

767-283/383/31A

FAULT REPORTING MANUAL

SCANDINAVIAN AIRLINES SYSTEM

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Model Identification Information

This manual is prepared for the operator named on the title page specifically for the airplanes listed in the "OPERATOR MODEL IDENTIFICATION" section. It contains information, which applies only to those airplanes. The manual covers the Boeing delivered configuration of these airplanes. Changes to the delivered configuration are incorporated when covered by contractual revision agreements between the operator and the The Boeing Company.

This manual is not suitable for use for any airplanes not listed in the "MODEL IDENTIFICATION" section. Further, it may not be suitable for airplanes that have been transferred to other operators.

Operators are solely responsible for ensuring the operational documentation they are using is complete and matches the current configuration of the listed airplanes. This includes the accuracy and validity of all information furnished by the operator or any other party. Operators receiving revision service are responsible to ensure that any modification to the listed airplanes are properly reflected in the information contained in this manual.

BOEING 767
FAULT REPORTING MANUAL

REVISION TRANSMITTAL SHEET

T0: Scandinavian Airlines System and all holders of 767 Fault Reporting Manual, Boeing Document No. D632T002-33SAS.

Subject: Fault Reporting Manual Revision

This revision reflects the most current information available to The Boeing Company up to 60 days prior to the revision date. Revision highlights explain changes in each revision. Revision Information page 00.02.03 explains the use of revision bars to identify new or revised information.

The revision date is the approximate date the manual is mailed to the customer and is effective upon receipt.

ORIGINAL BOOK DATE NOV 10/88

REVISION RECORD

REV NUMBER	REV DATE	DATE FILED	INI-TIALS	REV NUMBER	REV DATE	DATE FILED	INI-TIALS	REV NUMBER	REV DATE	DATE FILED	INI-TIALS
SAS-55	04-22-04										
SAS-56	08-22-04										
SAS-57	12-22-04										
SAS-58	04-22-05										
SAS-59	08-22-05										
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SAS-65	08-22-07										
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SAS-67	04-22-08										
SAS-68	08-22-08										
SAS-69	12-22-08										
SAS-70	04-22-09										
SAS-71	08-22-09										

EFFECTIVITY ALL

REVISION RECORD

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FAULT REPORTING MANUAL

767 FRM BULLETIN RECORD

The Boeing Company issues fault reporting manual bulletins as required. Bulletins transmit temporary information which must be issued before the next formal revision to the fault reporting manual.

Bulletins are numbered sequentially for each operator. Each new bulletin is recorded in this record when received and filed as instructed. A bulletin may not apply to all airplane models. Each bulletin specifically identifies the airplane effectivity. When appropriate, the formal fault reporting manual revision will include an updated bulletin record page.

Bulletin status is defined as follows:

- In Effect (IE) – the bulletin contains pertinent information not otherwise covered in the fault reporting manual. The bulletin remains active and should be retained in the manual
- Incorporated (INC) – the bulletin operating information has been incorporated into the fault reporting manual. The bulletin remains active and should be retained in the manual
- Cancelled (CANC) – the bulletin is no longer in effect and should be removed from the manual. All bulletins previously cancelled are no longer listed

The record should be accomplished by the person revising the material.

BULLETIN RECORD

NUMBER	DATE	STATUS	INI-TIAL	NUMBER	DATE	STATUS	INI-TIAL	NUMBER	DATE	STATUS	INI-TIAL
SAS-1	5-11-89	CANC									

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REVISION RECORD

APR 22/00 00.02.02

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FAULT REPORTING MANUAL REVISION INFORMATION

The Boeing Company issues Fault Reporting Manual Revisions to provide current procedures and information not previously furnished. The formal revision also incorporates appropriate information from previously issued Fault Reporting Manual Bulletins.

Formal revisions include a new Revision Record page, Revision Highlights, and a current List of Effective Pages. The record should be completed by the person filing the revision material.

Pages containing revised technical material have a revision bar in the margin opposite the changed text or illustration. Relocated text or illustrations, or administrative and nontechnical changes are indicated by a revision bar in the lower left margin.

Information provided by customer airlines which reflect a deviation from Boeing recommended practices or procedures will be reflected by customer name or two/three letter designator and a dotted revision bar.

FILING INSTRUCTIONS

Pages marked with an asterisk (*) on the attached List of Effective Pages are replacement or new (original) pages. Remove corresponding old pages and replace, or add new pages. Remove pages marked DELETED; no replacement pages

REVISION DATA

FAULT REPORTING MANUAL BULLETINS, WHICH MAY REFLECT IMPORTANT CHANGES TO THIS DOCUMENT, WILL BE ISSUED WHEN APPLICABLE. THE BULLETIN RECORD PAGES SHOULD BE REVIEWED AND BULLETIN(S) IDENTIFIED WITH "IE" STATUS SHOULD BE ON FILE IN YOUR MANUAL. IF ANY ARE MISSING, THEY MAY BE REQUESTED THROUGH THE ADDRESS BELOW, CANCELLED, N/A, OR INCORPORATED BULLETINS MAY BE DISREGARDED.

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REVISION RECORD

DEC 22/07

00.02.03

REVISION HIGHLIGHTS REPORT

CHAPTER 00

00.02.01

TITLE PAGE

Revised Title Page to reflect new revision number and date.

REVISION RECORD

Revised Rev Rec to reflect new revision number and date.

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PAGE	DATE	CODE	PAGE	DATE	CODE	PAGE	DATE	CODE
TITLE PAGE			INTRODUCTION (CONTINUED)			AUTO FLIGHT TAB		
			14	BLANK		CHAPTER 22		
*	01	AUG 22/09				01	NOV 10/88	33
	02	AUG 22/07				02	APR 10/98	33
			AIR CONDITIONING TAB			03	MAY 10/96	42
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			01	APR 22/02	33	04B	AUG 10/96	01
*	01	AUG 22/09	02	AUG 22/00	33	05	AUG 01/83	09
	02	APR 22/00	02A	APR 22/02	29	06	AUG 10/96	01
	03	DEC 22/07	02B	BLANK		07	AUG 01/83	09
	04	BLANK	03	APR 22/02	33	08	DEC 22/00	01
*	05	AUG 22/09	04	APR 22/02	33	09	MAY 10/90	03
*	06	BLANK	05	FEB 10/91	33	10	DEC 22/00	01
			06	APR 22/02	07	11	AUG 10/96	03
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*	02	AUG 22/09	08A	APR 22/02	33	12B	MAY 10/97	02
*	03	AUG 22/09	08B	APR 22/02	33	13	MAY 10/97	03
*	04	AUG 22/09	08C	APR 22/02	33	14	MAY 10/97	06
*	05	AUG 22/09	08D	APR 22/02	29	15	NOV 01/86	03
*	06	AUG 22/09	09	APR 22/02	29	16	AUG 10/96	01
			10	FEB 10/91	33	16A	NOV 01/85	03
			11	FEB 10/91	33	16B	MAY 10/97	65
			12	FEB 10/97	07	17	NOV 01/85	03
			12A	NOV 01/82	03	18	MAY 10/97	01
			12B	FEB 10/97	07	19	AUG 10/88	09
			12C	NOV 01/84	07	20	AUG 10/89	33
			12D	AUG 22/00	06	21	NOV 10/88	33
			12E	MAY 10/96	04	22	NOV 10/92	33
			12F	NOV 10/94	16	23	MAY 10/96	47
			13	NOV 10/94	16	24	MAY 10/97	62
			14	MAY 10/96	19	25	NOV 10/96	33
			15	AUG 01/85	03	26	MAY 10/97	33
			16	FEB 10/97	04	27	MAY 10/97	33
			16A	NOV 10/91	03	28	MAY 10/97	33
			16B	NOV 10/91	03	29	MAY 10/97	33
			17	FEB 07/86	03	30	AUG 10/96	33
			18	FEB 10/97	08	31	NOV 10/88	33
			19	MAY 01/86	03	32	AUG 10/96	02
			20	FEB 10/97	05	33	NOV 10/88	33
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			22	APR 22/00	03	35	NOV 10/88	33
			23	MAY 10/89	03	36	AUG 10/96	03
			24	FEB 01/86	03	37	NOV 10/88	33
			25	FEB 01/86	03	38	AUG 10/96	42
			26	APR 22/01	04	39	NOV 10/88	33
			27	FEB 10/95	05	40	AUG 10/96	64
			28	BLANK		41	NOV 10/88	33
						42	AUG 10/96	33
						43	NOV 10/88	33
						44	BLANK	
INDEX TAB								
	01	DEC 22/02						
	02	DEC 22/02						
	03	MAY 10/90						
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	06	BLANK						
INTRODUCTION TAB								
	01	FEB 10/91						
	02	AUG 10/89						
	03	AUG 10/89						
	04	AUG 10/90						
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	06	NOV 01/82						
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	09	MAY 10/91						
	10	AUG 10/96						
	11	AUG 10/90						
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	13	DEC 22/07						

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PAGE	DATE	CODE	PAGE	DATE	CODE	PAGE	DATE	CODE
COMMUNICATIONS TAB CHAPTER 23			COMMUNICATIONS (CONTINUED) 46 BLANK			EQUIPMENT/FURNISHINGS (CONTINUED)		
01	DEC 22/99	11				08A	AUG 10/89	33
02	NOV 10/91	33				08B	AUG 22/00	33
02A	FEB 10/92	33				09	AUG 10/96	33
02B	DEC 22/01	33				10	NOV 10/88	33
03	DEC 22/01	33				11	FEB 10/88	29
04	AUG 10/89	33				12	DEC 22/00	33
05	APR 22/00	22				12A	DEC 22/00	33
06	FEB 10/97	21				12B	DEC 22/00	33
07	FEB 10/97	17				13	DEC 22/00	33
08	MAY 10/89	33				14	AUG 01/84	05
09	APR 10/98	06				15	AUG 01/84	05
10	AUG 10/89	33				16	BLANK	
11	MAY 10/89	33				FIRE PROTECTION TAB CHAPTER 26		
12	AUG 10/89	33						
13	FEB 10/89	33				01	APR 22/01	45
14	AUG 10/89	33				02	APR 22/01	36
15	AUG 10/98	08				03	APR 22/01	33
16	MAY 10/93	33				04	NOV 10/94	01
16A	AUG 10/90	33				05	MAY 01/87	01
16B	AUG 10/90	33				06	AUG 10/96	08
17	AUG 10/90	33				07	NOV 10/93	01
18	AUG 10/91	33				08	BLANK	
18A	APR 22/00	33				09	MAY 01/83	03
18B	AUG 10/91	33				10	APR 22/00	05
19	AUG 10/91	33				11	NOV 01/83	03
20	FEB 10/89	33				12	APR 22/00	05
21	AUG 10/89	33				13	NOV 10/94	03
22	AUG 22/00	22				14	AUG 22/99	30
23	APR 22/00	68				15	APR 22/01	05
24	AUG 22/00	22				16	APR 22/01	18
25	FEB 10/97	20				17	FEB 01/85	19
26	MAY 10/89	33				18	APR 22/01	06
27	NOV 10/89	33				18A	MAY 10/91	21
28	FEB 10/89	33				18B	MAY 10/91	21
29	APR 22/00	03				19	MAY 10/91	21
30	NOV 10/91	33				20	APR 22/01	18
31	AUG 22/99	03				21	APR 22/01	36
32	AUG 10/93	33				22	AUG 22/99	30
33	APR 22/00	33				23	AUG 22/99	30
34	MAY 10/92	33				24	AUG 22/01	33
34A	NOV 10/89	33				24A	AUG 22/01	33
34B	APR 22/00	29				24B	AUG 22/01	33
35	AUG 22/00	33				24C	AUG 22/01	33
36	DEC 22/04	33				24D	AUG 22/01	33
36A	DEC 22/04	12				25	AUG 22/01	33
36B	APR 22/02	12				26	BLANK	
37	DEC 22/99	11						
38	FEB 10/97	24						
39	FEB 10/97	23						
40	FEB 10/89	33						
41	DEC 22/99	71						
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43	DEC 22/01	33						
44	DEC 22/01	33						
45	DEC 22/01	33						
ELECTRICAL POWER TAB CHAPTER 24			EQUIPMENT/FURNISHINGS TAB CHAPTER 25					
			01	DEC 22/00	32	01	FEB 01/84	03
			02	DEC 22/00	06	02	AUG 10/93	33
			02A	DEC 22/00	32	02A	AUG 10/89	33
			02B	APR 10/99	41	02B	FEB 01/85	19
			03	MAY 10/95	05	03	FEB 01/85	19
			04	MAY 10/94	01	04	APR 10/98	21
			04A	MAY 10/94	03	04A	APR 10/98	21
			04B	NOV 10/87	03	04B	NOV 10/87	03
			05	NOV 10/87	03	04C	NOV 10/87	03
			06	FEB 10/93	03	04D	AUG 10/90	03
			07	FEB 10/93	03	05	AUG 01/87	03
			08	AUG 10/98	18	06	AUG 10/93	33
			09	AUG 10/98	03	06A	NOV 10/88	18
			10	AUG 10/90	03	06B	AUG 10/88	03
			11	APR 10/99	03	07	NOV 10/91	03
			12	DEC 22/00	03	08	AUG 22/00	33
			13	DEC 22/00	03			
			14	DEC 22/00	03			
			15	DEC 22/00	03			
			16	DEC 22/00	18			
			17	DEC 22/00	03			
			18	DEC 22/00	04			
			19	AUG 01/83	03			
			20	APR 10/99	07			
			21	APR 10/99	07			
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FLIGHT CONTROLS TAB			FUEL (CONTINUED)			ICE AND RAIN (CONTINUED)		
CHAPTER 27			12C	APR 10/98	04	16	BLANK	
01	APR 22/00	03	12D	APR 10/98	04	INDICATING/RECORDING		
02	APR 22/00	17	13	AUG 22/00	04	SYSTEMS TAB		
03	APR 22/00	03	14	APR 10/98	23	CHAPTER 31		
04	APR 10/98	15	15	APR 10/98	23	01	AUG 10/98	05
05	FEB 01/87	03	16	AUG 22/99	05	02	DEC 22/00	33
06	APR 10/98	14	17	APR 10/98	07	03	MAY 10/97	55
07	AUG 10/93	03	18	BLANK		04	AUG 10/97	01
08	FEB 10/88	01	HYDRAULIC POWER TAB			05	AUG 10/97	28
09	NOV 01/84	03	CHAPTER 29			06	AUG 10/92	03
10	AUG 22/99	03	01	FEB 10/96	07	06A	APR 10/98	01
11	AUG 01/85	03	02	APR 10/99	06	06B	DEC 10/98	33
12	NOV 10/96	05	02A	FEB 01/85	19	07	DEC 10/98	34
13	NOV 01/84	03	02B	FEB 10/88	18	08	APR 22/06	06
14	APR 22/00	36	03	FEB 10/96	04	09	APR 22/06	71
14A	APR 22/00	18	04	APR 10/99	04	10	NOV 10/88	18
14B	APR 22/00	36	05	FEB 10/88	09	11	AUG 22/01	01
15	APR 22/00	04	06	NOV 10/87	18	12	AUG 01/85	03
16	NOV 10/96	06	07	NOV 10/87	04	13	AUG 01/85	03
17	APR 22/00	03	08	MAY 10/88	19	14	AUG 01/85	03
18	APR 22/00	03	09	MAY 10/88	09	15	AUG 01/85	03
19	APR 22/00	03	10	DEC 22/04	19	16	MAY 01/87	01
20	APR 22/00	03	11	DEC 22/04	03	17	AUG 10/88	01
21	APR 22/00	03	12	FEB 10/96	03	18	DEC 10/98	01
22	APR 22/00	03	13	NOV 01/84	03	18A	NOV 01/83	03
* 23	AUG 22/09	03	14	APR 10/99	19	18B	AUG 10/96	01
24	APR 22/00	03	15	APR 10/99	16	19	FEB 01/84	03
25	APR 22/00	04	16	AUG 10/89	01	20	AUG 10/96	01
26	APR 22/00	03	17	AUG 10/89	03	21	AUG 01/83	03
27	APR 22/00	03	18	BLANK		22	AUG 22/05	33
28	APR 22/00	03	ICE AND RAIN PROTECTION TAB			22A	AUG 22/05	33
29	APR 22/00	03	CHAPTER 30			22B	DEC 22/99	33
30	BLANK		01	MAY 10/96	36	22C	DEC 22/99	33
FUEL TAB			02	APR 22/03	33	22D	DEC 22/99	33
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01	APR 10/99	45	04	AUG 10/96	99	24	DEC 22/99	15
02	AUG 22/99	04	05	NOV 10/91	05	25	DEC 22/99	15
03	AUG 22/99	05	06	AUG 10/96	99	26	DEC 22/99	04
04	APR 10/98	03	07	APR 22/01	50	27	DEC 22/99	04
05	MAY 10/97	01	08	AUG 10/96	65	28	DEC 22/99	15
06	APR 10/98	03	09	FEB 10/96	05	29	DEC 22/99	15
07	APR 10/98	03	10	AUG 10/91	01	30	APR 22/05	33
08	APR 10/99	02	11	AUG 10/91	01	31	APR 22/05	33
09	APR 10/98	02	12	AUG 10/98	43	32	APR 22/02	64
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10A	APR 10/98	04	14	APR 22/01	59	34	BLANK	
10B	AUG 22/00	04	15	APR 22/01	59			
11	AUG 22/00	04						
12	APR 10/98	23						
12A	APR 10/98	23						
12B	AUG 22/00	04						

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CHAPTER 32								
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02	APR 10/99	33	12	APR 10/99	19	05	MAY 01/84	05
03	NOV 10/92	34	13	APR 10/99	01	06	APR 10/98	07
04	AUG 22/04	57	14	FEB 10/95	03	07	NOV 10/96	03
05	AUG 22/04	57	15	NOV 10/90	03	08	NOV 10/96	25
06	AUG 10/96	03	16	APR 10/98	03	09	NOV 10/96	04
07	AUG 10/96	03	17	APR 10/98	03	10	NOV 10/96	25
08	APR 10/99	04	18	FEB 10/94	36	11	MAY 01/87	25
08A	AUG 10/90	03	19	FEB 10/94	36	12	MAY 01/87	25
08B	AUG 10/96	04	20	AUG 22/00	03	13	MAY 01/85	05
09	MAY 01/85	03	21	FEB 10/93	03	14	NOV 10/96	04
10	APR 10/99	04	22	FEB 10/94	36	14A	AUG 01/84	05
10A	NOV 10/92	01	23	FEB 10/95	36	14B	NOV 10/96	25
10B	APR 10/99	03	24	BLANK		14C	MAY 10/90	25
11	NOV 10/92	01	25	FEB 10/94	36	14D	NOV 10/96	33
12	APR 22/00	69	26	APR 10/99	19	14E	AUG 01/86	04
13	APR 22/00	69	27	NOV 10/90	04	14F	AUG 01/86	04
14	APR 22/01	03	28	FEB 10/95	04	15	AUG 01/86	03
15	AUG 10/96	05	29	FEB 10/95	04	16	NOV 10/96	19
16	AUG 10/96	04	30	FEB 10/92	33	17	AUG 10/89	01
17	AUG 10/96	04	31	APR 10/99	24	18	AUG 22/00	20
18	AUG 10/96	03	32	APR 10/99	03	19	MAY 10/94	20
19	AUG 10/96	04	33	APR 10/99	03	20	NOV 10/96	19
20	AUG 10/96	04	34	FEB 10/95	03	21	AUG 01/82	03
21	AUG 10/96	04	35	FEB 10/95	05	22	NOV 10/96	19
22	APR 10/99	07	36	DEC 22/00	33	22A	NOV 10/96	03
23	APR 22/00	07	36A	DEC 22/00	33	22B	AUG 10/97	19
24	AUG 10/96	04	36B	DEC 22/00	33	23	NOV 10/96	07
25	AUG 10/96	04	37	DEC 22/00	33	24	NOV 10/96	55
26	AUG 10/96	04	38	DEC 22/01	12	25	MAY 10/96	03
27	APR 22/00	65	39	MAY 01/87	07	26	NOV 10/96	27
28	BLANK		40	FEB 01/85	03	27	FEB 01/84	03
			41	FEB 01/85	03	28	AUG 22/07	27
			42	APR 22/00	01	28A	FEB 10/92	05
			43	MAY 10/96	07	28B	NOV 10/96	29
			44	APR 22/00	25	29	FEB 10/91	03
			44A	AUG 22/99	06	30	DEC 22/00	03
			44B	AUG 22/99	07	30A	FEB 10/92	03
			45	AUG 22/99	06	30B	APR 22/03	03
			46	FEB 10/95	19	31	AUG 10/92	03
			47	FEB 10/95	11	32	NOV 10/96	19
			48	APR 22/00	05	33	NOV 01/86	03
			49	AUG 22/99	03	34	NOV 10/96	54
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						36	NOV 01/82	03
						37	NOV 01/82	03
						38	MAY 01/85	20
						39	MAY 01/82	03
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OBJECTIVE

THE OBJECTIVE OF THE FAULT REPORTING MANUAL (FRM) IS TO IMPROVE DISPATCH RELIABILITY BY IMPROVING COMMUNICATION BETWEEN THE FLIGHT CREW AND MAINTENANCE PERSONNEL. THE FRM IS USED BY THE FLIGHT CREW AND THE CABIN ATTENDANTS. THE MANUAL IS USED TO DETERMINE A FAULT CODE AND A STANDARD LOG BOOK REPORT TO IDENTIFY A SPECIFIC FAULT. THE FAULT ISOLATION MANUAL (FIM) IS DESIGNED FOR USE BY MAINTENANCE PERSONNEL. THE FIM MANUAL CONTAINS PROCEDURES FOR ISOLATING AND CORRECTING REPORTED FAULTS.

BENEFITS

THE BENEFITS OF THE FRM ARE INCREASED AIRPLANE RELIABILITY AND LOWER MAINTENANCE COSTS. THE FLIGHT CREW CAN PERFORM THE SYSTEM FAULT ANALYSIS AND PROVIDE MAINTENANCE WITH A STANDARD CODE WHICH IS A DIRECT TROUBLESHOOTING ENTRY. THIS AVOIDS DUPLICATING FLIGHT CREW EFFORTS IN FAULT ANALYSIS. THE FAULT CAN FREQUENTLY BE ISOLATED TO A SINGLE UNIT WHICH CAN BE REPLACED WITHIN THE NORMAL THRU-FLIGHT INTERVAL. A BASE FOR COMPUTER APPLICATION CAN ALSO BE ESTABLISHED TO STORE HISTORICAL DATA FOR TREND ANALYSIS OF FAULTS.

FRM MANUAL

CUSTOMIZATION

THIS IS A CUSTOMIZED FRM MANUAL PREPARED FOR THE 767 AIRPLANE, WITH AIRLINE IDENTIFICATION INDICATED ON THE TITLE PAGE.

ORGANIZATION

THE 767 FRM IS DIVIDED INTO 20 CHAPTERS USING THE SAME CHAPTER (AND TAB) NUMBERS AS THOSE DIRECTED BY THE AIR TRANSPORT ASSOCIATION SPECIFICATIONS FOR MAINTENANCE MANUALS. EACH TAB DIVIDER LISTS ALL CHAPTERS AND THEIR RELATED CHAPTER NUMBERS.

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LATER AIRPLANE DELIVERIES AND/OR AIRPLANE MODIFICATIONS CAN RESULT IN MIXED FLEET CONFIGURATIONS WHICH MAY REQUIRE DIFFERENT FRM PROCEDURES TO ANALYZE SIMILAR FAULTS. WHEN A DIFFERENCE IN CONFIGURATION EXISTS, THE AIRPLANE REGISTRY NUMBER OR AIRLINE DESIGNATOR WILL BE NOTED ON THE FRM PAGES IN THE EFFECTIVITY BLOCK. PAGES APPLYING TO ALL OF THE CUSTOMERS 767 MODELS WILL USE THE WORD "ALL" IN THE EFFECTIVITY BLOCK.

EFFECTIVITY N-767 (VA 001) N-768 (VA 002)

EFFECTIVITY ALL

REVISIONS

THE FRM WILL BE REVISED AT PERIODIC TIME INTERVALS THAT WILL COINCIDE WITH THE FIM REVISION CYCLE. THIS WILL INSURE THAT ALL OPERATORS ARE USING THE LATEST PROCEDURES BASED ON CURRENT REPORTED FAULTS AND ADVANCED MAINTENANCE TROUBLESHOOTING.

LIST OF EFFECTIVE PAGES

A CONSOLIDATED LIST OF EFFECTIVE PAGES (LEP) IS LOCATED AFTER THE REVISION RECORD PAGE, LEP'S WILL ACCOMPANY ALL REVISIONS. A CROSSCHECK BETWEEN THE LEP'S AND THE PAGES IN THE MANUAL WILL INSURE A CURRENT FRM MANUAL. PAGES IDENTIFIED BY AN ASTERISK (*) ON THE LEP WILL BE ADDED, DELETED OR REPLACED BY AN UPDATED PAGE INCLUDED IN THE REVISION. ANY PAGE FOUND IN THE MANUAL AND NOT LISTED IN THE LEP SHOULD BE DISCARDED. ANY DISCREPANCY BETWEEN THE LEP AND THE PAGES IN THE MANUAL SHOULD BE BROUGHT TO THE ATTENTION OF THE BOEING COMPANY.

ABBREVIATIONS

A LIST OF ALL ABBREVIATIONS USED IN THE FRM MANUAL IS INCLUDED IN THE INTRODUCTION.

INDEX

AN ALPHABETICAL LISTING (INDEX) OF SYSTEMS AND COMPONENTS COVERED IN THE FRM ALONG WITH THE CHAPTER IN WHICH IT IS COVERED WILL BE LISTED PRIOR TO THE INTRODUCTION.

NOTICE TO FLIGHT CREW

THE FRM MANUAL ASSUMES THAT ALL APPLICABLE OPERATIONS MANUAL PROCEDURES HAVE BEEN ACCOMPLISHED BEFORE USE OF THE FRM MANUAL BY THE FLIGHT CREW. THE FRM MANUAL IS NOT INTENDED TO SUPERSEDE ANY BOEING 767 OPERATIONS, FLIGHT, OR MINIMUM EQUIPMENT LIST DOCUMENT, NOR IS IT TO BE USED AS A REFERENCE FOR DISPATCH REQUIREMENTS.

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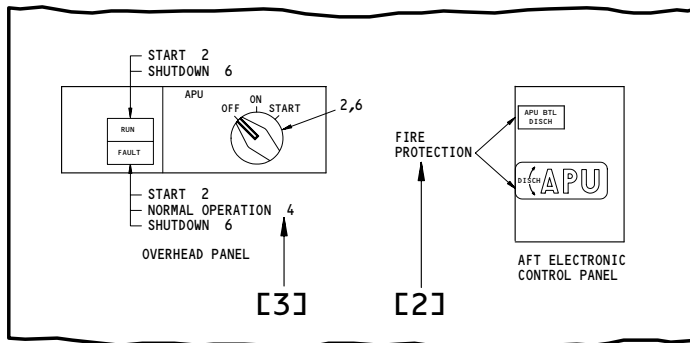
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USE OF THE FRM MANUAL

AFTER COMPLETION OF ALL APPLICABLE OPERATIONS MANUAL PROCEDURES, PROCEED FROM FAULT OR MALFUNCTION RECOGNITION TO THE APPLICABLE FRM CHAPTER [1] FOR THE FAULTY SYSTEM. IF THE SYSTEM AT FAULT IS QUESTIONABLE AS TO CHAPTER LOCATION, IT CAN BE FOUND IN THE INDEX OR IT WILL BE CROSS REFERENCED TO THE APPROPRIATE CHAPTER [2]. THE PAGE NUMBER WITHIN THE CHAPTER CAN BE FOUND ON THE CONTENTS PAGE IN THE TITLE LIST AND/OR PICTORIAL PRESENTATION [3]. NUMBERS ON THE CONTENTS PAGES ALWAYS REFER TO THE CHAPTER PAGE WHERE THE FAULT WILL BE LOCATED.

<u>EICAS MESSAGES</u>	<u>PAGE</u>
APU DOOR	4, 8
APU FAULT	4, 6, 8
APU FUEL VAL.	FUEL
APU OIL QTY.	6



<u>TITLE</u>	<u>PAGE NO.</u>
CHART	
APU OVERTEMPERATURE	12
APU	
AUTO SHUTDOWN	6
BLEED VALVE	PNEUMATICS
DOOR	4, 8
FIRE BTL DISCH LIGHT	FIRE PROTECTION
FIRE SWITCH	FIRE PROTECTION
FUEL FEED	FUEL
GENERATOR	ELECTICAL POWER
OIL QTY	6
PNEUMATIC SUPPLY	PNEUMATICS, POWER PLANT
SHUTDOWN	8
START	4
FAULT LIGHT	
AUTO SHUTDOWN	6
DURING SHUTDOWN	8
DURING START	4
RUN LIGHT	
DURING SHUTDOWN	8
DURING START	4
SMOKE, FUMES FROM APU	10

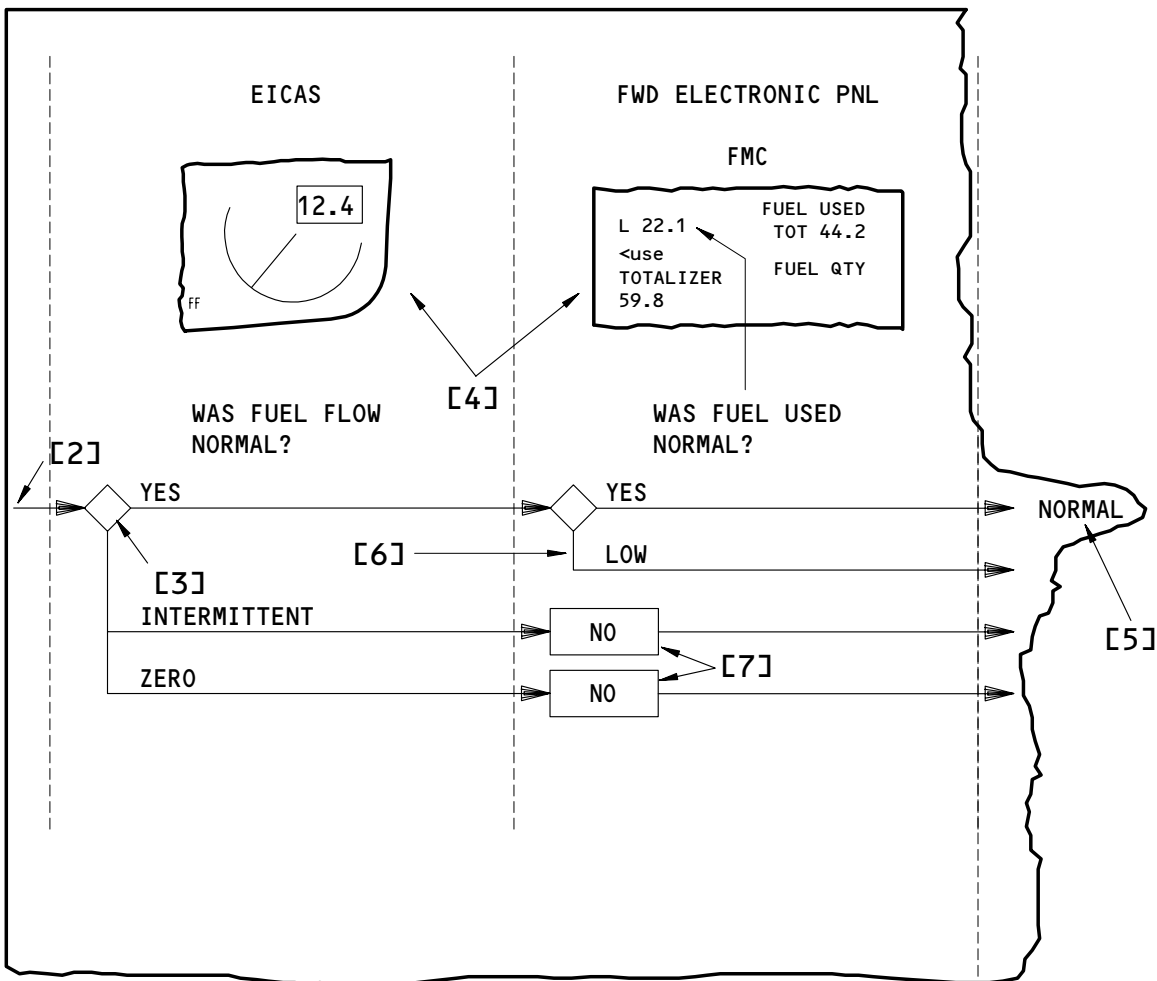
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ON THE PAGE REFERENCED BY THE TABLE OF CONTENTS [1] A FAULT CODE PAGE IS FOUND. AN ARROW IN THE UPPER LEFT CORNER IS THE ENTRY POINT [2]. THE DIAMOND [3] REPRESENTS A QUESTION ABOUT THE INDICATOR, LIGHT OR SWITCH [4]. NORMAL INDICATIONS WILL LEAD ACROSS THE PAGE TO SHOW THE NORMAL SYSTEM OPERATION [5]. LINES GOING DOWN FROM THE DIAMOND INDICATE ABNORMAL INDICATIONS FOR THAT INDICATOR [6]. A RECTANGLE [7] INDICATES A POSITIVE STATEMENT ABOUT THE INDICATOR.



FUEL INDICATORS - FAULT CODES

POWER PLANT
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[1]

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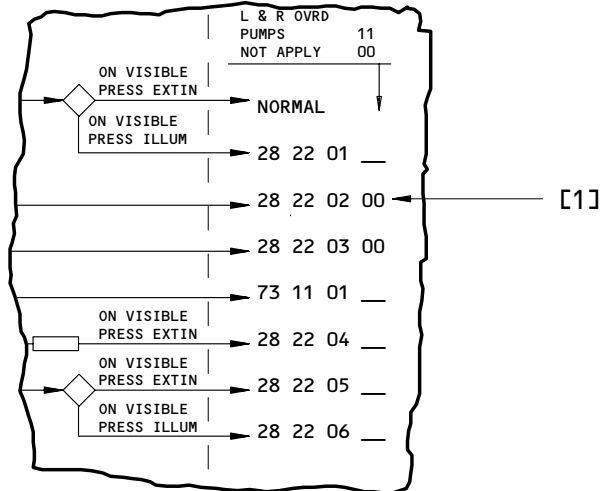
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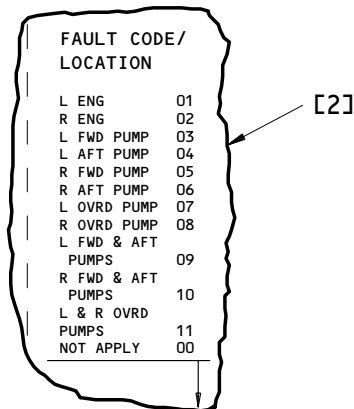
FAULT REPORTING MANUAL

FAULT CODES ARE FOUND AFTER EACH FAULT [1]. THESE CODES ALWAYS CONSIST OF EIGHT NUMBERS. THIS FAULT CODE WILL PROVIDE MAINTENANCE WITH THE SYSTEM FAULT ANALYSIS PERFORMED BY THE FLIGHT CREW.



FOR EXAMPLE: 28 22 02 00

- "28" THE FIRST TWO DIGITS INDICATE THE CHAPTER CONTAINING THE FAULT. (CHAPTER 28 IS FUEL).
- "22" THE NEXT TWO DIGITS INDICATE THE SUB OR SUB-SYSTEM CONTAINING THE FAULT. (28 22 IS SUB-SYSTEM ENGINE FUEL FEED SYSTEM).
- "02" THESE TWO DIGITS INDICATE THE FAULT NO. THEY CAN RANGE FROM 01 TO 99.
- "00" THE LAST TWO DIGITS IDENTIFY THE FAULT LOCATION. THE USE OF "00" INDICATES THAT THE FAULT LOCATION DOES NOT APPLY TO THAT SPECIFIC FAULT. AT THE TOP OF THE FAULT CODE PAGE IS A LIST [2] OF ALL APPLICABLE FAULT CODE LOCATIONS.



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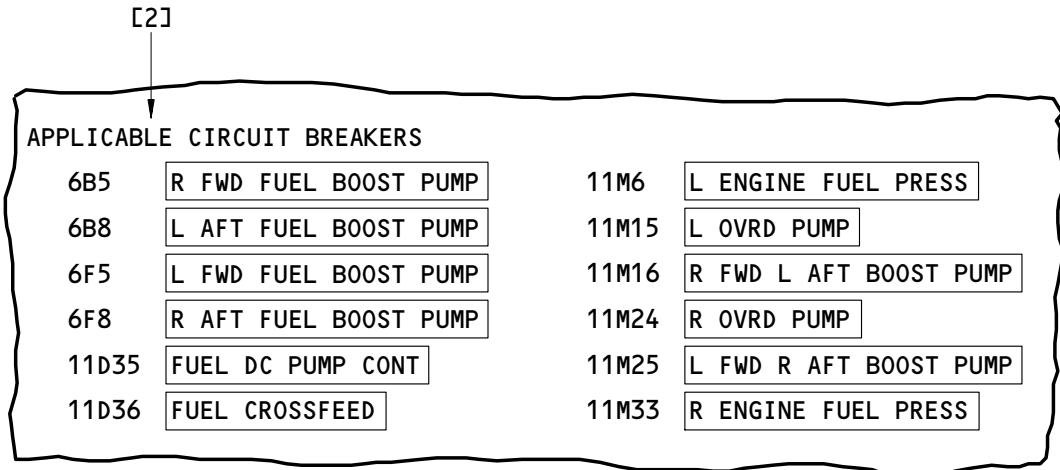
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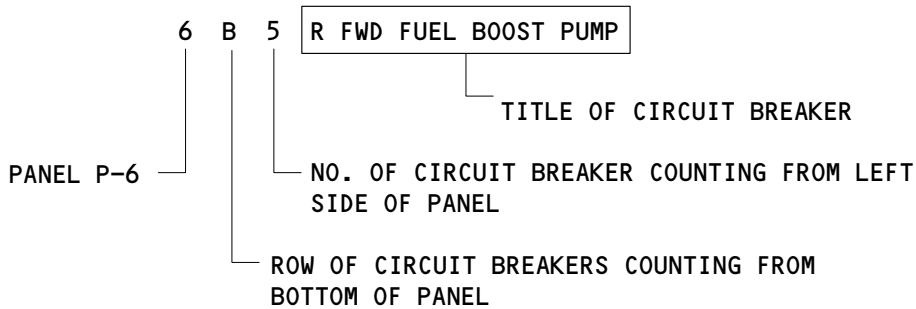
IF A FAULT EXISTS FOR WHICH THERE IS NO APPLICABLE FAULT ISOLATION PROCEDURE A METHOD IS PROVIDED TO CODE THE FAULT [1].



ALL CIRCUIT BREAKERS APPLICABLE TO THE FAULTS COVERED ON A PAGE WILL BE FOUND AT THE BOTTOM OF THE PAGE [2].



CIRCUIT BREAKER IDENTIFICATION AND LOCATION IS BY PANEL, A HORIZONTAL/VERTICAL - ALPHA/NUMERIC GRID SYSTEM, AND A TITLE.



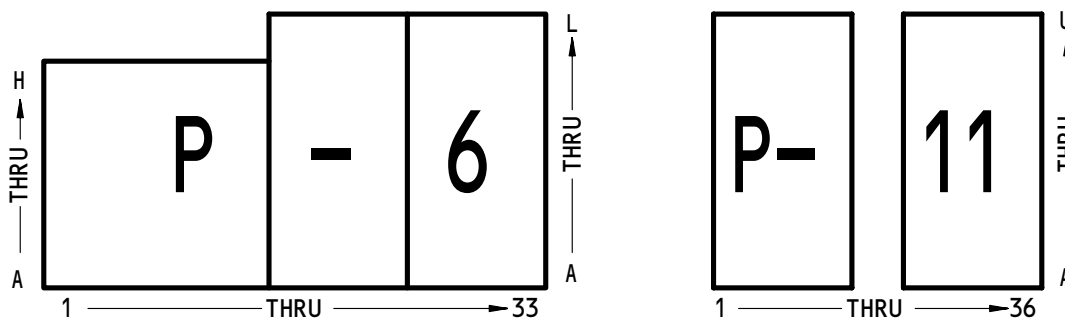
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THERE IS A STANDARD LOG BOOK WRITEUP FOR ALL FAULT CODES LISTED. THEY ARE ON THE "LOG BOOK REPORT" PAGE [1] FACING THE FAULT CODE PAGE. EACH FAULT CODE [2] WILL HAVE A SEPARATE LOG BOOK WRITEUP. THE WRITEUP CAN BE USED VERBATIM. WHEN A BLANK SPACE UNDERLINED IS PROVIDED [3] THE ENGINE, SYSTEM NUMBER, OR APPROPRIATE VALUE SHOULD BE ENTERED. WHERE MORE THAN ONE WORD IS INCLUDED IN A PARENTHESIS [4] YOU SHOULD SELECT THE CORRECT WORD OR WORDS TO DESCRIBE THE FAULT.

FAULT CODE	LOG BOOK REPORT
28 22 01 __	(03 = L. fwd pump, 04 = L. aft pump, 05 = R. fwd pump, 06 = R. aft pump, 07 = L. ovrdr pump, 08 = R. ovrdr pump) flow bar on, press light illum.
[2] 28 22 02 00	Cross feed valve switch flow bar off and valve light illum.
[4] 28 22 03 00	Cross feed valve switch flow bar on and valve light illum.
73 11 01 __	(01 = L. eng, 02 = R. eng) fuel pressure gage reading __ psi. (low or high). Fuel pressure light extin. [3]
28 22 04 __	(01 = L. eng, 02 R. eng) fuel pressure light illum. Fuel pressure gage reading normal (__ psi).
28 22 05 __	(01 = L. eng, 02 = R. eng) fuel pressure light illum and fuel pressure gage reading low (__ psi). All boost pumps on and pressure light extin.
28 22 06 __	Fuel pressure light illum and fuel pressure gage reading low (__ psi) (09 = L. fwd & aft pumps, 10 = R. fwd & aft pumps, 11 = L. & R. ovrdr pumps flow bars on. Press lights illum.
28 22 XA __	Report fuel feed fault symptoms on patterns along with fault code.

FUEL FEED - LOG BOOK REPORTS [1]

FUEL

ALWAYS INCLUDE IN THE WRITEUP ANY ADDITIONAL INFORMATION THAT WOULD BE OF VALUE TO MAINTENANCE.

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
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SPECIAL NOTATIONS ON THE PROCEDURES ARE INDICATED BY "", THESE NOTES INCLUDE:

- A. ADDITIONAL INFORMATION TO BE RECORDED TO ASSIST MAINTENANCE.
- B. PRECAUTIONS.
- C. UNUSUAL CONDITIONS WHICH CAN CAUSE FAULT INDICATIONS.
- D. SYSTEM INFORMATION THAT CAN BE HELPFUL IN FAULT RECOGNITION AND ISOLATION.

WHEN A SPECIAL CHART OR CHECK [1] IS REQUIRED FOR FAULT ISOLATION PROCEDURES IT WILL BE LOCATED AT THE BACK OF THE CHAPTER.

RADIAL POSITION ERROR CHECK

THE FMC-CDU POS REF PAGE 2/2 DISPLAYS CURRENT POSITION FOR EACH IRS AND AN ACTUAL POSITION ERROR CHECK IS PERFORMED USING THE RTE 1 OR RTE 2 LEGS PAGE. THIS IS DONE BY ENTERING THE ACTUAL (PARKING) AND IRS POSITIONS AS WAYPOINTS AND COMPARING THEIR DIFFERENCE IN NAUTICAL MILES TO A DEVIATION CRITERIA. USE THE FOLLOWING PROCEDURE TO DETERMINE EXCESSIVE RADIAL POSITION ERROR.

NOTE: THE IRS'S AND FMC'S MUST NOT BE SHUTOFF PRIOR TO COMPLETING THIS PROCEDURE.

- 1 - SELECT THE POS REF 2/2 PAGE AND RECORD THE DISPLAYED LATITUDE AND LONGITUDE FOR EACH IRS.
- 2 - SELECT THE RTE 1 OR RTE 2 LEGS PAGE AND ENTER ACTUAL LATITUDE AND LONGITUDE (GATE, RAMP, ETC) AS A WAYPOINT.
- 3 - ENTER DISPLAYED LATITUDE AND LONGITUDE OF IRS AS NEXT WAYPOINT ON RTE 1 OR RTE 2 LEGS PAGE. ENTER MANUALLY RECORDED DATA FROM (1) OR LINE SELECT FROM POS REF PAGE.
- 4 - RADIAL POSITION ERROR IS THE DISTANCE BETWEEN THE TWO ENTERED WAYPOINTS OR THE COMPUTED LEG LENGTH.
- 5 - COMPARE THE DISTANCE ALONG WITH THE TIME IN NAV MODE TO THE ACCEPT/REJECT LIMITS ON THE FOLLOWING IRS PERFORMANCE CRITERIA CHART.
- 6 - IF THE IRS RADIAL POSITION ERROR FALLS UPON THE SHADED AREA FOR TWO CONSECUTIVE FLIGHTS OR ABOVE THE SHADED AREA FOR ONE FLIGHT, MAINTENANCE ACTION IS REQUIRED.

[1]

IRS ACCURACY CHECKS

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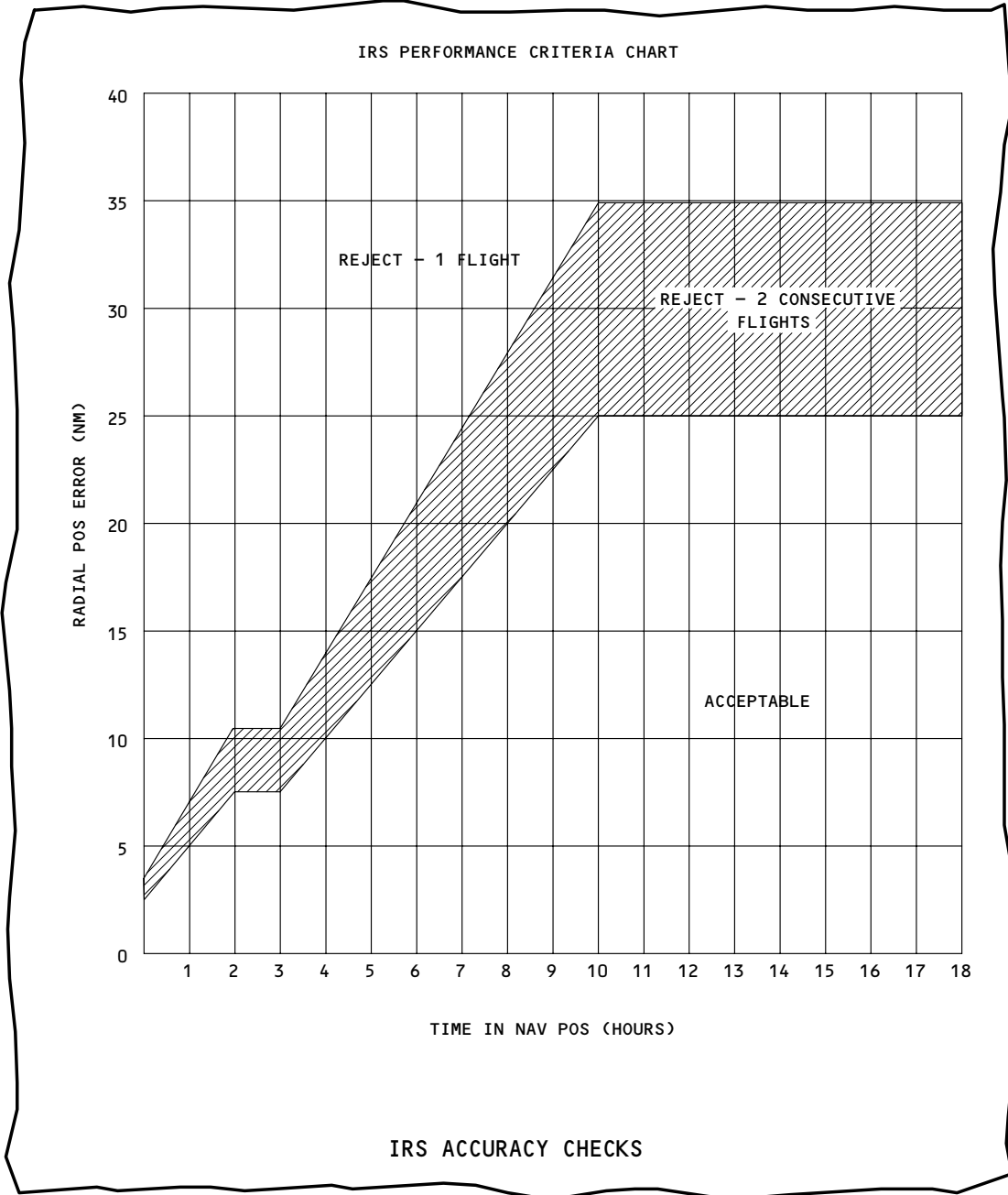
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CUSTOMER ORIGINATED MATERIAL

CUSTOMER ORIGINATED MATERIAL, INCORPORATED INTO THE MANUAL AT CUSTOMER REQUEST TO REFLECT DATA OR PROCEDURES ORIGINATED BY AND PECULIAR TO THAT SPECIFIC CUSTOMER, WILL BE PERMANENTLY IDENTIFIED BY THE CUSTOMER'S THREE-LETTER DESIGNATION IN THE SPACE RESERVED FOR THE REVISION BAR. IN ADDITION, THESE PAGES ARE IDENTIFIED ON THE LIST OF EFFECTIVE PAGES (LEP) WITH A PAGE CODE WHICH IS THE CUSTOMER'S THREE-LETTER DESIGNATOR. THE BOEING COMPANY DOES NOT ASSUME RESPONSIBILITY FOR THE VALIDITY AND/OR THE TECHNICAL ACCURACY OF MATERIAL SO IDENTIFIED. THE BOEING COMPANY WILL NOT UNDERTAKE TO TEST OR EVALUATE IN ANY FORM THE VALIDITY OR THE TECHNICAL ACCURACY OF THE CUSTOMER-ORIGINATED MATERIAL, AND THE CUSTOMER SHALL HAVE THE SOLE AND EXCLUSIVE RESPONSIBILITY FOR THE VALIDITY AND ACCURACY OF THE MATERIAL SUBMITTED FOR INCORPORATION INTO THE MANUAL.

THE BOEING COMPANY HEREBY EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, ORAL OR WRITTEN, ARISING BY LAW, COURSE OF DEALING, OR OTHERWISE, AND WITHOUT LIMITATION ALL WARRANTIES AS TO QUALITY, OPERATION, MERCHANTABILITY, FITNESS FOR ANY INTENDED PURPOSE, AND ALL OTHER CHARACTERISTICS WHATSOEVER, OF CUSTOMER-ORIGINATED MATERIAL INCORPORATED INTO THE MANUAL. THE FOREGOING DISCLAIMER SHALL ALSO APPLY TO ANY OTHER PORTION OF THE MANUAL WHICH MAY BE AFFECTED OR COMPROMISED BY SUCH CUSTOMER-ORIGINATED CHANGES.

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ABBREVIATIONS USED IN THE FRM MANUAL

A		B	
ABNORM	ABNORMAL	BARO	BAROMETRIC
AC	ALTERNATING CURRENT	BAT	BATTERY
A/C	AIR CONDITIONING	B/CRS	BACK COURSE
ACARS	ARINC COMMUNICATIONS ADDRESSING & REPORTING SYSTEM	BITE	BUILT IN TEST EQUIPMENT
ACCEL	ACCELERATION, ACCELERATE(D)	BK	BRAKE
ACMP	ALTERNATING CURRENT MOTOR PUMP/ELECTRIC HYDRAULIC PUMP	BRG	BEARING
ADC	AIR DATA COMPUTER	BRT	BRIGHT
ADF	AUTOMATIC DIRECTION FINDER	BTL	BOTTLE
ADI	ATTITUDE DIRECTOR INDICATOR		
ADP	AIR DRIVEN PUMP/AIR DRIVEN HYDRAULIC PUMP		C
AFDS	AUTOPILOT FLIGHT DIRECTOR SYSTEM	C, CTR	CENTER
AGL	ABOVE GROUND LEVEL	CAPT	CAPTAIN
AIDS	AIRCRAFT INTEGRATED DATA SYSTEM	CB(S)	CIRCUIT BREAKER(S)
AIL	AILERON	CDU	CONTROL DISPLAY UNIT
ALT	ALTITUDE	CHG	CHANGE
ALTN	ALTERNATE	CHR	CHRONOGRAPH
AM	AMPLITUDE MODULATION	CMD	COMMAND
AMP	AMPERES	CMPTR	COMPUTER
ANT	ANTENNA	COL	COLUMN
AOA	ANGLE OF ATTACK	COMM	COMMUNICATION
A/P	AUTOPILOT	COMPT	COMPARTMENT
APL	AIRPLANE	COND	CONDITION
APP, APPR	APPROACH	CONFIG	CONFIGURATION
APPROX	APPROXIMATELY	CONT	CONTROL
APU	AUXILIARY POWER UNIT	CRS	COURSE
ASA	AUTOLAND STATUS ANNUNCIATOR	CRT	CATHODE RAY TUBE
ASP	AUDIO SELECTOR PANEL	CRZ	CRUISE
ASYM	ASYMETRICAL	CU	CONTROL UNIT
A/T	AUTOTHROTTLE	CWS	CONTROL WHEEL STEERING
ATC	AIR TRAFFIC CONTROL		
ATT	ATTITUDE		
ATTND	ATTENDANT		
AUTO	AUTOMATIC		
AUX	AUXILIARY		
AVAIL	AVAILABLE		
&	AND		

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D		F/F	
DC	DIRECT CURRENT	FL	FUEL FLOW FLOW
DECEL	DECELERATE (D)	FMC	FLIGHT MANAGEMENT COMPUTER
DECR	DECREASE	FMCS	FLIGHT MANAGEMENT COMPUTER SYSTEM
DEV	DEVIATION	F/O	FIRST OFFICER
DFDAU	DIGITAL FLIGHT DATA ACQUISITION UNIT	FOD	FOREIGN OBJECT DAMAGE
DFDR	DIGITAL FLIGHT DATA RECORDER	FREQ	FREQUENCY
DH	DECISION HEIGHT	F/S	FAST/SLOW
DIFF	DIFFERENTIAL	FT	FEET, FOOT
DISC	DISCONNECT	FWD	FORWARD
DISCH	DISCHARGE		G
DK	DECK		
DME	DISTANCE MEASURING EQUIPMENT	GA	GO-AROUND
DN	DOWN	GEN	GENERATOR
DR(S)	DOOR(S)	GR	GEAR
DSPY	DISPLAY	GRD, GND	GROUND
		G/S	GLIDE SLOPE
E		H	
EADI	ELECTRONIC ATTITUDE DIRECTION INDICATOR	HDG	HEADING
EDP	ENGINE DRIVEN PUMP/ENGINE PRIMARY HYDRAULIC PUMP	HF	HIGH FREQUENCY
EEC	ELECTRONIC ENGINE CONTROL	HI	HIGH
EGT	EXHAUST GAS TEMPERATURE	HORIZ	HORIZONTAL
EICAS	ENGINE INDICATION & CREW ALERTING SYSTEM	HSI	HORIZONTAL SITUATION INDICATOR
ELEC	ELECTRICAL	HYD	HYDRAULIC
ELEV	ELEVATION		I
EMER	EMERGENCY		
ENG	ENGINE	IDENT	IDENTIFICATION
ENT	ENTRANCE, ENTRY	IGN	IGNITION
ENTMT	ENTERTAINMENT	ILLUM	ILLUMINATE, ILLUMINATED
EPR	ENGINE PRESSURE RATIO	ILS	INSTRUMENT LANDING SYSTEM
EQUIP	EQUIPMENT	INACC	INACCURATE
EXEC	EXECUTIVE	INBD	INBOARD
EXT	EXTERNAL	INCR	INCREASE
EXTIN	EXTINGUISH, EXTINGUISHED	IND	INDICATOR
EXTING	EXTINGUISHING	INFLT	INFLIGHT
		INIT	INITIALIZATION
F		INOP	INOPERATIVE
FDEP	FLIGHT DATA ENTRY PANEL	INPH, INT	INTERPHONE
F/D	FLIGHT DIRECTOR	INST(S)	INSTRUMENT(S)
FF	FAST FORWARD	IRS	INERTIAL REFERENCE SYSTEM
		ISLN, ISOL	ISOLATION

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	J				O
		K		OAT	OUTSIDE AIR TEMPERATURE
KG(S)	KILOGRAMS			OBS	OBSERVER
KIAS	KNOTS INDICATED AIRSPEED			OK	OKAY
KTS	KNOTS			OPR	OPERATE
KPH	KILOGRAMS PER HOUR			OPRN	OPERATION
				OUTBD	OUTBOARD
		L		OVHD	OVERHEAD
L	LEFT			OVHT	OVERHEAT
LAV	LAVATORY			OVRD	OVERRIDE
LCD	LIQUID CRYSTAL DISPLAY			OXY, O2	OXYGEN
LD	LOAD				P
LDG	LANDING			PA	PASSENGER ADDRESS
LDG GR	LANDING GEAR			PASS	PASSENGER
LE	LEADING EDGE			PERF	PERFORMANCE
LED	LIGHT EMITTING DIODE			PES	PASSENGER ENTERTAINMENT SYSTEM
LGT(S)	LIGHT(S)			PG	PAGE
LIM	LIMIT			PNL	PANEL
LOC	LOCALIZER			POS	POSITION
L-NAV	LATERAL NAVIGATION			PRESS	PRESSURE
LWR	LOWER			PRIM	PRIMARY
		M		PROG	PROGRESS
MAN	MANUAL			PROJ	PROJECTOR
MAX	MAXIMUM			PROX	PROXIMITY
MCDP	MAINTENANCE CONTROL & DISPLAY PANEL			PSI	POUNDS PER SQUARE INCH
MCP	MODE CONTROL PANEL			PSS	PASSENGER SERVICE SYSTEM
MIC	MICROPHONE			PSU	PASSENGER SERVICE UNIT
MID	MIDDLE			PTT	PUSH TO TALK
MIN	MINIMUM			PTR	PRINTER
MISC	MISCELLANEOUS			PWR	POWER
MSG	MESSAGE				Q
MSTR	MASTER			QTS	QUARTS
MTD	MOUNTED			QTY	QUANTITY
MU	MANAGEMENT UNIT				R
		N		R	RIGHT
N/A	NOT APPLICABLE			RA	RADIO ALTITUDE
NAV	NAVIGATION			RAT	RAM AIR TURBINE
NO.	NUMBER			RABS	REVERSE ACTUATED BLEED SYSTEM
NORM	NORMAL			RDMI	RADIO DISTANCE MAGNETIC INDICATOR

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R (CONT)			
RECIRC	RECIRCULATE	T.O.	TAKE OFF
REF	REFERENCE	TR(S)	TRANSFORMER RECTIFIER(S)
REG	REGULATOR	TURB	TURBINE
REL	RELEASE	TURBL	TURBULENT, TURBULENCE
REQ	REQUIRED		U
REV	REVERSE	UNLKD	UNLOCKED
RMI	RADIO MAGNETIC INDICATOR	UNSCHE	UNSCHEDULED
RPM	REVOLUTIONS PER MINUTE	UPR	UPPER
RSVR	RESERVOIR		V
RTO	REJECTED TAKEOFF		
RUD	RUDDER		
	S	VERT	VERTICAL
		VIP	VERY IMPORTANT PERSON
		VHF	VERY HIGH FREQUENCY
SAT	STATIC AIR TEMPERATURE	VIB	VIBRATION
SCHED	SCHEDULE	VLV	VALVE
SEC	SECOND	V/NAV	VERTICAL NAVIGATION
SEI	STANDBY ENGINE INDICATOR	VOLT	VOLTAGE
SEL	SELECT	VOR	VHF OMNIDIRECTIONAL RANGE
SELCAL	SELECTIVE CALL	VOX	VOICE
SENS	SENSE	VS	VERSUS
SERV	SERVICE	VTR	VIDEO TAPE REPRODUCER
SLCTD	SELECTED	V/S	VERTICAL SPEED
SLCTR	SELECTOR		W
SP	SPEED		
STA	STATION	WARN	WARNING
STAB	STABILIZER	WHLS	WHEELS
STBY	STANDBY	W/W	WHEEL WELL
STWG	STOWAGE	WX	WEATHER
SW(S)	SWITCH(ES)	WXR	WEATHER RADAR
SYS	SYSTEM		X
	T		
TAS	TRUE AIRSPEED	XMISSION	TRANSMISSION
TAT	TOTAL AIR TEMPERATURE	XPNDR	TRANSPONDER
TBF	TO BE FURNISHED		Y
TCAS	TRAFFIC COLLISION AVOIDANCE SYSTEM		
TE	TRAILING EDGE	Y/D	YAW DAMPER
TEMP	TEMPERATURE		
TFR	TRANSFER		
TMC	THRUST MANAGEMENT COMPUTER		
TMSP	THRUST MODE SELECT PANEL		

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OPERATOR MODEL IDENTIFICATION

The airplane numbers contained on this page are used throughout the manual to distinguish data peculiar to one or more of the airplanes listed below. Where data applies to all airplanes, no reference is made to individual airplane models and the Effectivity Block will reflect "All". An explanation of Effectivity Block usage can be found in the Introduction section of this manual.

Use of this page permits aircrew correlation of configuration differences with specific airplanes by Registry Number within the operator's fleet of model(s) covered in this manual. Configuration data reflects airplane "as delivered" configuration and is updated for Boeing Service Bulletin incorporations.

The operator fleet is as follows:

<u>CUST</u> <u>EFF</u>	<u>Model</u> <u>Number</u>	<u>Tabulation</u> <u>Number</u>	<u>Registry</u> <u>Number</u>	<u>Line</u> <u>Number</u>	<u>Serial</u> <u>Number</u>	<u>Engine</u>
150	383ER	VN151	CS-TLO	257	24318	PW4060
151	383ER	VN152	N984AN	262	24357	PW4060
152	383ER	VN153	G-VKNI	263	24358	PW4060
153	383ER	VN154	UR-VVO	273	24475	PW4060
154	383ER	VN155	UR-VVF	274	24476	PW4060
050	283ER	VF071	XA-TOJ	301	24727	PW4056
051	283ER	VF072	XA-TNS	305	24728	PW4056
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155	383ER	VN156	PH-AHQ	337	24477	PW4060
156	383ER	VN157	UR-VVG	358	24729	PW4060
166	383ER	VN167	5-RMFG	359	25088	PW4060
157	383ER	VN158	TF-FIB	395	25365	PW4060
167	383ER	VN168	CC-CGN	412	26544	PW4060
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277	31AER	VN223	PH-MCI	400	25312	PW4060
280	31AER	VN672	PH-MCL	415	26469	PW4060
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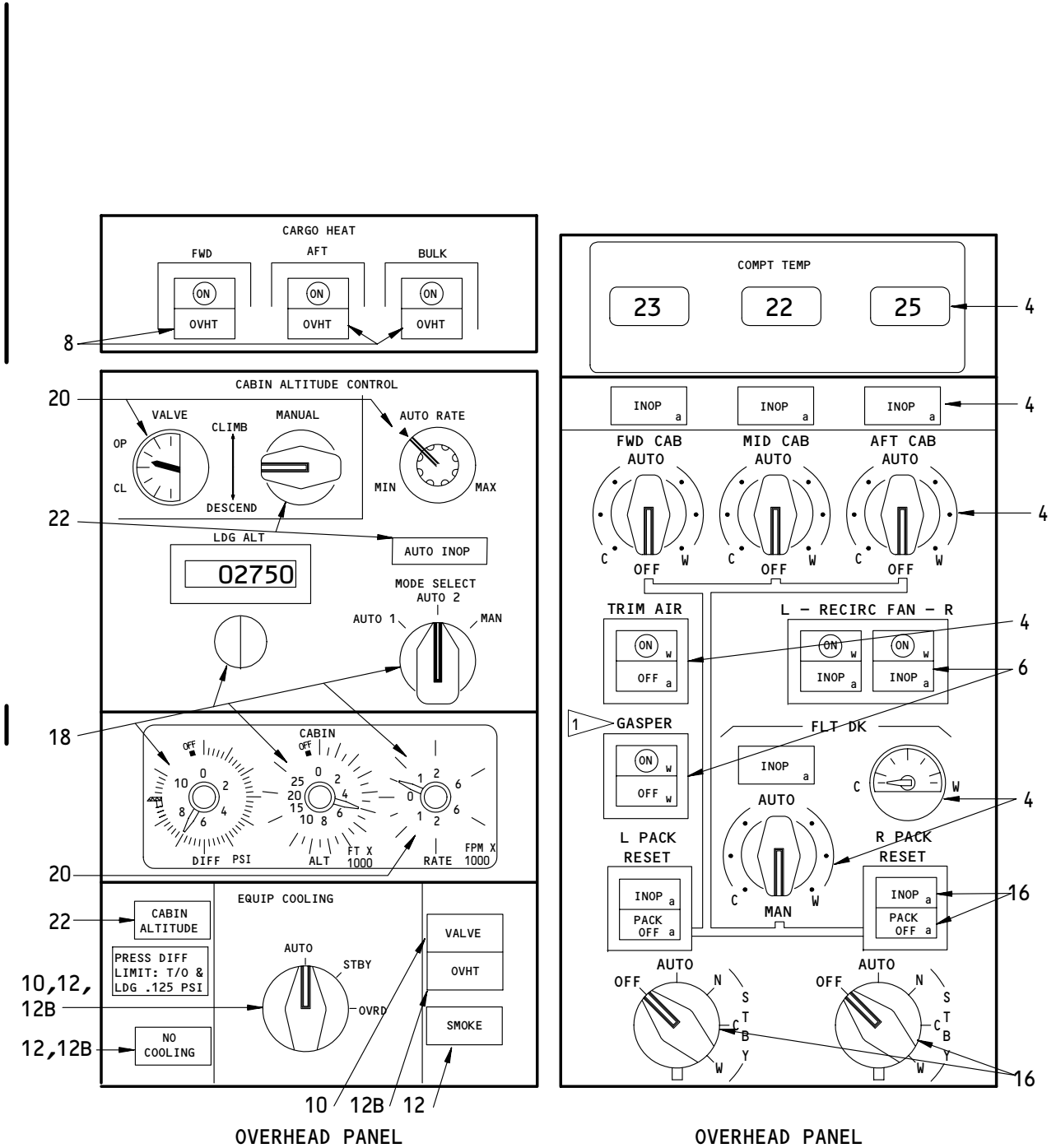
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FAULT REPORTING MANUAL



OVERHEAD PANEL

OVERHEAD PANEL

1 AS INSTALLED

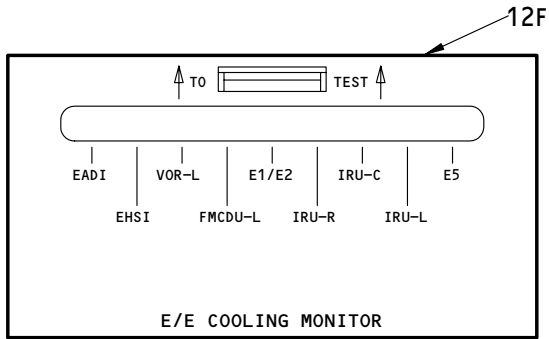
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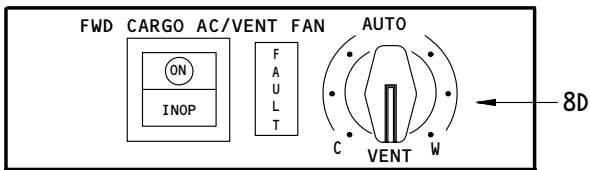
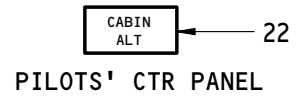
AIR CONDITIONING

336240

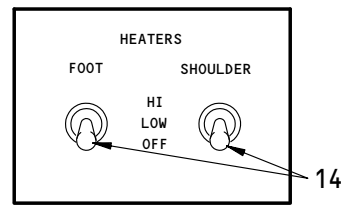
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FAULT REPORTING MANUAL



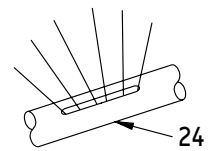
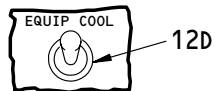
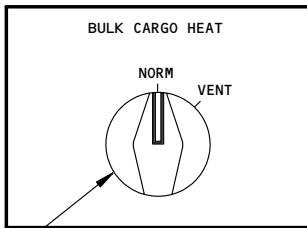
ACCESSORY PANEL



OVERHEAD PANEL



CAPT/F/O SIDE CONSOLES



DUCT RUPTURE
 OR VIBRATION

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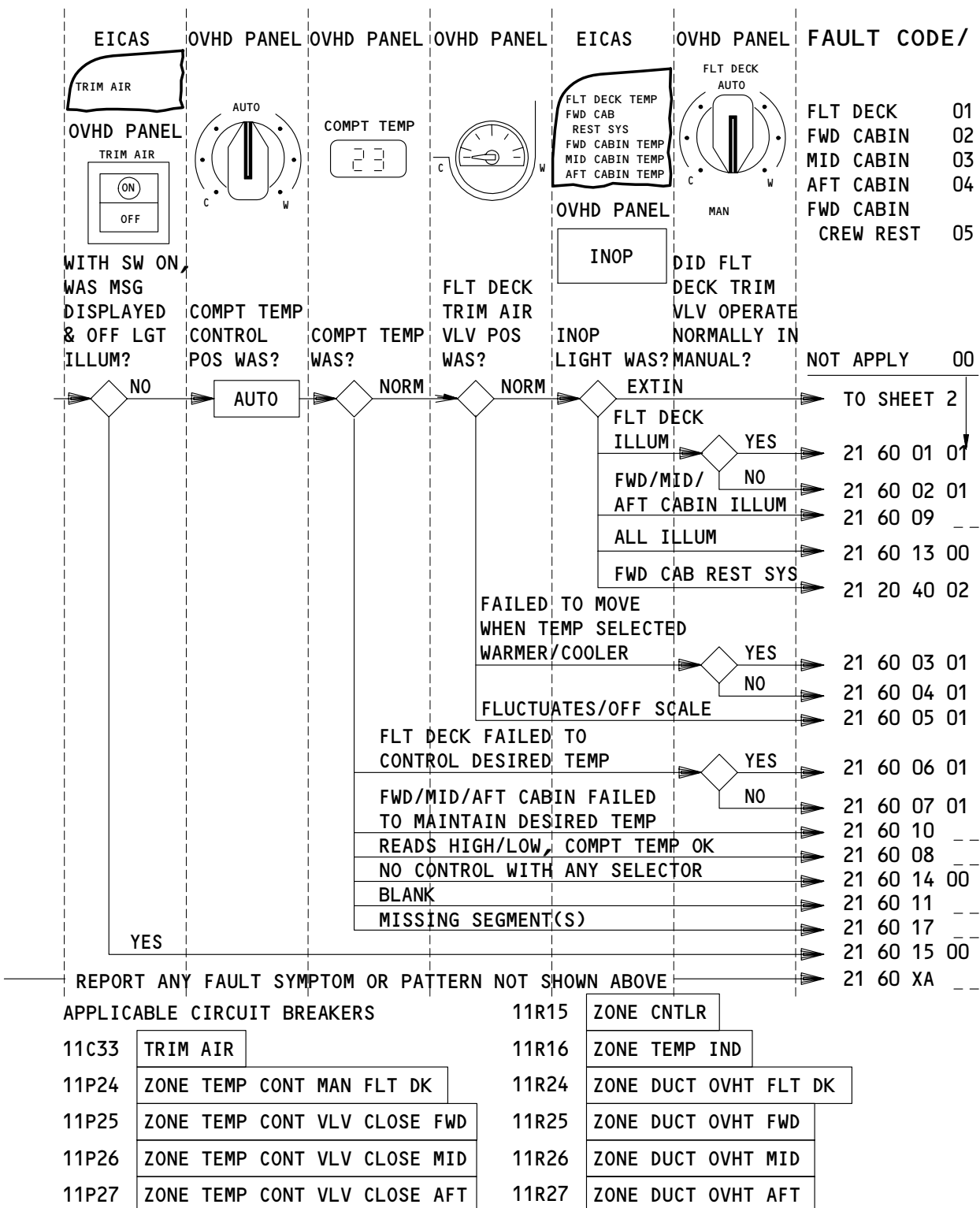
AIR CONDITIONING

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FAULT REPORTING MANUAL



AIR DISTRIBUTION AND TEMPERATURE CONTROL (SHEET 1) – FAULT CODES

EFFECTIVITY
TEMPERATURE INDICATION IN CELSIUS

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
21 60 01 01	EICAS msg: FLT DECK TEMP displayed and flt deck compt temp INOP lgt illum in AUTO. Manual operation norm.
21 60 02 01	EICAS msg: FLT DECK TEMP displayed and flt deck compt temp INOP lgt illum in AUTO. Manual operation not normal. (Describe indications).
21 60 09 --	EICAS msg: (FWD CABIN TEMP, MID CABIN TEMP, AFT CABIN TEMP) displayed (02=Fwd cabin, 03=Mid cabin, 04=Aft cabin, 05=Fwd cab rest sys) compt temp INOP lgt illum.
21 60 13 00	EICAS msgs: FLT DECK TEMP, FWD CABIN TEMP, MID CABIN TEMP, AFT CABIN TEMP displayed and all compt temp INOP lgts illum in AUTO.
21 20 40 02	EICAS msg: FWD CAB REST SYS displayed.
21 60 03 01	Flt deck zone trim valve failed to move in AUTO. Manual operation norm.
21 60 04 01	Flt deck zone trim valve failed to move in AUTO. Manual operation not norm. (Describe indications).
21 60 05 01	Flt deck zone trim valve ind (fluctuates, off scale).
21 60 06 01	Flt deck temp control failed to control desired temp. Manual operation norm.
21 60 07 01	Flt deck temp control failed to control desired temp in AUTO or MAN.
21 60 10 --	(02=Fwd cabin, 03=Mid cabin, 04=Aft cabin) temp control failed to control desired temp.
21 60 08 --	(01=Flt deck, 02=Fwd cabin, 03=Mid cabin, 04=Aft cabin) compt temp ind reads (high, low). Compt temp checked OK.
21 60 14 00	No temperature control with any selector.
21 60 11 --	(01=Flt deck, 02=Fwd cabin, 03=Mid cabin, 04=Aft cabin) compt temp ind blank.
21 60 17 --	(01=Flt deck, 02=Fwd cabin, 03=Mid cabin, 04=Aft cabin) compt temp ind has missing segment(s).
21 60 15 00	EICAS msg TRIM AIR displayed and OFF lgt illum with switch selected ON.
21 60 XA --	Report air distribution and temperature control symptoms or patterns along with fault code.

AIR DISTRIBUTION AND TEMPERATURE CONTROL
 (SHEET 1) – LOG BOOK REPORTS

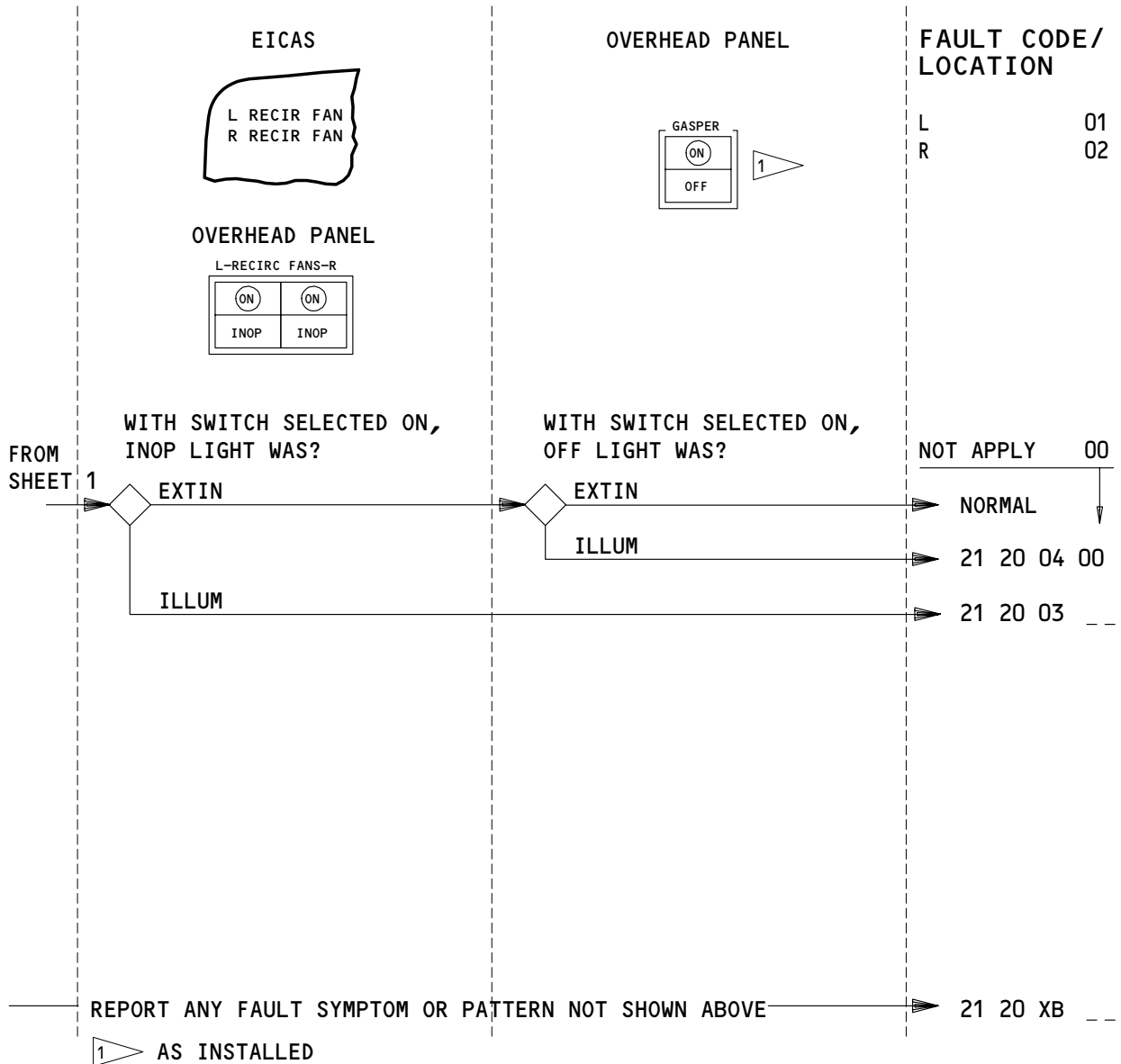
EFFECTIVITY

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AIR CONDITIONING

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APPLICABLE CIRCUIT BREAKERS

11R14	RECIRC FAN L
11R17	GASPER FAN
11R23	RECIRC FAN R

AIR DISTRIBUTION AND TEMPERATURE CONTROL (SHEET 2) – FAULT CODES

EFFECTIVITY

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AIR CONDITIONING

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V73025

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 21 20 04 00 Gasper fan OFF light illum. Switch selected ON.
- 21 20 03 -- EICAS msg: (L, R) RECIR FAN message displayed and (01=L, 02=R) recirc fan INOP light illum, with switch selected ON.
- 21 20 XB -- Report air distribution and temperature control symptoms or patterns along with fault codes.

AIR DISTRIBUTION AND TEMPERATURE CONTROL
(SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY

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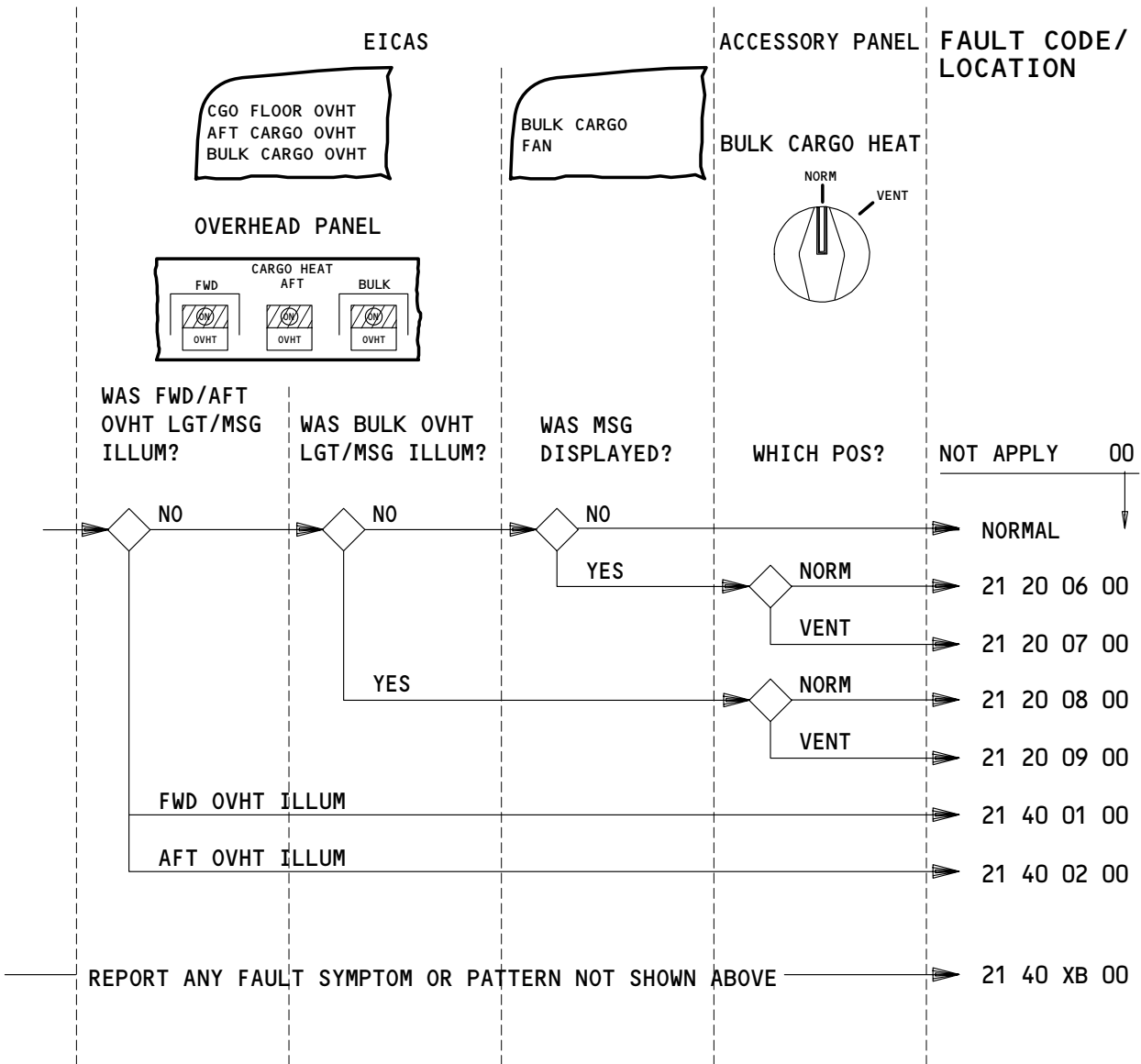
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11N26	BULK CARGO HEAT CONT	11R21	CARGO HEAT OVERRIDE FWD
11N27	BULK CARGO HEAT OVRD	11R22	CARGO HEAT OVERRIDE AFT
11R19	CARGO HEAT CONTROL FWD		
11R19	CARGO HEAT FWD CONT		
11R20	CARGO HEAT CONTROL AFT		
11R20	CARGO HEAT AFT CONT		

CARGO HEAT – FAULT CODES

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AIRPLANES WITH FWD CARGO AIR CONDITIONING

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FAULT CODE	LOG BOOK REPORT
21 20 06 00	EICAS message BULK CARGO FAN displayed. Bulk cargo heat sw in NORM.
21 20 07 00	EICAS message BULK CARGO FAN displayed. Bulk cargo heat sw in VENT.
21 20 08 00	EICAS message BULK CARGO OVHT displayed. Bulk cargo OVHT lgt illum. Bulk cargo heat sw in NORM pos.
21 20 09 00	EICAS message BULK CARGO OVHT displayed. Bulk cargo OVHT lgt illum. Bulk cargo heat sw in VENT pos.
21 40 01 00	EICAS message CGO FLOOR OVHT displayed. Fwd cargo OVHT lgt illum.
21 40 02 00	EICAS message AFT CARGO OVHT displayed. Aft cargo OVHT lgt illum.
21 40 XB 00	Report cargo heat symptoms or patterns along with fault code.

CARGO HEAT – LOG BOOK REPORTS

EFFECTIVITY
AIRPLANES WITH FWD CARGO AIR CONDITIONING

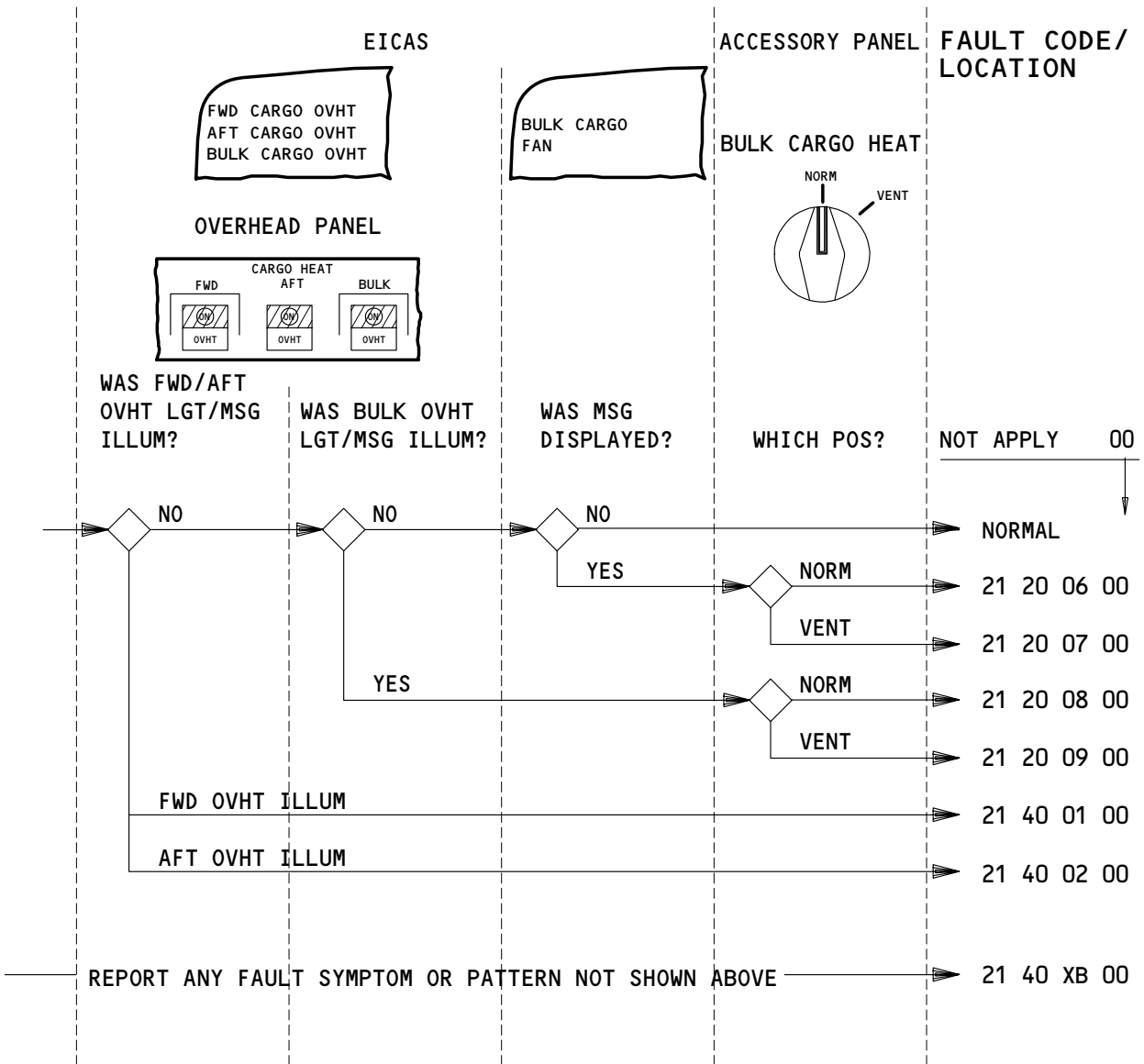
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APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11N26 BULK CARGO HEAT CONT	11R21 CARGO HEAT OVERRIDE FWD
11N27 BULK CARGO HEAT OVRD	11R22 CARGO HEAT OVERRIDE AFT
11R19 CARGO HEAT CONTROL FWD	
11R19 CARGO HEAT FWD CONT	
11R20 CARGO HEAT CONTROL AFT	
11R20 CARGO HEAT AFT CONT	

CARGO HEAT – FAULT CODES

EFFECTIVITY

AIRPLANES WITHOUT FWD CARGO AIR
CONDITIONING

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
21 20 06 00	EICAS message BULK CARGO FAN displayed. Bulk cargo heat sw in NORM.
21 20 07 00	EICAS message BULK CARGO FAN displayed. Bulk cargo heat sw in VENT.
21 20 08 00	EICAS message BULK CARGO OVHT displayed. Bulk cargo OVHT lgt illum. Bulk cargo heat sw in NORM pos.
21 20 09 00	EICAS message BULK CARGO OVHT displayed. Bulk cargo OVHT lgt illum. Bulk cargo heat sw in VENT pos.
21 40 01 00	EICAS message FWD CARGO OVHT displayed. Fwd cargo OVHT lgt illum.
21 40 02 00	EICAS message AFT CARGO OVHT displayed. Aft cargo OVHT lgt illum.
21 40 XB 00	Report cargo heat symptoms or patterns along with fault code.

CARGO HEAT – LOG BOOK REPORTS

EFFECTIVITY

AIRPLANES WITHOUT FWD CARGO AIR
CONDITIONING

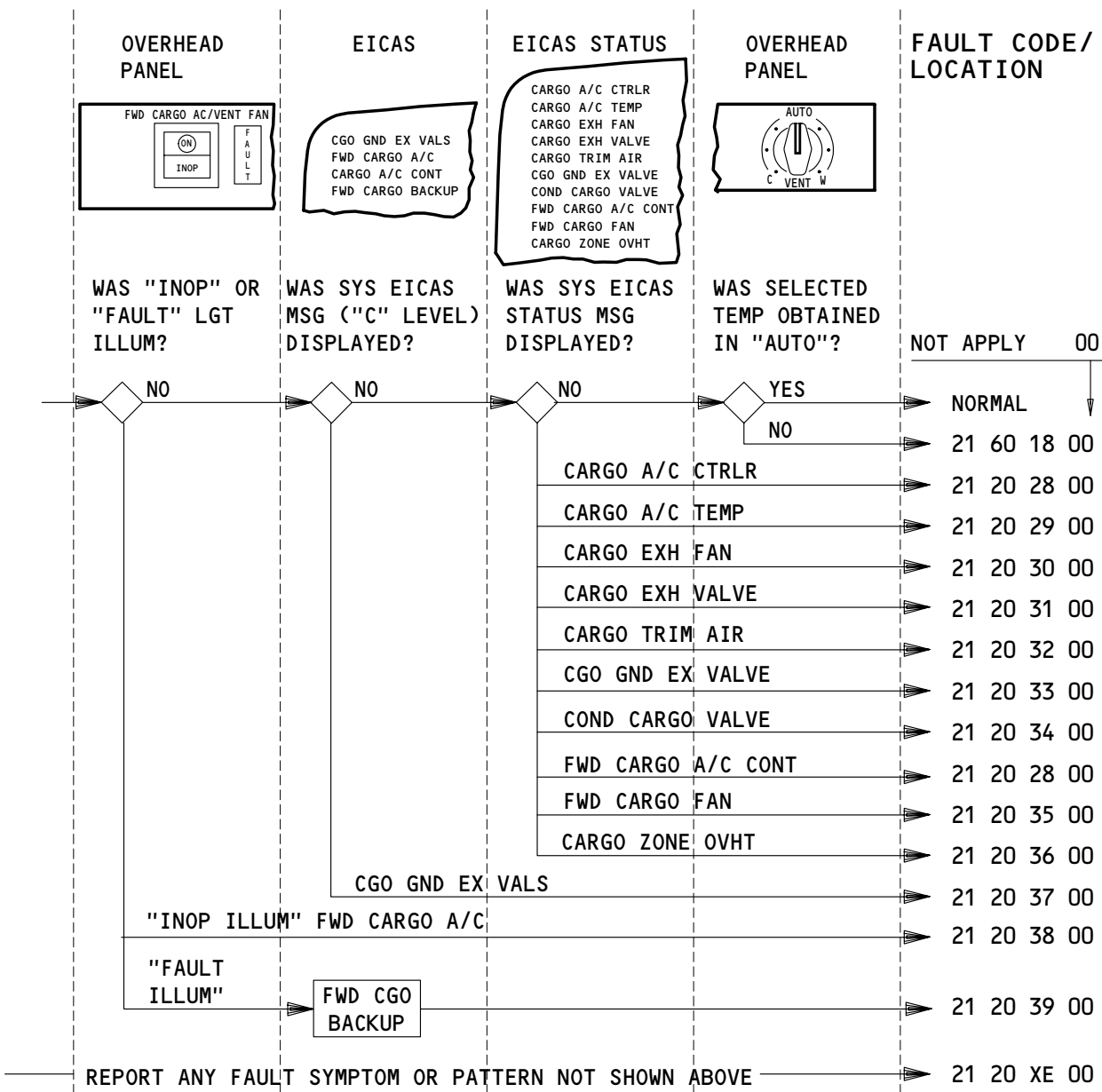
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AIR CONDITIONING

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APPLICABLE CIRCUIT BREAKERS

11C20 EQUIP COOL CARGO EXH VLV

11N22 FWD CARGO DUCT OVHT

11N21 FWD CARGO TEMP CONT

11P21 CARGO A/C & VENT CONT

FWD CARGO AIR CONDITIONING – FAULT CODES

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FAULT CODE	LOG BOOK REPORT
21 60 18 00	Fwd cargo A/C failed to obtain selected temp in auto. No sys related EICAS msg displayed.
21 20 28 00	EICAS STATUS msg CARGO A/C CTRLR displayed.
21 20 29 00	EICAS STATUS msg CARGO A/C TEMP displayed.
21 20 30 00	EICAS STATUS msg CARGO EXH FAN displayed.
21 20 31 00	EICAS STATUS msg CARGO EXH VALVE displayed.
21 20 32 00	EICAS STATUS msg CARGO TRIM AIR displayed.
21 20 33 00	EICAS STATUS msg CGO GND EX VALVE displayed.
21 20 34 00	EICAS STATUS msg COND CARGO VALVE displayed.
21 20 28 00	EICAS STATUS msg FWD CARGO A/C CONT displayed.
21 20 35 00	EICAS STATUS msg FWD CARGO FAN displayed.
21 20 36 00	EICAS STATUS msg CARGO ZONE OVHT displayed.
21 20 37 00	EICAS msg CGO GND EX VALS displayed.
21 20 38 00	Fwd cargo A/C INOP lgt illum. EICAS msg FWD CARGO A/C displayed.
21 20 39 00	Fwd cargo A/C FAULT lgt illum. EICAS msg FWD CGO BACKUP displayed.
21 20 XE 00	Report fwd cargo air conditioning symptoms or patterns along with fault code.

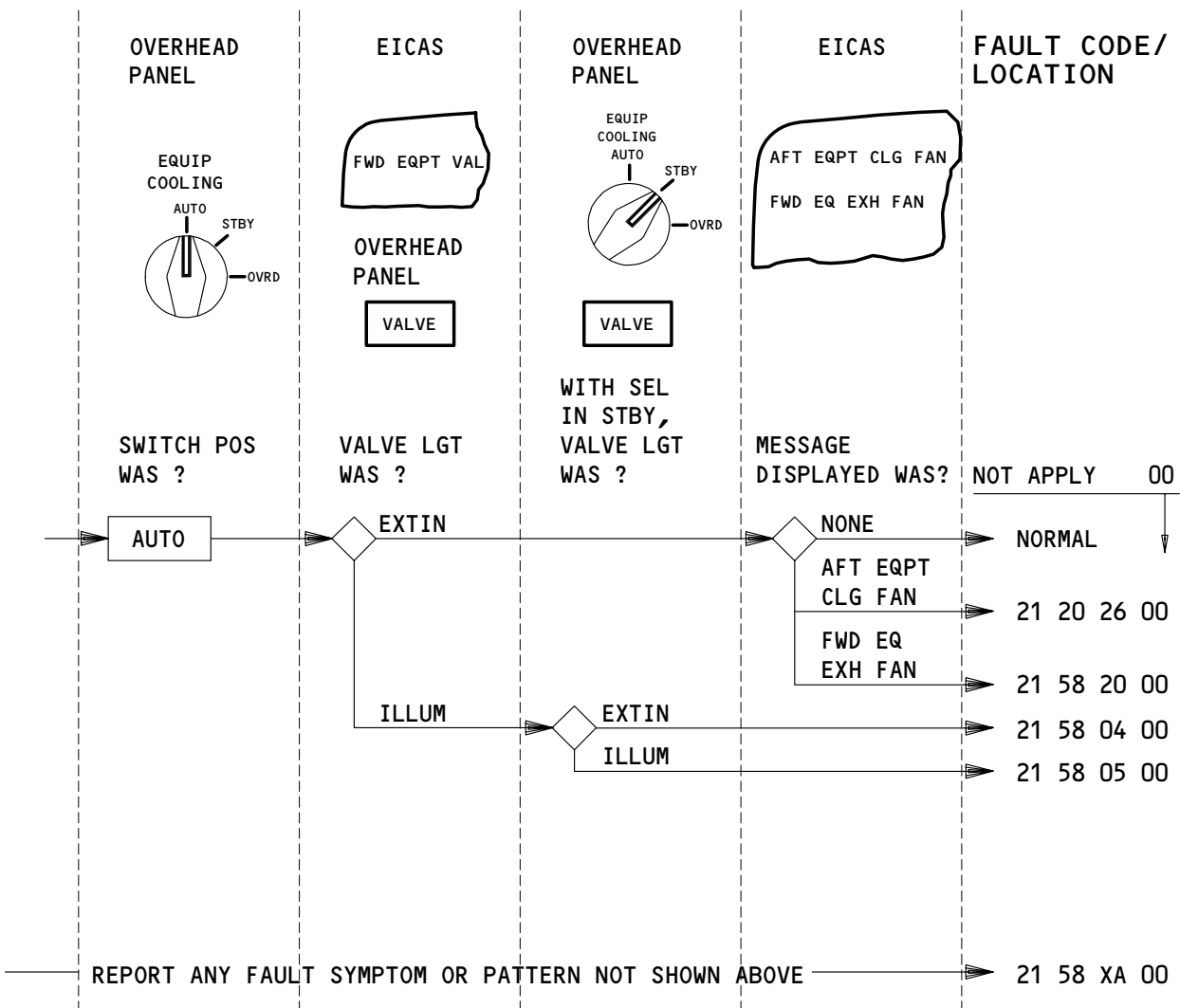
FWD CARGO AIR CONDITIONING – LOG BOOK REPORTS

EFFECTIVITY

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APPLICABLE CIRCUIT BREAKERS

6H18	EQUIP COOL SUPPLY FAN 1
6H21	FWD EXH EQUIP COOL FAN
11B8	STBY EQUIP COOL

EQUIPMENT COOLING

11P10	AFT FAN EXH 2	11P19	AFT FAN EXH 1
11P11	SUPPLY FAN 1	11P21	OVHT/SMOKE VLV IND
11P13	OUTBD VLVS	11P22	EXH FAN FWD

EQUIPMENT COOLING – FAULT CODES

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FAULT CODE	LOG BOOK REPORT
21 20 26 00	EICAS message: AFT EQPT CLG FAN displayed.
21 58 20 00	EICAS message: FWD EQ EXH FAN displayed.
21 58 04 00	EICAS message FWD EQPT VAL displayed. Equipment cooling VALVE lgt illum. STBY selected and VALVE lgt extin.
21 58 05 00	EICAS message FWD EQPT VAL displayed. Equipment cooling VALVE lgt illum. STBY selected and VALVE lgt remained illuminated.
21 58 XA 00	Report equipment cooling symptoms or patterns along with fault code.

EQUIPMENT COOLING – LOG BOOK REPORTS

EFFECTIVITY

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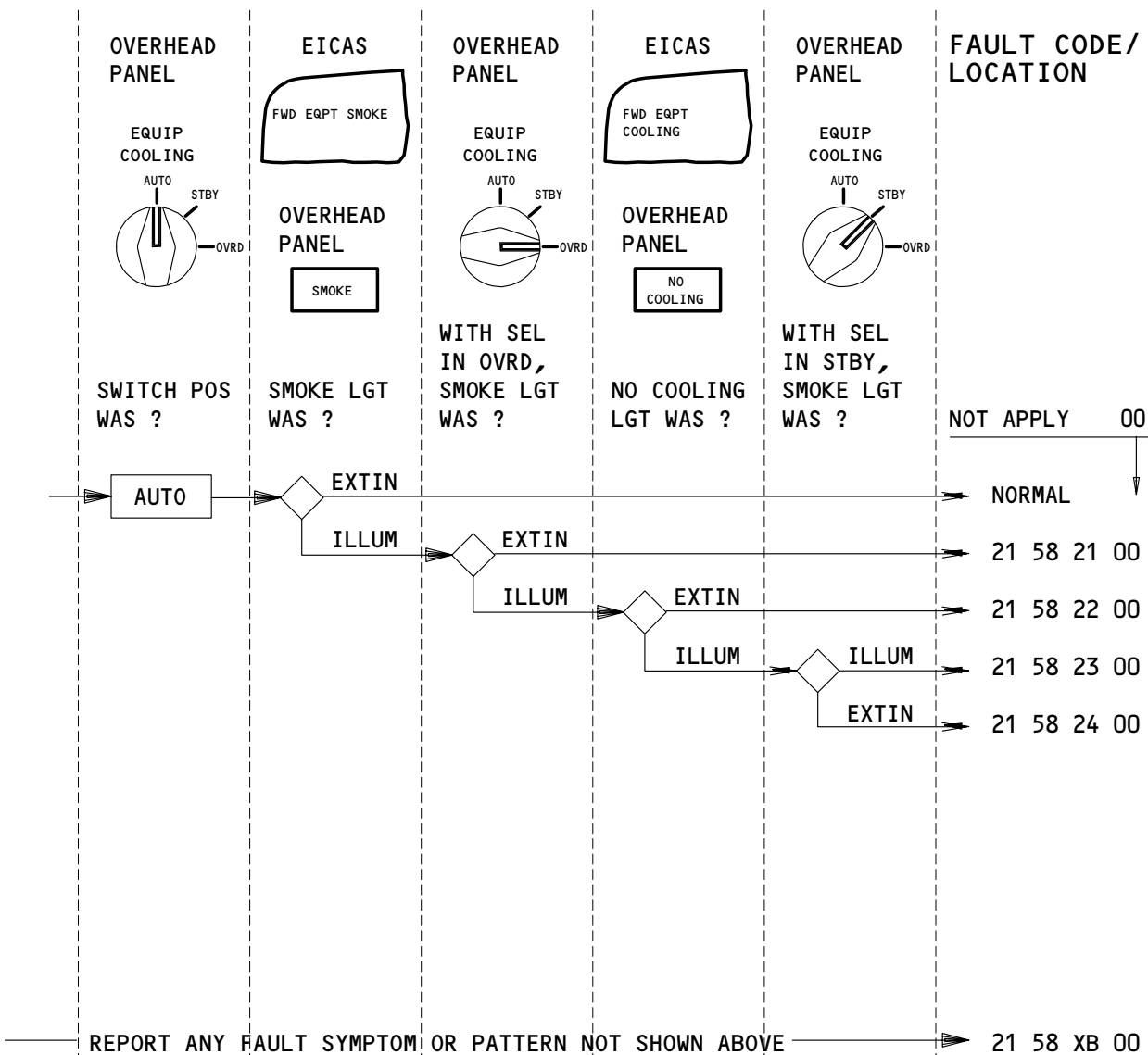
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APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11B8	STBY EQUIP COOL	11P14	CONT
11C19	EQUIP COOL OVRD	11P20	SUPPLY FAN 2
11C20	OVHT/SMOKE VALVE IND	11P21	OVHT/SMOKE VALVE IND
11C20	EQUIP COOL OVHT/SMOKE/VLV IND	11P21	EQUIP COOL OVHT/SMOKE/VLV IND
11P11	SUPPLY FAN 1	11P22	OVHT/SMOKE VALVE IND
11P12	INBD VALVES/VLVS	11P22	EXH FAN FWD
11P13	OUTBD VALVES/VLVS	11P23	EXH FAN FWD

EQUIPMENT COOLING SMOKE - FAULT CODES

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FAULT CODE

LOG BOOK REPORT

21 58 21 00 EICAS msg: FWD EQPT SMOKE displayed and SMOKE lgt illum. Lgt extin after selector was positionnd to OVRD.

21 58 22 00 EICAS msg: FWD EQPT SMOKE displayed and SMOKE lgt illum. Lgt remained illum after selector was positioned to OVRD.

21 58 23 00 EICAS msg: FWD EQPT SMOKE displayed and SMOKE lgt illum. Lgt remained illum after selector was positioned to OVRD and EICAS msg: FWD EQPT COOLING displayed following one minute delay. SMOKE lgt remained illum after selector was positioned to STBY.

21 58 24 00 EICAS msg: FWD EQPT SMOKE displayed and SMOKE lgt illum. Lgt remained illum after selector was positioned to OVRD and EICAS msg: FWD EQPT COOLING displayed following one minute delay. SMOKE lgt extin after selector was positioned to STBY.

21 58 XB 00 Report equipment cooling smoke symptoms or patterns along with fault code.

EQUIPMENT COOLING SMOKE - LOG BOOK REPORTS

EFFECTIVITY

ALL

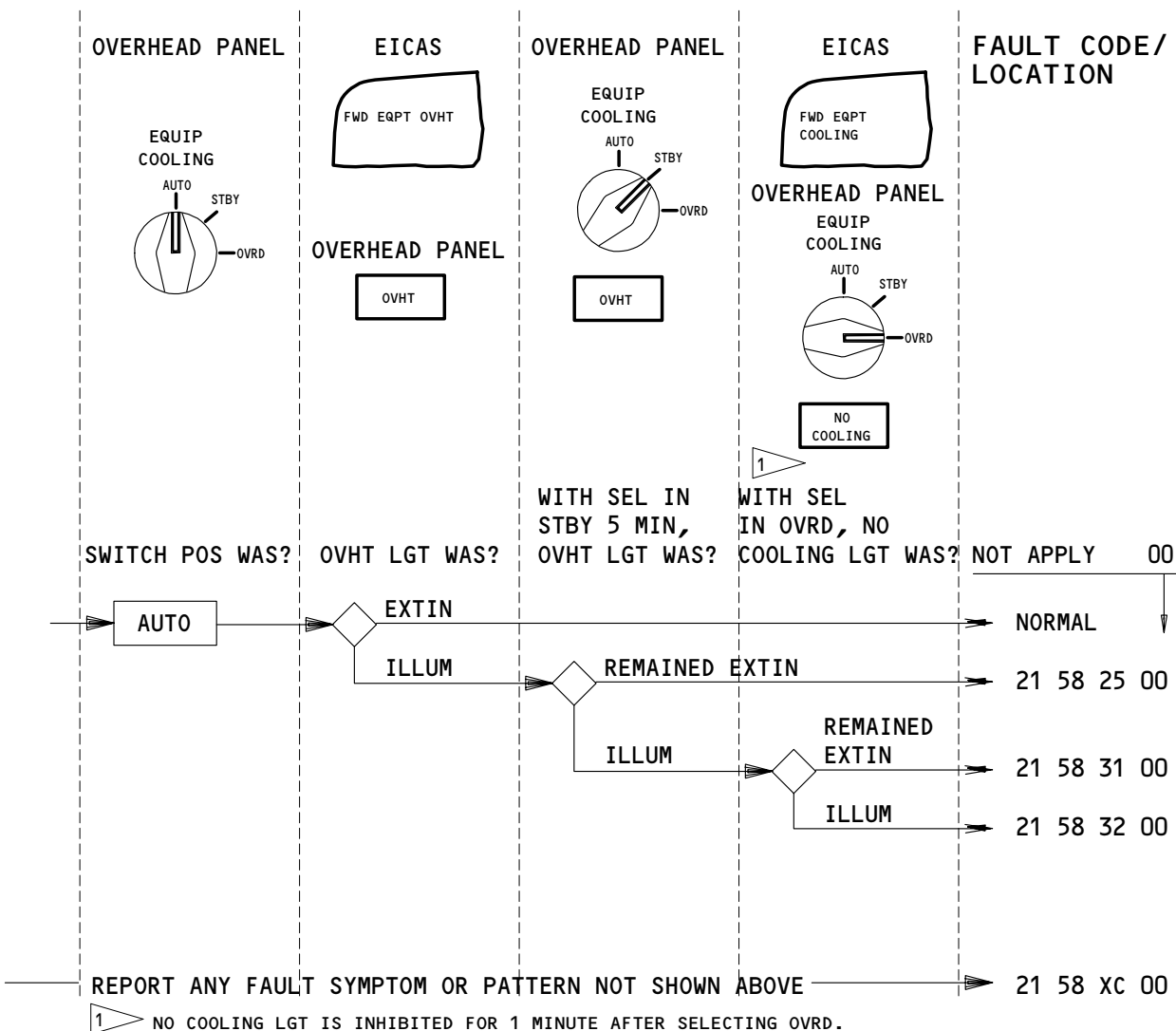
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APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6H18	EQUIP COOL SUPPLY FAN 1	11P13	OUTBD VALVES
6H21	FWD EXH EQUIP COOL FAN	11P14	CONT
6H24	EQUIP COOL SUPPLY FAN 2	11P20	SUPPLY FAN 2
11B8	STBY EQUIP COOL	11P21	OVHT/SMOKE VALVE IND
11C20	OVHT/SMOKE VALVE IND	11P21	EQUIP COOL OVHT/SMOKE/VLV IND
11P10	AFT FAN EXH 2	11P22	OVHT/SMOKE VALVE IND
11P11	SUPPLY FAN 1	11P22	EXH FAN FWD
11P12	INBD VALVES	11P23	EXH FAN FWD

EQUIPMENT COOLING OVERHEAT - FAULT CODES

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AIR CONDITIONING

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 21 58 25 00 EICAS msg: FWD EQPT OVHT displayed and OVHT lgt illum. Lgt remained extin after selector was positioned to STBY.
- 21 58 31 00 EICAS msg: FWD EQPT OVHT displayed and OVHT lgt illum. After selector was positioned to STBY, lgt re-illum following 5 minute delay. Selector was positioned to OVRD.
- 21 58 32 00 EICAS msg: FWD EQPT OVHT displayed and OVHT lgt illum. After selector was positioned to STBY, lgt re-illum following 5 minute delay. After selector was positioned to OVRD, EICAS msg: FWD EQPT COOLING displ and NO COOLING lgt illum.
- 21 58 XC 00 Report equipment cooling overheat symptoms or patterns along with fault code.

EQUIPMENT COOLING OVERHEAT - LOG BOOK REPORTS

EFFECTIVITY

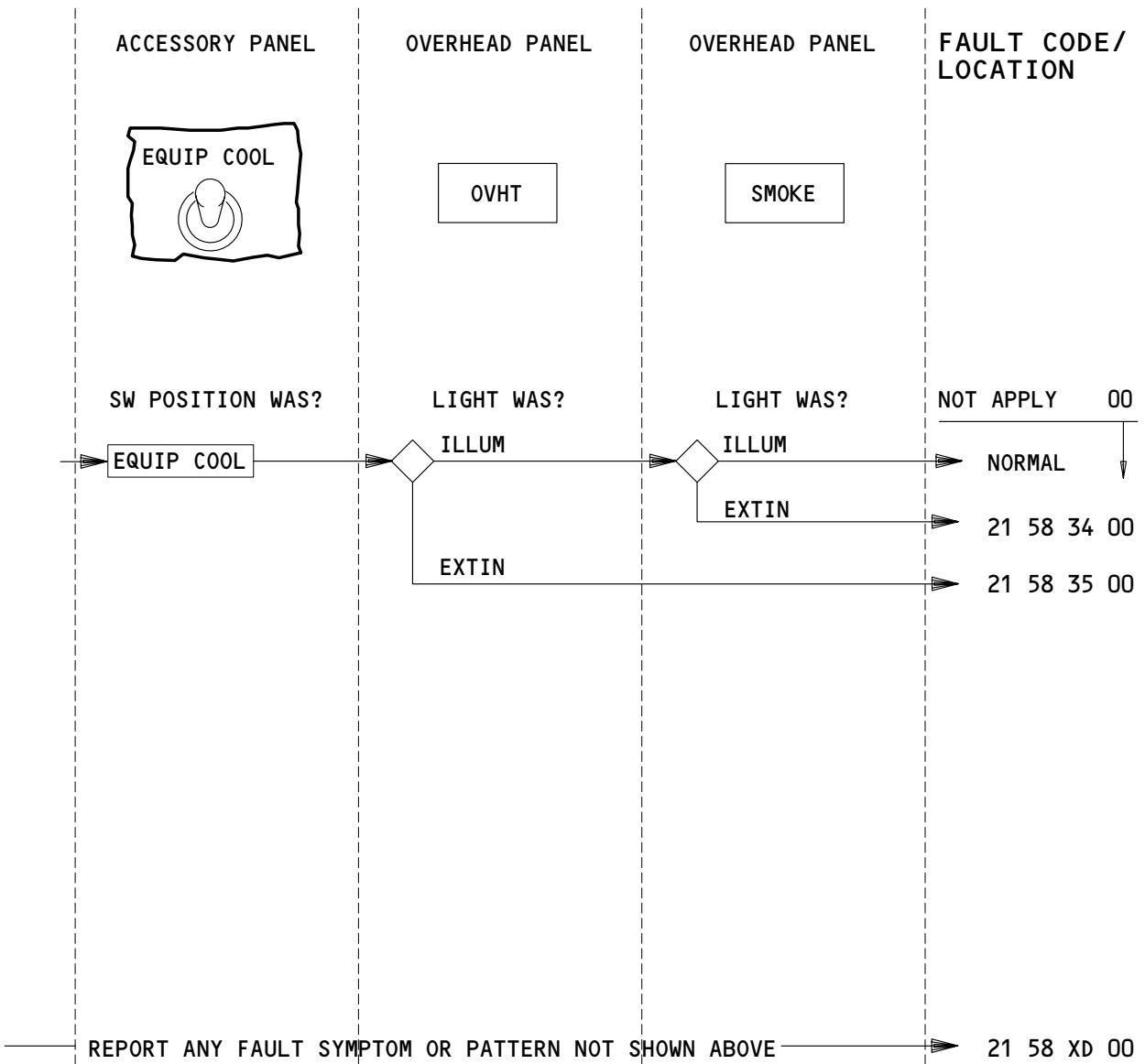
ALL

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AIR CONDITIONING

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6D6	EQUIP COOL GRD WARN
11C20	OVHT/SMOKE VLV/VALVE IND
11P12	INBD VLVS/VALVES
11P21	OVHT/SMOKE VLV IND

EQUIPMENT COOLING TEST – FAULT CODES

EFFECTIVITY
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AIR CONDITIONING

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

21 58 34 00 SMOKE light failed to illum during equipment cooling test.

21 58 35 00 OVHT light failed to illum during equipment cooling test.

21 58 XD 00 Report equipment cooling test symptoms or patterns along with fault code.

EQUIPMENT COOLING TEST - LOG BOOK REPORTS

EFFECTIVITY

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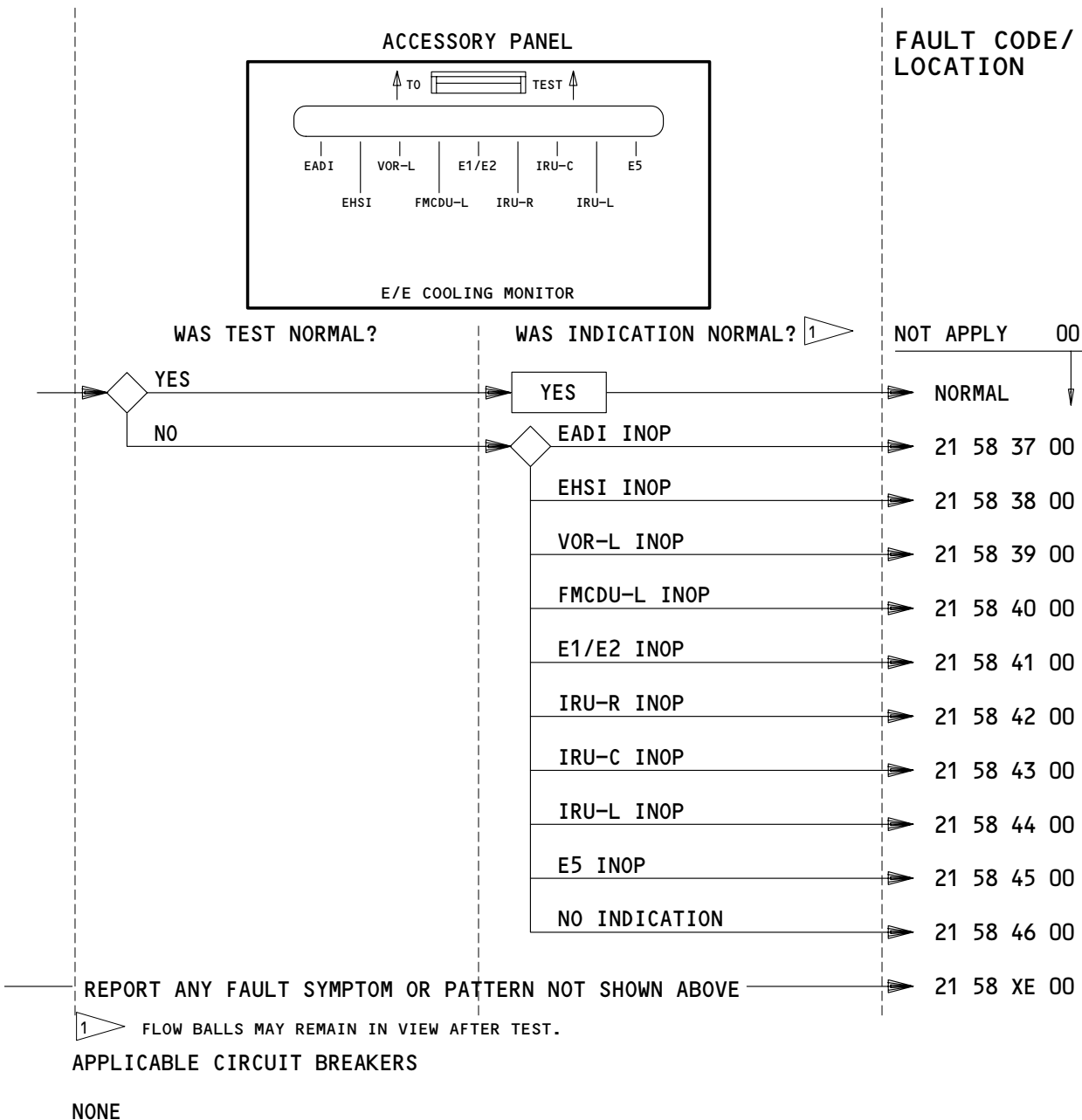
04

AIR CONDITIONING

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FAULT REPORTING MANUAL



EQUIPMENT COOLING MONITOR TEST – FAULT CODES

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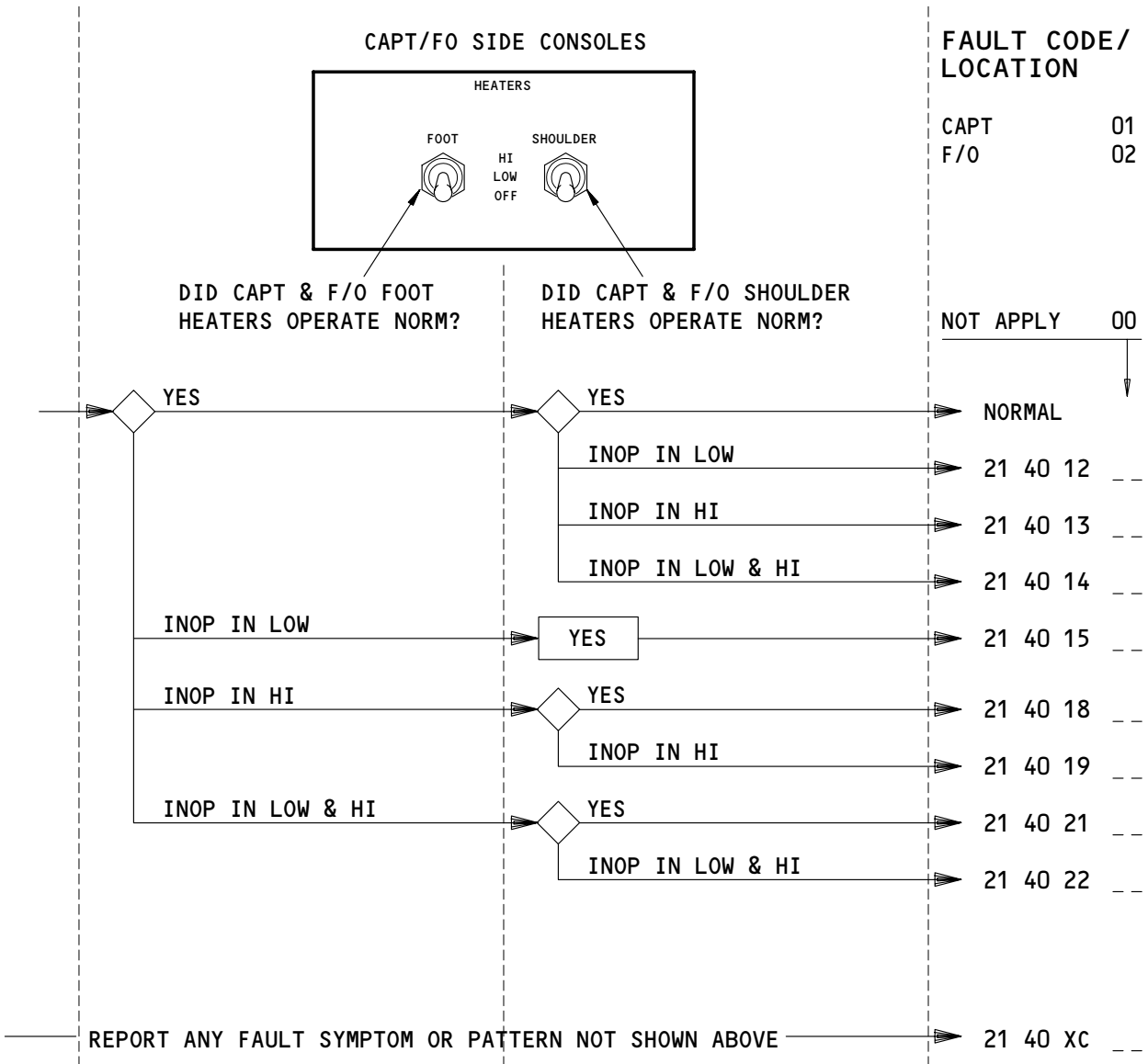
FAULT CODE	LOG BOOK REPORT
21 58 37 00	EADI did not test normal during E/E cooling monitor test.
21 58 38 00	EHSI did not test normal during E/E cooling monitor test.
21 58 39 00	VOR-L did not test normal during E/E cooling monitor test.
21 58 40 00	FMCDU-L did not test normal during E/E cooling monitor test.
21 58 41 00	E1/E2 did not test normal during E/E cooling monitor test.
21 58 42 00	IRU-R did not test normal during E/E cooling monitor test.
21 58 43 00	IRU-C did not test normal during E/E cooling monitor test.
21 58 44 00	IRU-L did not test normal during E/E cooling monitor test.
21 58 45 00	E5 did not test normal during E/E cooling monitor test.
21 58 46 00	There was no indication during E/E cooling monitor test.
21 58 XE 00	Report equipment cooling monitor test symptoms or patterns along with fault code.

EQUIPMENT COOLING MONITOR TEST – LOG BOOK REPORTS

EFFECTIVITY

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

NONE

FLIGHT DECK SUPPLEMENTARY HEATERS – FAULT CODES

EFFECTIVITY

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AIR CONDITIONING

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
21 40 12 __	(01=Capt, 02=F/0) shoulder heater inop in LOW.
21 40 13 __	(01=Capt, 02=F/0) shoulder heater inop in HI.
21 40 14 __	(01=Capt, 02=F/0) shoulder heater inop in LOW & HI.
21 40 15 __	(01=Capt, 02=F/0) foot heater inop in LOW.
21 40 18 __	(01=Capt, 02=F/0) foot heater inop in HI.
21 40 19 __	(01=Capt, 02=F/0) shoulder & foot heater inop in HI.
21 40 21 __	(01=Capt, 02=F/0) foot heater inop in LOW & HI.
21 40 22 __	(01=Capt, 02=F/0) shoulder & foot heater inop in LOW & HI.
21 40 XC __	Report flight deck supplementary heater symptoms or patterns along with fault code.

FLIGHT DECK SUPPLEMENTARY HEATERS – LOG BOOK REPORTS

EFFECTIVITY

ALL

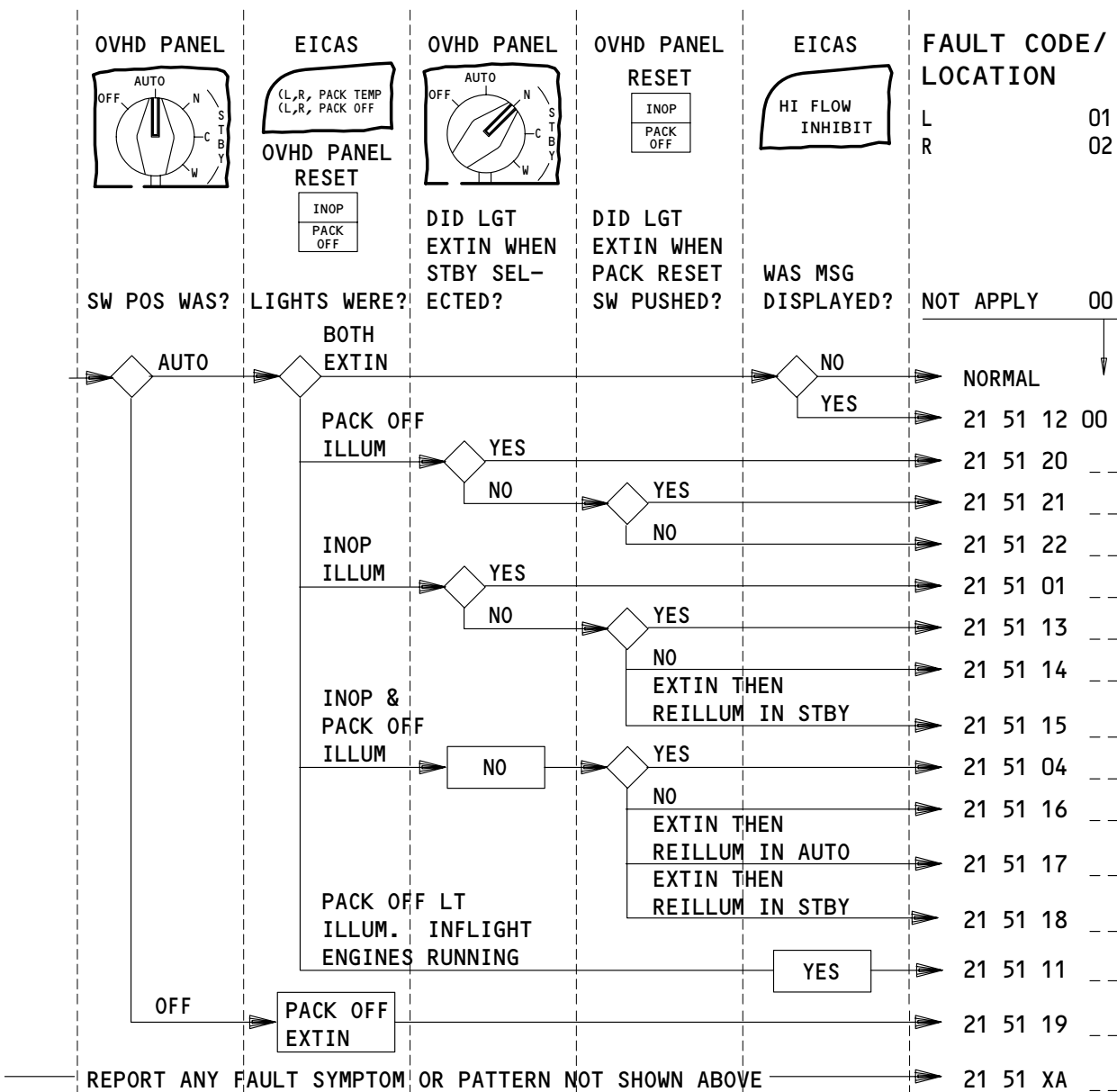
03

AIR CONDITIONING

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A13	L PACK FLOW CONT
11A26	R PACK FLOW CONT
11N10	LEFT PACK AUTO PWR
11N11	LEFT PACK AUTO CONT
11N13	LEFT PACK FLOW CONT
11N15	RIGHT PACK STANDBY PWR

11N16	RIGHT PACK STANDBY CONT
11N17	PACK FLOW IND
11N19	RIGHT PACK AUTO PWR
11N20	RIGHT PACK AUTO CONT
11N22	RIGHT PACK FLOW CONT
11N24	LEFT PACK STANDBY PWR
11N25	LEFT PACK STANDBY CONT

PACK CONTROL - FAULT CODES

EFFECTIVITY

ALL

AIR CONDITIONING

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 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
21 51 12 00	EICAS message HI FLOW INHIBIT displayed during high flow condition.
21 51 20 --	(O1=L, O2=R) PACK OFF light illum. EICAS message (L, R) PACK OFF displayed. Operated norm after STBY selected.
21 51 21 --	(O1=L, O2=R) PACK OFF light illum. EICAS message (L, R) PACK OFF displayed. Light did not extin when STBY selected. Operation normal after RESET pushed.
21 51 22 --	(O1=L, O2=R) PACK OFF light illum. EICAS message (L, R) PACK OFF displayed. Light did not extin when STBY selected and RESET pushed.
21 51 01 --	(O1=L, O2=R) pack INOP light illum. EICAS message (L, R) PACK TEMP displayed. Operated norm after STBY selected.
21 51 13 --	(O1=L, O2=R) pack INOP light illum. EICAS message (L, R) PACK TEMP displayed. Light did not extin when STBY selected. Operation normal after RESET pushed.
21 51 14 --	(O1=L, O2=R) pack INOP light illum. EICAS message (L, R) PACK TEMP displayed. Light did not extin when STBY selected and RESET pushed.
21 51 15 --	(O1=L, O2=R) pack INOP light illum. EICAS message (L, R) PACK TEMP displayed. Light did not extin when STBY selected. RESET pushed, light extin then reillum.
21 51 04 --	(O1=L, O2=R) INOP & PACK OFF lights illum. EICAS message (L, R) PACK OFF displayed. Operation normal after RESET.
21 51 16 --	(O1=L, O2=R) INOP & PACK OFF lights illum. EICAS message (L, R) PACK OFF displayed & would not RESET.
21 51 17 --	(O1=L, O2=R) INOP & PACK OFF lights illum. EICAS message (L, R) PACK OFF displayed. RESET pushed, light extin then reillum in AUTO. Operation normal in STBY.
21 51 18 --	(O1=L, O2=R) INOP & PACK OFF lights illum. EICAS message (L, R) PACK OFF displayed. RESET pushed, light extin then reillum in both AUTO & STBY.

PACK CONTROL (SHEET 1) – LOG BOOK REPORTS

EFFECTIVITY

ALL

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AIR CONDITIONING

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 21 51 11 -- EICAS msg HI FLOW INHIBIT displayed. (O1=L, O2=R) PACK OFF light
light illum during flight with both engines running.
- 21 51 19 -- (O1=L, O2=R) PACK OFF light extin & PACK OFF msg not displayed with
PACK sw. in OFF pos.
- 21 51 XA -- Report pack control symptoms or patterns along with fault code.

PACK CONTROL (SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY

ALL

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AIR CONDITIONING

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FAULT REPORTING MANUAL

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EFFECTIVITY

ALL

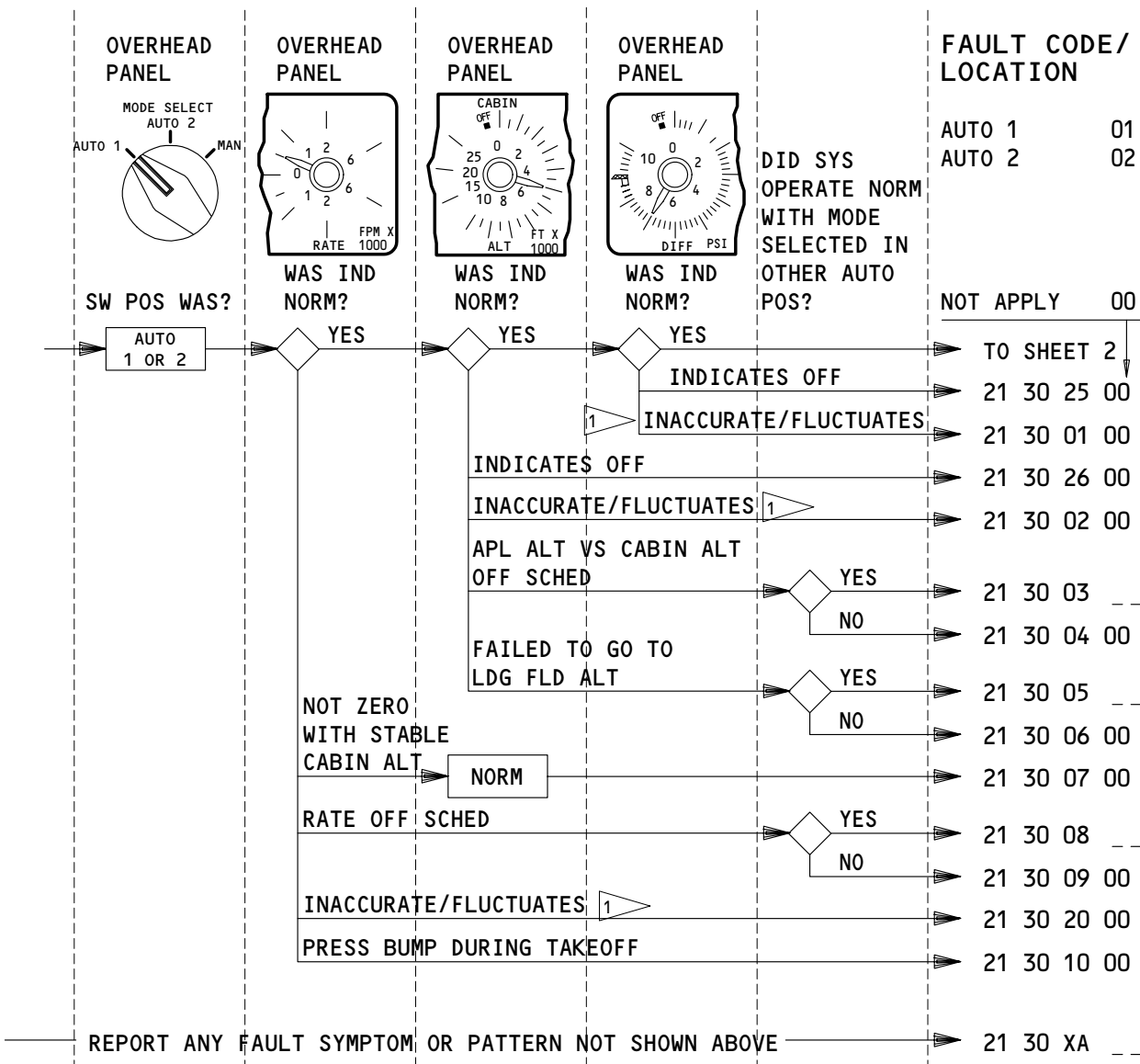
03

AIR CONDITIONING

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FAULT REPORTING MANUAL



¹ THERE MAY BE AN INDICATED DIP IN DIFFERENTIAL PRESS AND CABIN RATE OF CLIMB WHEN OPERATING FUEL CROSSFEED OR ENG ANTI-ICE. INDICATION PROBLEM ONLY, NO EFFECT ON PRESSURIZATION.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11B12	CABIN DIFF PRESS IND	11B15	CABIN ALTITUDE CONTROL/CONT SELECT
11B13	CABIN ALTM	11P15	CABIN ALT/ALTITUDE CONTROL AUTO 1
11B14	CABIN ALTITUDE CONTROL/CONT MANUAL	11P23/24	CABIN ALT/ALTITUDE CONTROL AUTO 2

AUTO CONTROL (SHEET 1) – FAULT CODES

EFFECTIVITY
ALL

AIR CONDITIONING

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
21 30 25 00	Diff press ind pointer in off position. Other indications norm.
21 30 01 00	Diff press ind (inaccurate, fluctuates). Cabin pressurization rate norm.
21 30 26 00	Cabin alt ind pointer in off position. Other indications norm.
21 30 02 00	Cabin alt ind (inaccurate, fluctuates). Cabin pressurization norm.
21 30 03 --	Apl alt vs cabin alt off normal press. schedule when operating in (01=AUTO 1, 02=AUTO 2) mode. Operated OK when other mode was selected.
21 30 04 00	Apl alt vs cabin alt off normal press. schedule when operating in both modes.
21 30 05 --	Cabin alt failed to go to ldg alt when operating in (01=AUTO 1, 02=AUTO 2) mode. Operated OK when other mode was selected.
21 30 06 00	Cabin alt failed to go to ldg alt when operating in both modes.
21 30 07 00	Cabin rate ind not zero with cabin altitude stable.
21 30 08 --	Cabin rate ind does not reflect rate selected when operating in (01=AUTO 1, 02=AUTO 2) mode. Operated OK when other mode was selected.
21 30 09 00	Cabin rate ind does not reflect rate selected when operating in both modes.
21 30 20 00	Cabin rate ind (inaccurate, fluctuates). Cabin pressurization norm.
21 30 10 00	Cabin had press. bump during takeoff. Vertified on cabin rate Ind.
21 30 XA --	Report auto control symptoms or patterns along with fault code.

AUTO CONTROL (SHEET 1) - FAULT CODES

EFFECTIVITY

ALL

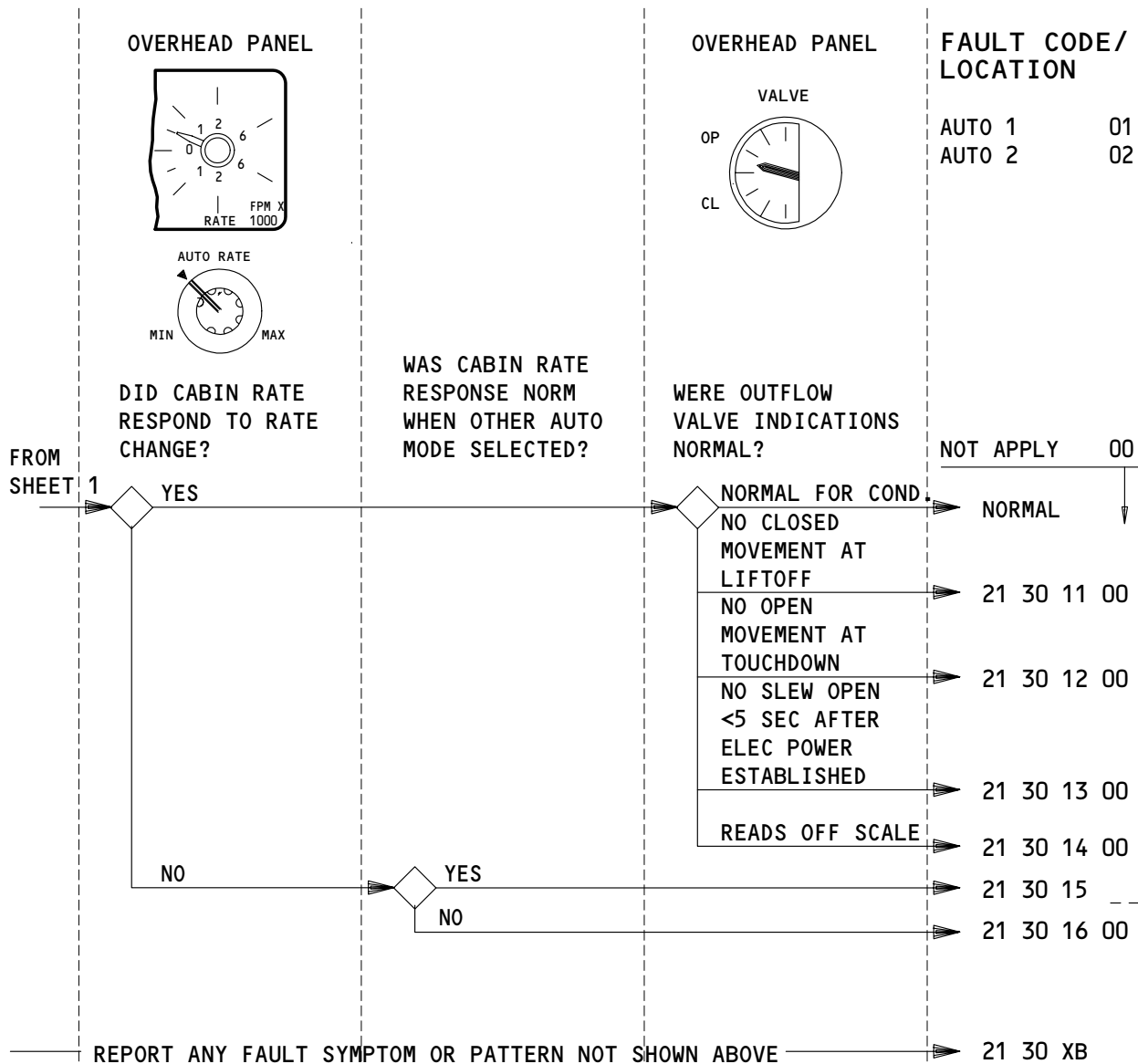
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APPLICABLE CIRCUIT BREAKERS

11B12	CABIN DIFF PRESS IND	11P15	CABIN ALTITUDE CONTROL AUTO 1 OR CABIN/CAB ALT CONTROL AUTO 1
11B13	CABIN ALTM	11P23	CABIN/CAB ALT/ALTITUDE CONTROL AUTO 2
11B14	CABIN ALTITUDE CONTROL MANUAL OR CABIN ALTITUDE CONT MANUAL	11P24	CABIN ALTITUDE CONTROL AUTO 2
11B15	CABIN ALTITUDE CONTROL SELECT OR CABIN ALTITUDE CONT SELECT		

AUTO CONTROL (SHEET 2) – FAULT CODES

EFFECTIVITY

ALL

AIR CONDITIONING

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
21 30 11 00	Outflow valve shows no closed movement at liftoff.
21 30 12 00	Outflow valve did not open after touchdown.
21 30 13 00	Outflow valve did not slew open within five seconds after electrical power was established.
21 30 14 00	Outflow valve indicator reads off scale.
21 30 15 --	When change in auto rate was selected, there was no change in cabin rate. Mode selector was in (01=AUTO 1, 02=AUTO 2). Operation was ok when other auto mode was selected.
21 30 16 00	When change in auto rate was selected, there was no change in cabin rate. Both AUTO 1 & 2 were affected.
21 30 XB --	Report auto control symptoms or patterns along with fault code.

AUTO CONTROL (SHEET 2) - FAULT CODES

EFFECTIVITY

ALL

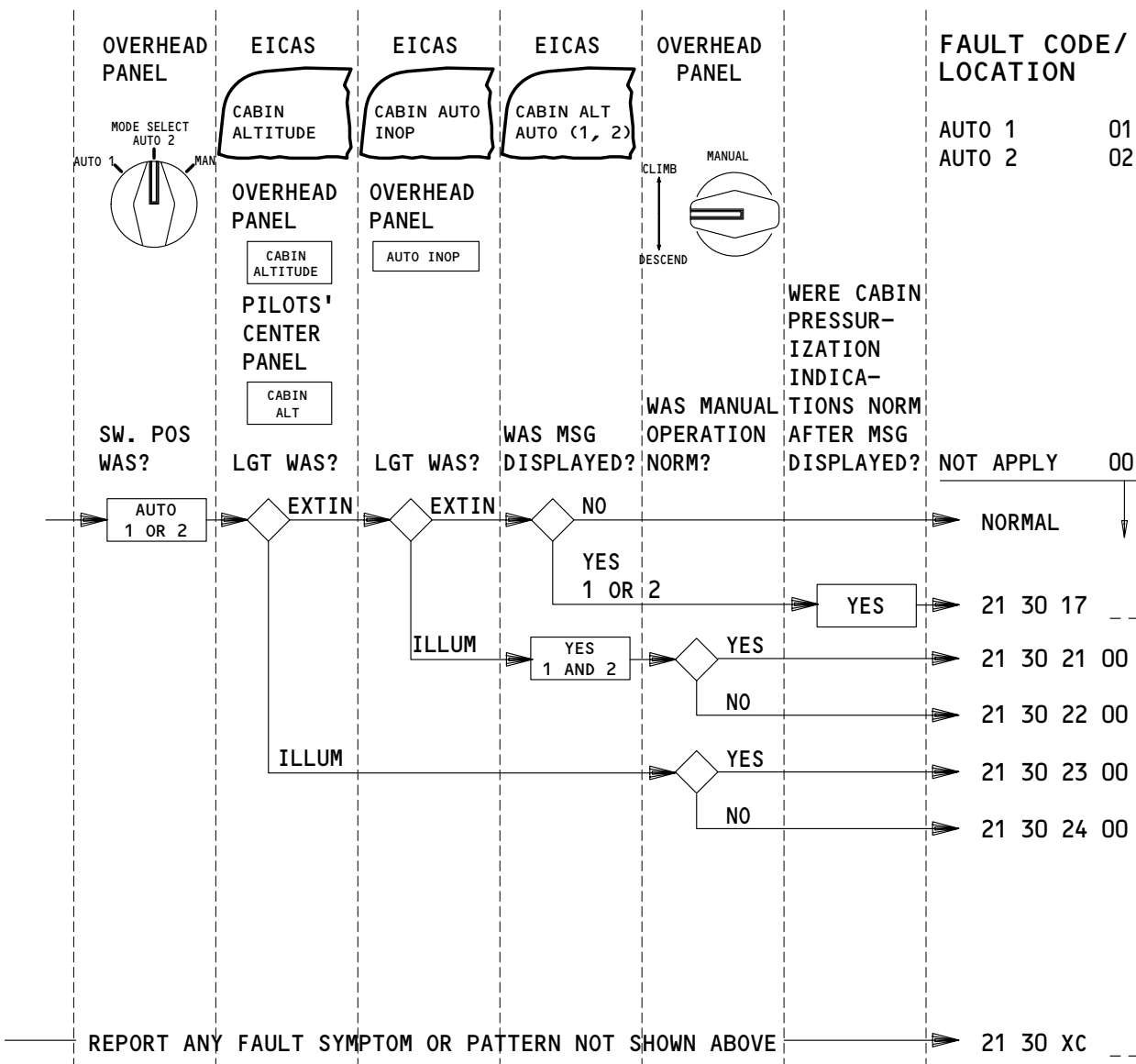
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AIR CONDITIONING

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11B14	CABIN ALTITUDE CONTROL MANUAL	11P15	CABIN ALTITUDE CONTROL AUTO 1
11B14	CABIN ALTITUDE CONT MANUAL	11P15	CABIN/CAB ALT CONTROL AUTO 1
11B15	CABIN ALTITUDE CONTROL SELECT	11P23	CABIN/CAB ALT/ALTITUDE CONTROL AUTO 2
11B15	CABIN ALTITUDE CONT SELECT	11P24	CABIN ALTITUDE CONTROL AUTO 2

CABIN ALTITUDE/AUTO FAIL/CABIN ALT AUTO - FAULT CODES

EFFECTIVITY

ALL

03

AIR CONDITIONING

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
21 30 17 --	EICAS msg CABIN ALT (01=AUTO 1, 02=AUTO 2) displayed. Pressurization norm after msg displayed.
21 30 21 00	AUTO INOP light illum. EICAS msg CABIN AUTO INOP & CABIN ALT AUTO 1 & 2 displayed. Operation in MANUAL mode was ok.
21 30 22 00	AUTO INOP light illum. EICAS msg CABIN AUTO INOP & CABIN ALT AUTO 1 & 2 displayed. Unable to control outflow valve using MANUAL mode.
21 30 23 00	CABIN ALT & CABIN ALTITUDE lights illum, EICAS msg CABIN ALTITUDE was displayed. Operation in MANUAL mode restored cabin press.
21 30 24 00	CABIN ALT & CABIN ALTITUDE lights illum, EICAS msg CABIN ALTITUDE was displayed. Unable to restore cabin press using MANUAL mode. (describe cause of depressurization, if known)
21 30 XC --	Report cabin altitude/auto fail/cabin alt auto symptoms or patterns along with fault code.

CABIN ALTITUDE/AUTO FAIL/CABIN ALT AUTO - LOG BOOK REPORTS

EFFECTIVITY

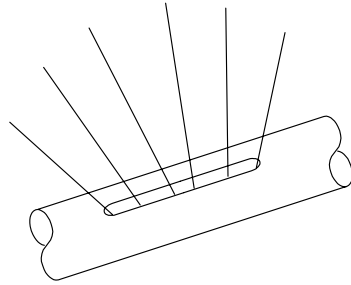
ALL

03

AIR CONDITIONING

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**FAULT CODE/
LOCATION**

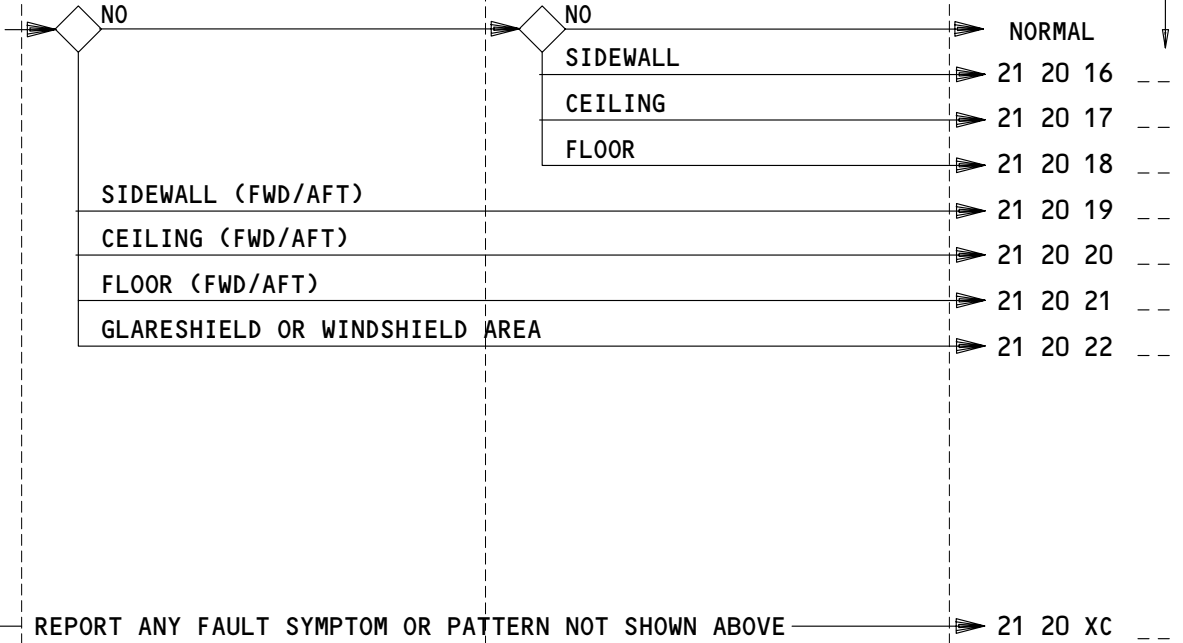
L 01
R 02
C 03

WAS THERE ABNORMAL NOISE OR VIBRATION IN

FLIGHT DECK?

MAIN CABIN? ¹

NOT APPLY 00



¹ IDENTIFY BY NEAREST SEAT ROW, GALLEY OR LAVATORY

APPLICABLE CIRCUIT BREAKERS.
NONE

AIR CONDITIONING NOISE AND VIBRATION – FAULT CODES

EFFECTIVITY

ALL

03

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
21 20 16 --	Abnormal (noise, vibration) in (01=L, 02=R) main cabin sidewall. Most noticeable by (identify by nearest seat row, galley, or lavatory).
21 20 17 --	Abnormal (noise, vibration) in (01=L, 02=R, 03=C) main cabin ceiling. Most noticeable by (identify by nearest seat row, galley, or lavatory).
21 20 18 --	Abnormal (noise, vibration) in (01=L, 02=R, 03=C) main cabin floor. Most noticeable by (identify by nearest seat row, galley, or lavatory).
21 20 19 --	Abnormal (noise, vibration) in (01=L, 02=R) sidewall. (Fwd, Aft) flight deck area.
21 20 20 --	Abnormal (noise, vibration) in (01=L, 02=R, 03=C) ceiling. (Fwd, Aft) flight deck area.
21 20 21 --	Abnormal (noise, vibration) in (01=L, 02=R, 03=C) floor. (Fwd, Aft) flight deck area.
21 20 22 --	Abnormal (noise, vibration) around (01=L, 02=R) (glareshield, windshield) area.
21 20 XC --	Report air conditioning noise and vibration symptoms or patterns along with fault code.

AIR CONDITIONING NOISE AND VIBRATION – LOG BOOK REPORTS

EFFECTIVITY

ALL

03

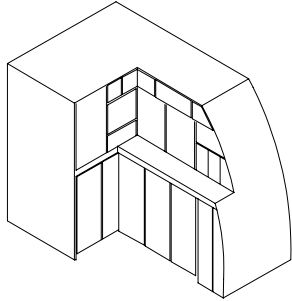
AIR CONDITIONING

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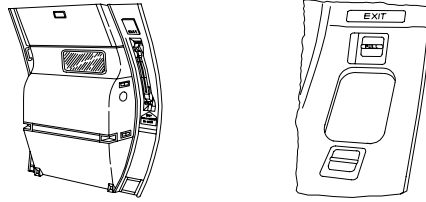
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FAULT REPORTING MANUAL

GALLEY (TYPICAL)



MAIN CABIN AREA



**FAULT CODE/
LOCATION**

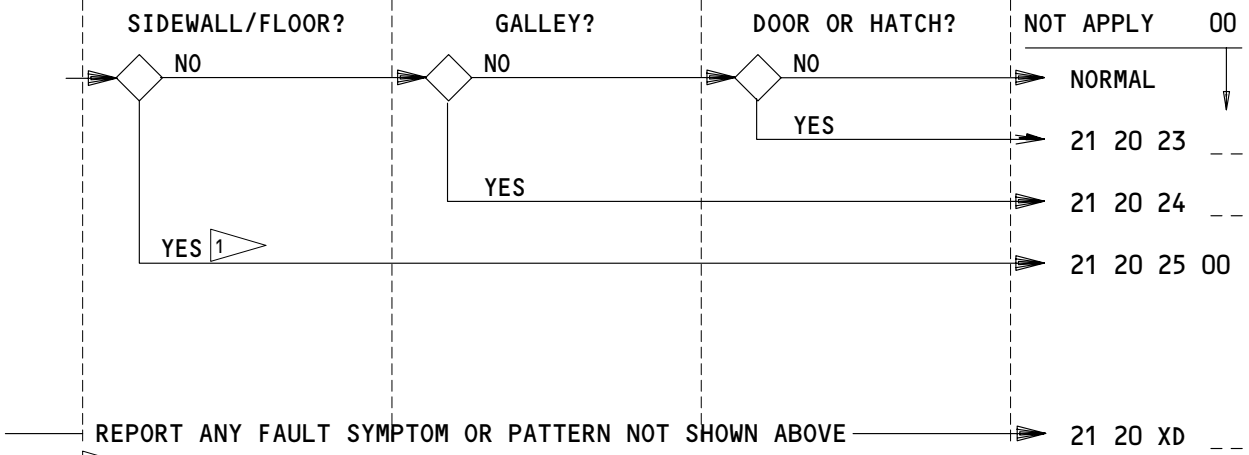
GALLEYS

FWD	01
MID	02
AFT	03

DOORS/HATCHES

L FWD	04
R FWD	05
L EMER	06
R EMER	07
L AFT	08
R AFT	09
L FWD EMER	12
R FWD EMER	13
L AFT EMER	14
R AFT EMER	15
NOT APPLY	00

WAS THERE A COLD AREA IN



- 1 > LOCATE BY NEAREST SEAT OR ROW.
- 2 > LOCATION AS INSTALLED

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11R2 FWD DOOR AREA HTR CONT

AIR CONDITIONING COLD AREAS – FAULT CODES

EFFECTIVITY

ALL

04

AIR CONDITIONING

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | | | |
|----------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 21 20 23 | -- | Cold air is evident (04=L Fwd, 05=R Fwd, 06= L Emer, 07=R Emer, 08=L Aft, 09=R Aft, 12=L Fwd Emer, 13=R Fwd Emer, 14=L Aft Emer, 15=R Aft Emer) door area. |
| 21 20 24 | -- | Cold air in (01=Fwd, 02=Mid, 03=Aft,) galley area (locate area, floor, ceiling, etc). |
| 21 20 25 | 00 | Cold air at (identify by nearest seat or row) (sidewall, floor, sidewall/floor) area. |
| 21 20 XD | -- | Report air conditioning cold areas symptoms or patterns along with fault codes. |

AIR CONDITIONING COLD AREAS – LOG BOOK REPORTS

EFFECTIVITY

ALL

05

AIR CONDITIONING

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AUTO FLIGHT

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AUTOPILOT	REFER TO MODE SELECTED
AUTOPILOT DISC.....	REFER TO MODE SELECTED
AUTOTHROT DISC.....	22
(L, R) YAW DAMPER.....	20

EICAS MESSAGES

EFFECTIVITY

ALL

33

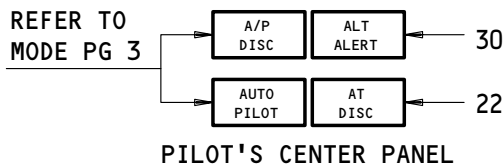
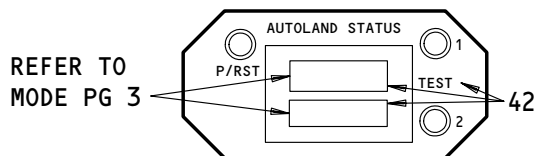
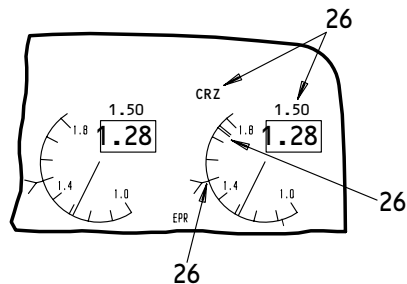
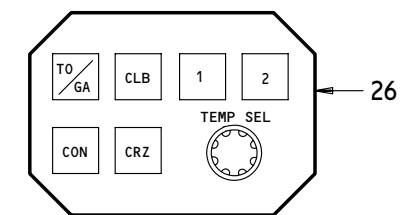
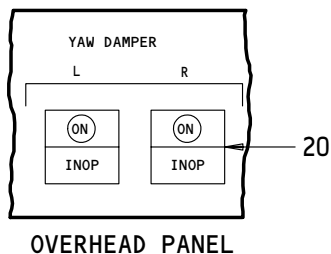
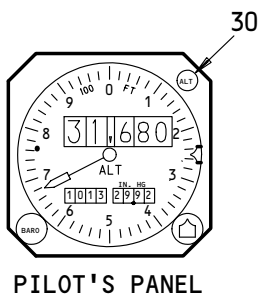
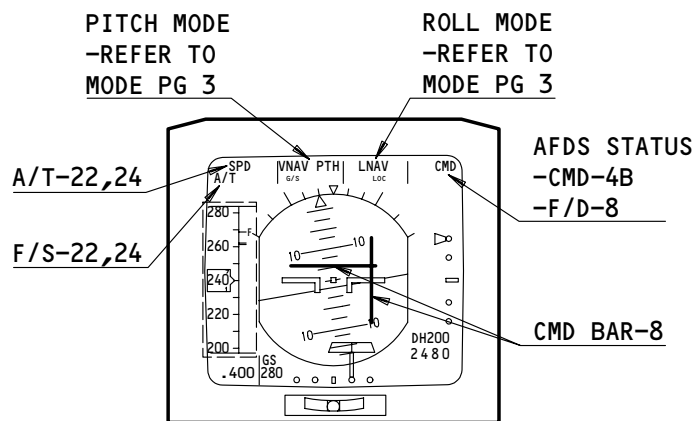
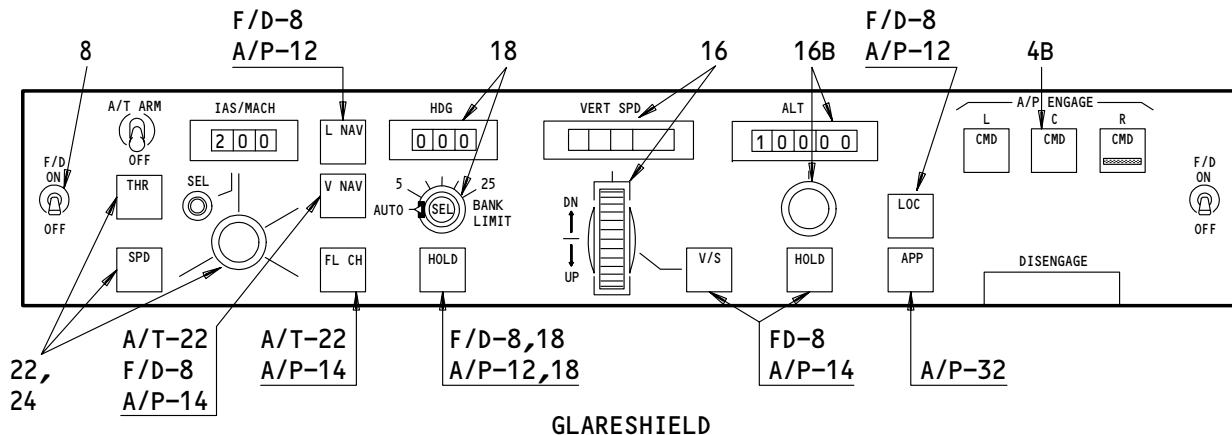
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AUTO FLIGHT

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EFFECTIVITY

ALL

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AUTO FLIGHT

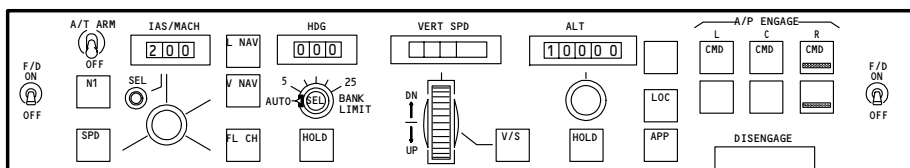
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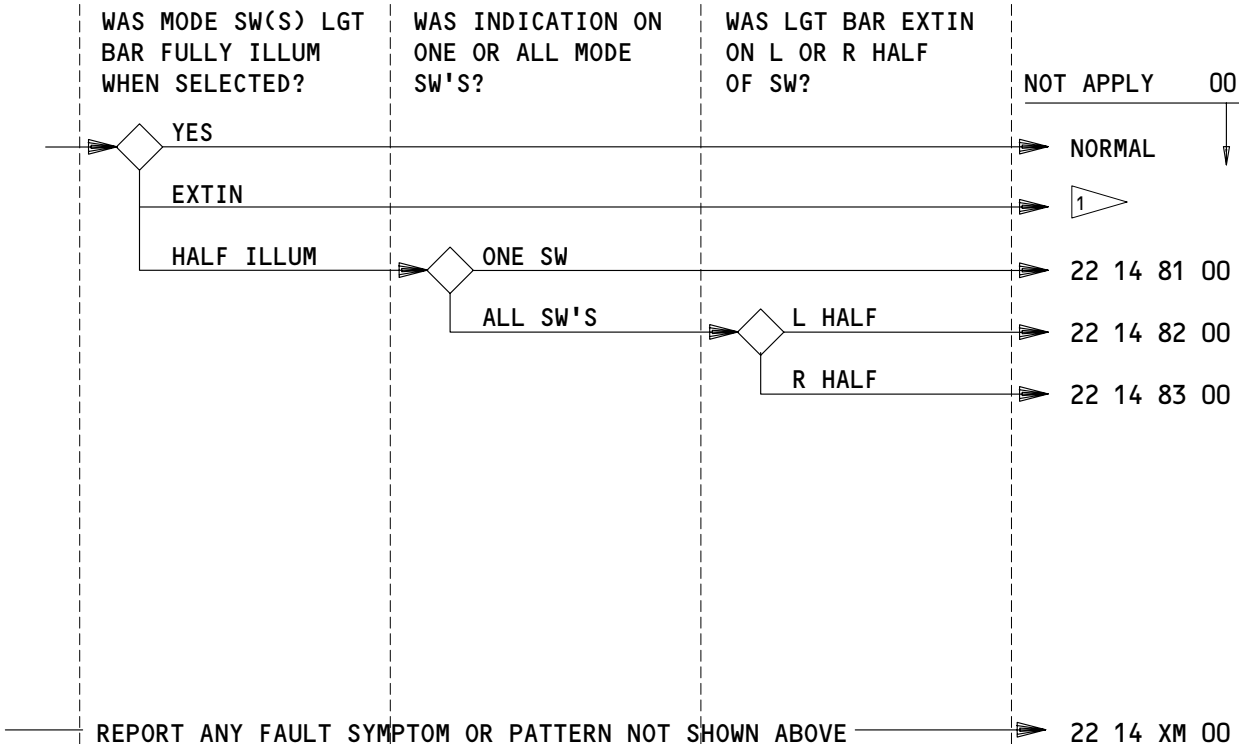
FAULT REPORTING MANUAL

GLARESHIELD

2 3



FAULT CODE/ LOCATION



- 1 SEE FAULT CODES FOR MODE SELECTED.
- 2 N1 OR EPR OR THR AS INSTALLED.
- 3 B/CRS, CWS AS INSTALLED.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17 AUTO FLIGHT WARN	11E21 (CENTER) FLT CONT CMPTR SERVO (C)
11E9 FMCS CMPTR L	11E30 FMCS CMPTR R
11E16 MODE CONT PNL L	11E34 MODE CONT PNL R
11E17 FLT CONT CMPTR PWR L	11E35 (RIGHT) FLT CONT CMPTR PWR (R)
11E18 FLT CONT CMPTR SERVO L	11E36 (RIGHT) FLT CONT CMPTR SERVO (R)
11E20 (CENTER) FLT CONT CMPTR PWR (C)	11F15 TMC DC

MODE CONTROL PANEL – FAULT CODES

EFFECTIVITY

ALL

01

AUTO FLIGHT

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

22 14 81 00 MCP, ___ mode sw lgt bar half illum when selected.
22 14 82 00 MCP, all mode switches L half of lgt bar extin when selected.
22 14 83 00 MCP, all mode switches R half of lgt bar extin when selected.

22 14 XM 00 Report mode control panel symptoms or patterns along with fault code.

MODE CONTROL PANEL - LOG BOOK REPORTS

115767

EFFECTIVITY

ALL

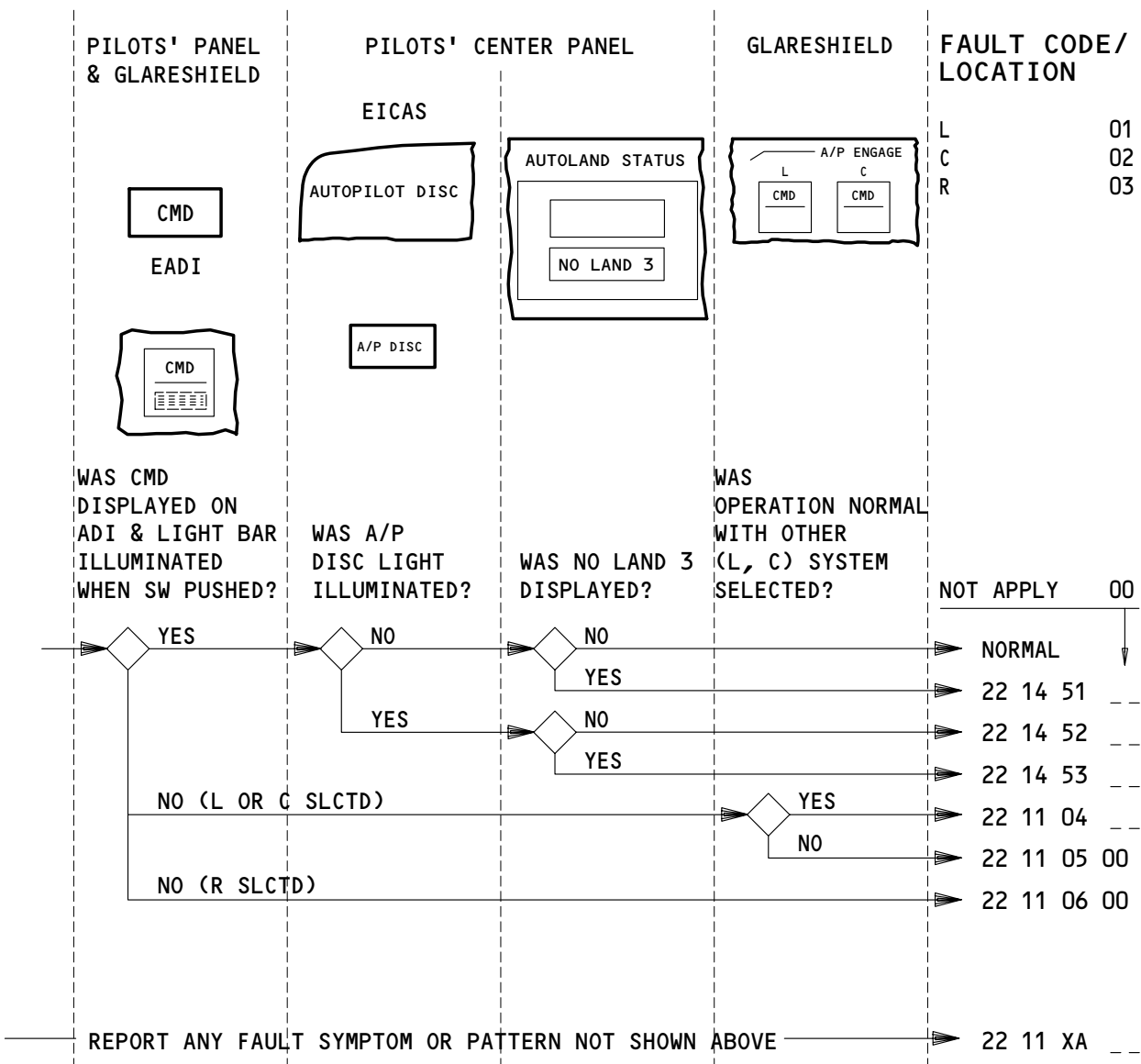
03

AUTO FLIGHT

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

AUTOPILOT (COMMAND) – FAULT CODES

EFFECTIVITY

ALL

01

AUTO FLIGHT

PAGE 4B
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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 14 51 --	NO LAND 3 displayed on ASA with (01=L, 02=C, 03=R) A/P sys engaged in CMD.
22 14 52 --	A/P DISC lgt illum and EICAS msg AUTOPILOT DISC displayed with ((01=L, 02=C, 03=R) A/P sys engaged in CMD. NO LAND 3 not displayed on ASA.
22 14 53 --	A/P DISC lgt illum, EICAS msg AUTOPILOT DISC displayed and NO LAND 3 displayed on ASA with (01=L, 02=C, 03=R) A/P sys engaged in CMD.
22 11 04 --	CMD not displayed on ADI and sw lgt bar not illum when (01=L, 02=C) CMD sw pushed for engagement. Operation norm with (L, C) sys selected.
22 11 05 00	CMD not displayed on ADI and sw lgt bar not illum when either L or C CMD sw pushed for engagement.
22 11 06 00	CMD not displayed on ADI and sw lgt bar not illum when R CMD sw pushed for engagement.
22 11 XA --	Report autopilot (command) symptoms or patterns along with fault code.

AUTOPILOT (COMMAND) - LOG BOOK REPORTS

EFFECTIVITY

ALL

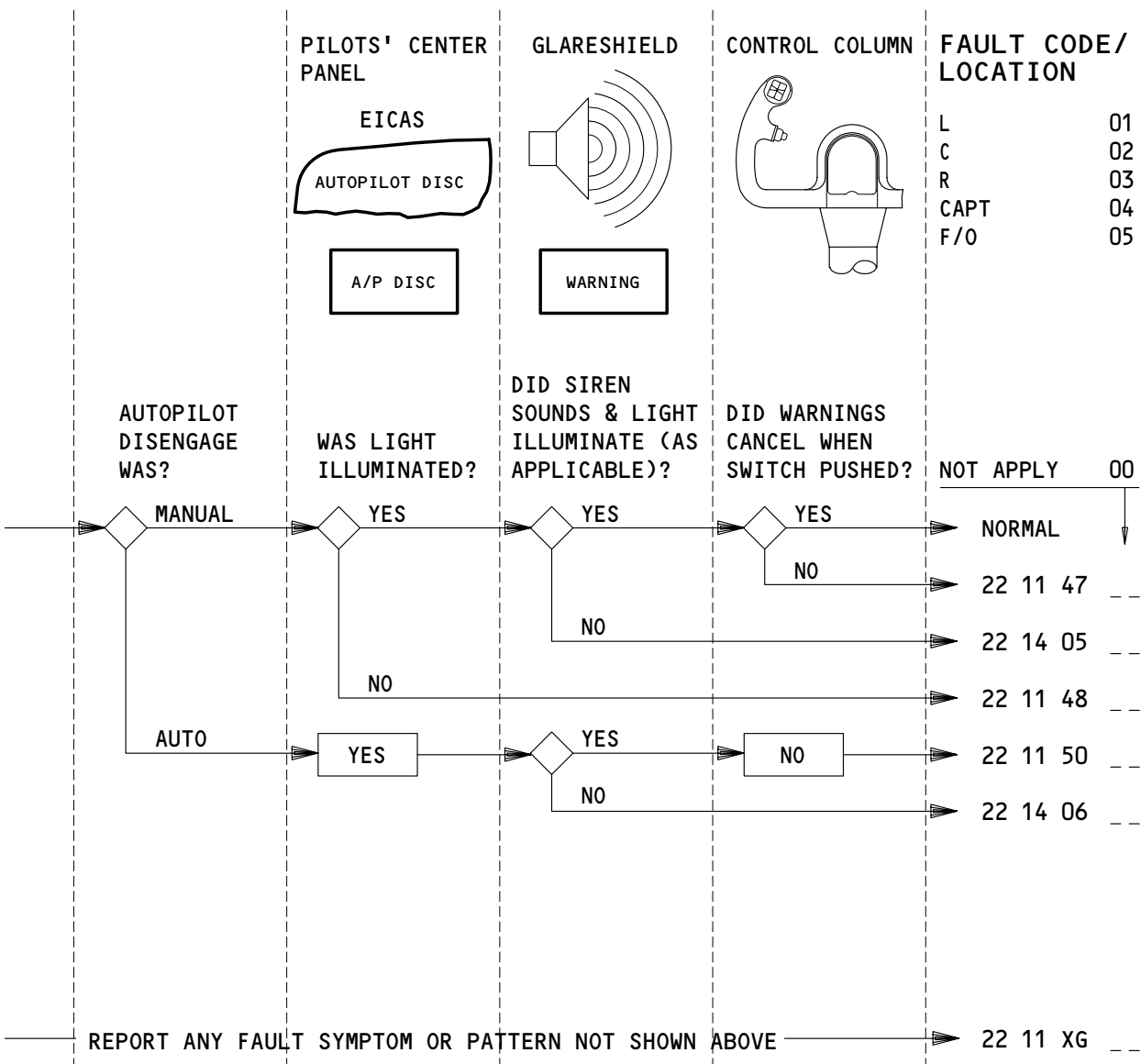
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AUTO FLIGHT

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

AUTOPILOT (DISENGAGE) - FAULT CODES

EFFECTIVITY

ALL

01

AUTO FLIGHT

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 11 47 --	Following manual disengage the A/P warning(s) did not cancel when A/P disengage sw pushed the second time with (01=L, 02=C, 03=R) A/P sys engaged. (Identify which warning did not cancel, e.g., A/P DISC lgt, master WARNING lgt, etc).
22 14 05 --	Following manual disengage with illumination of A/P DISC lgt, siren did not sound and master WARNING lgt did not illum after appropriate time delay with (01=L, 02=C, 03=R) A/P sys engaged.
22 11 48 --	A/P DISC lgt did not illum when (04=Capt, 05=F/O) A/P disengage sw pushed. Operation norm when other sw pushed.
22 11 50 --	Following automatic illum of A/P DISC lgt, A/P warning(s) did not cancel when A/P disengage sw pushed with (01=L, 02=C, 03=R) A/P sys engaged. (Identify which warning did not cancel, e.g., A/P DISC lgt, master WARNING lgt, etc).
22 14 06 --	Following automatic illum of A/P DISC lgt, siren did not sound and master WARNING lgt did not illum after appropriate time delay with (01=L, 02=C, 03=R) A/P sys engaged.
22 11 XG --	Report autopilot (disengage) symptoms or patterns along with fault code.

AUTOPILOT (DISENGAGE) - LOG BOOK REPORTS

EFFECTIVITY

ALL

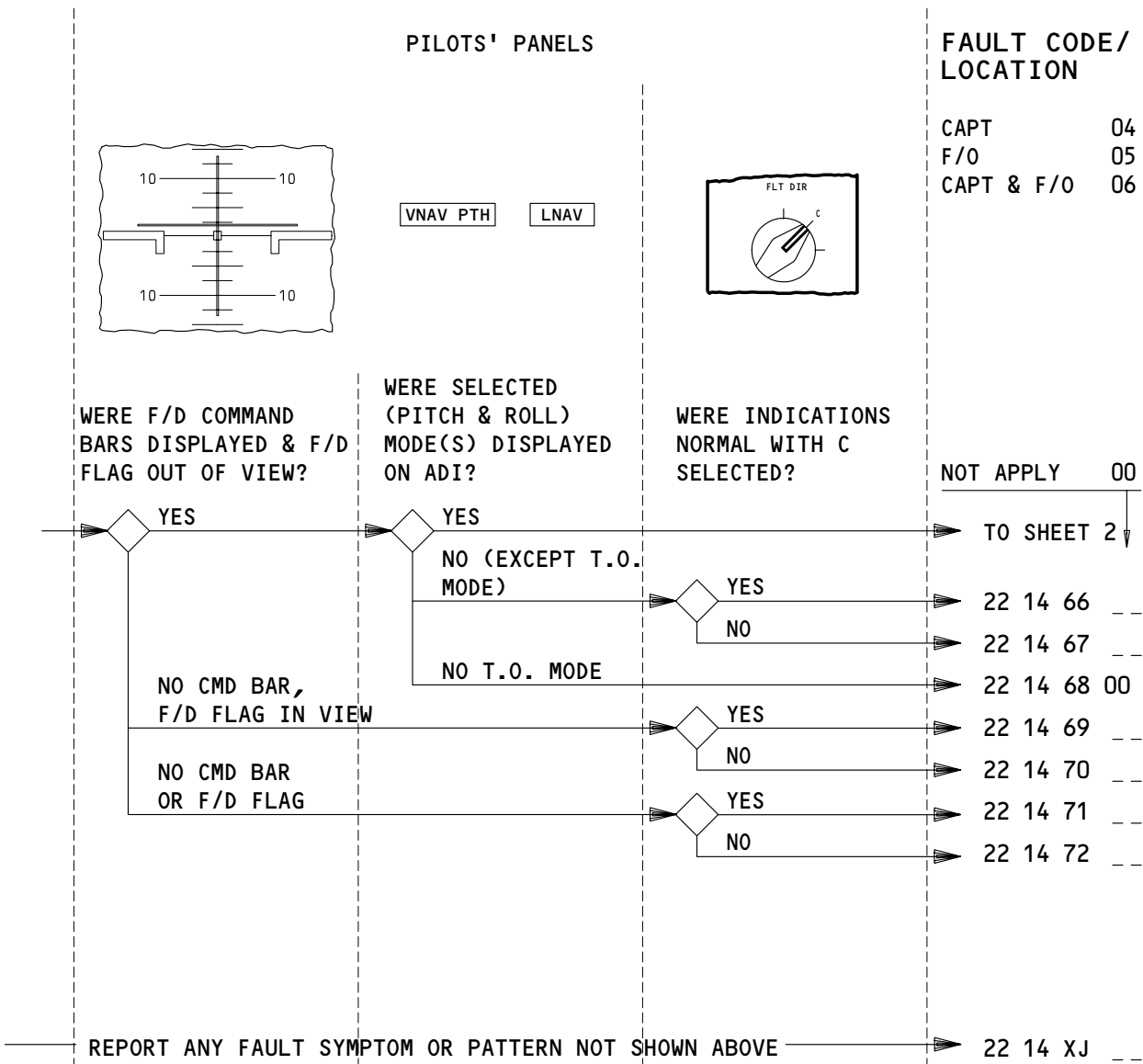
09

AUTO FLIGHT

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AUG 01/83

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

FLIGHT DIRECTOR (SHEET 1) – FAULT CODES

EFFECTIVITY

ALL

01

AUTO FLIGHT

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DEC 22/00

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | 22 14 66 -- AFDS mode not displayed on (04=Capt, 05=F/0) ADI when (state mode) mode selected. Ind norm with inst source sel sw 'C'.
- | 22 14 67 -- AFDS mode not displayed on (04=Capt, 05=F/0, 06=Capt & F/0) ADI when (state mode) mode selected. Ind same with inst source sel sw 'C'.
- 22 14 68 00 T.O. mode not displayed on pilots' ADI on the grd with F/D sw ON.
- | 22 14 69 -- F/D flag in view & no F/D cmd bars on (04=Capt, 05=F/0) ADI. Ind norm with inst source sel sw 'C'.
- | 22 14 70 -- F/D flag in view & no F/D cmd bars on (04=Capt, 05=F/0) ADI. Ind same with inst source sel sw 'C'.
- | 22 14 71 -- No F/D cmd bars or F/D flag on (04=Capt, 05=F/0) ADI. Ind norm with inst source sel sw 'C'.
- | 22 14 72 -- No F/D cmd bars or F/D flag on (04=Capt, 05=F/0) ADI. Ind same with inst source sel sw 'C'.

- 22 14 XJ -- Report flight director symptoms or patterns along with fault code.

FLIGHT DIRECTOR (SHEET 1) - LOG BOOK REPORTS

EFFECTIVITY

ALL

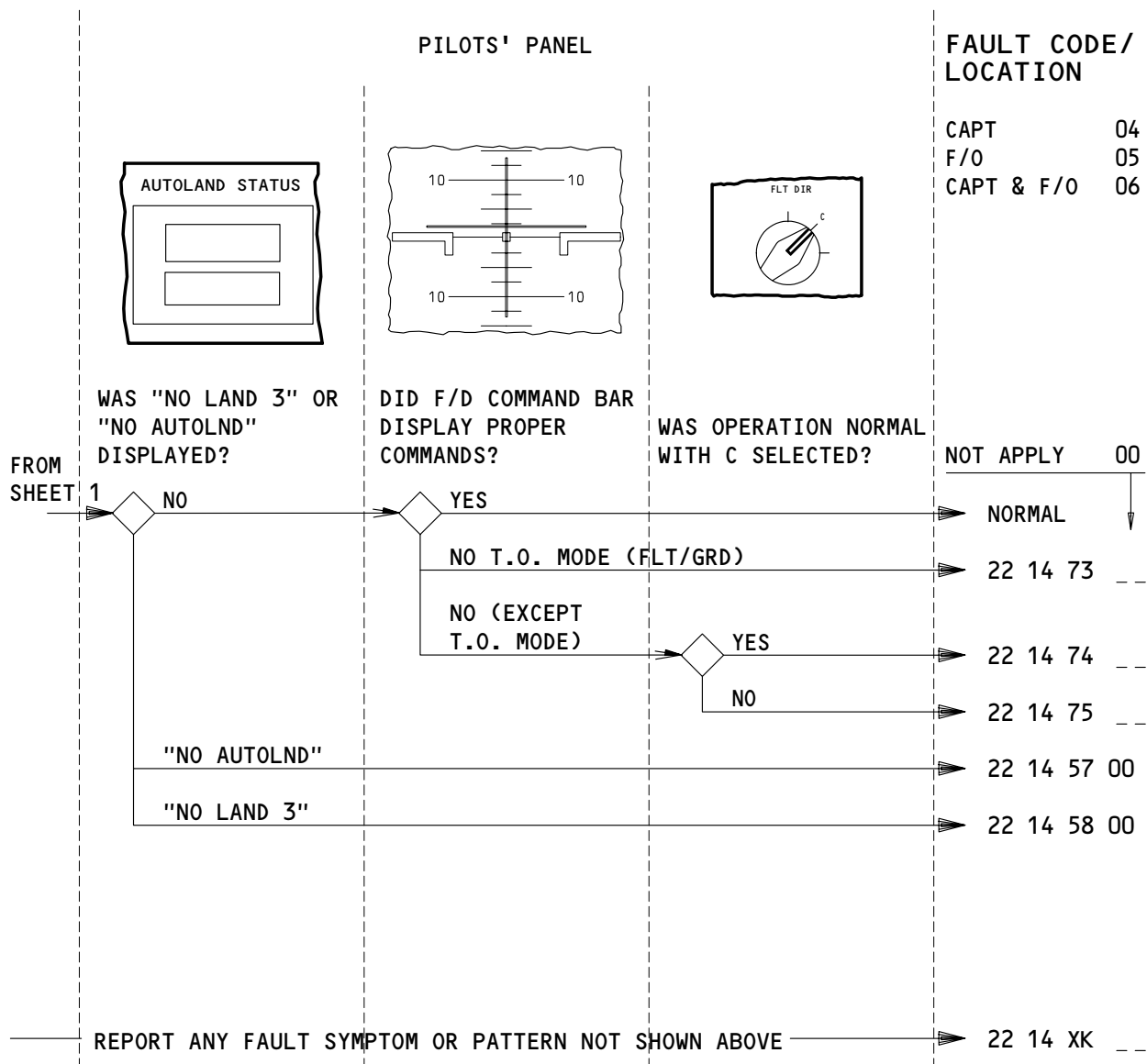
03

AUTO FLIGHT

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

FLIGHT DIRECTOR (SHEET 2) – FAULT CODES

EFFECTIVITY

ALL

01

AUTO FLIGHT

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DEC 22/00

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 14 73 --	(Pitch, Roll, Pitch & Roll) CMD bar(s) on (04=Capt, 05=F/O, 06=Capt & F/O) ADI (describe abnorm ind) in T.O. mode (on grd, inflt, on grd & inflt).
22 14 74 --	(Pitch, Roll, Pitch & Roll) CMD bar(s) on (04=Capt, 05=F/O, 06=Capt & F/O) ADI (describe abnorm ind) in (state engaged mode) mode. Ind norm with inst source sel sw 'C'.
22 14 75 --	(Pitch, Roll, Pitch & Roll) CMD bar(s) on (04=Capt, 05=F/O, 06=Capt & F/O) ADI (describe abnorm ind) in (state engaged mode) mode. Ind same with inst source sel sw 'C'.
22 14 57 00	Autoland status annunciator displayed 'NO AUTOLND' with F/D ON.
22 14 58 00	Autoland status annunciator displayed 'NO LAND 3' with F/D ON.
22 14 XK --	Report flight director symptoms or patterns along with fault code.

FLIGHT DIRECTOR (SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY

ALL

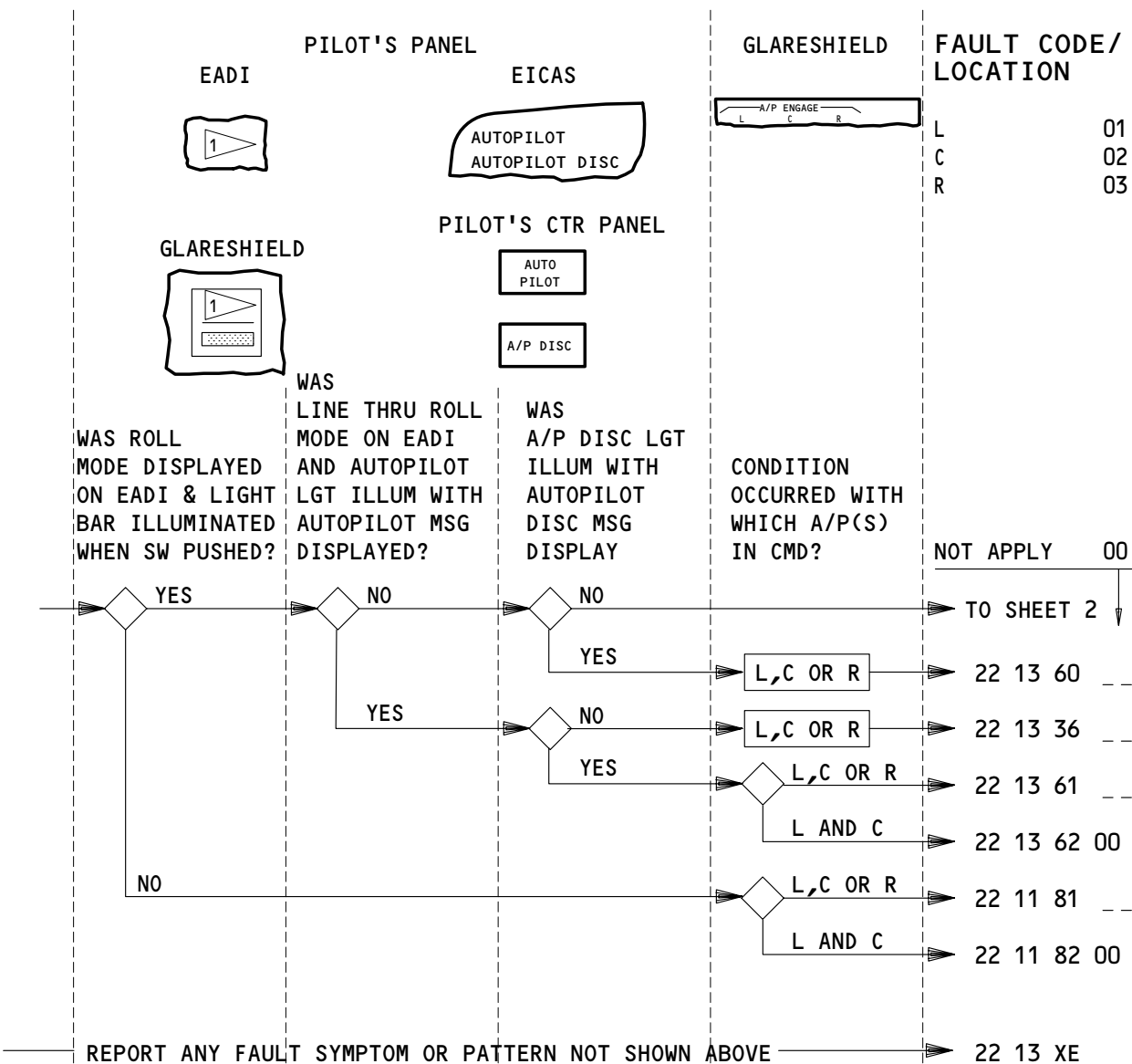
03

AUTO FLIGHT

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BOEING 767

FAULT REPORTING MANUAL



1 ROLL MODE INCLUDES HDG HOLD, HDG SEL, L NAV, LOC & B/CRS.
 APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

AUTOPILOT (ROLL MODES) (SHEET 1) - FAULT CODES

EFFECTIVITY

ALL

03

AUTO FLIGHT

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 22 13 60 -- A/P DISC lgt illum and EICAS msg AUTOPILOT DISC displayed with (01=L, 02=C, 03=R) A/P sys engaged in CMD.
- | 22 13 36 -- AUTOPILOT lgt illum, line thru (STATE PITCH MODE) on ADI and EICAS msg AUTOPILOT displayed with (01=L, 02=C, 03=R) A/P sys engaged in CMD. A/P DISC lgt remained extin.
- | 22 13 61 -- AUTOPILOT and A//P DISC lgts illum, line thru (STATE PITCH MODE) on ADI and EICAS msg AUTOPILOT DISC displayed with (01=L, 02=C, 03=R) A/P sys engaged in CMD. Operation norm with other A/P'S in CMD.
- | 22 13 62 00 AUTOPILOT and A/P DISC lgts illum, line thru (STATE PITCH MODE) on ADI and EICAS msg AUTOPILOT DISC displayed with either L or C A/P sys engaged in CMD.
- | 22 11 81 -- (STATE PITCH MODE) not displayed on ADI and switch lgt bar, did not illum when mode switch pushed with (01=L, 02=C, 03=R) A/P sys engaged in CMD. Operation norm with other A/P'S in CMD.
- | 22 11 82 00 (STATE PITCH MODE) not displayed on ADI and switch lgt bar did not illum when mode switch pushed with either L or C A/P sys engaged in CMD.
- 22 13 XE -- Report autopilot (roll modes) symptoms or patterns along with fault code.

AUTOPILOT (ROLL MODES) (SHEET 1) - LOG BOOK REPORTS

EFFECTIVITY

ALL

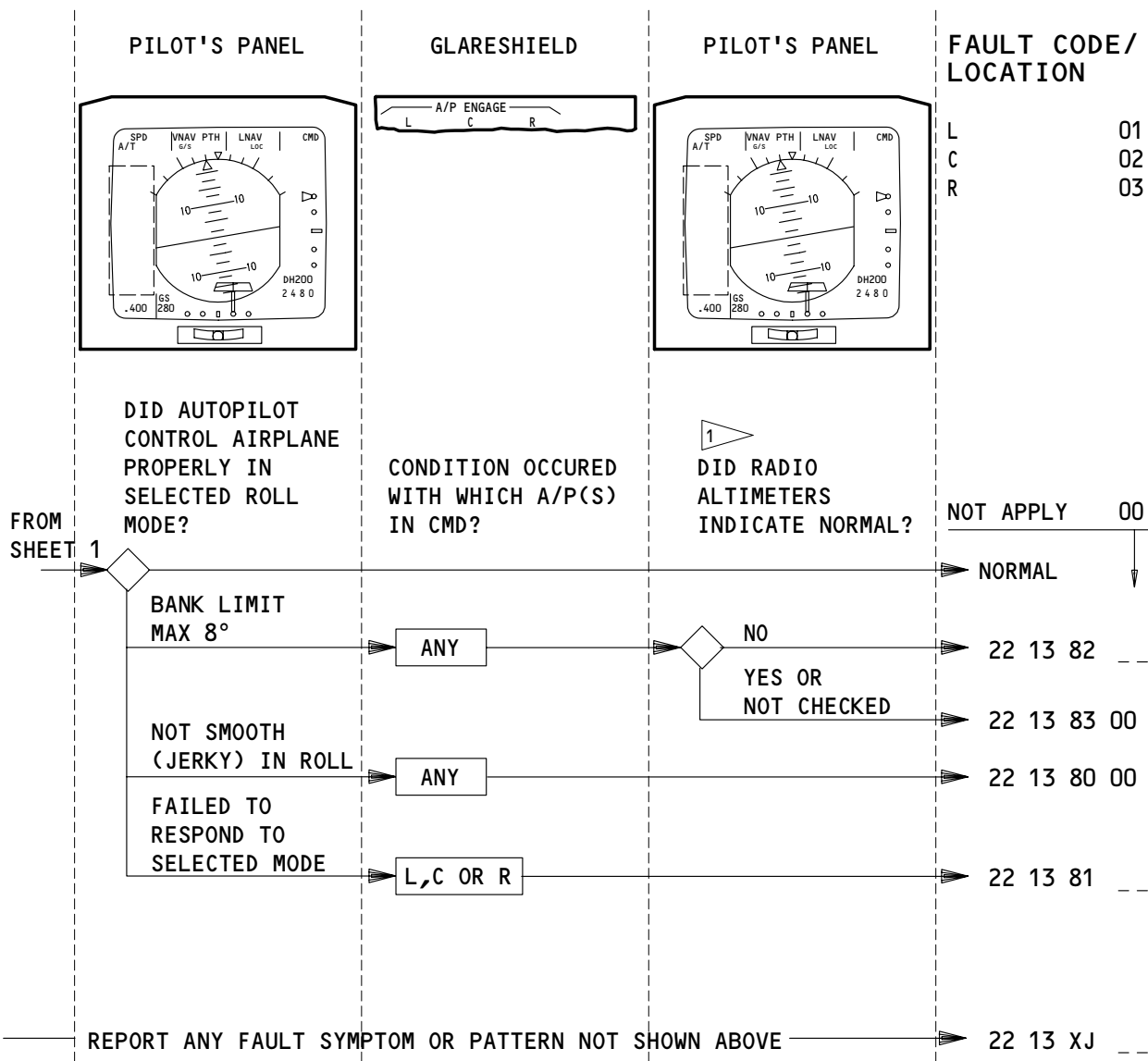
03

AUTO FLIGHT

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BOEING 767

FAULT REPORTING MANUAL



1 A FAULTY RADIO ALTIMETER CAN LIMIT A/P BANK ANGLE. SELECT EFI SW TO "ALTN" TO CHECK "C" RADIO ALTIMETER.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

AUTOPILOT (ROLL MODES) (SHEET 2) - FAULT CODES

EFFECTIVITY

ALL

02

AUTO FLIGHT

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 22 13 82 -- APL bank angle limited to 8° in roll with any A/P in CMD. (01=L, 02=C, 03=R) radio altimeter indications abnorm.
- 22 13 83 00 APL bank angle limited to 8° in roll with any A/P in CMD. Radio altimeters indications (norm, not checked).
- 22 13 80 00 APL not smooth (JERKY) in roll with any A/P in CMD and (STATE PITCH MODE) mode selected.
- 22 13 81 -- A/P failed to (describe failure) with (01=L, 02=C, 03=R) A/P sys engaged in CMD and (STATE PITCH MODE) mode selected. Mode display on EADI norm. Operation norm with other A/P'S in CMD.
- 22 13 XJ -- Report autopilot (roll modes) symptoms or patterns along with fault code.

AUTOPILOT (ROLL MODES) (SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY

ALL

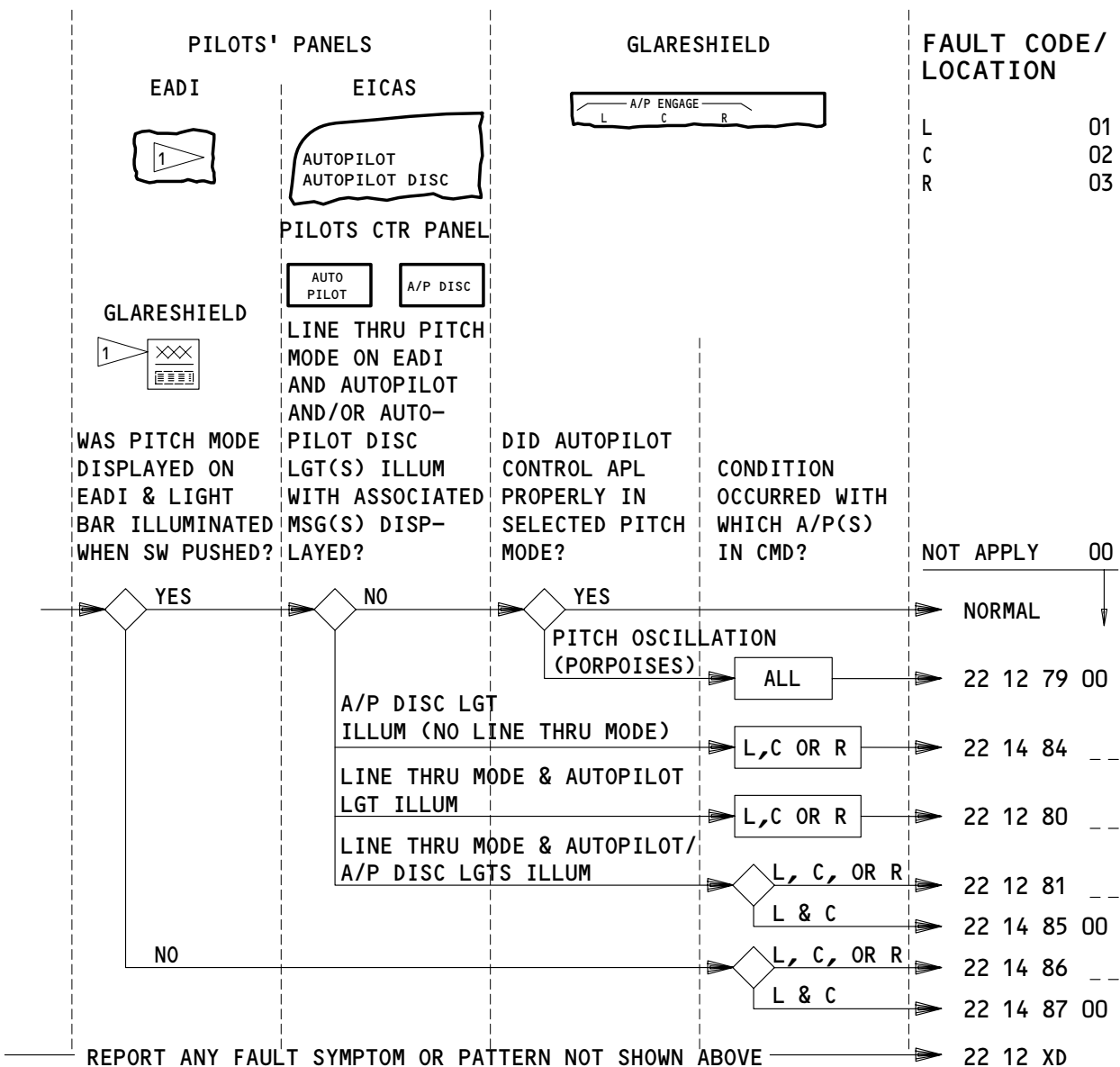
03

AUTO FLIGHT

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BOEING 767

FAULT REPORTING MANUAL



1 > PITCH MODE INCLUDES V/S, ALT HOLD, FLCH, SPD & V NAV.
APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

AUTOPILOT (PITCH MODES) - FAULT CODES

EFFECTIVITY

ALL

06

AUTO FLIGHT

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 22 12 79 00 APL has pitch oscillation (porpoises) with any A/P sys in CMD and (V/S, ALT HOLD, FLCH, VNAV) mode selected.
- 22 14 84 -- A/P DISC lgt illum and EICAS msg AUTOPILOT DISC displayed with (01=L, 02=C, 03=R) A/P sys engaged in CMD and (V/S, ALT HOLD, FLCH, VNAV) mode selected.
- 22 12 80 -- AUTOPILOT lgt illum, line thru (V/S, ALT HOLD, SPD, VNAV) on ADI and EICAS msg AUTOPILOT displayed with (01=L, 02=C, 03=R) A/P sys engaged in CMD. A/P DISC lgt remained extin.
- 22 12 81 -- AUTOPILOT and A/P DISC lgts illum, line thru (V/S, ALT HOLD, SPD, VNAV) on ADI and EICAS msg AUTOPILOT displayed with (01=L, 02=C, 03=R) A/P sys engaged in CMD. Operation norm with other A/Ps in CMD.
- 22 14 85 00 AUTOPILOT and A/P DISC lgts illum, line thru (V/S, ALT HOLD, SPD, VNAV) on ADI and EICAS msg AUTOPILOT displayed with either L or C A/P sys engaged in CMD.
- 22 14 86 -- (V/S, ALT HOLD, SPD, VNAV) not displayed on ADI and switch lgt bar did not illum when mode switch pushed with (01=L, 02=C) A/P sys engaged in CMD. Operation norm with other A/Ps in CMD.
- 22 14 87 00 (V/S, ALT HOLD, SPD, VNAV) not displayed on ADI and switch lgt bar did not illum when mode switch pushed with either L or C A/P sys engaged in CMD.
- 22 12 XD -- Report autopilot (pitch modes) symptoms or patterns along with fault code.

AUTOPILOT (PITCH MODES) – LOG BOOK REPORTS

EFFECTIVITY

ALL

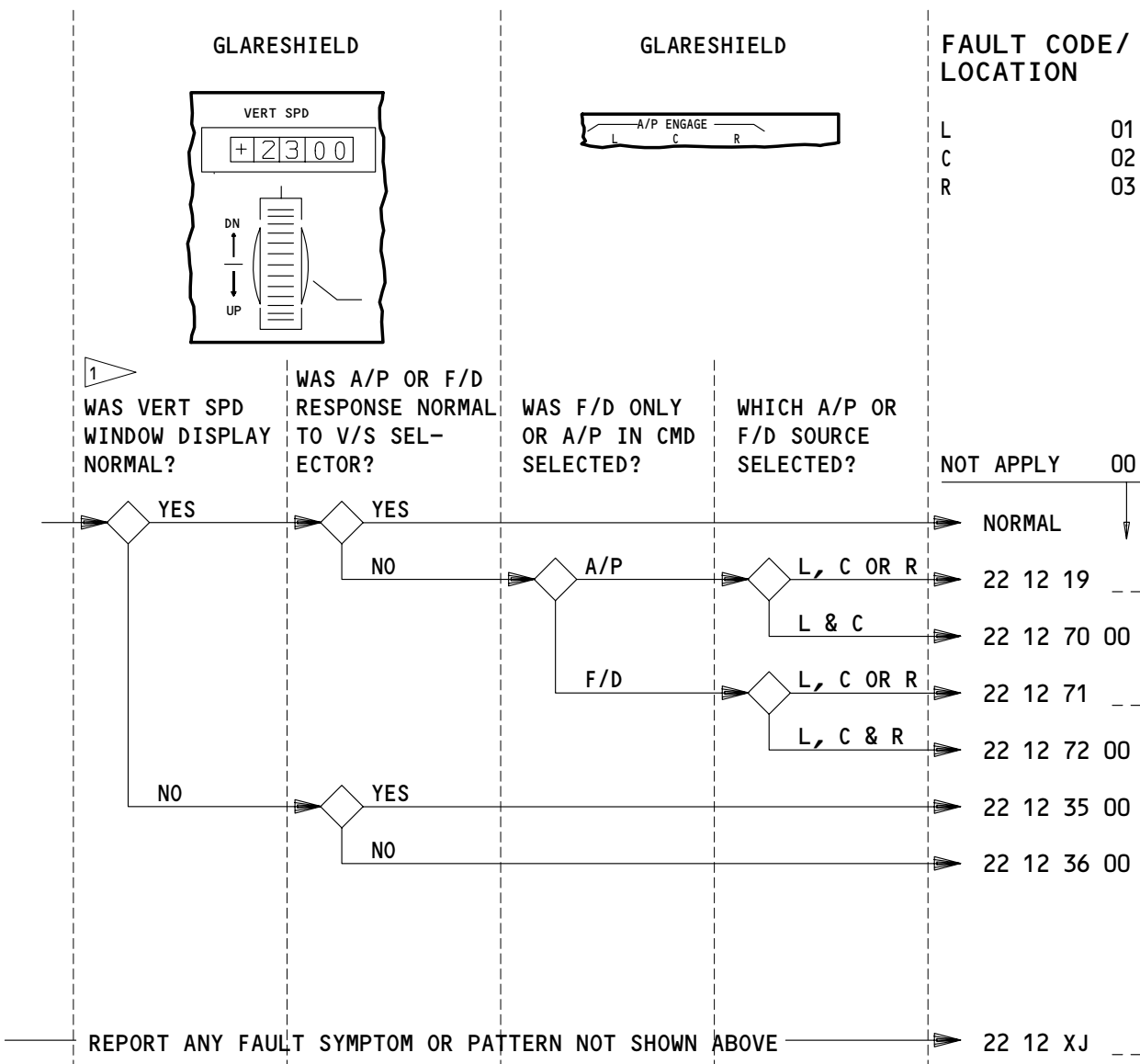
03

AUTO FLIGHT

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 NOV 01/86

BOEING 767

FAULT REPORTING MANUAL



1 IF V/S FAILED TO ENGAGE OR DISENGAGES, SEE "A/P (PITCH MODES)" OR "FLIGHT DIRECTOR" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17 AUTO FLIGHT WARN	11E21 (CENTER) FLT CONT CMPTR SERVO (C)
11E9 FMCS CMPTR L	11E30 FMCS CMPTR R
11E16 MODE CONT PNL L	11E34 MODE CONT PNL R
11E17 FLT CONT CMPTR PWR L	11E35 (RIGHT) FLT CONT CMPTR PWR (R)
11E18 FLT CONT CMPTR SERVO L	11E36 (RIGHT) FLT CONT CMPTR SERVO (R)
11E20 (CENTER) FLT CONT CMPTR PWR (C)	11F15 TMC DC

VERTICAL SPEED - FAULT CODES

EFFECTIVITY

ALL

01

AUTO FLIGHT

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 22 12 19 __ Airplane does not respond to vertical speed selector change with (01=L, 02=C, 03=R) A/P sys engaged in CMD. Operation norm other sys selected.
- 22 12 70 00 Airplane does not respond to vertical speed selector change with either L or C A/P sys engaged in CMD.
- 22 12 71 __ F/D failed to respond to vert spd selection with source selector in (01=L, 02=C, 03=R).
- 22 12 72 00 F/D failed to respond to vert spd selection with source selector in L, C or R.
- 22 12 35 00 Vertical speed window display does not respond to selector change. (A/P, F/D) response to selector change norm.
- 22 12 36 00 Vertical speed window display & (A/P, F/D) failed to respond to V/S selector change.

- 22 12 XJ __ Report vertical speed symptoms or patterns along with fault code.

|
VERTICAL SPEED - LOG BOOK REPORTS

EFFECTIVITY

ALL

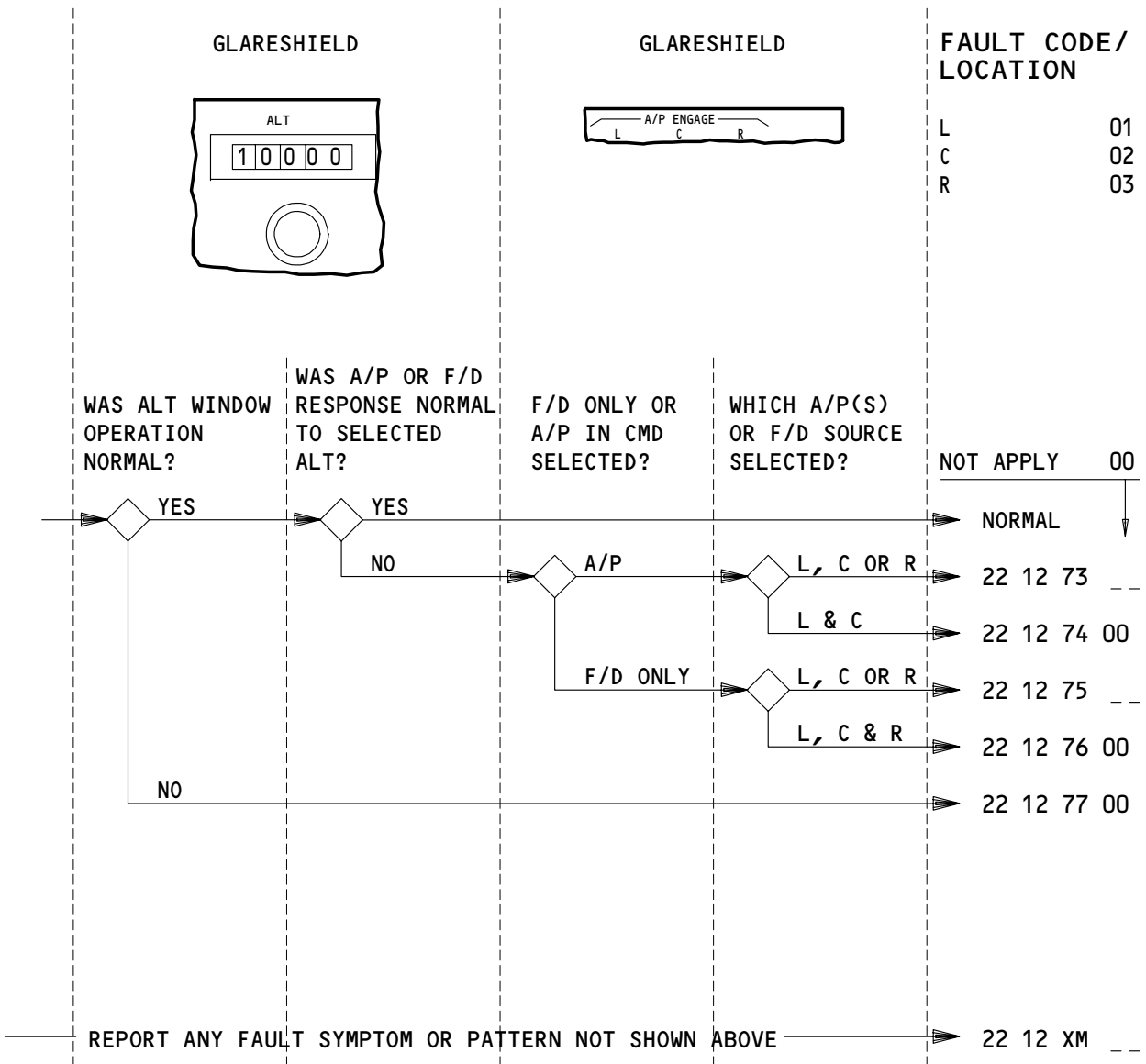
03

AUTO FLIGHT

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

ALTITUDE SELECT – FAULT CODES

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 22 12 73 __ Airplane did not respond to altitude select change with (01=L, 02=C, 03=R) A/P sys engaged in CMD. Operation norm with other A/P sys selected.
- 22 12 74 00 Airplane did not respond to altitude select change with either L or C A/P sys engaged in CMD.
- 22 12 75 __ F/D failed to respond to altitude select with source selector in (01=L, 02=C, 03=R).
- 22 12 76 00 F/D failed to respond to altitude select with source selector in L, C or R.
- 22 12 77 00 Unable to select altitude in altitude select window.
- 22 12 XM __ Report altitude select symptoms or patterns along with fault code.

ALTITUDE SELECT - LOG BOOK REPORTS

EFFECTIVITY

ALL

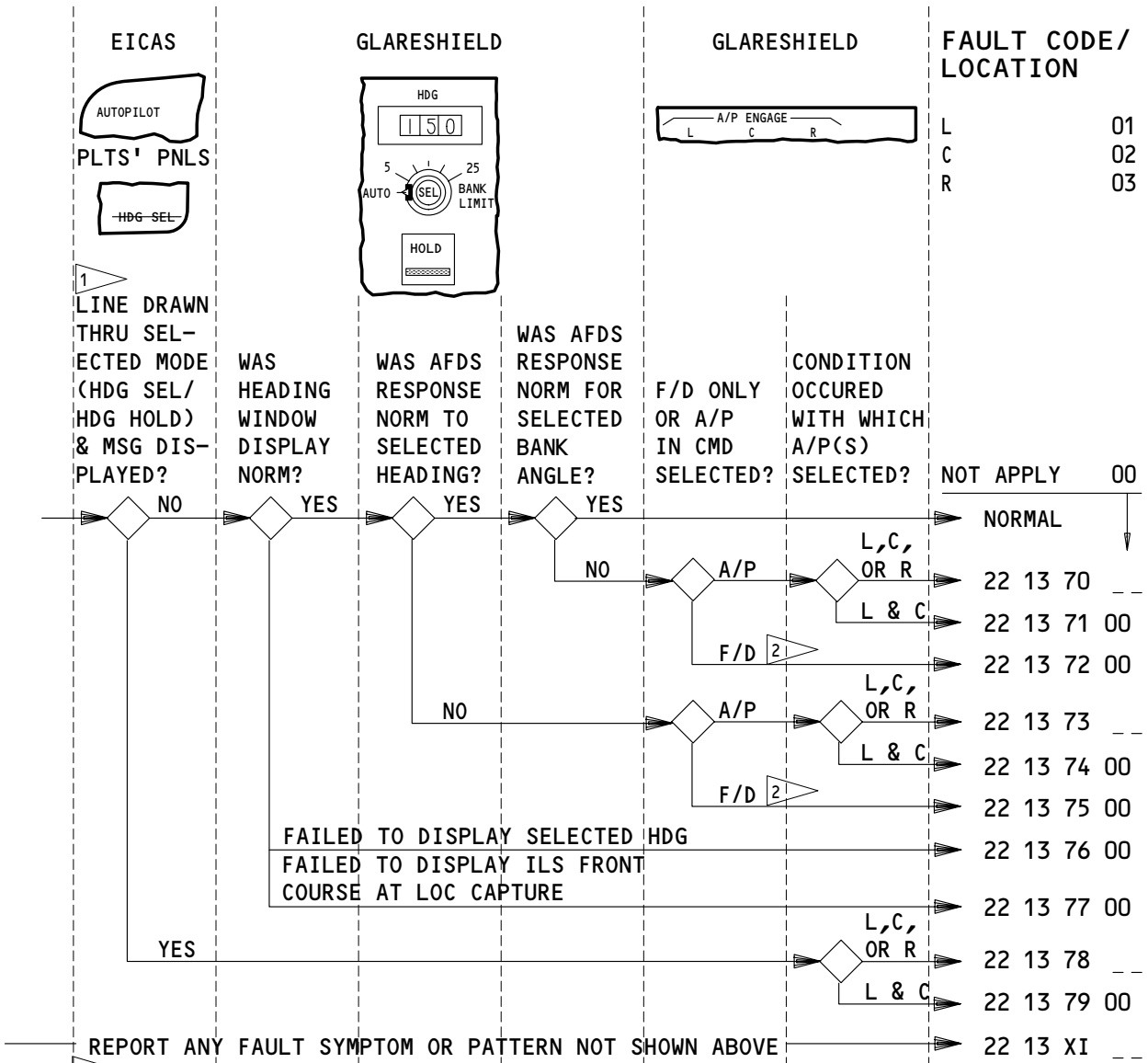
03

AUTO FLIGHT

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BOEING 767

FAULT REPORTING MANUAL



1 IF HDG SEL OR HDG HOLD FAILED TO ENGAGE OR DISENGAGES, SEE APPLICABLE "AUTOPILOT (ROLLMODE)" OR "FLIGHT DIRECTOR" FAULT CODES.

2 IF FLIGHT DIRECTOR ABNORM ON ONLY ONE SIDE (CAPT OR F/O), SEE "FLIGHT DIRECTOR" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

HEADING SELECT/HOLD - FAULT CODES

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE LOG BOOK REPORT

- 22 13 70 __ (01=L, 02=C, 03=R) A/P failed to maintain proper bank angle with bank limit selector in __ pos.
- | 22 13 71 00 Both L and C A/P failed to maintain proper bank angle with bank limit selector in __ pos.
- 22 13 72 00 F/D failed to command proper bank angle with bank limit selector in __ pos.
- 22 13 73 __ (01=L, 02=C, 03=R) A/P failed to (capture, maintain) selected heading in HDG (SEL, HOLD).
- | 22 13 74 00 Both L and C A/P failed to (capture, maintain) selected heading in HDG (SEL, HOLD).
- 22 13 75 00 F/D failed to command selected heading in HDG (SEL, HOLD).
- 22 13 76 00 MCP HDG window display(s) (blank in, does not respond to) HDG (SEL, HOLD).
- 22 13 77 00 MCP HDG window failed to display ILS front course at loc capture.
- 22 13 78 __ line drawn thru HDG (SEL, HOLD) on ADI and EICAS msg AUTOPILOT displayed with (01=L, 02=C, 03=R) A/P in CMD.
- | 22 13 79 00 line drawn thru HDG (SEL, HOLD) on ADI and EICAS msg AUTOPILOT displayed with either L or C A/P in CMD.
- 22 13 XI __ Report heading select/hold symptoms or patterns along with fault code.

HEADING SELECT/HOLD – LOG BOOK REPORTS

EFFECTIVITY

ALL

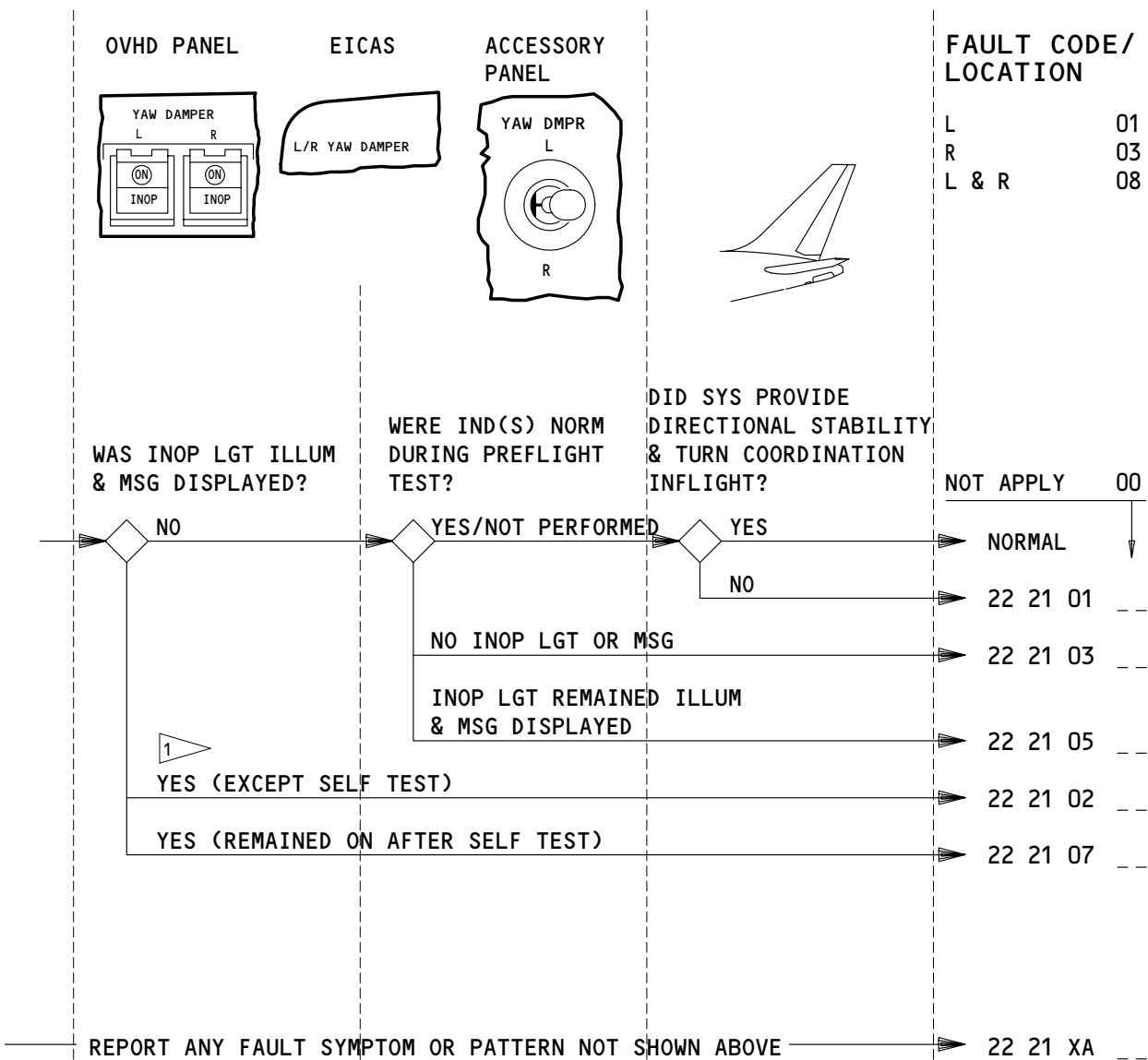
09

AUTO FLIGHT

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BOEING 767

FAULT REPORTING MANUAL



1 A SELF TEST OCCURS ON THE GRD DURING INITIAL POWER-UP. INOP LGT(S) ILLUM & MSG DISPLAY FOR APPROXIMATELY 20 SEC. IRS(S) MUST BE ALIGNED AND IN NAV.

APPLICABLE CIRCUIT BREAKERS

11A18	AUTOFLIGHT YAW DAMPER L	11F34	AUTOFLIGHT YAW DAMPER R
11C6	FLT CONT ELEC 1L AC	11G17	FLT CONT ELEC 1R AC
11C7	FLT CONT ELEC 1L DC	11G18	FLT CONT ELEC 1R DC
11C8	FLT CONT ELEC 2L AC	11G26	FLT CONT ELEC 2R AC
11C9	FLT CONT ELEC 2L DC	11G27	FLT CONT ELEC 2R DC

YAW DAMPER – FAULT CODES

EFFECTIVITY

ALL

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AUTO FLIGHT

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 21 01 --	Yaw damper operation abnormal with the (01=L, 03=R, 08=L & R) yaw damper sw on and INOP lgt extin.
22 21 03 --	(01=L, 03=R) yaw damper INOP light did not illuminate during preflight test.
22 21 05 --	(01=L, 03=R) yaw damper INOP light remained illuminated after preflight test.
22 21 02 --	(L, R) YAW DAMPER displayed on EICAS and (01=L, 03=R) yaw damper INOP light illuminated.
22 21 07 --	(01=L, 03=R) yaw damper INOP light remained illum after power up self test.
22 21 XA --	Report yaw damper symptoms or patterns along with fault code.

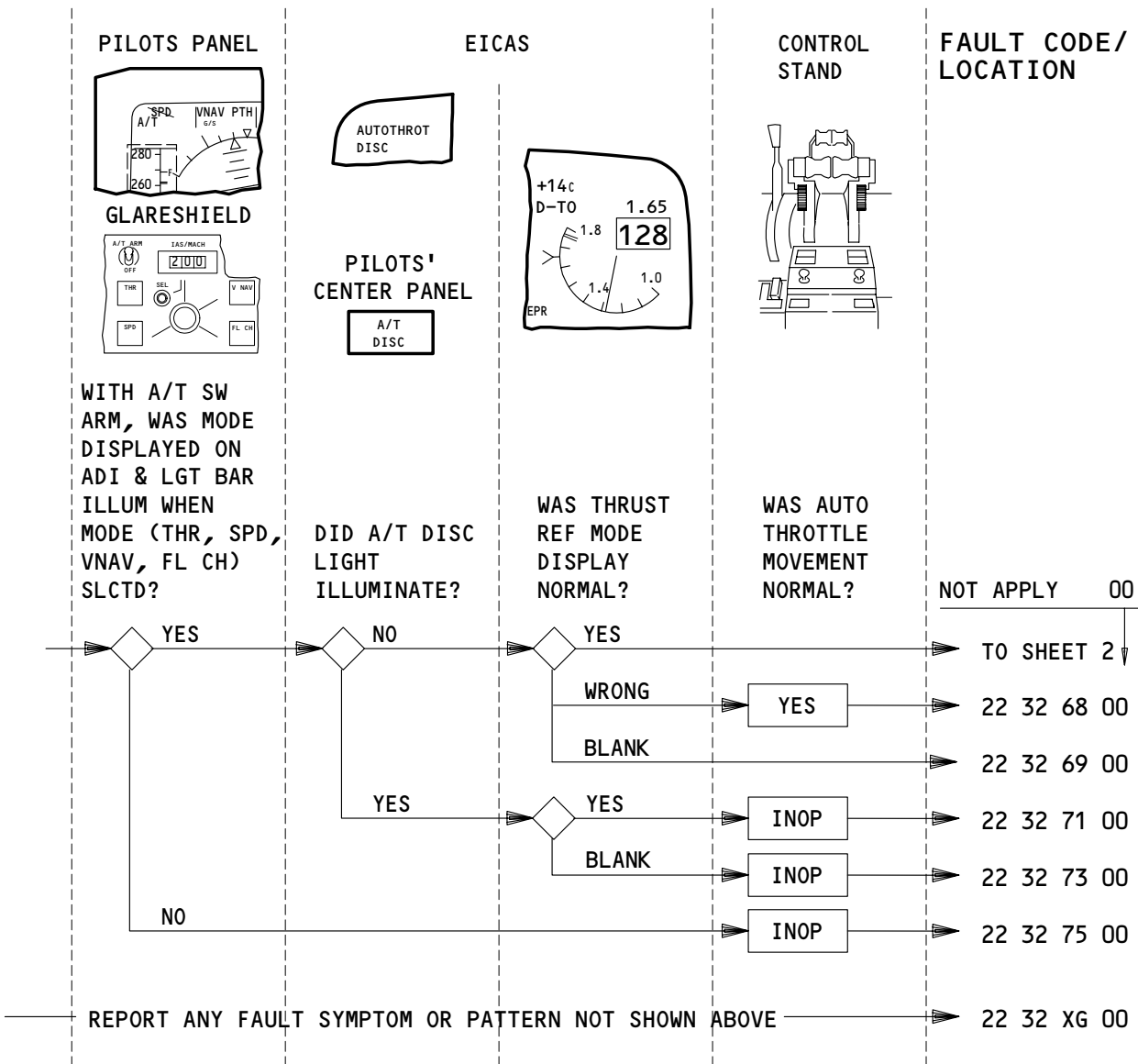
YAW DAMPER – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11A17	AUTO FLIGHT WARN	11F15	TMC DC
11F14	TMC AC	11F16	TMC SERVO

AUTOTHROTTLE (SHEET 1) – FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 32 68 00	Wrong thrust ref mode displayed on EICAS, ___ mode instead of ___ mode with A/T engaged in (THR, SPD, VNAV, FL CH, any) mode(s). Throttle movement norm.
22 32 69 00	Thrust ref mode display on EICAS blank with A/T engaged in (THR, SPD, VNAV, FL CH, any) mode(s).
22 32 71 00	A/T DISC lgt illum with A/T engaged in (THR, SPD, VNAV, FL CH) mode. Thrust ref mode display on EICAS.
22 32 73 00	A/T DISC lgt illum with A/T engaged in (THR, SPD, VNAV, FL CH) mode. Thrust ref mode display on EICAS blank.
22 32 75 00	A/T failed to engage when (THR, SPD, VNAV, FL CH, any) mode(s) selected. A/T mode not displayed on ADI.
22 32 XG 00	Report autothrottle symptoms or patterns along with fault code.

AUTOTHROTTLE (SHEET 1) – LOG BOOK REPORTS

EFFECTIVITY

ALL

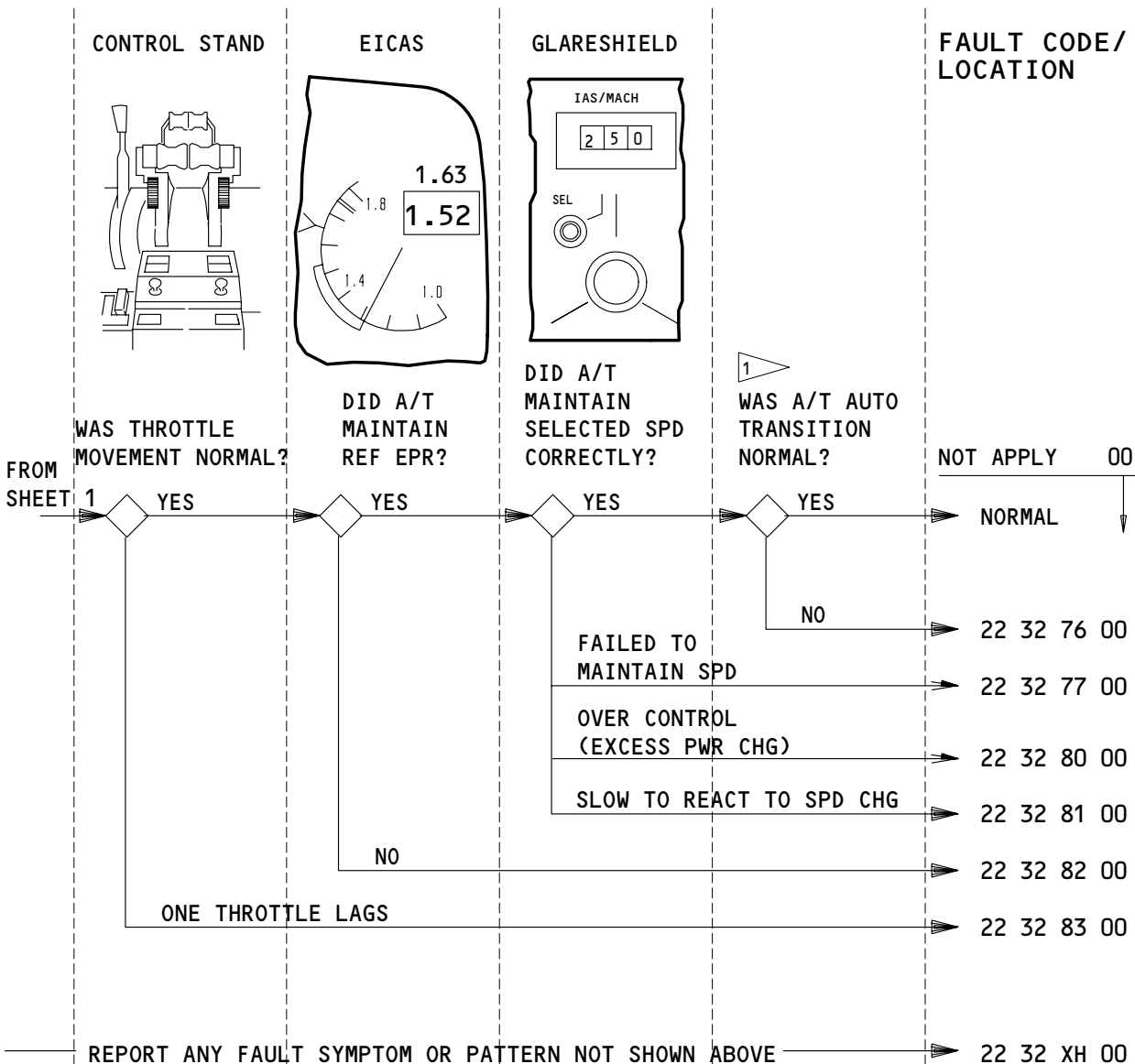
47

AUTO FLIGHT

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BOEING 767

FAULT REPORTING MANUAL



- 1 A/T AUTO MODE TRANSITION
- 'N1/EPR' TO 'THR HOLD' DURING T/O
 - 'SPD' TO 'IDLE' DURING FLARE
 - LIMIT MODES WHEN LIMITS EXCEEDED
 - 'FL CH' OR 'GA' TO 'SPD' AT ALT CAPTURE
 - 'FL CH' TO 'THR HOLD' DURING DESCENT

APPLICABLE CIRCUIT BREAKERS

11A17	AUTO FLIGHT WARN	11F14	TMC AC
11E16	MODE CONT PNL L	11F15	TMC DC
11E34	MODE CONT PNL R	11F16	TMC SERVO

AUTOTHROTTLE (SHEET 2) - FAULT CODES

EFFECTIVITY

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AUTO FLIGHT

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 32 76 00	A/T failed to transition automatically from ___ to ___ mode during (T/O, flare, alt capture, descent, etc). A/T was engaged in (THR, SPD, VNAV, FL CH, GA) mode.
22 32 77 00	A/T failed to maintain selected spd with (SPD, FL CH, VNAV, GA) mode engaged.
22 32 80 00	A/T overcontrols with SPD mode engaged.
22 32 81 00	A/T slow to react to spd change with SPD mode engaged.
22 32 82 00	A/T failed to maintain ref EPR with (THR, FL CH, VNAV, GA) mode engaged.
22 32 83 00	Throttles failed to move together during A/T operation. (L, R) throttle lags.
22 32 XH 00	Report autothrottle symptoms or patterns along with fault code.

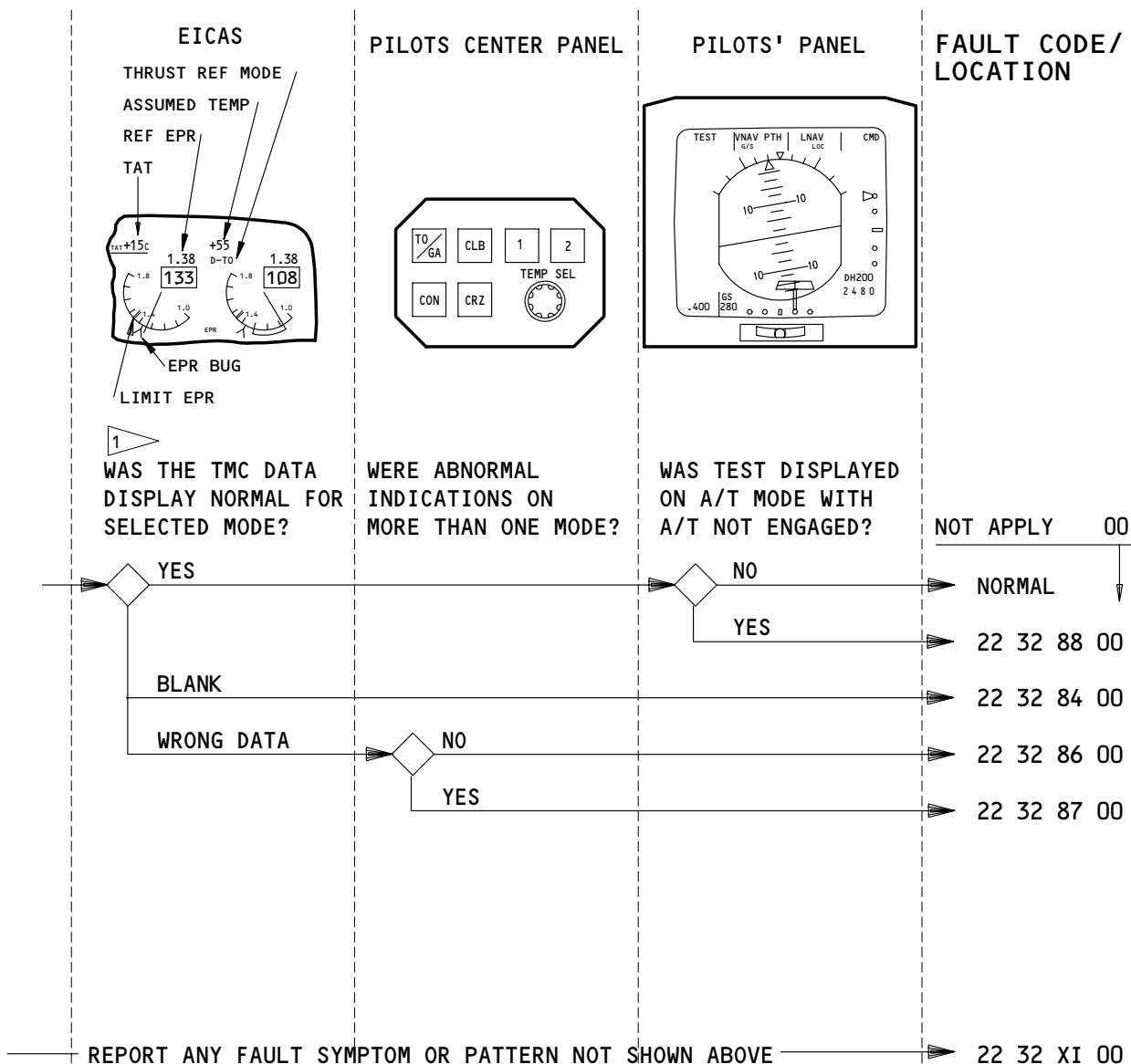
AUTOTHROTTLE (SHEET 2) – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



1 IF DATA NOT NORMAL ALONG WITH A/T PROBLEM, SEE "AUTOTHROTTLE" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS

11A17 AUTO FLIGHT WARN	11F15 TMC DC
11F14 TMC AC	11F16 TMC SERVO

TMC - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 32 88 00	A/T mode on EADI displays TEST with autothrottle not engaged.
22 32 84 00	TMC data (list blank data) display blank on EICAS.
22 32 86 00	TMC data (indicate wrong data) display incorrect on EICAS with ___ mode selected on TMSP.
22 32 87 00	TMC data (indicate wrong data) display incorrect on EICAS with ___ (list modes) modes selected on TMSP.
22 32 XI 00	Report TMC symptoms or patterns along with fault code.

TMC – LOG BOOK REPORTS

336319

EFFECTIVITY

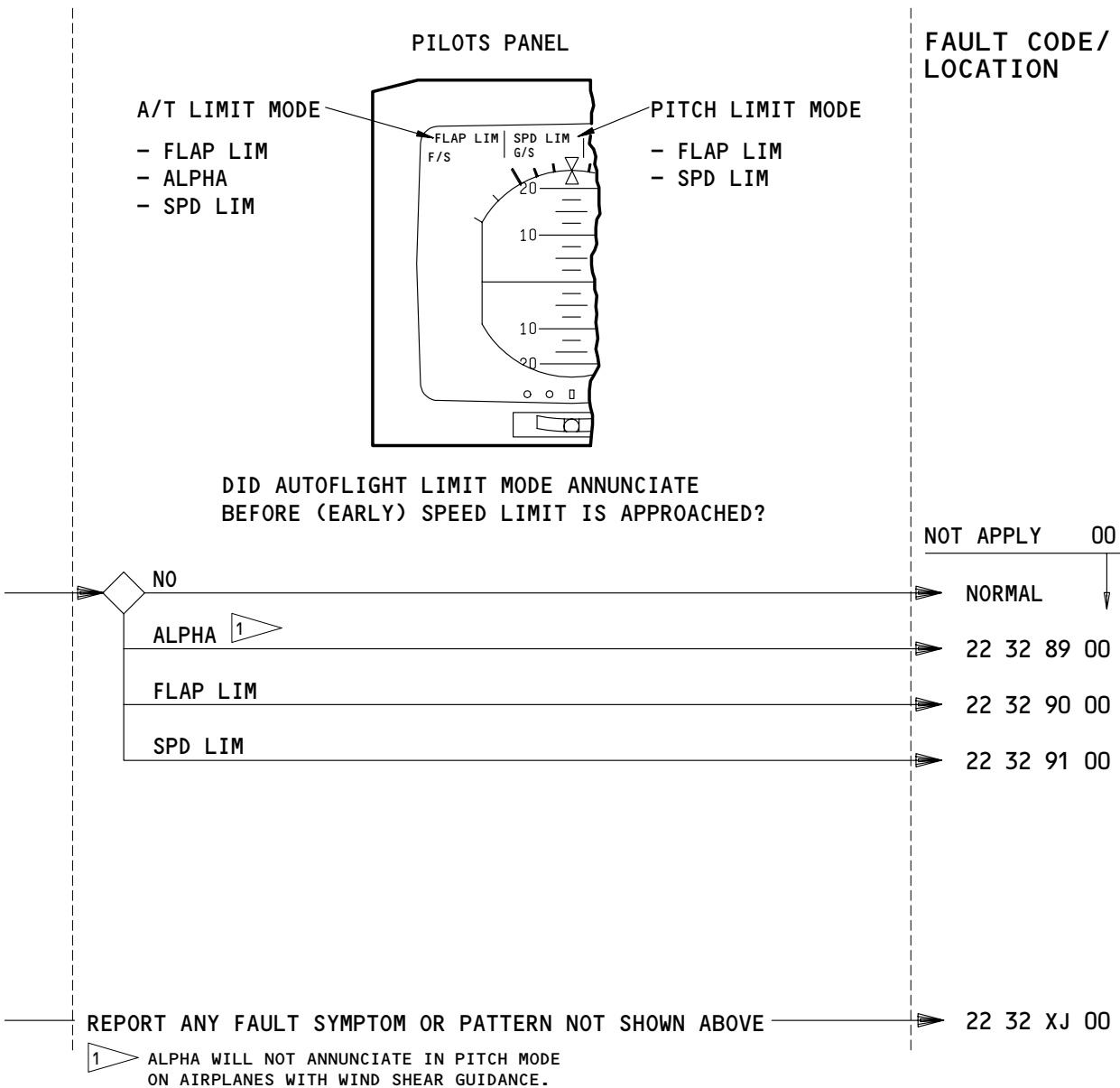
ALL

33

AUTO FLIGHT

PAGE 27
MAY 10/97

BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS
 NONE

AUTOFLIGHT LIMIT MODES – FAULT CODES

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 32 89 00	AFDS limit mode ALPHA annunciated on EADI A/T mode before speed limit is approached.
22 32 90 00	AFDS limit mode FLAP LIM annunciated on EADI (A/T, pitch) mode before speed limit is approached.
22 32 91 00	AFDS limit mode SPD LIM annunciated on EADI (A/T, pitch) mode before speed limit is approached.
22 32 XJ 00	Report autoflight limit modes symptoms or patterns along with fault code.

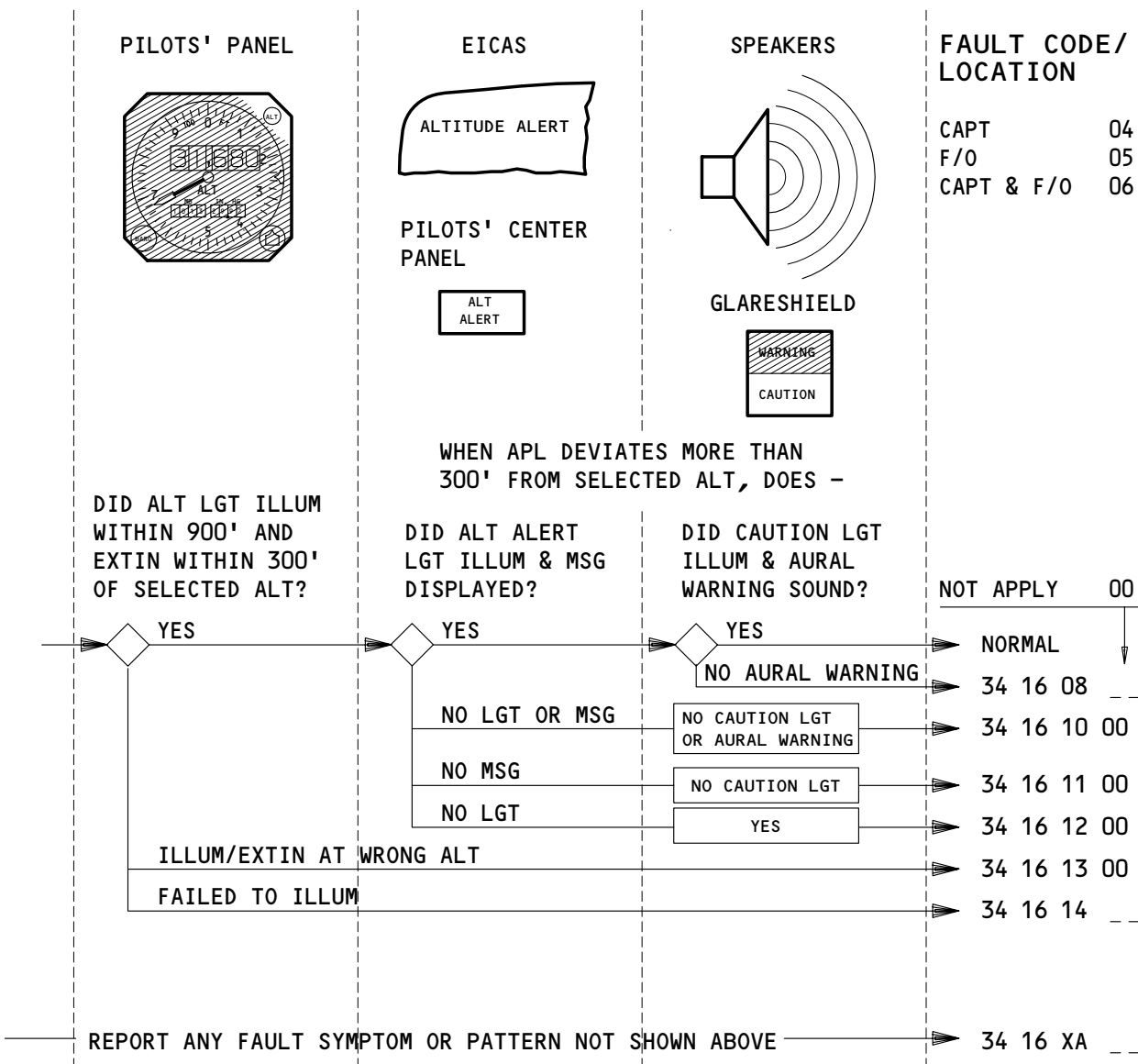
AUTOFLIGHT LIMIT MODES – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

ALTITUDE ALERT - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 16 08 __	No caution aural warning from (04=Capt, 05=F/O, 06=both Capt & F/O) speaker(s) when ALT ALERT lgt illum. Other alt alert indicators norm.
34 16 10 00	No ALT ALERT lgt or ALTITUDE ALERT EICAS msg when apl deviates more than 300' from alt selected on MCP.
34 16 11 00	No ALTITUDE ALERT EICAS msg when apl deviates more than 300' from selected alt on MCP. Other alt alert indications norm.
34 16 12 00	No ALT ALERT lgt when apl deviates more than 300' from selected alt on MCP. ALTITUDE ALERT EICAS msg displayed.
34 16 13 00	Capt & F/O altimeters ALT alert lgt (illum, extin) at wrong alt. (note alt)
34 16 14 __	(04=Capt, 05=F/O, 06=Both Capt & F/O) altimeter ALT lgt failed to illum in alert range.
34 16 XA __	Report altitude alert symptoms or patterns along with fault code.

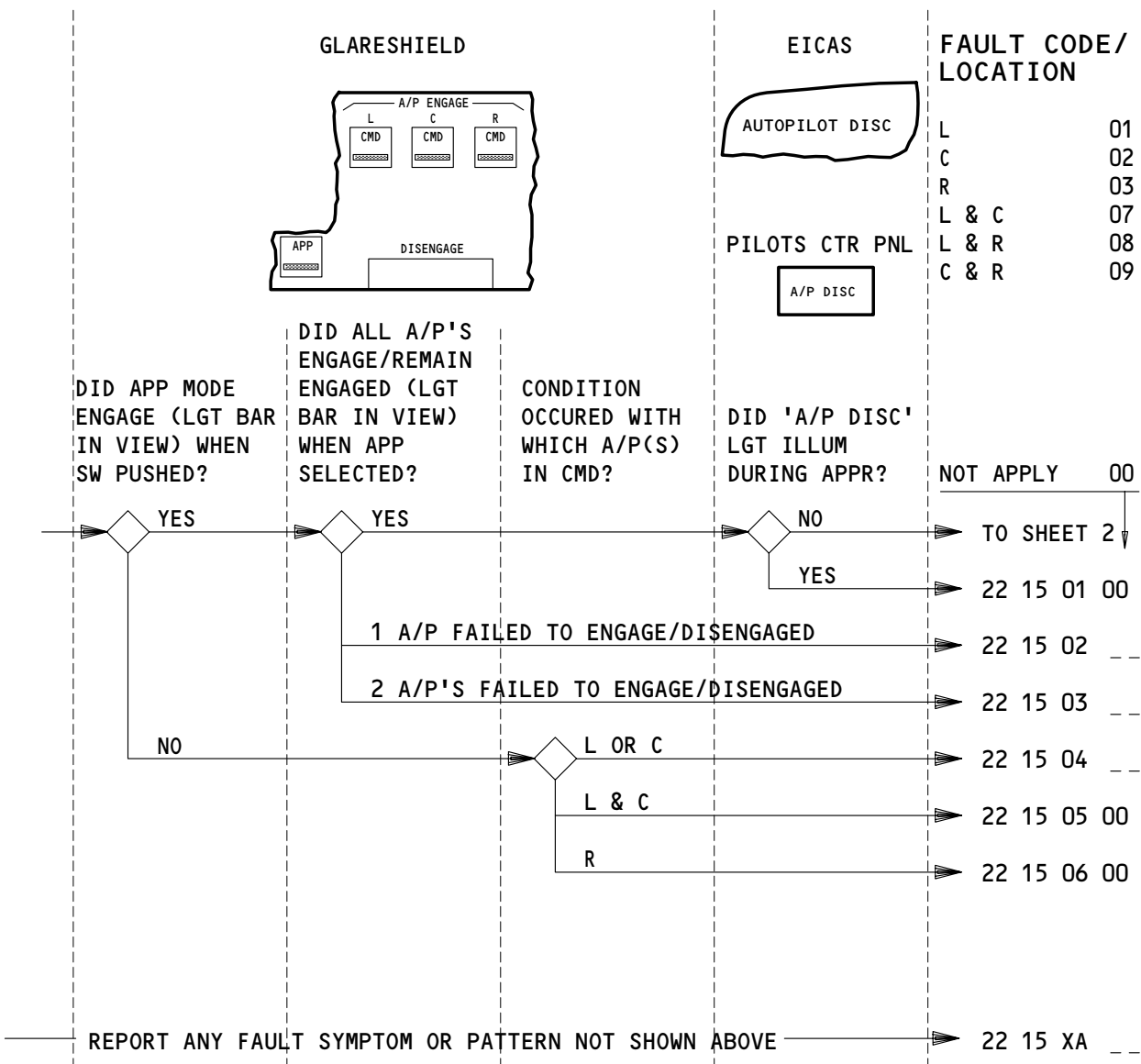
ALTITUDE ALERT - LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

AUTOLAND (SHEET 1) - FAULT CODES

EFFECTIVITY

ALL

02

AUTO FLIGHT

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AUG 10/96

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 15 01 00	A/P DISC lgt illum & EICAS msg AUTOPILOT DISC displayed after APP mode engaged.
22 15 02 __	(01=L, 02=C, 03=R) A/P CMD sw (failed to engage, disengaged) with APP mode selected.
22 15 03 __	(07=L & C, 08=L & R, 09=C & R) A/P CMD sw's (failed to engage, disengaged) with APP mode selected.
22 15 04 __	APP mode failed to engage when sw pushed with (01=L, 02=C) A/P engaged in CMD.
22 15 05 00	APP mode failed to engage when sw pushed with either L or C A/P engaged in CMD.
22 15 06 00	APP mode failed to engage when sw pushed with R A/P engaged in CMD.
22 15 XA __	Report autoland symptoms or patterns along with fault code.

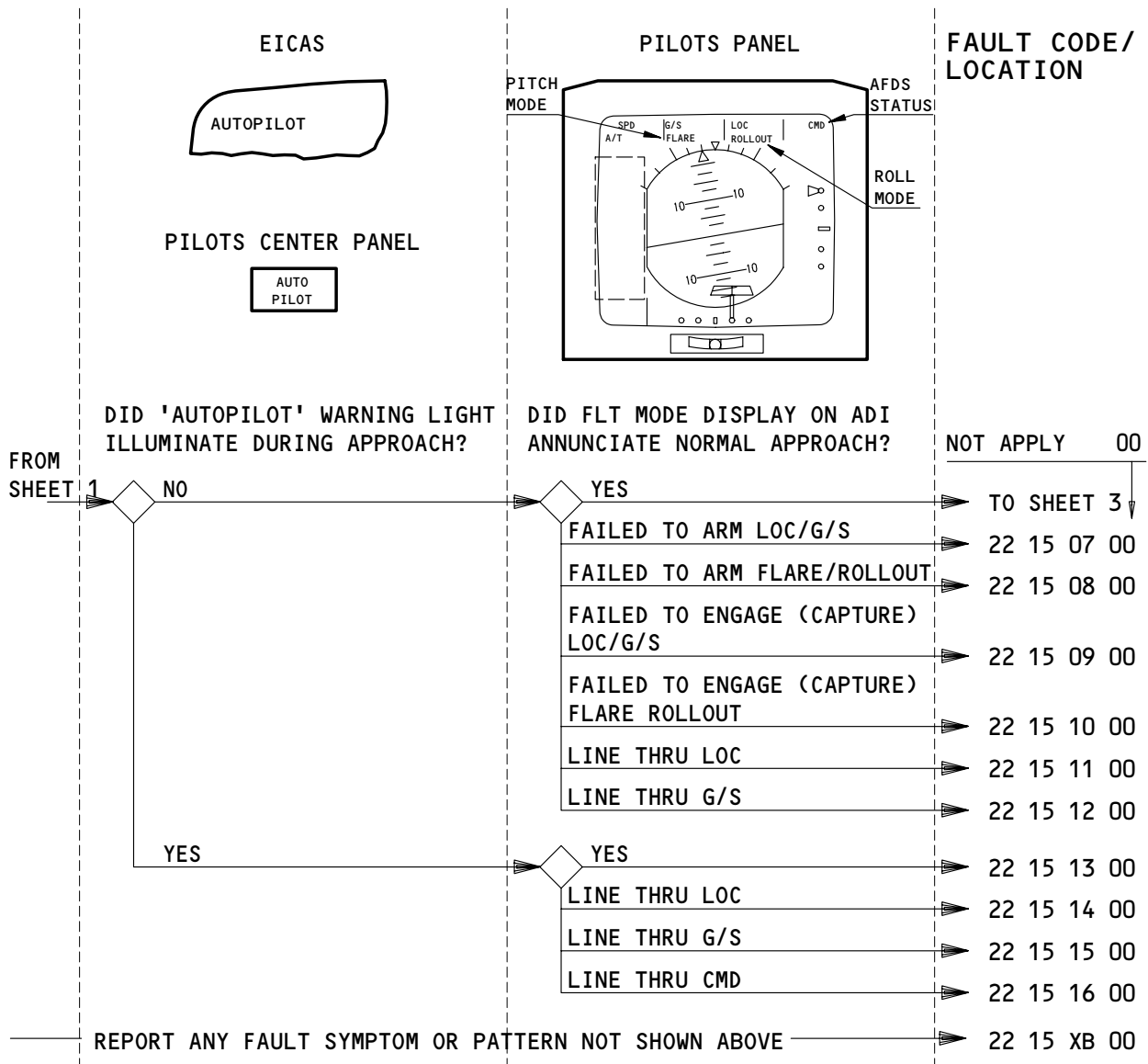
AUTOLAND (SHEET 1) – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

AUTOLAND (SHEET 2) – FAULT CODES

EFFECTIVITY

ALL

42

AUTO FLIGHT

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APR 10/98

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 15 07 00	(LOC, G/S, LOC & G/S) failed to annunciate armed on ADI with APP mode selected.
22 15 08 00	(FLARE, ROLLOUT, FLARE & ROLLOUT) failed to annunciate armed on ADI during multi channel APPR.
22 15 09 00	(LOC, G/S, LOC & G/S) failed to annunciate engaged on ADI during multi channel APPR.
22 15 10 00	(FLARE, ROLLOUT) failed to annunciate engaged on ADI during multi channel APPR.
22 15 11 00	Line drawn thru LOC display on ADI with APP mode selected. AUTOPILOT warn lgt extin.
22 15 12 00	Line drawn thru G/S display on ADI with APP mode selected. AUTOPILOT warn lgt extin.
22 15 13 00	AUTOPILOT warn lgt illum & EICAS msg AUTOPILOT displayed during multi channel APPR.
22 15 14 00	AUTOPILOT warn lgt illum & EICAS msg AUTOPILOT displayed during multi channel APPR. Line drawn thru LOC on ADI.
22 15 15 00	AUTOPILOT warn lgt illum & EICAS msg AUTOPILOT displayed during multi channel APPR. Line drawn thru G/S on ADI.
22 15 16 00	AUTOPILOT warn lgt illum & EICAS msg AUTOPILOT displayed during multi channel APPR. Line drawn thru CMD on ADI.
22 15 XB 00	Report autoland symptoms or patterns along with fault code.

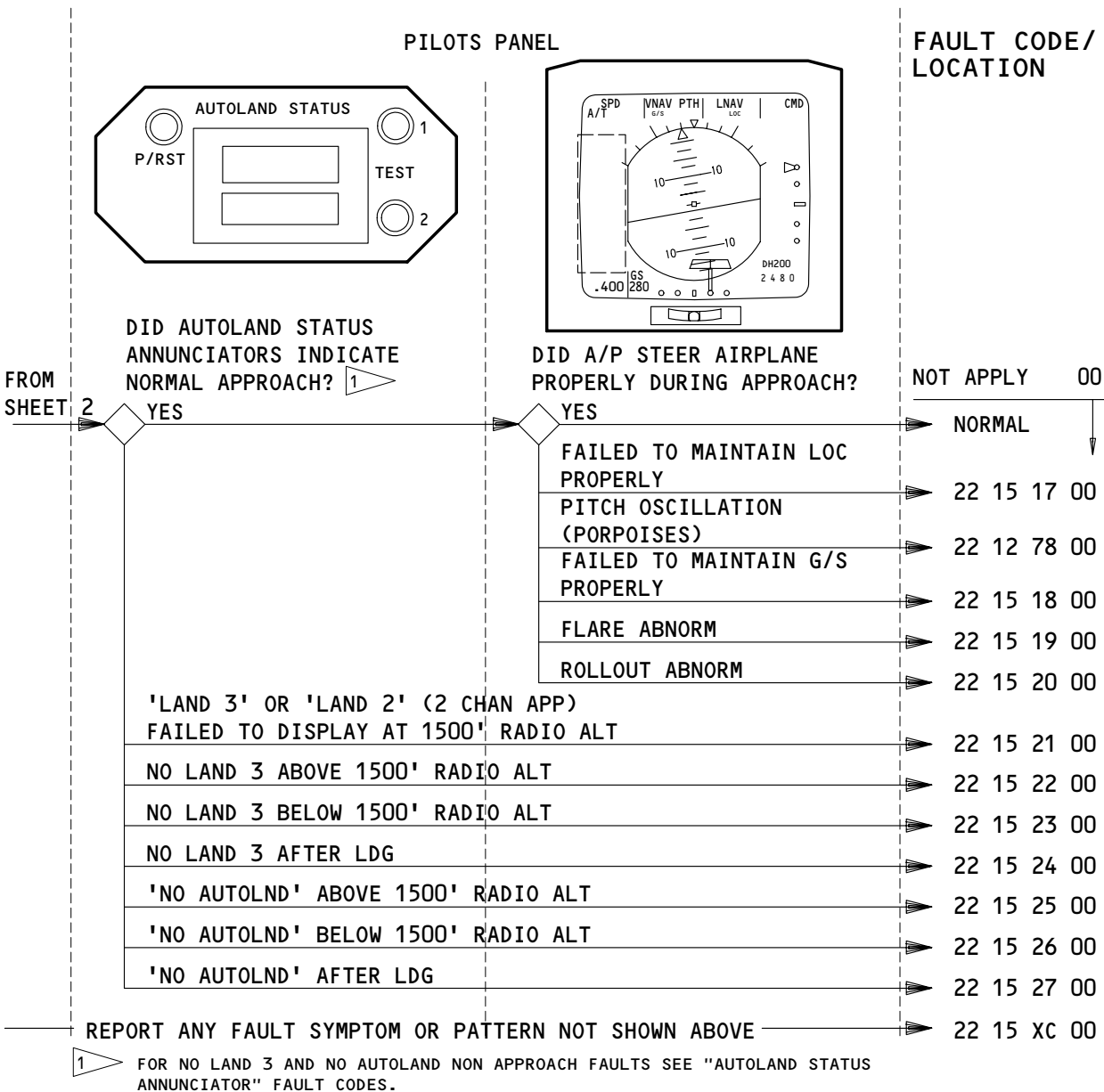
AUTOLAND (SHEET 2) – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17 AUTO FLIGHT WARN	11E21 (CENTER) FLT CONT CMPTR SERVO (C)
11E9 FMCS CMPTR L	11E30 FMCS CMPTR R
11E16 MODE CONT PNL L	11E34 MODE CONT PNL R
11E17 FLT CONT CMPTR PWR L	11E35 (RIGHT) FLT CONT CMPTR PWR (R)
11E18 FLT CONT CMPTR SERVO L	11E36 (RIGHT) FLT CONT CMPTR SERVO (R)
11E20 (CENTER) FLT CONT CMPTR PWR (C)	11F15 TMC DC

AUTOLAND (SHEET 3) - FAULT CODES

EFFECTIVITY

ALL

03

AUTO FLIGHT

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 15 17 00	A/P failed to maintain LOC properly (describe in detail) during multi channel appr.
22 12 78 00	A/P pitch oscillation (porpoises) (describe in detail) during multi channel appr.
22 15 18 00	A/P failed to maintain G/S properly (describe in detail) during multi channel appr.
22 15 19 00	A/P failed to flare properly (describe in detail) during multi channel appr. FLARE annunciation on ADI norm.
22 15 20 00	A/P failed to rollout properly (describe in detail) during multi channel appr. ROLLOUT annunciation on ADI norm.
22 15 21 00	LAND (3, 2) failed to annunciate at 1500' radio alt during (3, 2) channel appr.
22 15 22 00	NO LAND 3 displayed on ASA above 1500' radio alt during multi channel appr.
22 15 23 00	NO LAND 3 displayed on ASA below 1500' radio alt during multi channel appr.
22 15 24 00	NO LAND 3 displayed on ASA after landing during multi channel appr.
22 15 25 00	NO AUTOLND displayed on ASA above 1500' radio alt during multi channel appr.
22 15 26 00	NO AUTOLND displayed on ASA below 1500' radio alt during multi channel appr.
22 15 27 00	NO AUTOLND displayed on ASA after landing during multi channel appr.
22 15 XC 00	Report autoland symptoms or patterns along with fault code.

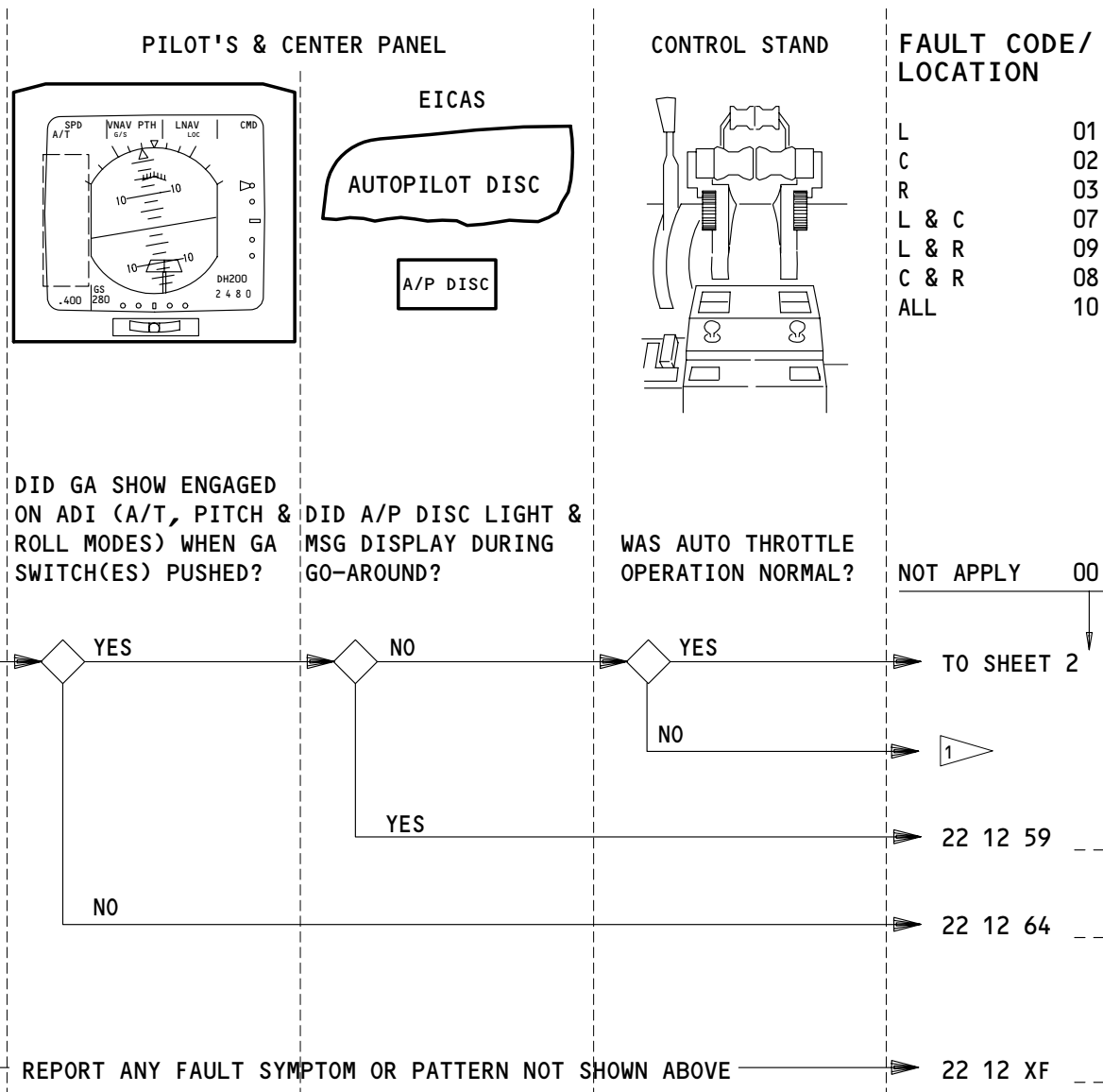
AUTOLAND (SHEET 3) – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

GO-AROUND - A/P (SHEET 1) - FAULT CODES

EFFECTIVITY

ALL

42

AUTO FLIGHT

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 12 59 --	A/P DISC lgt illum and EICAS msg AUTOPILOT DISC displayed with (01=L, 02=C, 03=R, 07=L & C, 08=L & R, 09=C & R, 10=all) A/P sys engaged in CMD.
22 12 64 --	Pitch and roll GA's not displayed on ADI when switch(es) pushed with (01=L, 02=C, 03=R, 07=L & C, 08=L & R, 09=C & R, 10=all) A/P sys engaged in CMD.
22 12 XF --	Report go-around-A/P symptoms or patterns along with fault code.

GO-AROUND - A/P (SHEET 1) - LOG BOOK REPORTS

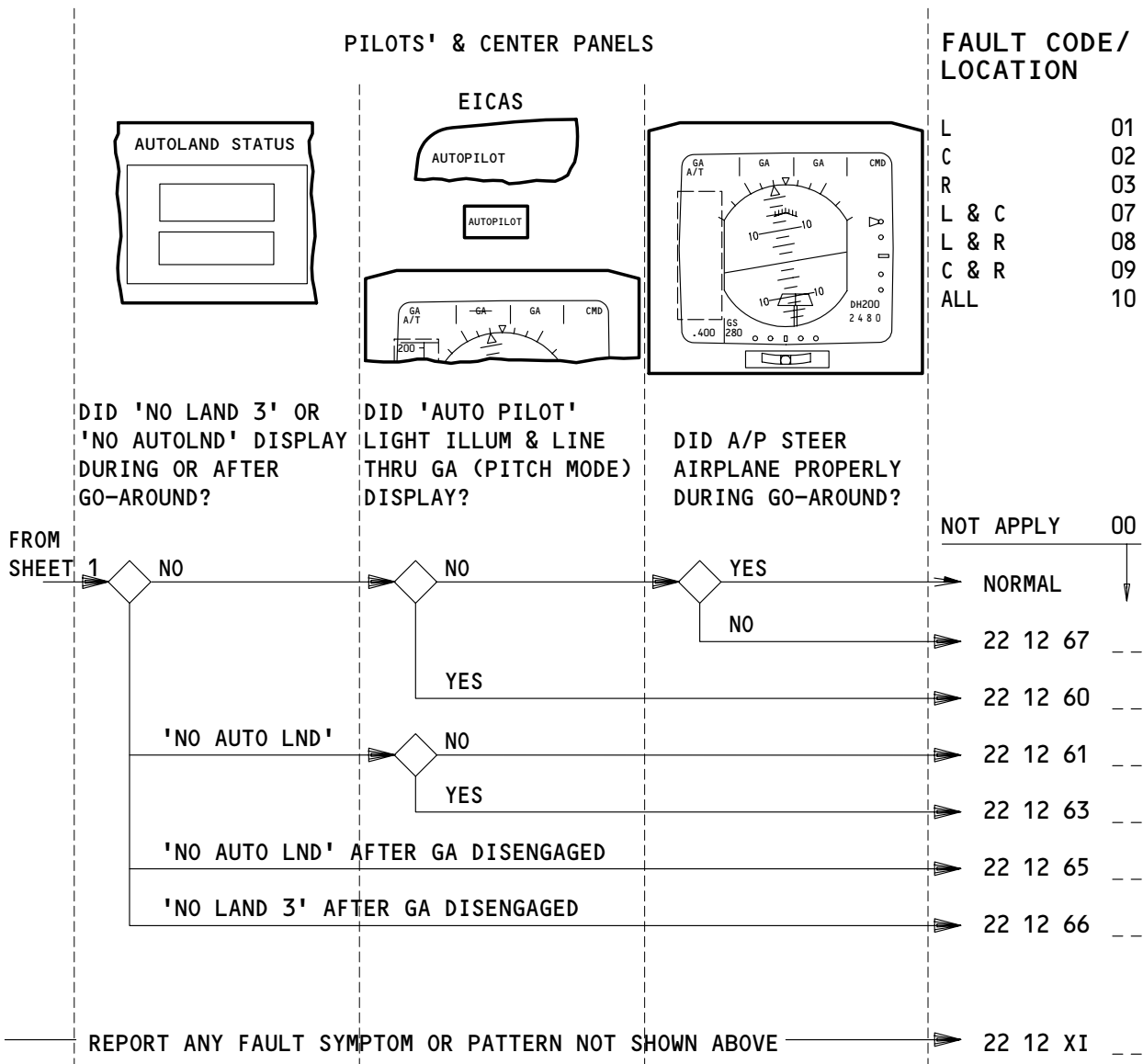
EFFECTIVITY

ALL

AUTO FLIGHT

BOEING 767

FAULT REPORTING MANUAL



**FAULT CODE/
LOCATION**

L 01
C 02
R 03
L & C 07
L & R 08
C & R 09
ALL 10

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

GO-AROUND - A/P (SHEET 2) - FAULT CODES

EFFECTIVITY

ALL

64

AUTO FLIGHT

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 22 12 67 -- A/P failed to (Describe steering problem) during go-around with (01=L, 02=C, 03=R, 07=L & C, 08=L & R, 09=C & R, 10=ALL) A/P sys engaged in CMD.
- 22 12 60 -- AUTOPILOT lgt illum, line thru G/A (pitch) on ADI and EICAS msg AUTOPILOT displayed with (01=L, 02=C, 03=R, 07=L & C, 08=L & R, 09=C & R, 10=ALL) A/P sys engaged in CMD.
- 22 12 61 -- NO AUTOLND displayed on ASA with (01=L, 02=C, 03=R, 07=L & C, 08=L & R 09=C & R, 10=ALL) A/P sys engaged in CMD. AUTOPILOT and A/P DISC lgts extin.
- 22 12 63 -- NO AUTOLND displayed on ASA with (01=L, 02=C, 03=R, 07=L & C, 08=L & R 09=C & R, 10=ALL) A/P sys engaged in CMD. AUTOPILOT lgt illum, line thru G/A (pitch) on ADI and EICAS msg AUTOPILOT displayed.
- 22 12 65 -- NO AUTOLND displayed on ASA after go-around disengaged with (01=L, 02=C, 03=R, 07=L & C, 08=L & R, 09=C & R, 10=ALL) A/P sys engaged in CMD.
- 22 12 66 -- NO LAND 3 displayed on ASA after go-around disengaged with (01=L, 02=C, 03=R, 07=L & C, 08=L & R, 09=C & R, 10=ALL) A/P sys engaged in CMD.
- 22 12 XI -- Report go-around-A/P symptoms or patterns along with fault code.

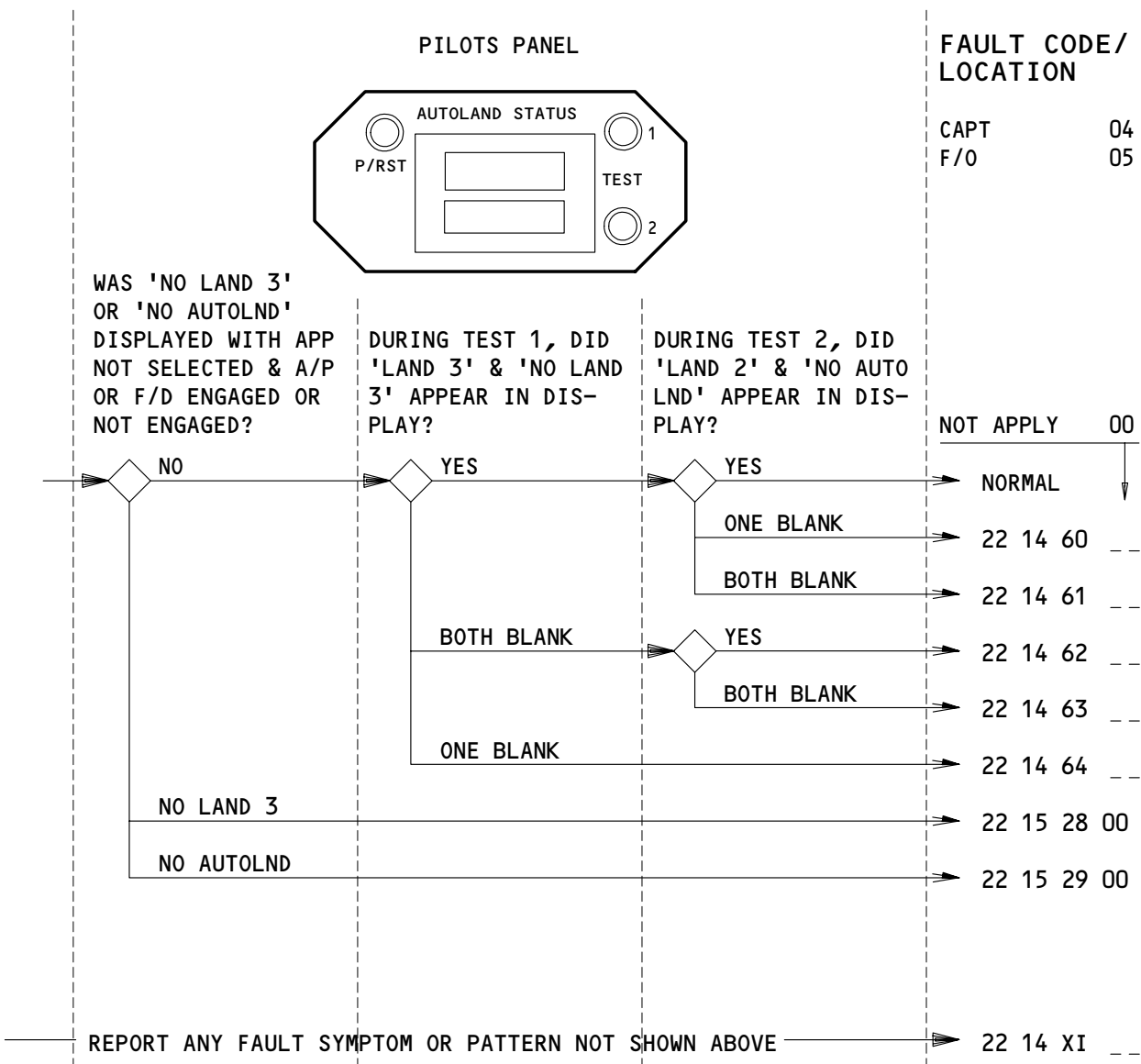
GO-AROUND - A/P (SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A17	AUTO FLIGHT WARN	11E21	(CENTER) FLT CONT CMPTR SERVO (C)
11E9	FMCS CMPTR L	11E30	FMCS CMPTR R
11E16	MODE CONT PNL L	11E34	MODE CONT PNL R
11E17	FLT CONT CMPTR PWR L	11E35	(RIGHT) FLT CONT CMPTR PWR (R)
11E18	FLT CONT CMPTR SERVO L	11E36	(RIGHT) FLT CONT CMPTR SERVO (R)
11E20	(CENTER) FLT CONT CMPTR PWR (C)	11F15	TMC DC

AUTOLAND STATUS ANNUNCIATOR – FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 14 60 __	(04=Capt, 05=F/0) ASA failed to display (LAND 2, NO AUTOLND) during test 2.
22 14 61 __	(04=Capt, 05=F/0) ASA displays blank during test 2.
22 14 62 __	(04=Capt, 05=F/0) ASA displays blank during test 1.
22 14 63 __	(04=Capt, 05=F/0) ASA displays blank during test 1 & 2.
22 14 64 __	(04=Capt, 05=F/0) ASA failed to display (LAND 3, NO LAND 3) during test 1.
22 15 28 00	NO LAND 3 displayed on ASA with APP mode not selected & A/P or F/D engaged or not engaged.
22 15 29 00	NO AUTOLND displayed on ASA with APP mode not selected & A/P or F/D engaged or not engaged.
22 14 XI __	Report autoland status annunciator symptoms or patterns along with fault code.

AUTOLAND STATUS ANNUNCIATOR – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

COMMUNICATIONS

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SATCOM DATALINK	36B
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L SATCOM VOICE.....	36B
R SATCOM VOICE.....	36B

EFFECTIVITY

ALL

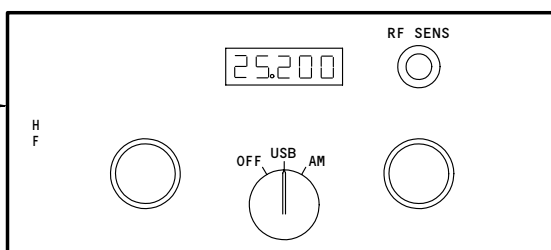
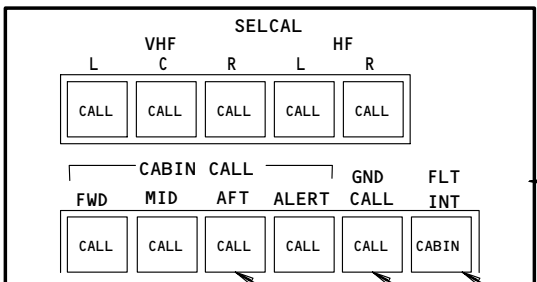
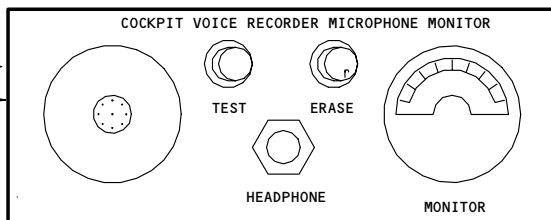
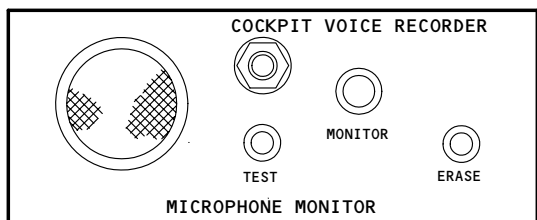
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COMMUNICATIONS

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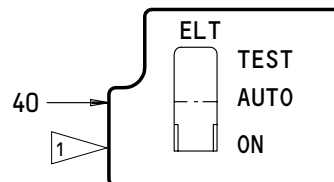
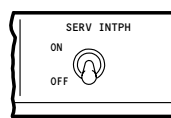
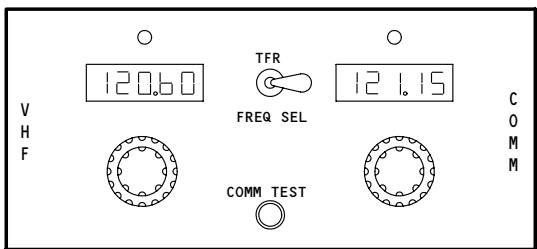
BOEING 767

FAULT REPORTING MANUAL



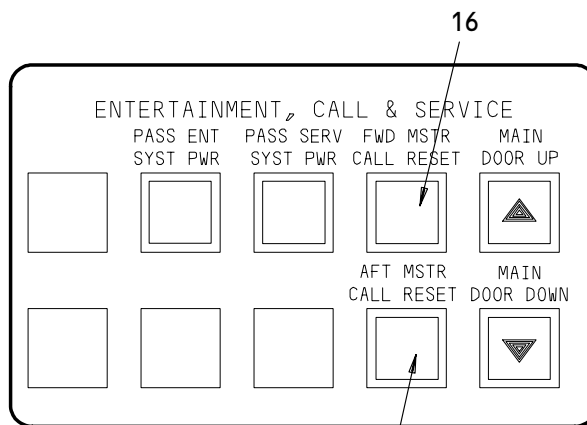
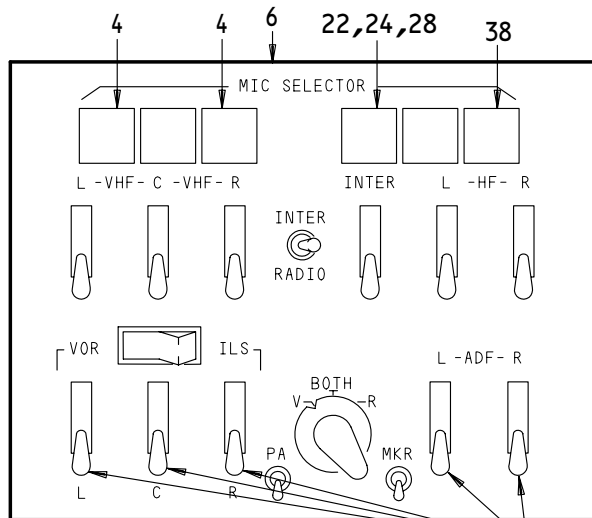
OVERHEAD PANEL

OVERHEAD PANEL



ACCESSORY PANEL

OVERHEAD PANEL



AFT ELECTRONIC & ACCESSORY PANEL

NAVIGATION

FWD ATTND PANEL

- IF INSTALLED
- AS INSTALLED

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EFFECTIVITY

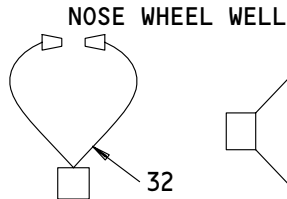
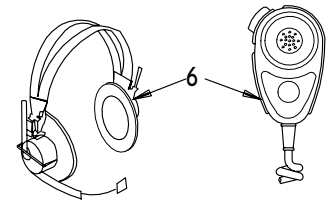
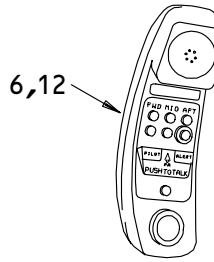
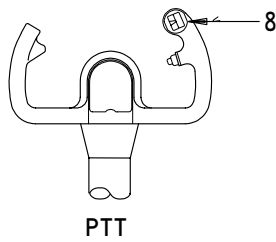
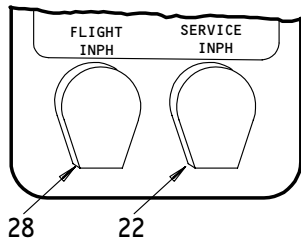
ALL

COMMUNICATIONS

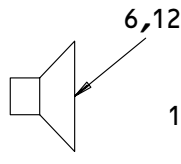
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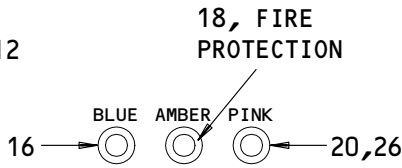
FAULT REPORTING MANUAL



PASS ENTMT



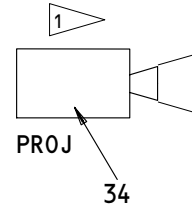
SPEAKER



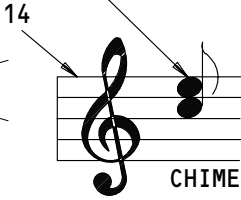
ATTND CALL

18, FIRE PROTECTION

16,18,20,26 FIRE PROTECTION

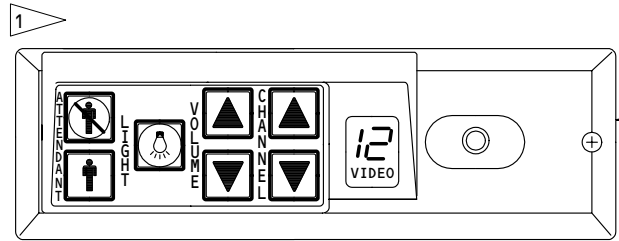


PROJ

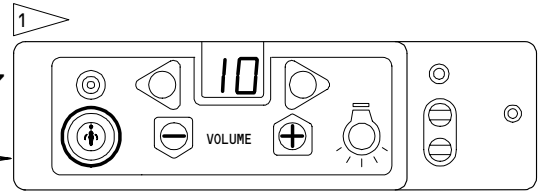


CHIME

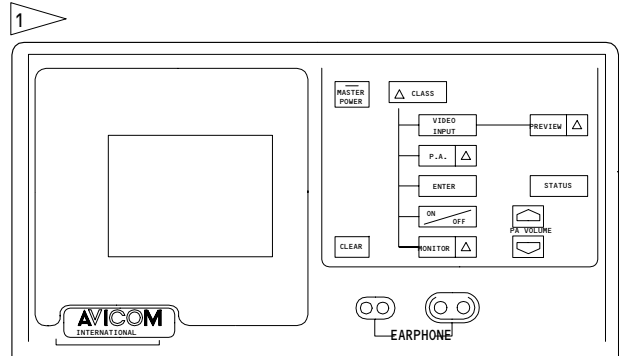
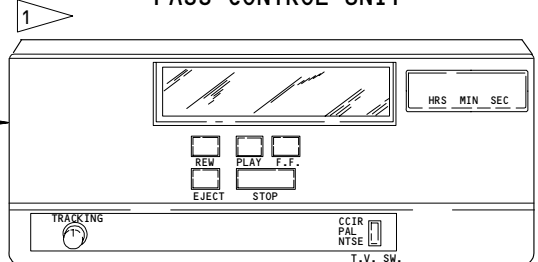
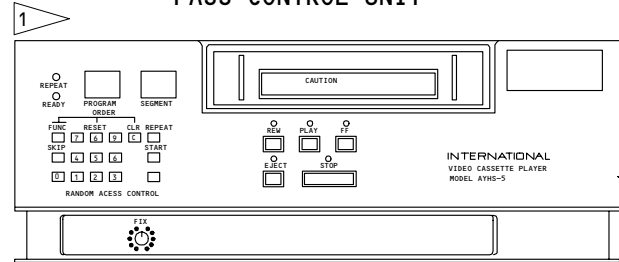
BOARDING MUSIC



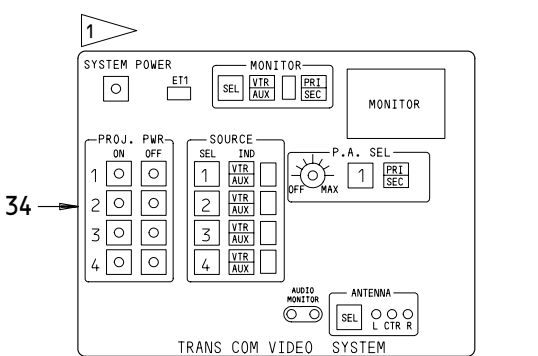
PASS CONTROL UNIT



PASS CONTROL UNIT



SYSTEM CONTROL UNIT



CONTROL DISTRIBUTION UNIT

1 AS INSTALLED

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EFFECTIVITY

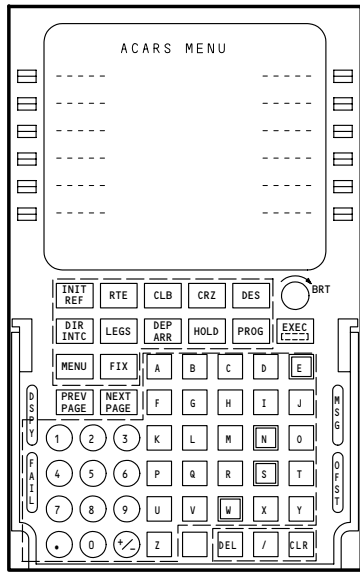
ALL

COMMUNICATIONS

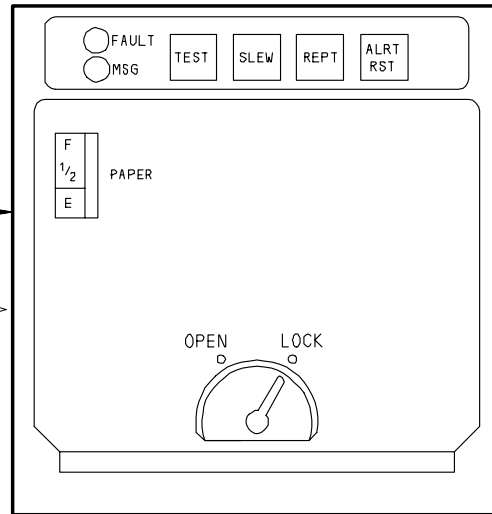
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BOEING 767

FAULT REPORTING MANUAL

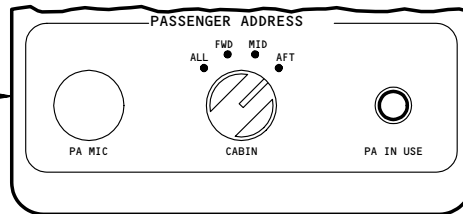


AFT ELECTRONICS PANEL



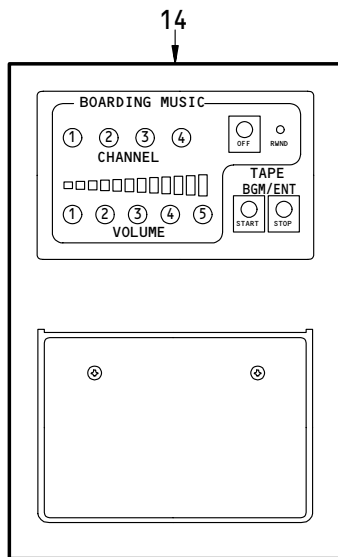
AFT ELECTRONICS PANEL

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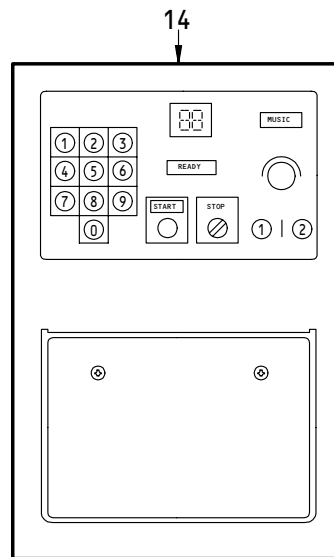


PURSER'S STATION

10 →



PURSER'S STATION



FORWARD CLOSET WALL

OR

1 AS INSTALLED

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EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

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EFFECTIVITY

ALL

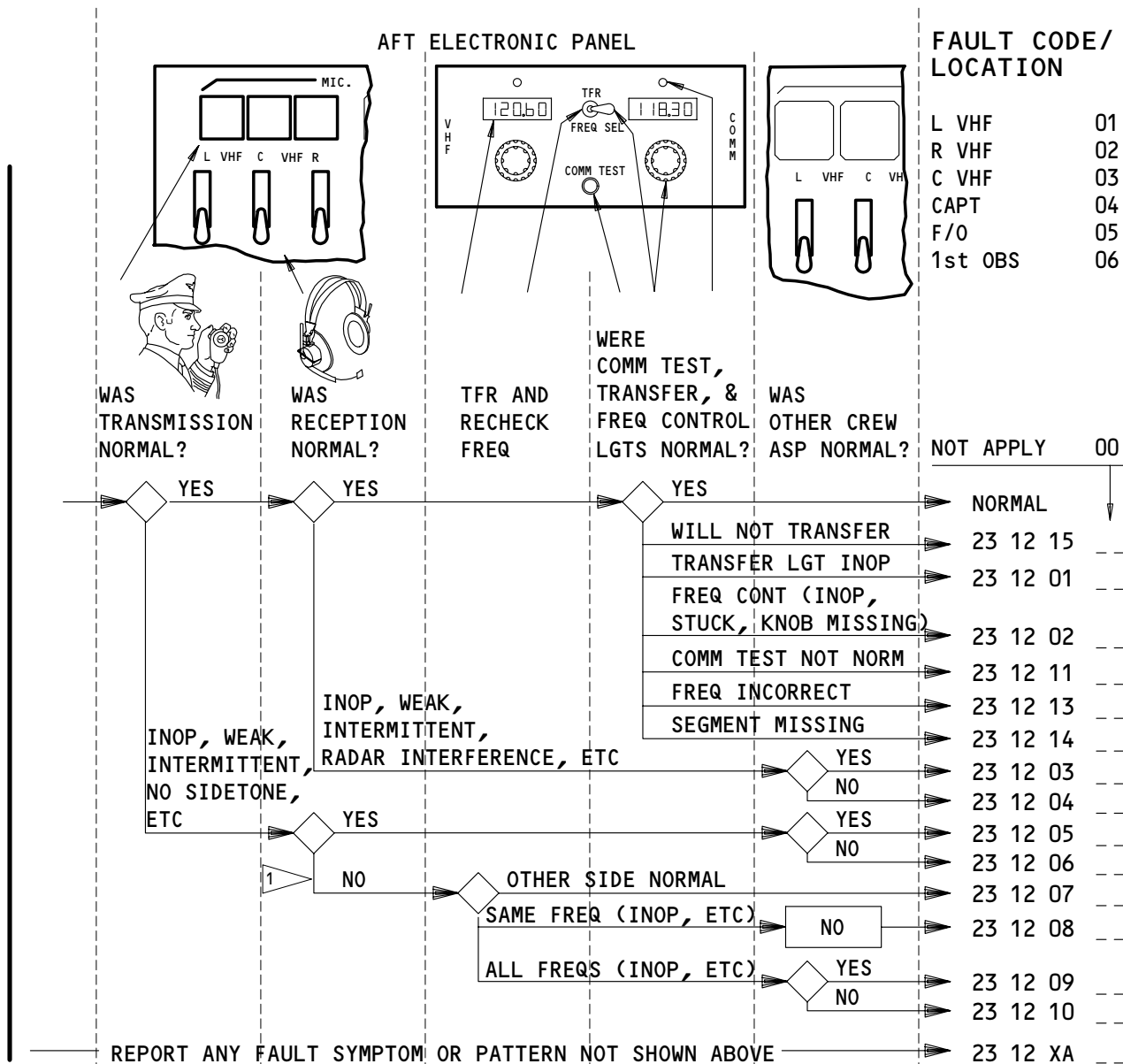
33

COMMUNICATIONS

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BOEING 767

FAULT REPORTING MANUAL



1 LOSS OF R VHF ON GROUND COULD BE NORMAL RESULT OF ANTENNA POSITION. IF AUDIO SELECTOR PANEL OR MIC IS FAULTY, SEE "ASP, COCKPIT MIC, HEADSET, HANDSET, SPEAKER" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS

11C3	VHF COMM L	11G4	VHF COMM CTR	11G31	VHF COMM R
11C25	CAPT/OBS FLT AMPL	11G29	CAPT/OBS FLT AMPL		
11C26	F/O	11G30	F/O		

VHF COMM - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 12 15 __	(01=L, 02=R, 03=C) VHF will not transfer to (L, R) side.
23 12 01 __	(01=L, 02=R, 03=C) VHF transfer lgt inop for (L, R) selected frequency.
23 12 02 __	(01=L, 02=R, 03=C) VHF freq control (describe problem: inop, stuck, knob missing, etc) for (L, R) frequency.
23 12 11 __	(01=L, 02=R, 03=C) VHF comm test (describe problem: weak, inop, button stuck, etc).
23 12 13 __	(01=L, 02=R, 03=C) VHF freq indication incorrect. (Describe problem)
23 12 14 __	(01=L, 02=R, 03=C) VHF freq indicator has missing segment.
23 12 03 __	Reception on (L, R, C,all) VHF (describe problem: inop, weak, intermittent, etc) at (04=Capt, 05=F/O, 06=1st Obs) station. Other crew stations are norm.
23 12 04 __	(01=L, 02=R, 03=C) VHF reception (describe problem: inop, weak, intermittent, radar interference, etc) at all crew stations.
23 12 05 __	(L, R, C) VHF xmission (describe problem: inop, weak, intermittent, no sidetone, etc) at (04=Capt, 05=F/O, 06=1st Obs) station. Other crew stations normal.
23 12 06 __	(01=L, 02=R, 03=C) VHF xmission (describe problem: inop, weak, intermittent, no sidetone, etc) at all crew stations.
23 12 07 __	(01=L, 02=R, 03=C) VHF xmission and reception inop when using (L, R) selected frequency (specify freq).
23 12 08 __	(01=L, 02=R, 03=C) VHF xmission and reception (describe problem: inop, weak, intermittent, etc) on (specify freq).
23 12 09 __	Xmission and reception on (L, R, C) VHF (describe problem: inop, weak, intermittent, etc) at (04=Capt, 05=F/O, 06=1st Obs) station.
23 12 10 __	(01=L, 02=R, 03=C) VHF xmission and reception (describe problem: inop, weak, intermittent, etc) at all crew stations on all freq.
23 12 XA __	Report VHF comm symptoms or patterns along with fault code.

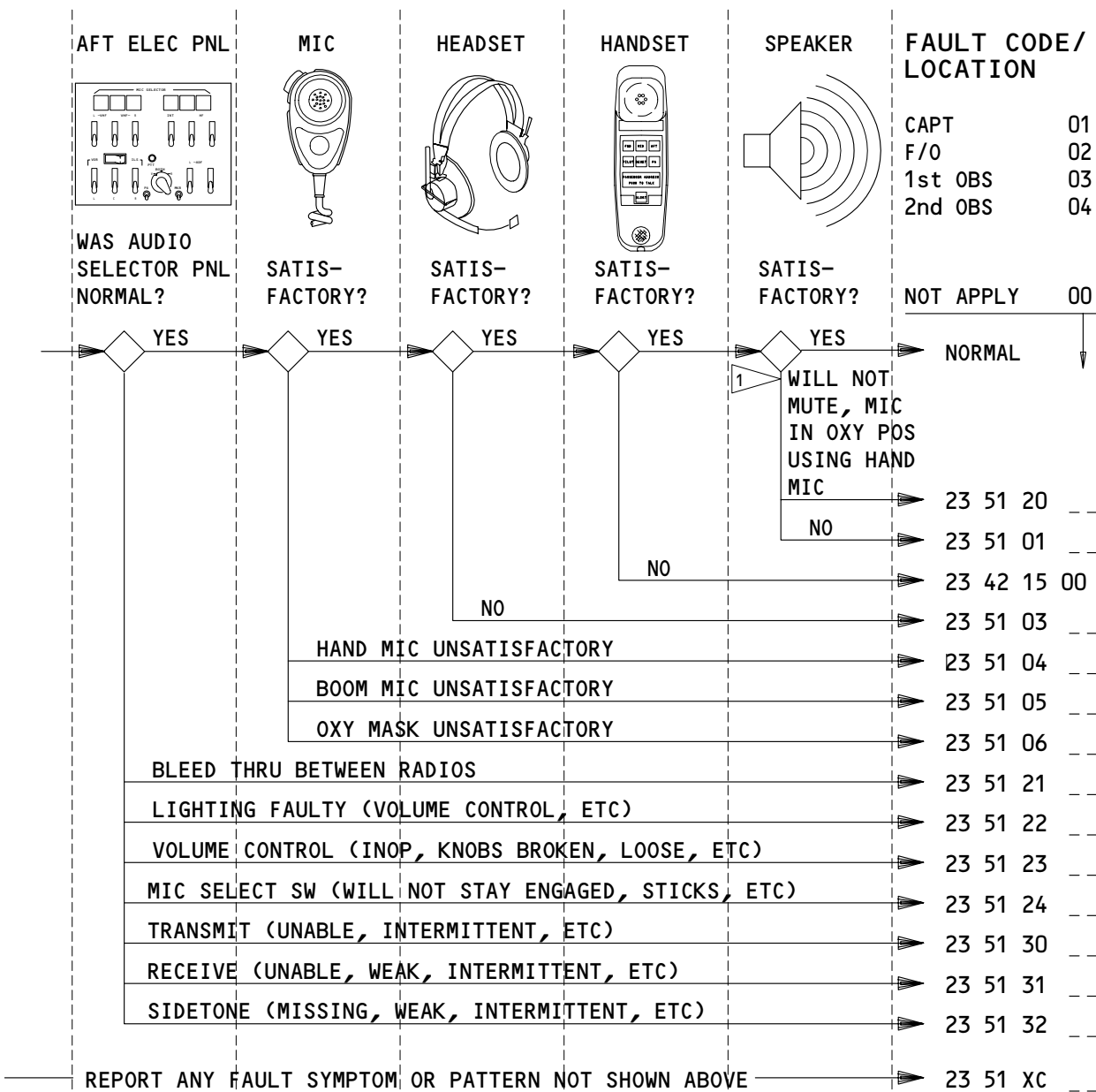
VHF COMM – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



1 ▷ CAPT OR F/O MIC WILL MUTE OPPOSITE SPEAKER.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C25 CAPT/OBS (FLT AMPL)
OR
CAPT (SUP-NUM) FLT AMPL DUAL PWR

11G29 CAPT/OBS (FLT AMPL)
OR
CAPT (SUP-NUM) FLT AMPL DUAL PWR

11C26 F/O (OBS DUAL PWR)

11G30 F/O (OBS DUAL PWR)

ASP, COCKPIT MIC, HEADSET, HANDSET, SPEAKER – FAULT CODES

EFFECTIVITY

ALL

COMMUNICATIONS

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 51 20 --	Cockpit speaker will not mute with (01=Capt, 02=F/0) audio selector panel in oxy position, using hand mic.
23 51 01 --	(01=Capt, 02=F/0) speaker (describe problem: low, noisy, etc).
23 42 15 00	Cockpit handset (describe problem: noisy, unable to talk, etc).
23 51 03 --	(01=Capt, 02=F/0, 03=1st Obs, 04=2nd Obs) headset (describe problem: noisy, unable to hear, etc).
23 51 04 --	(01=Capt, 02=F/0, 03=1st Obs) hand mic unsatisfactory.
23 51 05 --	(01=Capt, 02=F/0, 03=1st Obs) boom mic unsatisfactory.
23 51 06 --	(01=Capt, 02=F/0, 03=1st Obs) oxy mask mic unsatisfactory.
23 51 21 --	(01=Capt, 02=F/0, 03=1st Obs) audio selector panel has bleed thru (describe).
23 51 22 --	(01=Capt, 02=F/0, 03=1st Obs) audio selector panel lighting faulty (volume control, etc).
23 51 23 --	(01=Capt, 02=F/0, 03=1st Obs) audio selector panel volume control (inop, knobs broken, loose, etc).
23 51 24 --	(Identify radio) Mic select sw (will not stay engaged, sticks, etc) on (01=Capt, 02=F/0, 03=1st Obs) ASP.
23 51 30 --	(Unable to transmit, Transmission weak, etc) using mic select sw position on (01=Capt, 02=F/0, 03=1st Obs) audio selector panel.
23 51 31 --	(Unable to receive, Reception weak, intermittent, etc) using mic select sw position on (01=Capt, 02=F/0, 03=1st Obs) audio selector panel.
23 51 32 --	Sidetone (missing, weak, intermittent, etc) using (01=Capt, 02=F/0, 03=1st Obs,) audio selector panel.
23 51 XC --	Report ASP, cockpit mic, headset, handset, speaker symptoms or patterns along with fault codes.

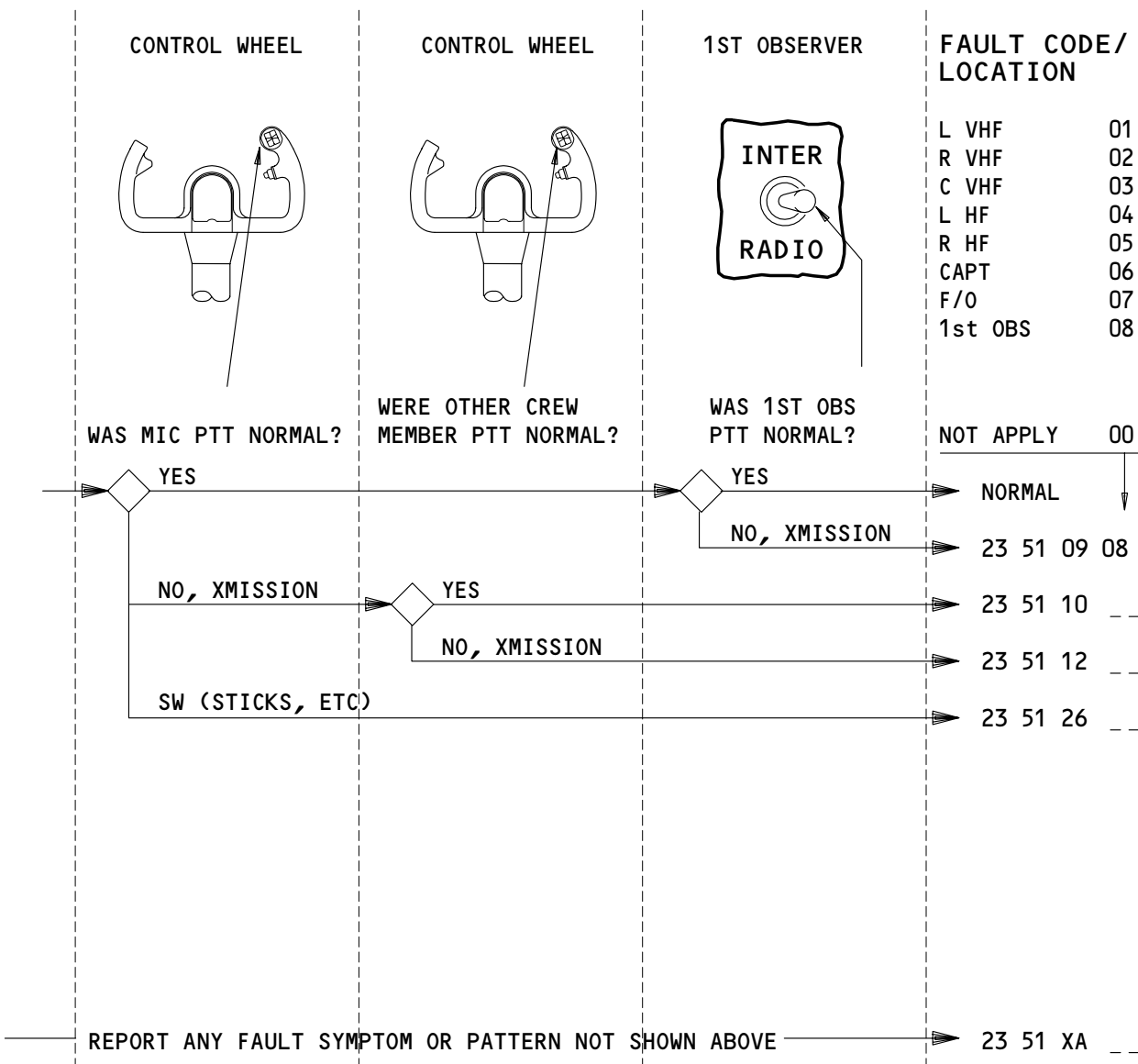
ASP, COCKPIT MIC, HEADSET, HANDSET, SPEAKER – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11C3	VHF COMM L	11G29	CAPT/OBS FLT AMPL
11C25	CAPT/OBS FLT AMPL	11G30	F/O
11C26	F/O	11G31	VHF COMM R
11G4	VHF COMM CTR	11G33	RIGHT HF COMM
11G8	LEFT HF COMM		

PUSH TO TALK (PTT) – FAULT CODES

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 51 09 08	Xmission is (inop, weak, intermittent, etc) using 1st obs PTT.
23 51 10 --	Xmission is (inop, weak, intermittent, etc) using (06=Capt, 07=F/0) control wheel PTT sw. Other pilot PTT sw norm.
23 51 12 --	Xmission from any crew position on (01=L VHF, 02=R VHF, 03=C VHF, 04=L HF, 05=R HF) comm not norm. (describe)
23 51 26 --	(06=Capt, 07=F/0) control wheel PTT sw (sticks, etc).
23 51 XA --	Report push to talk (PTT) symptoms or patterns along with fault codes.

PUSH TO TALK (PTT) - LOG BOOK REPORTS

EFFECTIVITY

ALL

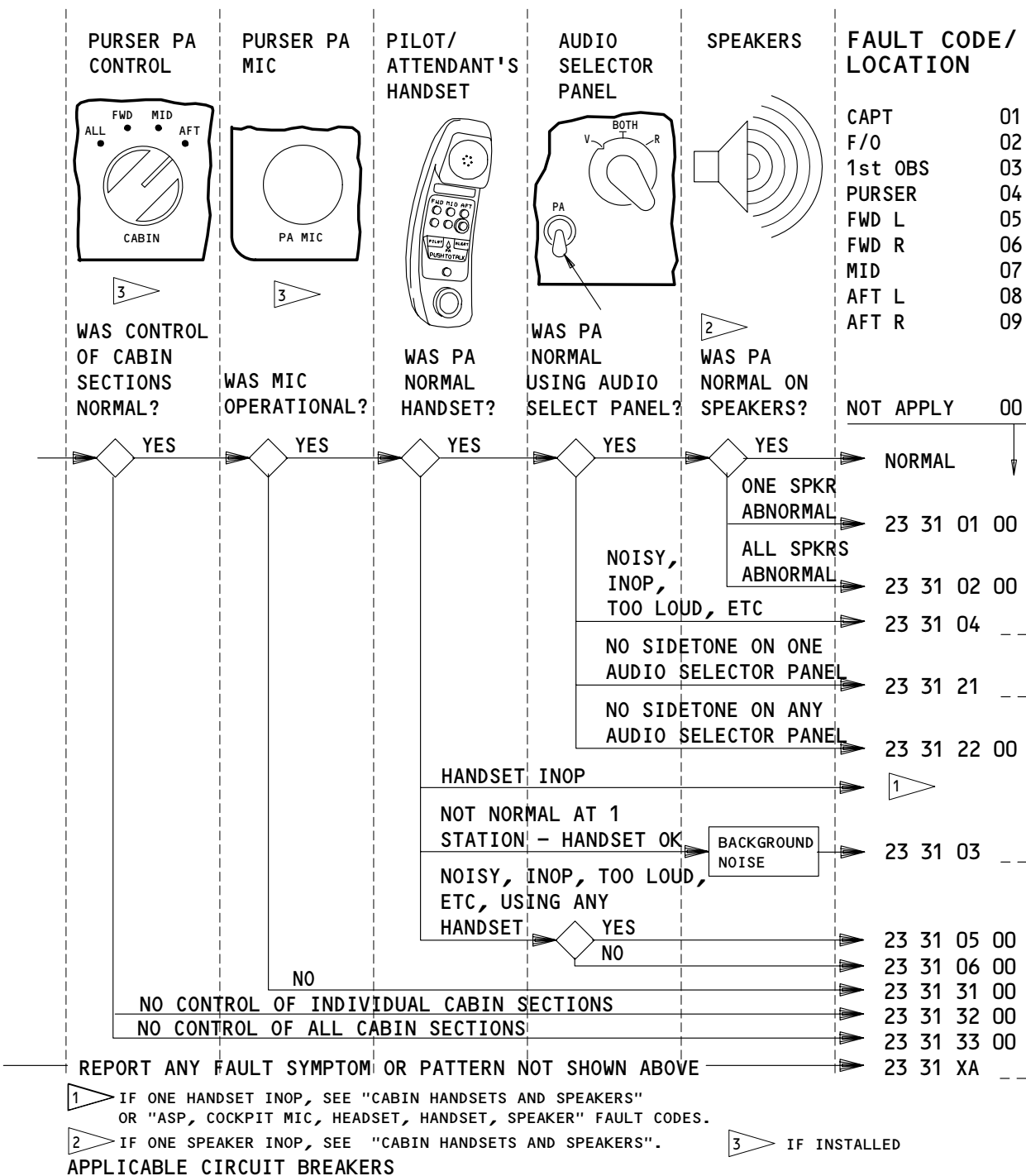
06

COMMUNICATIONS

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FAULT REPORTING MANUAL



11C22	PASS ADRS	11C26	F/O	11G29	CAPT/OBS FLT AMPL
11C23	CABIN SERVICE	11C25	CAPT/OBS FLT AMPL	11G30	F/O

PASSENGER ADDRESS SYSTEM - FAULT CODES

EFFECTIVITY

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 31 01 00	One speaker is (describe problem: noisy, inop, too loud, etc) when PA is used.
23 31 02 00	All speakers are (describe problem: noisy, inop, too loud, etc) when PA is used.
23 31 04 __	PA is (describe problem: noisy, inop, too loud, etc) when using (01=Capt, 02=F/O, 03=1st Obs) audio select panel.
23 31 21 __	PA has no sidetone when using (01=Capt, 02=F/O, 03=1st OBS) audio select panel.
23 31 22 00	PA has no sidetone when using any audio selector panel.
23 31 03 __	PA has background noise when using (01=Capt, 04=Purser, 05=fwd L, 06=fwd R, 07=mid, 08=aft L, 09=aft R) handset. Handset is normal.
23 31 05 00	PA is (describe problem: noisy, inop, too loud, etc) when using handsets. PA is normal when using audio select panel.
23 31 06 00	PA is (describe problem: noisy, inop, too loud, etc) when using handsets or audio selector panels.
23 31 31 00	Purser PA Microphone is inop.
23 31 32 00	Purser PA control is inoperative when selecting individual cabin sections.
23 31 33 00	Purser PA control is inoperative when selecting all cabin stations.
23 31 XA __	Report passenger address system symptoms or patterns along with fault codes.

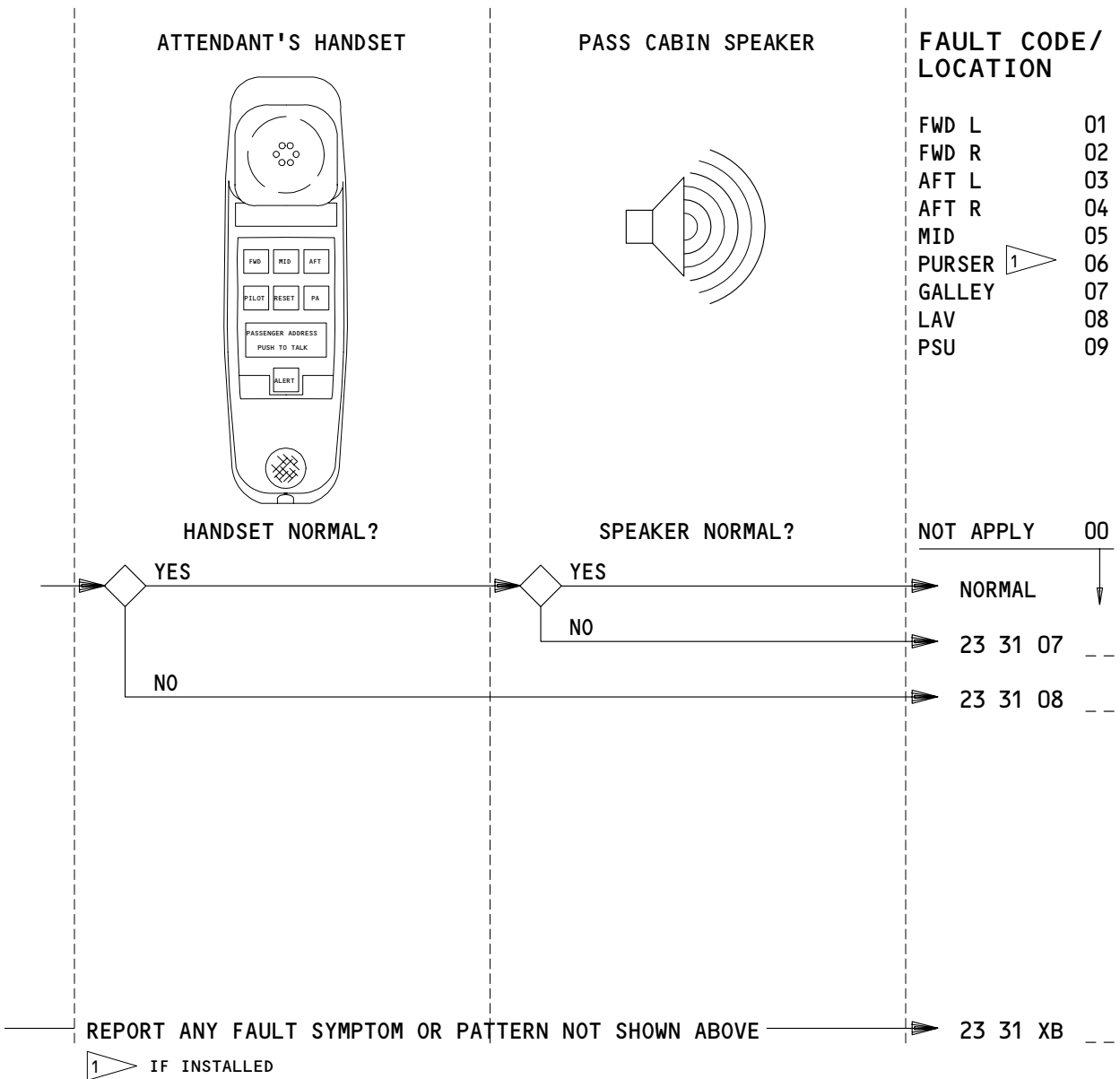
PASSENGER ADDRESS SYSTEM – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

- 11C22 PASS ADRS
- 11C23 CABIN SERVICE

CABIN HANDSETS AND SPEAKERS – FAULT CODES

EFFECTIVITY
ALL

COMMUNICATIONS

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

23 31 07 -- (01=Fwd L, 02=Fwd R, 03=Aft L, 04=Aft R, 05=Mid, 07=Galley, 08=Lav, 09=PSU) speaker (describe problem: noisy, inop, etc).

23 31 08 -- (01=fwd L, 02=fwd R, 03=aft L, 04=aft R, 05=Mid, 06=Purser) attendants handset (describe problem: unable to talk, unable to hear, unable to key).

23 31 XB -- Report cabin handset and speaker symptoms or patterns along with fault code.

CABIN HANDSETS AND SPEAKERS – LOG BOOK REPORTS

EFFECTIVITY

ALL

33

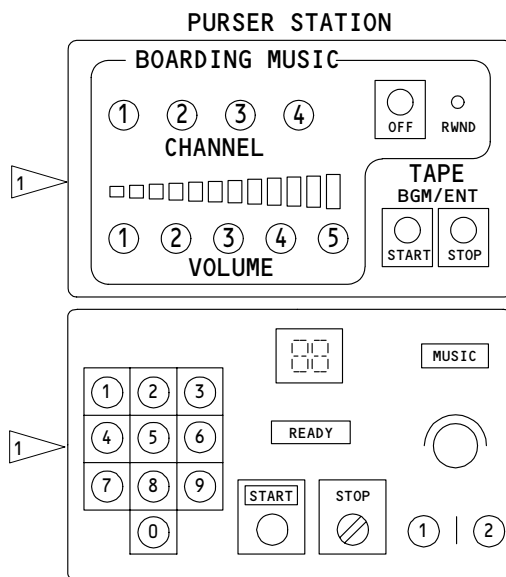
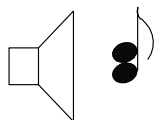
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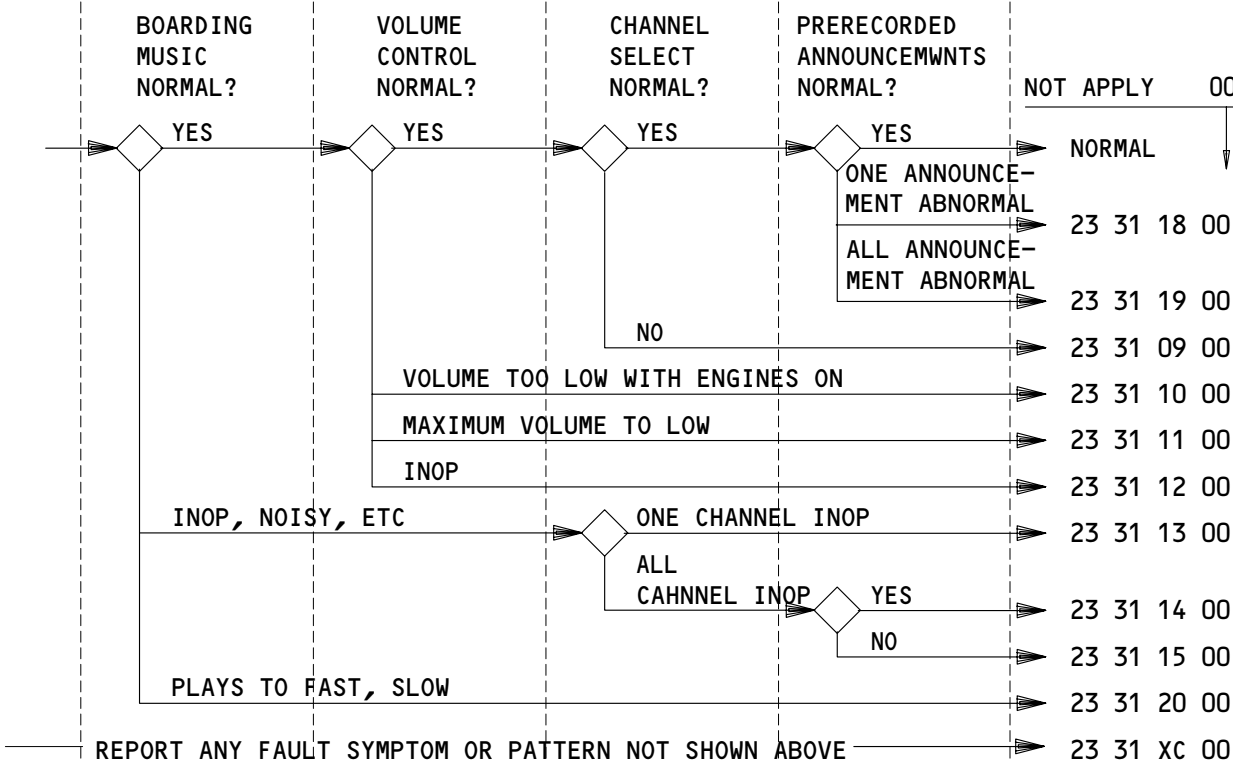
BOEING 767

FAULT REPORTING MANUAL

GALLEY, LAV,
PSU SPEAKERS



FAULT CODE/
LOCATION



1 IF INSTALLED
APPLICABLE CIRCUIT BREAKERS

11C22 PASS ADRS

BOARDING MUSIC AND PRERECORDED ANNOUNCEMENTS - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 31 18 00	The (enter announcement) announcement is (describe problem: noisy, inop, etc).
23 31 19 00	All prerecorded announcements are (describe problem: noisy, inop, etc).
23 31 09 00	Boarding music channel select not normal.
23 31 10 00	Boarding music volume too low with engines on.
23 31 11 00	Boarding music too low at max volume.
23 31 12 00	Boarding music volume control inop.
23 31 13 00	Boarding music channel ____ is (describe problem: noisy, inop, etc).
23 31 14 00	All boarding music channels are (describe problem: noisy, inop, etc). Pass entmt channels are normal.
23 31 15 00	All boarding music and pass entmt channels are (describe problem: noisy, inop, etc).
23 31 20 00	Boarding music plays too (fast, slow).
23 31 XC 00	Report boarding music and prerecorded announcements symptoms or patterns along with fault code.

BOARDING MUSIC AND PRERECORDED ANNOUNCEMENTS – LOG BOOK REPORTS

EFFECTIVITY

ALL

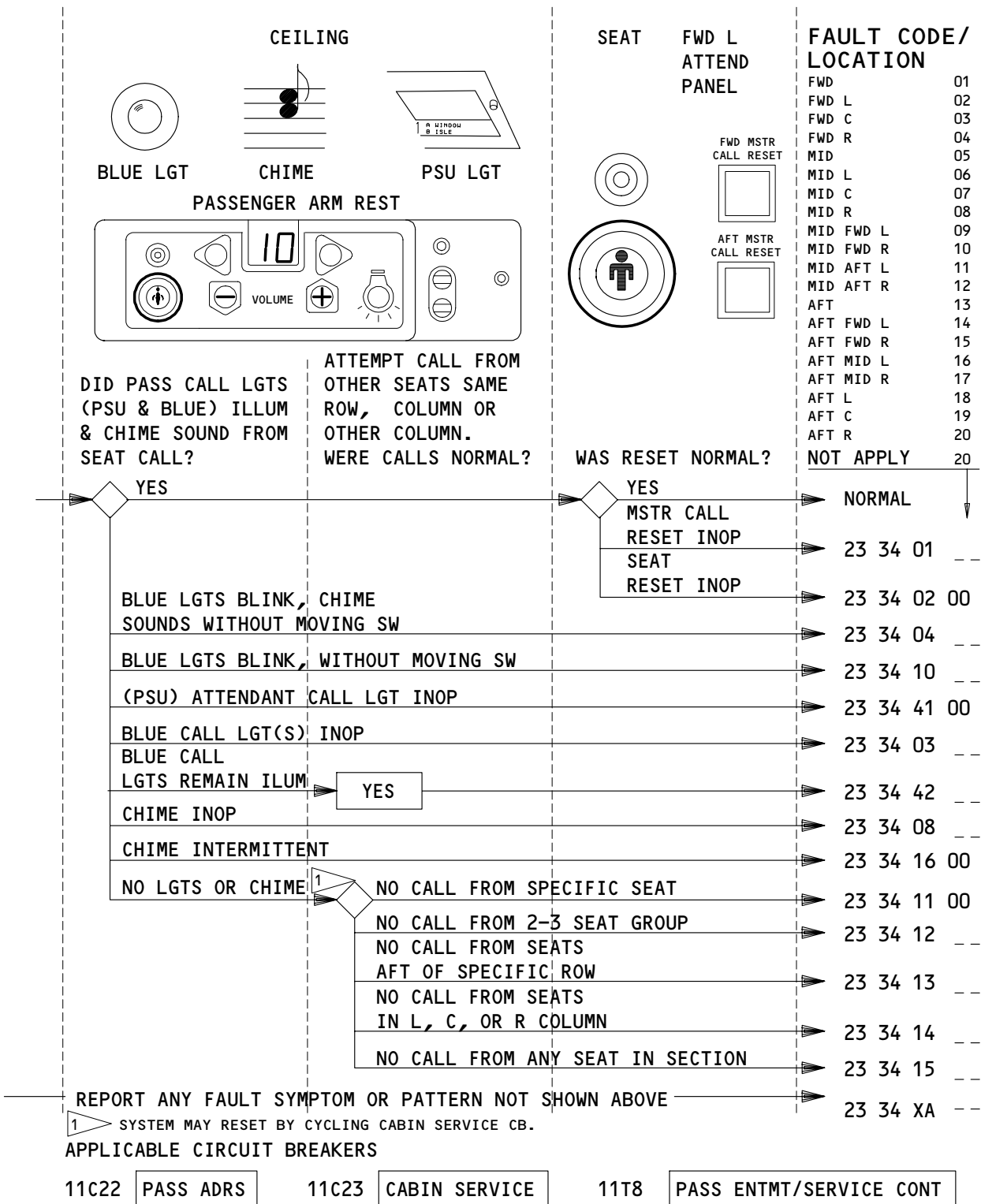
08

COMMUNICATIONS

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FAULT REPORTING MANUAL



ATTENDANT CALL FROM SEATS – FAULT CODES

EFFECTIVITY
SAS AIRPLANES

COMMUNICATIONS

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BOEING 767
FAULT REPORTING MANUAL

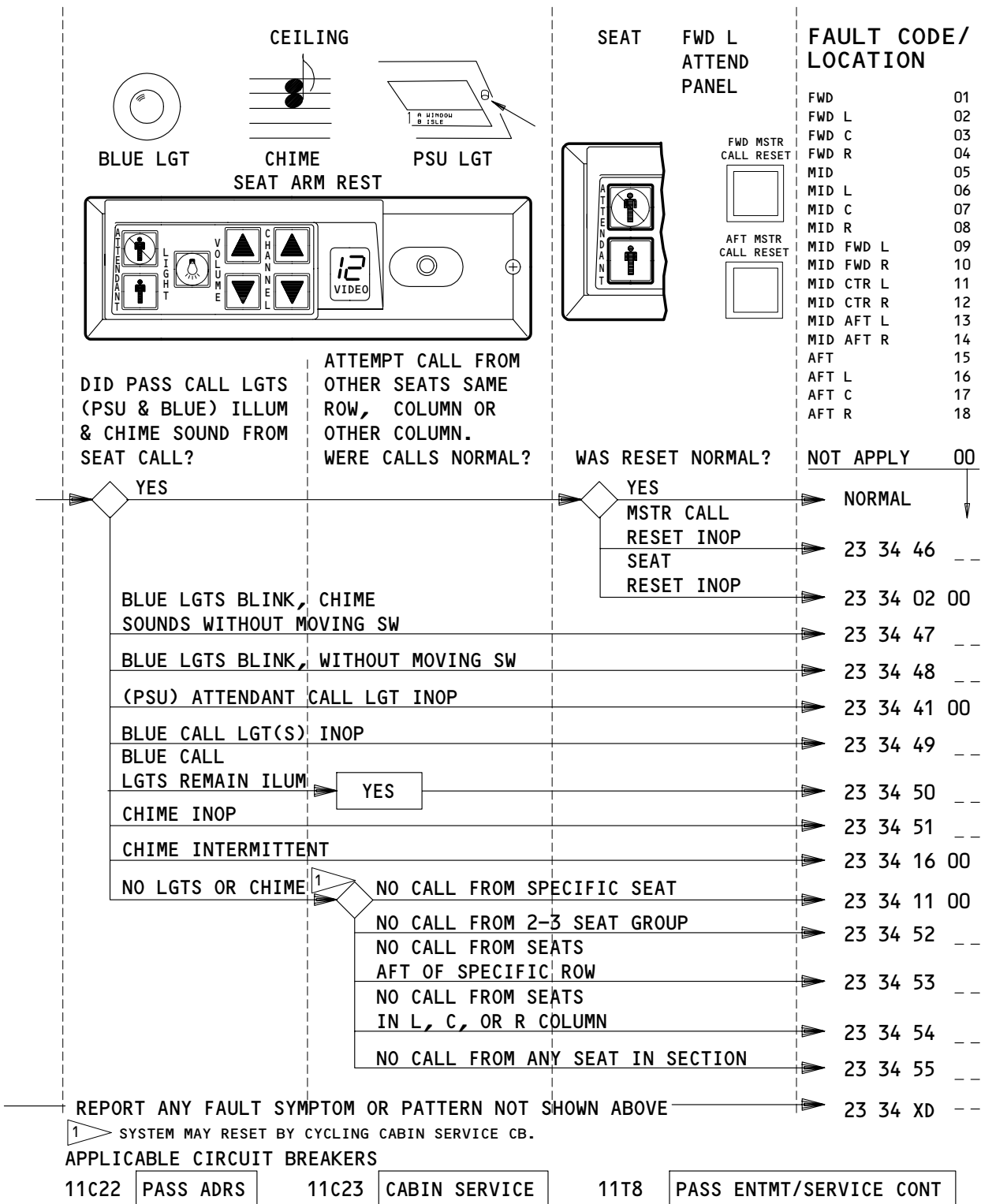
FAULT CODE	LOG BOOK REPORT
23 34 01 __	(01=Fwd, 13=Aft) master attendant call reset not normal.
23 34 02 00	Attendant call lgt will not reset at seat ____.
23 34 04 __	(02=Fwd L, 04=Fwd R, 06=Mid L, 08=Mid R, 18=Aft L, 20=Aft R) attendant call lgts blink. Chime sounds.
23 34 10 __	(02=Fwd L, 04=Fwd R, 06=Mid L, 08=Mid R, 18=Aft L, 20=Aft R) attendant call lgts blink. Chime doesn't sound.
23 34 41 00	Attendant call lgt in PSU inop at seat ____.
23 34 03 __	(02=Fwd L, 04=Fwd R, 09=Mid Fwd L, 10=Mid Fwd R, 11=Mid Aft L, 12=Mid Aft R, 14=Aft Fwd L, 15=Aft Fwd R, 16=Aft Mid L, 17=Aft Mid R, 18=Aft L, 20=Aft R) BLUE call lgts inop.
23 34 42 __	(02=Fwd L, 04=Fwd R, 05=Mid L, 08=Mid R, 18=Aft L, 20=Aft R) blue call lgts remain illum with no call lgts illum in PSU. MSTR call reset will reset lgts.
23 34 08 __	(02=Fwd L, 03=Fwd C, 06=Mid L, 08=Mid R, 18=Aft L, 20=Aft R) attendant call chime(s) inop when calling from seat _____. Call lgts are normal.
23 34 16 00	Cabin chime sounds intermittently.
23 34 11 00	Attendant call lgt & chime inop from seat ____.
23 34 12 __	In (02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Mid L, 07=Mid C, 08=Mid R, 18=Aft L, 19=Aft C, 20=Aft R) column, attendant call lgt for row ____ inop. Chime fails to sound.
23 34 13 __	In (02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Mid L, 07=Mid C, 08=Mid R, 18=Aft L, 19=Aft C, 20=Aft R) column, attendant call lgt for row ____ and aft inop. Chime fails to sound.
23 34 14 __	(02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Mid L, 07=Mid C, 08=Mid R, 18=Aft L, 19=Aft C, 20=Aft R) column attendant call lgts inop. Chime fails to sound.
23 34 15 __	(01=Fwd, 05=Mid, 13=Aft) section attendant call lgts inop. Chime fails to sound.
23 34 XA __	Report attendant call from seats symptoms or patterns along with fault code.

ATTENDANT CALL FROM SEATS – LOG BOOK REPORTS

EFFECTIVITY
SAS AIRPLANES

BOEING 767

FAULT REPORTING MANUAL



ATTENDANT CALL FROM SEATS – FAULT CODES

EFFECTIVITY
MTH AIRPLANES

COMMUNICATIONS

BOEING 767
FAULT REPORTING MANUAL

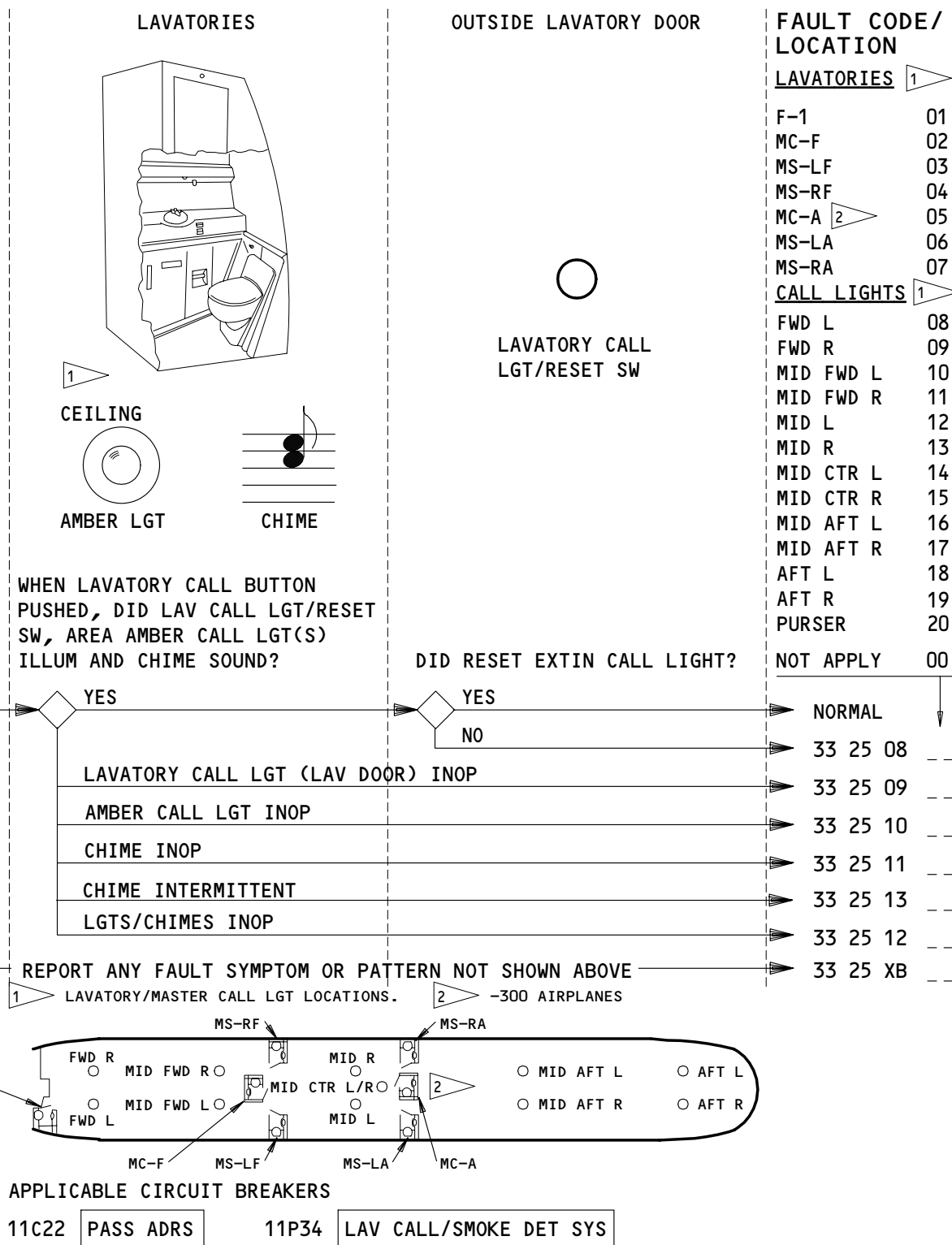
FAULT CODE	LOG BOOK REPORT
23 34 46 --	(01=Fwd, 15=Aft) master attendant call reset not normal.
23 34 02 00	Attendant call lgt will not reset at seat ____.
23 34 47 --	(02=Fwd L, 04=Fwd R, 09=Mid Fwd L, 10=Mid Fwd R, 11=Mid Ctr L, 12=Mid Ctr R, 13=Mid Aft L, 14=Mid Aft R, 16=Aft L, 17=Aft R) attendant call lgts blink. Chimes sounds.
23 34 48 --	(02=Fwd L, 04=Fwd R, 09=Mid Fwd L, 10=Mid Fwd R, 11=Mid Ctr L, 12=Mid Ctr R, 13=Mid Aft L, 14=Mid Aft R, 16=Aft L, 17=Aft C) attendant call lgts blink. Chime doesn't sound.
23 34 41 00	Attendant call lgt in PSU inop at seat ____.
23 34 49 --	(02=Fwd L, 04=Fwd R, 09=Mid Fwd L, 10=Mid Fwd R, 11=Mid Ctr L, 12=Mid Ctr R, 13=Mid Aft L, 14=Mid Aft R, 16=Aft L, 17=Aft C) Blue call lgt(s) inop.
23 34 50 --	(01=Fwd, 05=Mid, 15=Aft) blue call lgts remain illum with no call lgts illum in PSU. MASTER call reset will reset lgts.
23 34 51 --	(02=Fwd L, 03=Fwd C, 06=Mid L, 08=Mid R, 16=Aft L, 18=Aft R) attendant Call chimes(s) inop when calling from seat____. Call lgts are normal.
23 34 16 00	Cabin chime sounds intermittently.
23 34 11 00	Attendant call lgt & chime inop from seat ____.
23 34 52 --	In (02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Mid L, 07=Mid C, 08=Mid R, 16=Aft L, 17=Aft C, 18=Aft R) column, attendant call lgt for row ____ inop. Chime fails to sound.
23 34 53 --	In (02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Mid L, 07=Mid C, 08=Mid R, 16=Aft L, 17=Aft C, 18=Aft R) column, attendant call lgt for row ____ and aft inop. Chime fails to sound.
23 34 54 --	(02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Mid L, 07=Mid C, 08=Mid R, 16=Aft L, 17=Aft C, 18=Aft R) column attendant call lgts inop. Chime fails to sound.
23 34 55 --	(01=Fwd, 05=Mid, 15=Aft) section attendant call lgts inop. Chime fails to sound.
23 34 XD --	Report attendant call from seats symptoms or patterns along with fault code.

ATTENDANT CALL FROM SEATS – LOG BOOK REPORTS

EFFECTIVITY
MTH AIRPLANES

BOEING 767

FAULT REPORTING MANUAL



ATTENDANT CALL FROM LAVATORY - FAULT CODES

EFFECTIVITY
SAS AIRPLANES

COMMUNICATIONS

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BOEING 767
FAULT REPORTING MANUAL

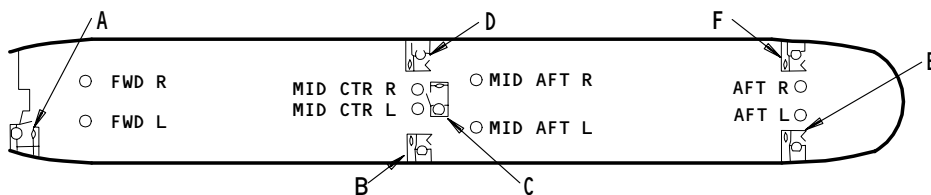
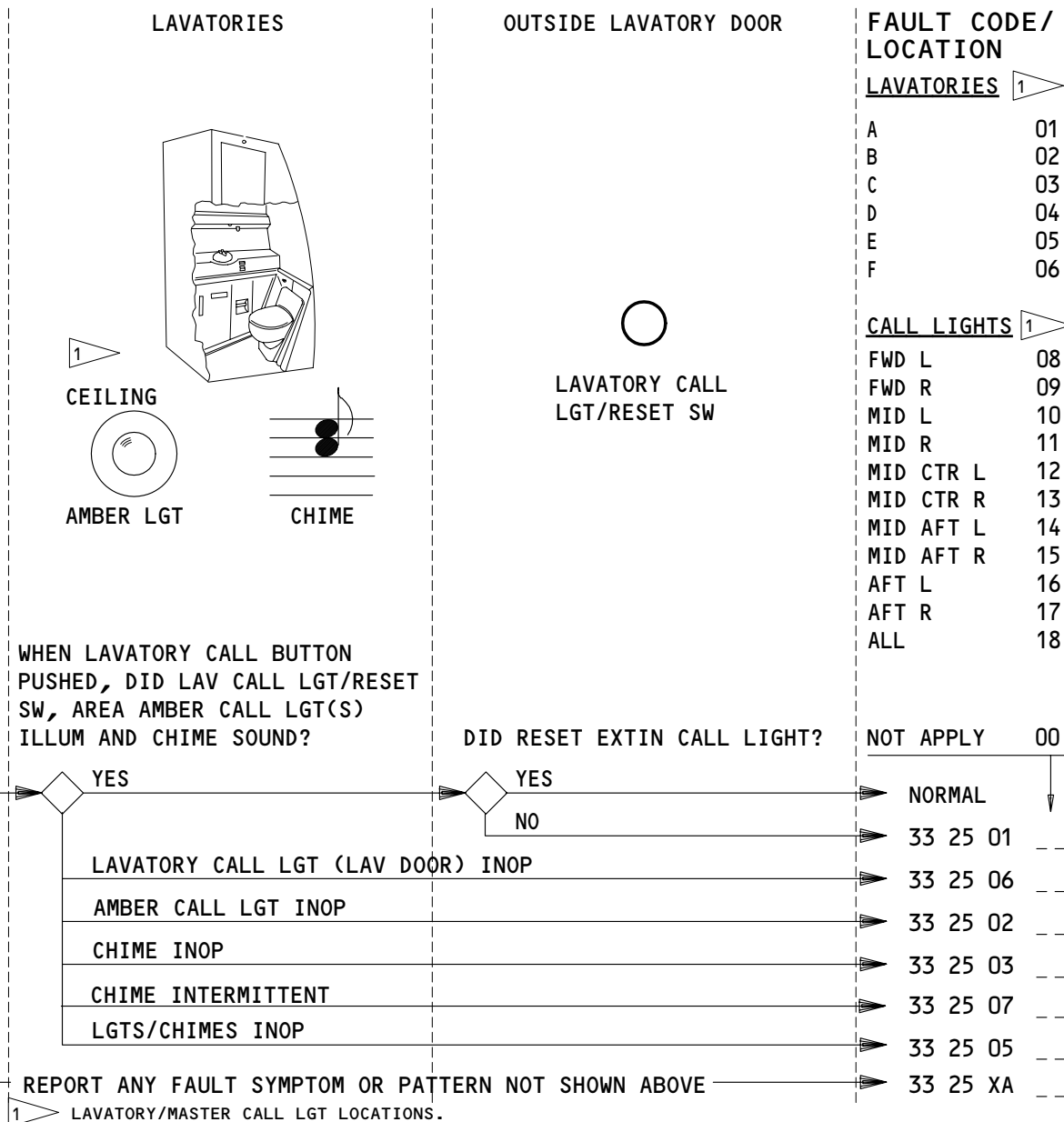
FAULT CODE	LOG BOOK REPORT
33 25 08 --	(01=F-1, 02=MC-F, 03=MS-LF, 04=MS-RF, 05=MC-A, 06=MS-LA, 07=MS-RA) lav call lgt reset sw will not reset call lght(s).
33 25 09 --	(01=F-1, 02=MC-F, 03=MS-LF, 04=MS-RF, 05=MC-A, 06=MS-LA, 07=MS-RA) lav call lgt reset sw lgt by lav door inop.
33 25 10 --	(08=Fwd L, 09=Fwd R, 10=Mid Fwd L, 11=Mid Fwd R, 12=Mid L, 13=Mid R, 14=Mid Ctr L, 15=Mid Ctr R, 16=Mid Aft L, 17=Mid Aft R, 18=Aft L, 19=Aft R) amber lav call lgt inop.
33 25 11 --	(08=Fwd L, 09=Fwd R, 12=Mid L, 13=Mid R, 18=Aft L, 19=Aft R, 20=Purser) lav call chime inop when calling from ___ lav. Lav call lgts are normal.
33 25 13 --	(08=Fwd L, 09=Fwd R, 12=Mid L, 13=Mid R, 18=Aft L, 19=Aft R, 20=Purser) chime sounds intermittently.
33 25 12 --	(01=F-1, 02=MC-F, 03=MS-LF, 04=MS-RF, 05=MC-A, 06=MS-LA, 07=MS-RA) lav call sw(s) will not illum call lgts or sound chime.
33 25 XB --	Report attendant call from lavatory symptoms or patterns along with fault code.

ATTENDANT CALL FROM LAVATORY – LOG BOOK REPORTS

EFFECTIVITY SAS AIRPLANES

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11C22 PASS ADRS 11P34 LAV CALL/SMOKE DET SYS

ATTENDANT CALL FROM LAVATORY – FAULT CODES

EFFECTIVITY
MTH AIRPLANES

BOEING 767
 FAULT REPORTING MANUAL

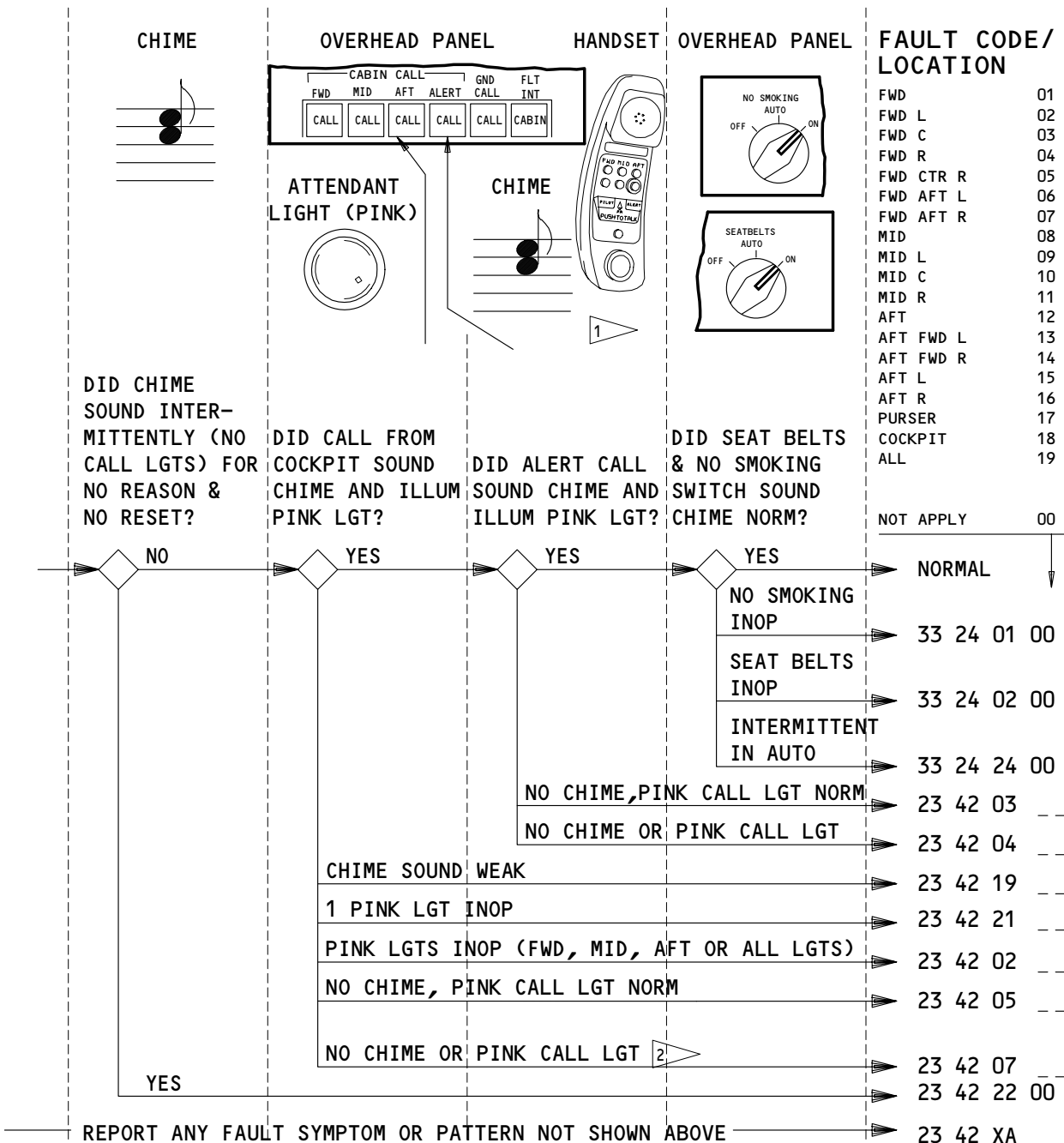
FAULT CODE	LOG BOOK REPORT
33 25 01 --	(01=A, 02=B, 03=C, 04=D, 05=E, 06=F) lav call lgt reset sw will not reset call lght(s).
33 25 06 --	(01=A, 02=B, 03=C, 04=D, 05=E, 06=F) lav call lgt reset sw lgt by lav door inop.
33 25 02 --	(08=Fwd L, 09=Fwd R, 12=Mid Ctr L, 13=Mid Ctr R, 14=Mid Aft L, 15=Mid Aft R, 16=Aft L, 17=Aft R, 18=ALL) amber lav call lgt inop.
33 25 03 --	(08=Fwd L, 10=Mid L, 11=Mid R, 16=Aft L, 17=Aft R, 18=All) lav call chime inop when calling from ___ lav. Lav call lgts are normal.
33 25 07 --	(08=Fwd L, 10=Mid L, 11=Mid R, 16=Aft L, 17=Aft R) chime sounds intermittently.
33 25 05 --	(01=A, 02=B, 03=C, 04=D, 05=E, 06=F, 18=All) lav call sw(s) will not illum call lgts or sound chime.
33 25 XA --	Report attendant call from lavatory symptoms or patterns along with fault code.

ATTENDANT CALL FROM LAVATORY – LOG BOOK REPORTS

EFFECTIVITY
 MTH AIRPLANES

BOEING 767

FAULT REPORTING MANUAL



1 IF HANDSET IS FAULTY, SEE "COCKPIT MIC, HEADSET, HANDSET SPEAKER" OR "CABIN HANDSET & SPEAKERS" FAULT CODES.

2 SYSTEM MAY RESET BY CYCLING CABIN SERVICE CB.

APPLICABLE CIRCUIT BREAKERS

11C22 PASS ADRS 11C23 CABIN SERVICE

CABIN CHIME, CALL FROM PILOT, ALERT CALL & PASS SIGNS – FAULT CODES

EFFECTIVITY
ALL

COMMUNICATIONS

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 24 01 00	No smoking switch fails to sound chime.
33 24 02 00	Fasten seat belt switch fails to sound chime.
33 24 24 00	Cabin chime sounds intermittently with (fasten seat belt/no smoking) sw in AUTO.
23 42 03 --	Alert call from (02=Fwd L, 04=Fwd R, 08=Mid, 09=Mid L, 15=Aft L, 16=Aft R, 17=Purser, 18=Cockpit, 19=all) station(s) fails to sound chime. Attendant's pink call lgts illum.
23 42 04 --	Alert call from (02=Fwd L, 04=Fwd R, 08=Mid, 09=Mid L, 15=Aft L, 16=Aft R, 17=Purser, 18=Cockpit, 19=all) station(s) fails to sound chime and illum Attendant's pink call lgts.
23 42 19 --	(01=Fwd, 02=Fwd L, 03=Fwd C, 08=Mid, 09=Mid L, 11=Mid R, 12=Aft, 15=Aft L, 16=Aft R, 17=Purser, 19=all) cabin chime(s) sound is weak.
23 42 21 --	(02=Fwd L, 03=Fwd C, 04=Fwd R, 05=Fwd Ctr R, 06=Fwd Aft L, 07=Fwd Aft R, 09=Mid L, 10=Mid C, 11=Mid R, 13=Aft Fwd L, 14=Aft Fwd R, 15=Aft L, 16=Aft R, 17=Purser) attendant's pink call lgt inop.
23 42 02 --	(01=Fwd, 08=Mid, 12=Aft, 19=ALL) attendant's pink call lights inop. Chime does sound.
23 42 05 --	(01=Fwd, 08=Mid, 12=Aft) attendant call from cockpit overhead cabin call button fails to sound chime. Attendant's pink call lgts are normal.
23 42 07 --	(01=Fwd, 08=Mid, 12=Aft) attendant call from cockpit overhead cabin call button fails to sound chime and illum attendant's pink call lights.
23 42 22 00	Cabin chime sounds intermittently for no reason. Call lgts did not illum and chime would not reset.
23 42 XA --	Report cabin chime, call from pilot, alert call & pass signs symptoms or patterns along with fault code.

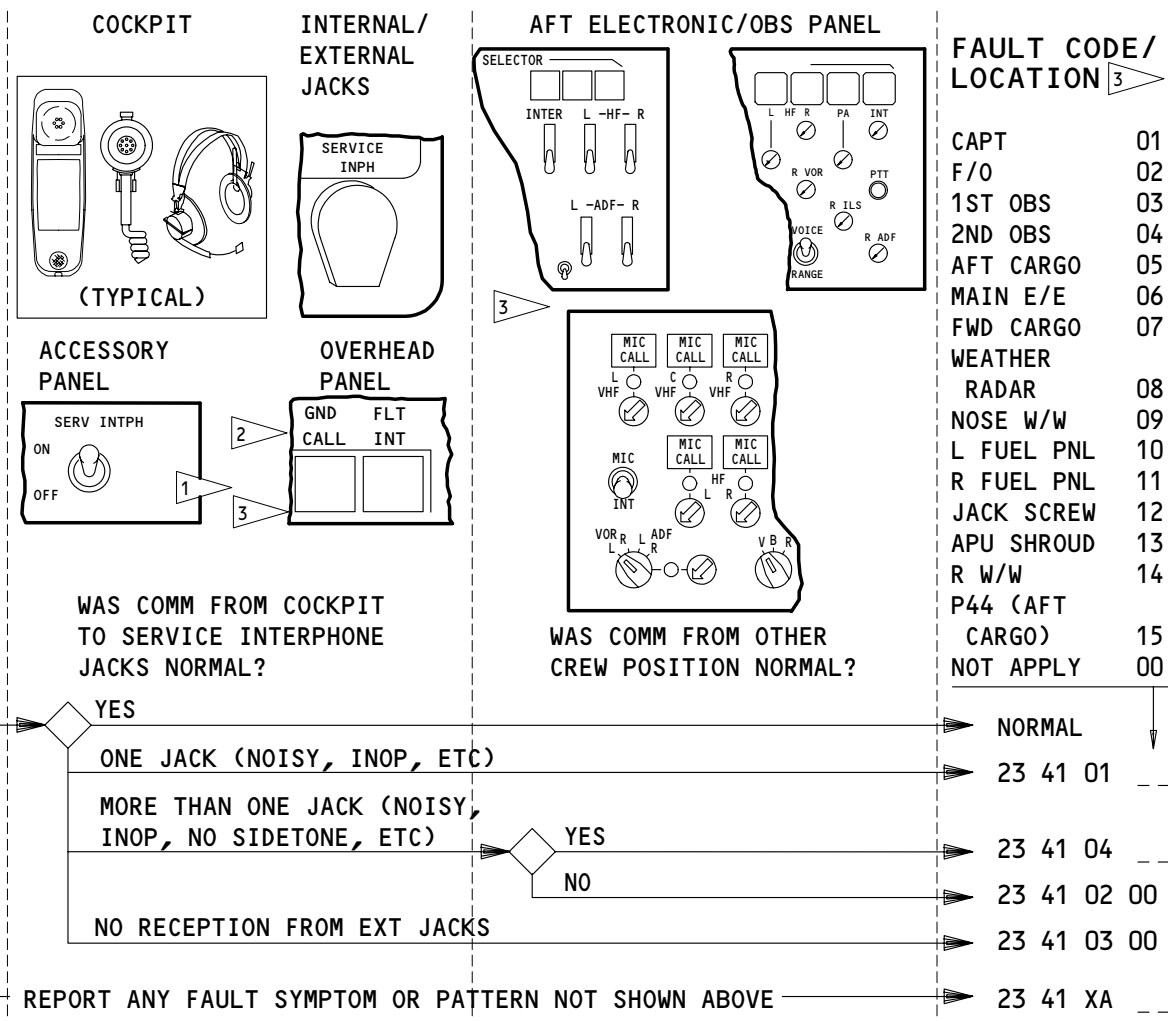
**CABIN CHIME, CALL FROM PILOT, ALERT CALL
 & PASS SIGNS – LOG BOOK REPORTS**

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



FAULT CODE/ LOCATION	
CAPT	01
F/O	02
1ST OBS	03
2ND OBS	04
AFT CARGO	05
MAIN E/E	06
FWD CARGO	07
WEATHER	
RADAR	08
NOSE W/W	09
L FUEL PNL	10
R FUEL PNL	11
JACK SCREW	12
APU SHROUD	13
R W/W	14
P44 (AFT CARGO)	15
NOT APPLY	00

- 1 THE SERVICE INPH SW MUST BE ON FOR RECEPTION FROM THE EXTERNAL JACKS.
- 2 FLT INT SWITCH MUST BE ON TO CONNECT FLT INPH TO CABIN AND SERVICE INPH SYSTEMS.
- 3 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C23	(INTERPHONE) CABIN SERVICE	11G30	(INTERPHONE) F/O (SEC)(OBS)(DUAL PWR)
11C25	CAPT SEC-OBS FLT AMPL		
11C25	(INTERPHONE) CAPT(/OBS, OBS)(SUP NUM)(FLT AMPL)(DUAL PWR)		
11C26	(INTERPHONE) F/O (SEC)(OBS)(DUAL PWR)		
11G29	CAPT SEC-OBS FLT AMPL		
11G29	(INTERPHONE) CAPT(/OBS, OBS)(SUP NUM)(FLT AMPL)(DUAL PWR)		

SERVICE INTERPHONE - FAULT CODES

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 23 41 01 -- (05=Aft cargo, 06=Main E/E headset, 07=Main E/E phone, 08=Main E/E mic, 09=Fwd cargo, 10=Weather radar, 11=Nose W/W, 12=Fueling, 13=Jackscrew, 14=APU shroud, 15=R W/W) service jack (describe problem: noisy, inop, etc).
- 23 41 04 -- Comm on service inph (describe problem: noisy, inop, no sidetone, etc) from (01=Capt, 02=F/O, 03=1st Obs) audio selector panel. Norm from other crew pos.
- 23 41 02 00 Comm from service inph jacks (describe problem: noisy, inop, no sidetone, etc) using any audio selector panel.
- 23 41 03 00 Unable to receive transmission from service inph external jacks. SERV INTPH switch is ON.
- 23 41 XA -- Report service interphone symptoms or patterns along with fault code.

SERVICE INTERPHONE - LOG BOOK REPORTS

EFFECTIVITY

ALL

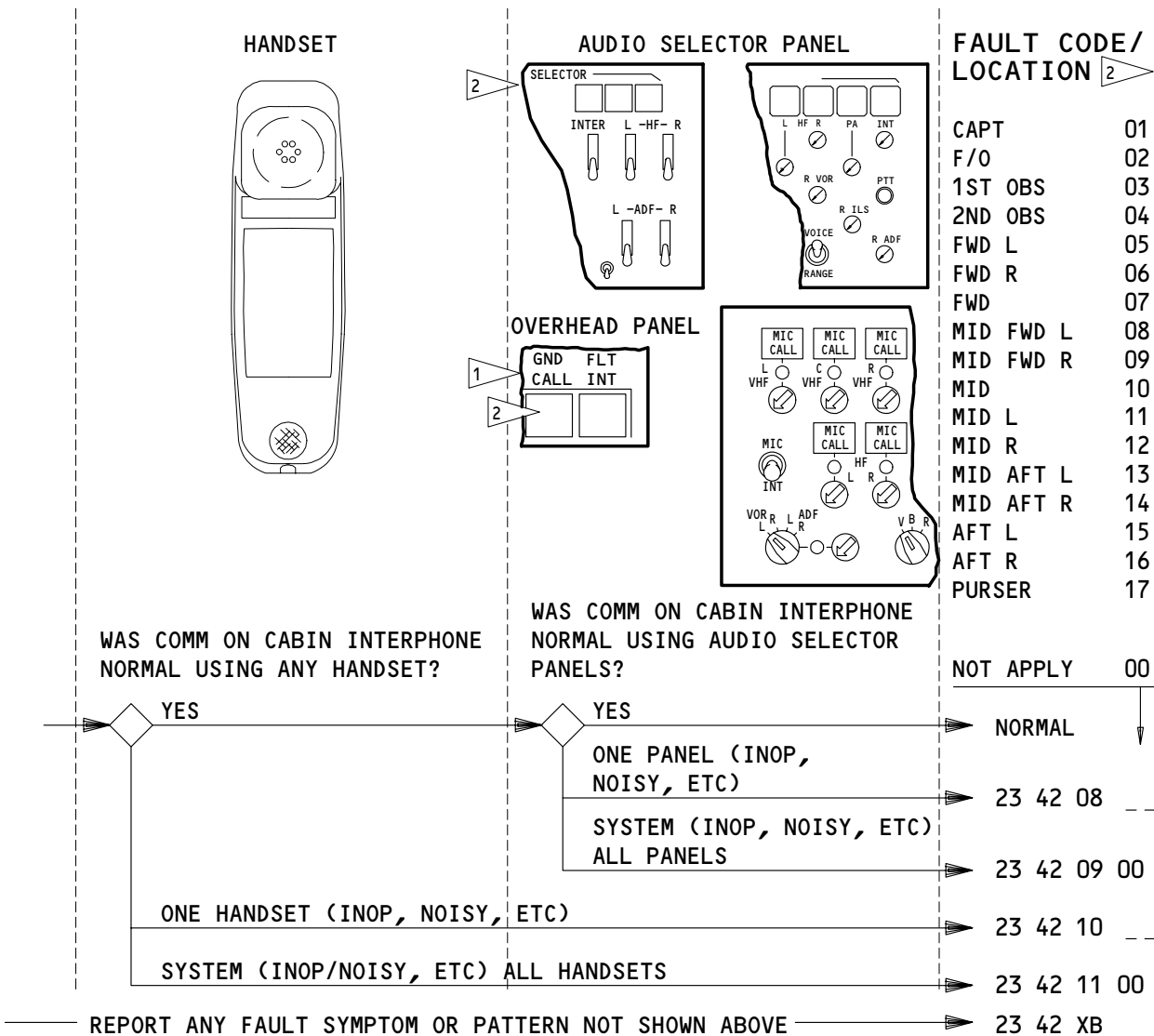
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COMMUNICATIONS

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BOEING 767

FAULT REPORTING MANUAL



- 1 FLT INT SWITCH MUST BE ON TO CONNECT FLT INPH TO CABIN AND SERVICE INPH SYSTEMS.
- 2 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C23	(INTERPHONE) CABIN SERVICE
11C25	(INTERPHONE) CAPT(/OBS, OBS)(SEC-OBS)(FLT AMPL)(DUAL PWR)
11C26	(INTERPHONE) F/O (SEC)(OBS)(DUAL PWR)
11G29	(INTERPHONE) CAPT(/OBS, OBS)(SEC-OBS)(FLT AMPL)(DUAL PWR)
11G30	(INTERPHONE) F/O (SEC)(OBS)(DUAL PWR)

CABIN INTERPHONE - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 23 42 08 -- Cabin inph (describe problem: noisy, inop, etc) when using (01=Capt, 02=F/O, 03=1st Obs, 04=2nd Obs) audio selector panel. Cabin inph normal using handsets.
- 23 42 09 00 Cabin inph (describe problem: noisy, inop, etc) when using audio selector panels. Cabin inph normal when using handsets.
- 23 42 10 -- Cabin inph (describe problem: noisy, inop, etc) when using (01=Capt, 05=Fwd L, 06=Fwd R, 07=Fwd C, 08=Mid Fwd L, 09=Mid Fwd R, 10=Mid, 11=Mid L, 12=Mid R, 13=Mid Aft L, 14=Mid Aft R, 15=Aft L, 16=Aft R, 17=Purser) handset.
- 23 42 11 00 Cabin inph (describe problem: noisy, inop, etc) when using any handset.
- 23 42 XB -- Report cabin interphone symptoms or patterns along with fault code.

CABIN INTERPHONE - LOG BOOK REPORTS

EFFECTIVITY

ALL

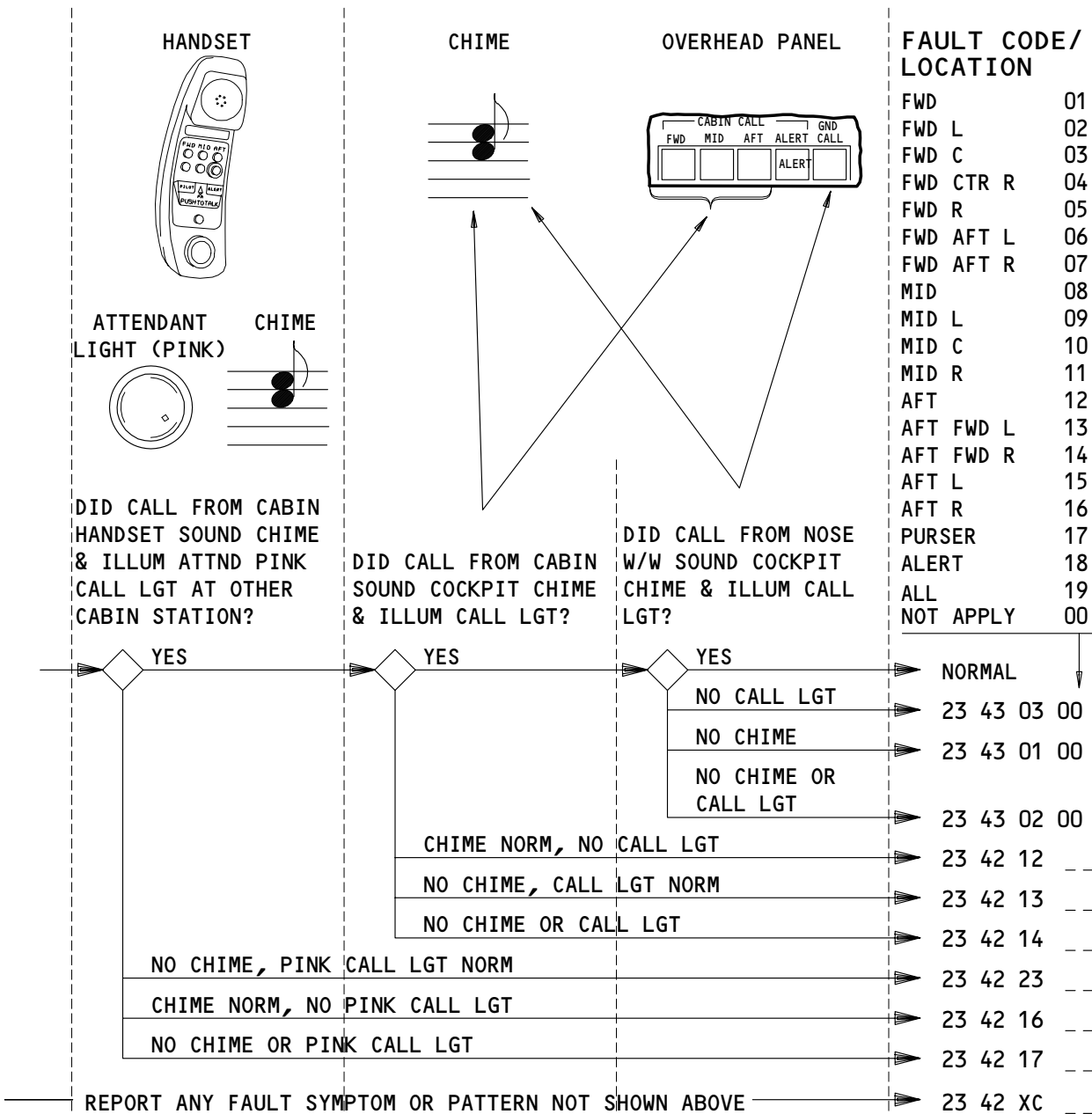
20

COMMUNICATIONS

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11B16	AURAL WARN SPKR L	11H32	GND CALL
11B18	WARN ELEX B	11H35	AURAL WARN SPKR R
11C23	CABIN SERVICE	11J34	WARN ELEX A

CABIN AND COCKPIT CHIME/CALL LIGHTS FROM ATTENDANT & NOSE WHEEL WELL - FAULT CODES

EFFECTIVITY
ALL

COMMUNICATIONS

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 23 43 03 00 Call from nose W/W fails to illum GND CALL lgt. Cockpit chime normal.
- 23 43 01 00 Call from nose W/W fails to sound cockpit chime. GND CALL lgt ON.
- 23 43 02 00 Call from nose W/W fails to illum GND CALL lgt and sound cockpit chime.
- 23 42 12 -- Call from corresponding attendants station(s) fail(s) to illum (01=fwd, 08=mid, 12=aft, 18=alert, 19=all) CABIN CALL lgt. Cockpit chime normal.
- 23 42 13 -- Call from (02=fwd L, 05=fwd R, 08=Mid, 09=mid L, 15=aft L, 16=aft R, 17=Purser, 19=all) attendant(s) station(s) fail(s) to sound cockpit chime. Corresponding CABIN CALL lgt(s) are normal.
- 23 42 14 -- Call from (02=fwd L, 05=fwd R, 08=Mid, 09=mid L, 15=aft L, 16=aft R, 17=purser, 19=all) attendants station(s) fail(s) to sound cockpit chime or illum corresponding CABIN CALL lgt(s).
- 23 42 23 -- (02=Fwd L, 03=Fwd C, 09=Mid L, 11=Mid R, 15=Aft L, 16=Aft R, 17=Purser, 19=All) cabin chime(s) inop when calling from handsets. Call lgts do illum.
- 23 42 16 -- (02=Fwd L, 03=Fwd C, 04=Fwd Ctr R, 05=Fwd R, 06=Fwd aft L, 07=Fwd aft R, 09=Mid L, 10=Mid C, 11=Mid R, 13=Aft fwd L, 14=Aft fwd R, 15=Aft L, 16=Aft R, 17=Purse, 19=all) attendants pink call lgt(s) inop when calling from handsets. Chime does sound.
- 23 42 17 -- (02=Fwd L, 03=Fwd C, 09=Mid L, 11=Mid R, 15=Aft L, 16=Aft R, 17=Purser, 19=All) cabin chime(s) and call lgts inop when calling from handsets.
- 23 42 XC -- Report cabin and cockpit chime/call lights from attendant & nose wheel well symptoms or patterns along with fault code.

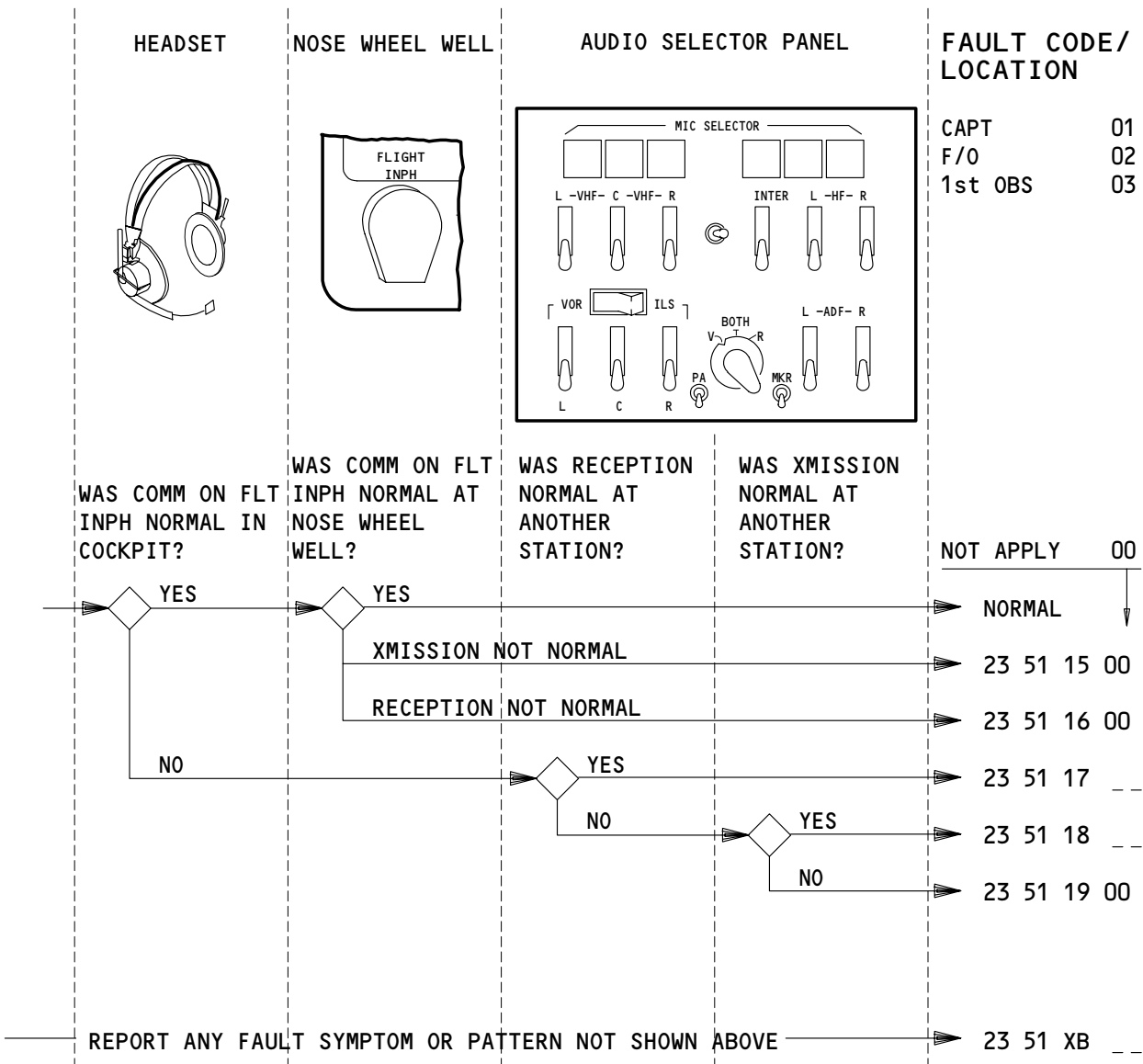
**CABIN AND COCKPIT CHIME/CALL LIGHTS FROM ATTENDANT
 & NOSE WHEEL WELL - LOG BOOK REPORTS**

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11C25	CAPT/OBS FLT AMPL
11C26	F/O
11G29	CAPT/OBS FLT AMPL
11G30	F/O

FLIGHT INTERPHONE – FAULT CODES

EFFECTIVITY

ALL

COMMUNICATIONS

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 51 15 00	Xmission from nose W/W on flt inph (describe problem: noisy, inop, etc).
23 51 16 00	Reception at nose W/W on flt inph (describe problem: noisy, inop, etc).
23 51 17 __	Flt inph reception at (01=Capt, 02=F/O, 03=1st Obs) audio selector panel (describe problem: noisy, inop, etc). Other stations normal.
23 51 18 __	Flt inph xmission at (01=Capt, 02=F/O, 03=1st Obs) audio selector panel (describe problem: noisy, inop, etc). Other stations normal.
23 51 19 00	Flt inph abnormal at all crew stations.
23 51 XB __	Report flight interphone symptoms or patterns along with fault code.

FLIGHT INTERPHONE – LOG BOOK REPORTS

EFFECTIVITY

ALL

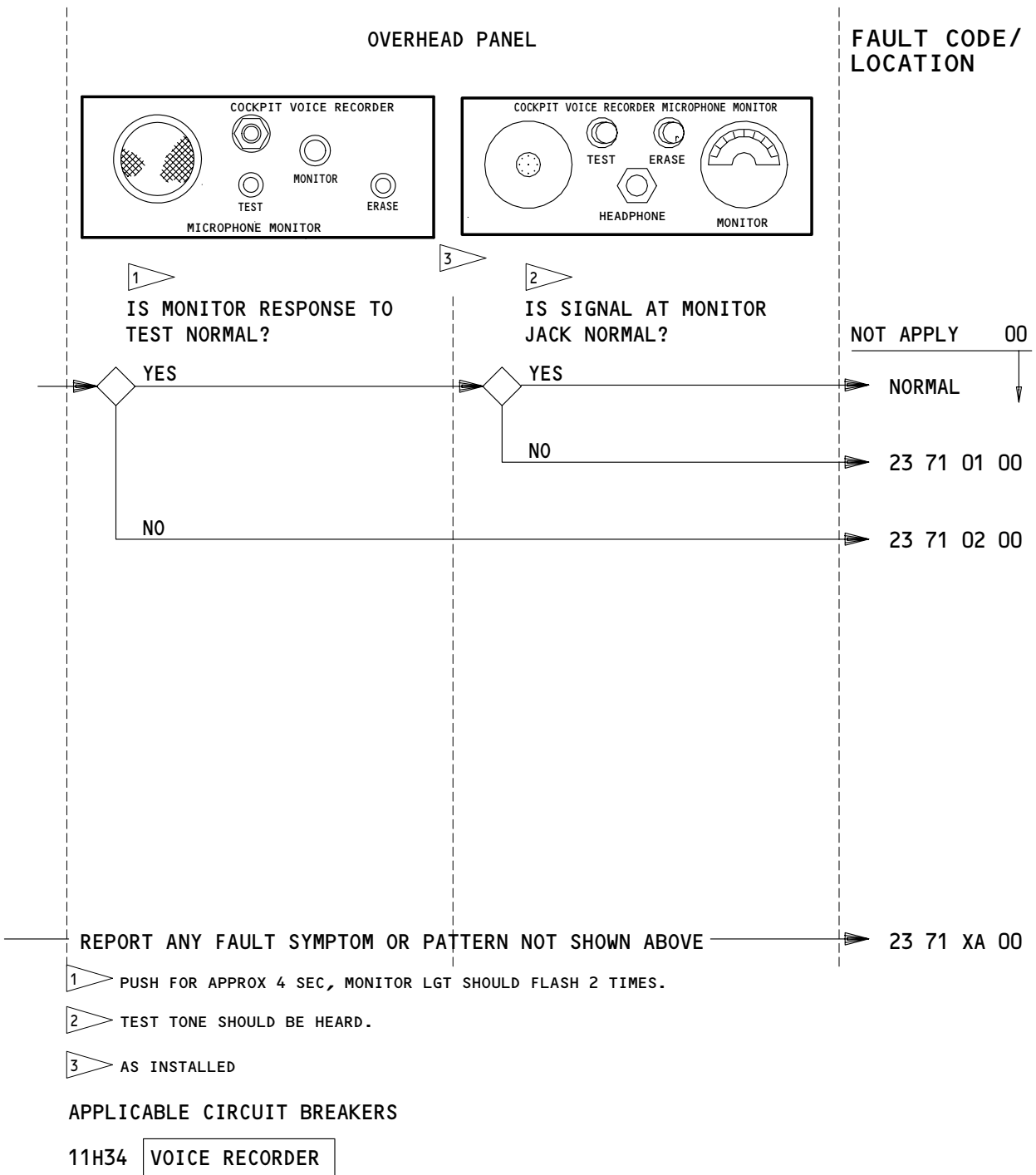
03

COMMUNICATIONS

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BOEING 767

FAULT REPORTING MANUAL



VOICE RECORDER – FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 71 01 00	Voice recorder signal is (describe problem: noisy, missing, etc) at monitor jack.
23 71 02 00	Voice recorder monitor response to test is (describe problem: low, high, etc).
23 71 XA 00	Report voice recorder symptoms or patterns along with fault code.

VOICE RECORDER - LOG BOOK REPORTS

EFFECTIVITY

ALL

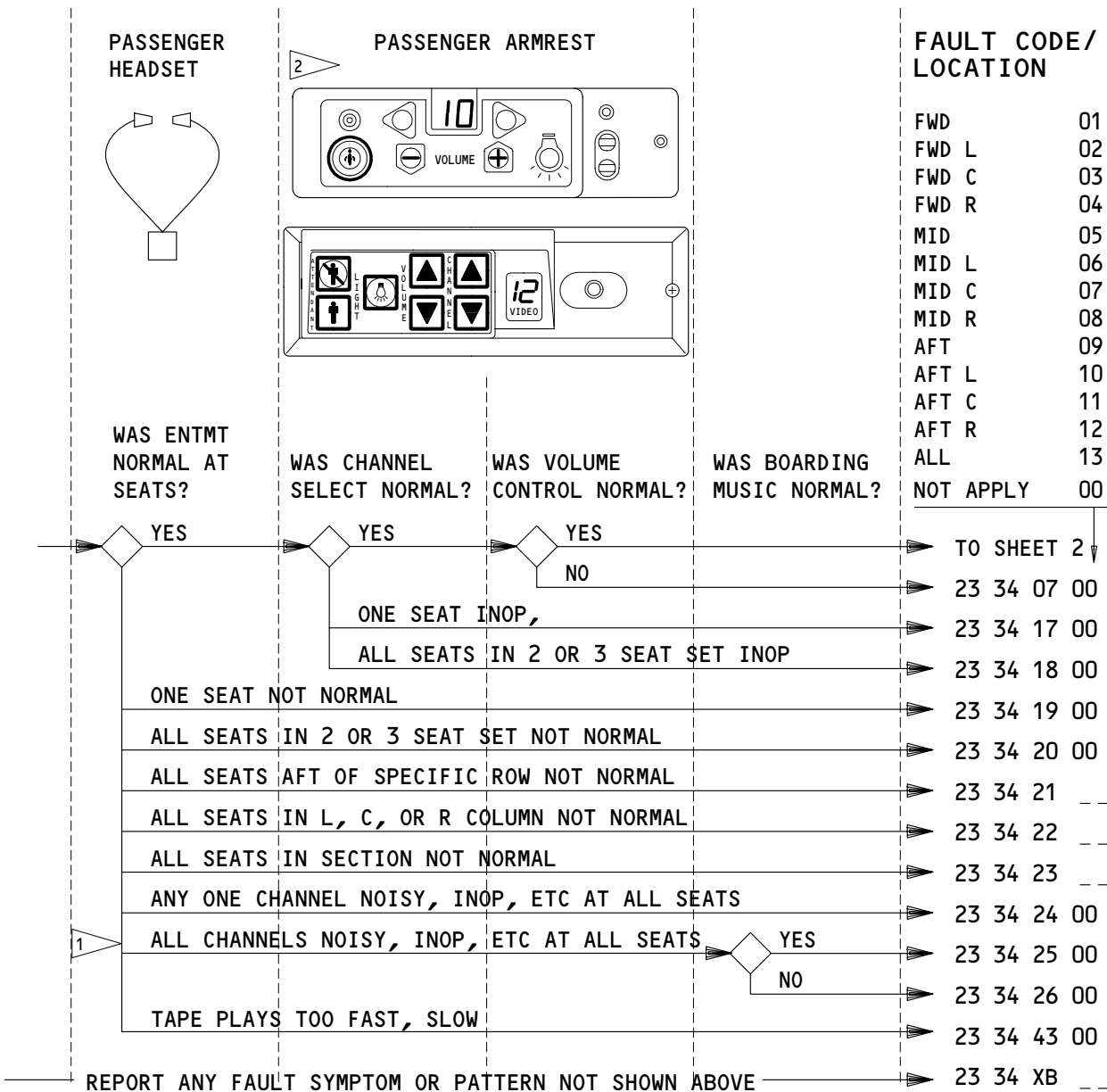
03

COMMUNICATIONS

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BOEING 767

FAULT REPORTING MANUAL



1 IF INOP CHECK PES & PSS SWS AT FWD ATTND PNL ARE ON.

2 IF INSTALLED

APPLICABLE CIRCUIT BREAKERS

- 11C22 PASS ADRS
- 11T8 PASS ENTMT/SERVICE CONT

PASSENGER ENTERTAINMENT (SHEET 1) - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 34 07 00	Pass entmt volume control (describe problem: unable to adjust volume, too sensitive, etc) at seat ____.
23 34 17 00	Pass entmt channel select (describe problem: unable to change channels, etc) at seat ____.
23 34 18 00	Pass entmt channel sel (describe problem: unable to change channels, etc) at row ____.
23 34 19 00	Pass entmt (describe problem: noisy, inop, etc) at seat ____.
23 34 20 00	Pass entmt (describe problem: noisy, inop, etc) at row ____.
23 34 21 __	Pass entmt (describe problem: noisy, inop, etc) aft of row ____ in (02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Mid L, 07=Mid C, 08=Mid R, 10=Aft L, 11=Aft C, 12=Aft R, 13=All) sections.
23 34 22 __	(02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Mid L, 07=Mid C, 08=Mid R, 10=Aft L, 11=Aft C, 12=Aft R, 13=All) column pass entmt sections, (describe problem: noisy, inop, etc).
23 34 23 __	(01=Fwd, 05=Mid, 09=Aft) section pass entmt (describe problem: noisy, inop, etc).
23 34 24 00	Pass entmt channel ____ (describe problem: noisy, inop, etc).
23 34 25 00	All pass entmt channels (describe problem: noisy, inop, etc) at all seats. Boarding music normal on PA.
23 34 26 00	All pass entmt channels (describe problem: noisy, inop, etc) at all seats. Boarding music on PA also, (Describe problem).
23 34 43 00	Entertainment tape plays too (fast, slow).
23 34 XB __	Report passenger entertainment symptoms or patterns along with fault code.

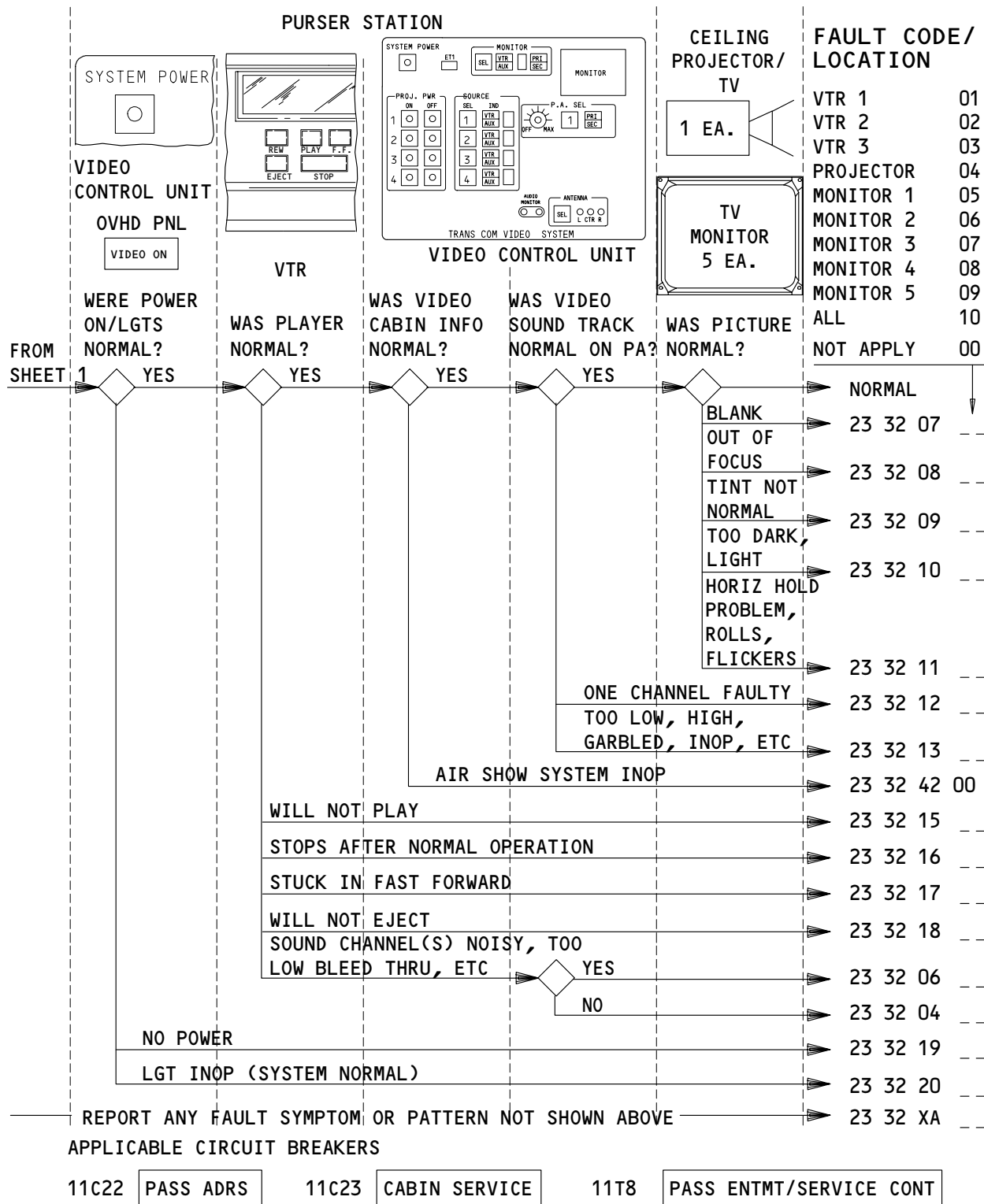
PASSENGER ENTERTAINMENT (SHEET 1) – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



PASSENGER ENTERTAINMENT (SHEET 2) - FAULT CODES

EFFECTIVITY
SAS AIRPLANES

COMMUNICATIONS

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BOEING 767
 FAULT REPORTING MANUAL

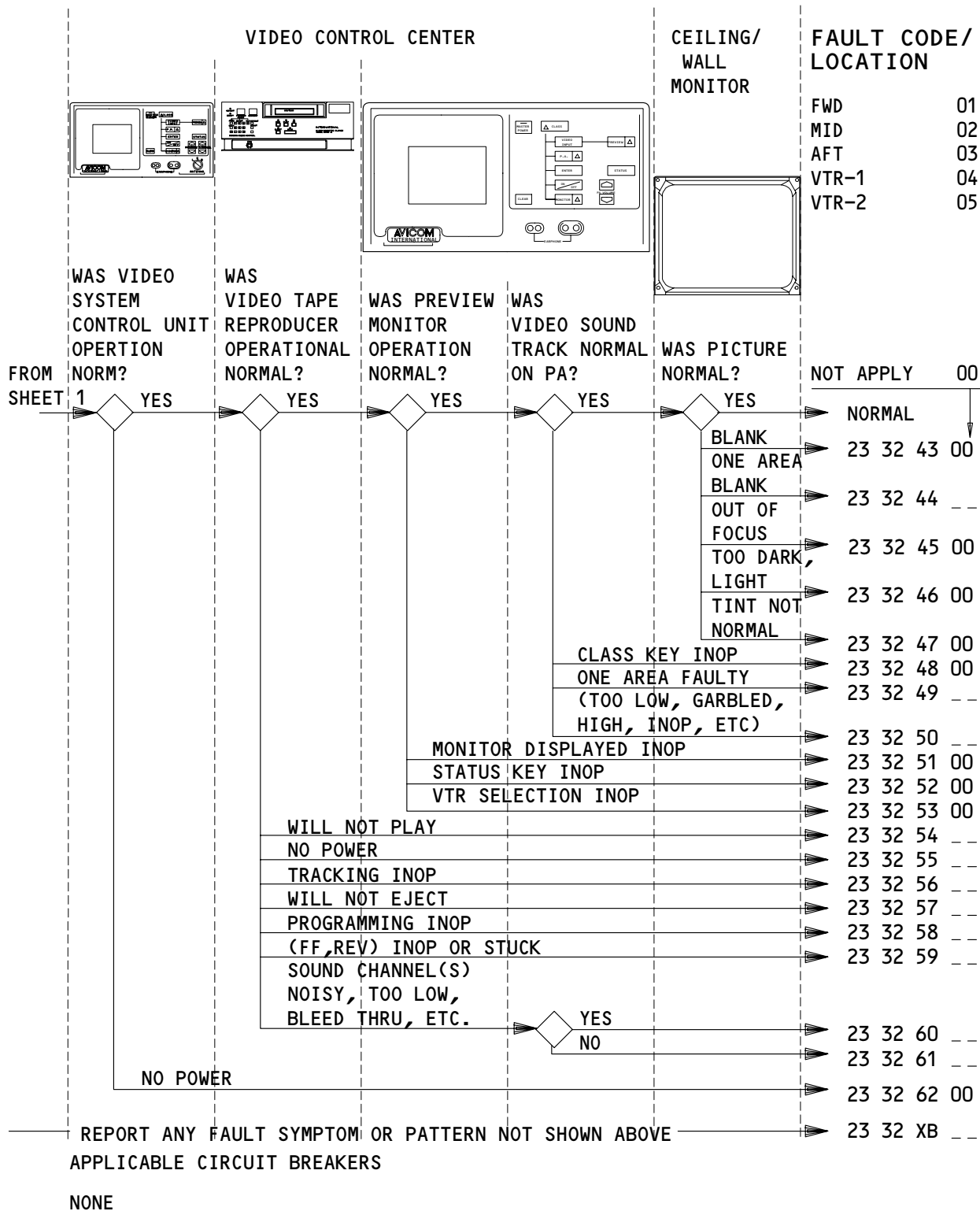
FAULT CODE	LOG BOOK REPORT
23 32 07 --	(04=Proj, 05=Monitor 1, 06=Monitor 2, 07=Monitor 3, 08=Monitor 4, 09=Monitor 5) zone video picture is blank. Sound is normal.
23 32 08 --	(04=Proj, 05=Monitor 1, 06=Monitor 2, 07=Monitor 3, 08=Monitor 4, 09=Monitor 5) zone video picture is out of focus.
23 32 09 --	(04=Proj, 05=Monitor 1, 06=Monitor 2, 07=Monitor 3, 08=Monitor 4, 09=Monitor 5) zone video picture tint not normal. (Described)
23 32 10 --	(04=Proj, 05=Monitor 1, 06=Monitor 2, 07=Monitor 3, 08=Monitor 4, 09=Monitor 5) zone video picture is too (dark, light).
23 32 11 --	(04=Proj, 05=Monitor 1, 06=Monitor 2, 07=Monitor 3, 08=Monitor 4, 09=Monitor 5) zone video picture (has horiz hold problem, rolls, flickers).
23 32 12 --	(01=VTR 1, 02=VTR 2, 03=VTR 3) Video sound channel (inop, garbled, etc) on PA.
23 32 13 --	(01=VTR 1, 02=VTR 2, 03=VTR, 10=All) Video sound channel(s) (too low, high, garbled, inop, etc) on PA.
23 32 42 00	Passenger Flight Information Display System is inop.
23 32 15 --	(01=VTR 1, 02=VTR 2, 03=VTR 3) tape reproducer player will not play tape.
23 32 16 --	(01=VTR 1, 02=VTR 2, 03=VTR 3) tape reproducer player tape stops during movie.
23 32 17 --	(01=VTR 1, 02=VTR 2, 03=VTR 3) tape reproducer player stuck in fast forward.
23 32 18 --	(01=VTR 1, 02=VTR2, 03=VTR 3) tape reproducer player will not eject tape.
23 32 06 --	(01=VTR 1, 02=VTR 2, 03=VTR 3, 10=All) Video sound tracks are (describe problem: noisy, too low, bleed thru, etc) all seats. They are normal on PA.
23 32 04 --	(01=VTR 1, 02=VTR 2, 03=VTR 3, 10=All) Video sound tracks are (describe problem: noisy, too low, bleed thru, etc) all seats and on PA. Proj normal.
23 32 19 --	Unable to get power on (01=VTR 1, 02=VTR 2, 03=VTR 3). VIDEO ON lgt did not illum.
23 32 20 --	Lgt bulb inop on (01-VTR 1, 02-VTR 2, 03=VTR 3) control.
23 32 XA --	Report passenger entertainment symptoms or patterns along with fault code.

PASSENGER ENTERTAINMENT (SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY
SAS AIRPLANES

BOEING 767

FAULT REPORTING MANUAL



PASSENGER ENTERTAINMENT (SHEET 3) - FAULT CODES

EFFECTIVITY
AS INSTALLED

COMMUNICATIONS

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 FAULT REPORTING MANUAL

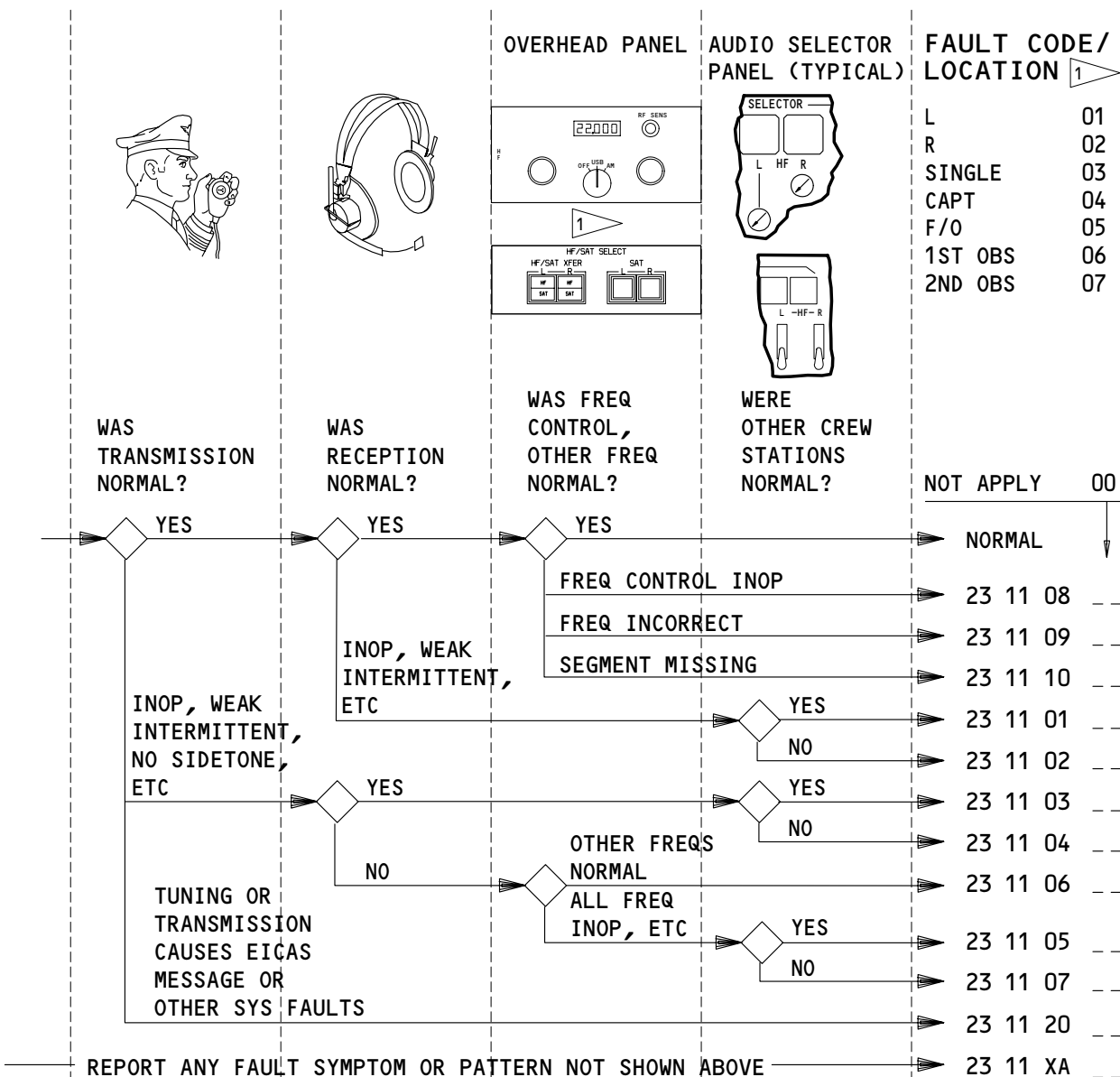
FAULT CODE	LOG BOOK REPORT
23 32 43 00	(Identify location). Video picture is blank.
23 32 44 __	(01=Fwd, 02=Mid, 03=Aft, 06=All) Area video pictures are blank.
23 32 45 00	(Identify location). Video picture is out of focus.
23 32 46 00	(Identify location). Video picture is too (dark light).
23 32 47 00	(Identify location). Video picture tint not normal.
23 32 48 00	Video control unit class key inop.
23 32 49 __	(04=VTR-1, 05=VTR-2) video tape reproducer area (F,C,M) using primary, secondary) audio channel (inop, garbled, etc) on PA.
23 32 50 __	(04=VTR-1, 05=VTR-2) video tape reproducer both audio channels (too low, garbled, high, inop, etc) on PA.
23 32 51 00	Preview monitor inop when viewing VTR's with preview key.
23 32 52 00	Video control unit status key inop.
23 32 53 00	Tape reproducer selection inop.
23 32 54 __	(04=VTR-1, 05=VTR-2) will not play.
23 32 55 __	(04=VTR-1, 05=VTR-2) has no power.
23 32 56 __	(04=VTR-1, 05=VTR-2) tracking inop.
23 32 57 __	(04=VTR-1, 05=VTR-2) will not eject tape.
23 32 58 __	(04=VTR-1, 05=VTR-2) programming inop.
23 32 59 __	(04=VTR-1, 05=VTR-2) (FF, REV) stuck or inop.
23 32 60 __	(04=VTR-1, 05=VTR-2) video sound channels (describe problem: noisy, too low, inop, etc) all seats. Normal on PA.
23 32 61 __	(04=VTR-1, 05=VTR-2) video sound channels (describe problem: noisy, too low, inop, etc) all seats and on PA.
23 32 62 00	Master power sw inop on video system control unit.
23 32 XB __	Report passenger entertainment symptoms or patterns along with fault code.

PASSENGER ENTERTAINMENT (SHEET 3) - LOG BOOK REPORT

EFFECTIVITY AS INSTALLED

BOEING 767

FAULT REPORTING MANUAL



1 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C25 CAPT(/OBS)(FLT AMPL)(DUAL PWR)	11G29 ASP PWR 1
11C25 ALTN ASP PWR 1	11G29 CAPT(/OBS)(FLT AMPL)(DUAL PWR)
11C26 F/O (OBS)(DUAL PWR)	11G30 F/O (OBS)(DUAL PWR)
11C26 ALTN ASP PWR 2	11G30 ASP PWR 2
11G8 (LEFT, L) HF COMM	11G35 (RIGHT, R) HF COMM

HF COMM - FAULT CODES

EFFECTIVITY
ALL

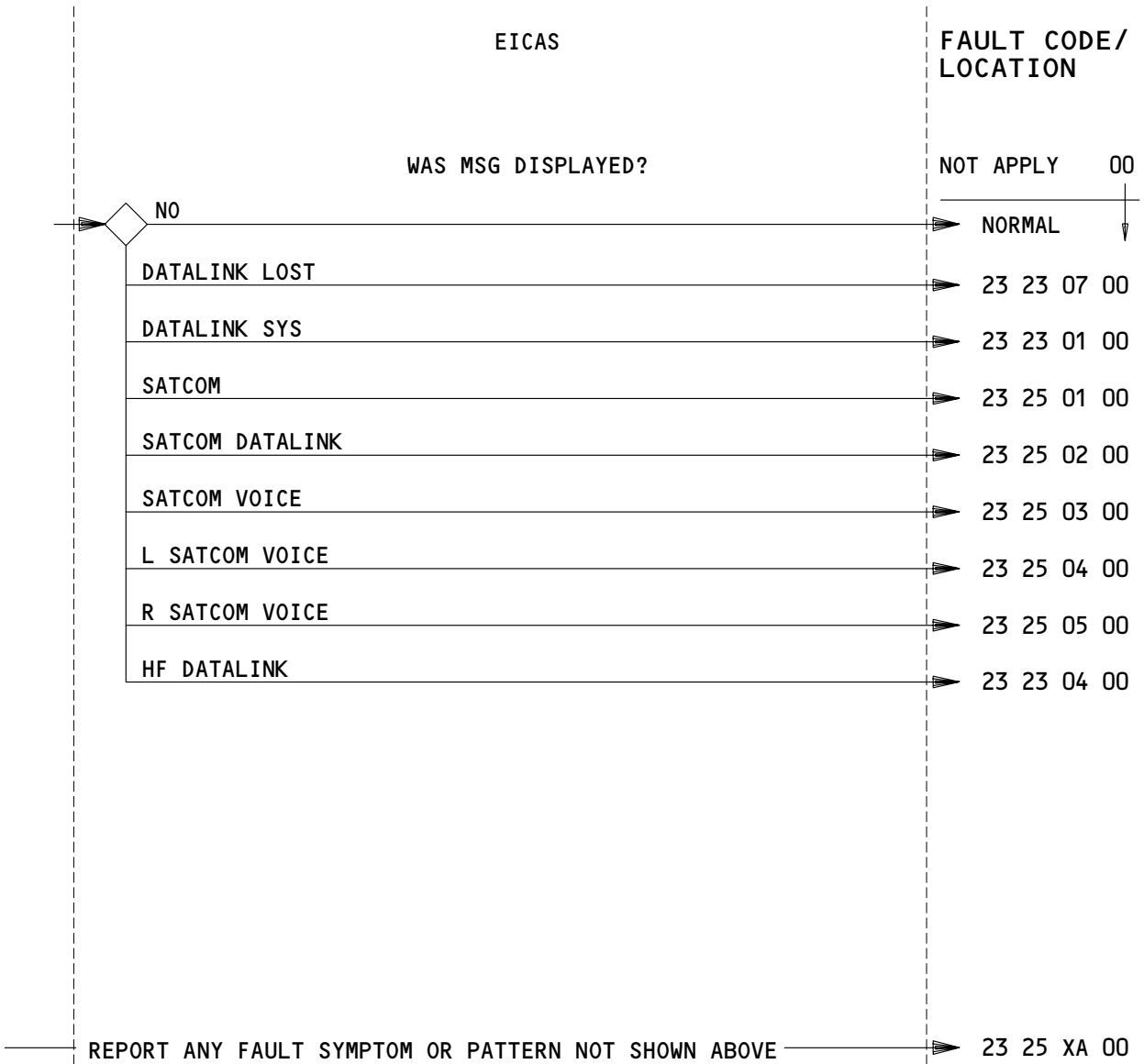
BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 11 08 --	(01=L, 02=R, 03=single) HF freq control inop. (Describe).
23 11 09 --	(01=L, 02=R, 03=single) HF freq incorrect on ____MHz.
23 11 10 --	(01=L, 02=R, 03=single) HF freq indicator has missing segment.
23 11 01 --	Reception on (L, R, single) HF (describe problem: inop, weak, intermittent, etc) at (04=Capt, 05=F/O, 06=1st Obs, 07=2nd Obs) station. Other crew stations normal.
23 11 02 --	Reception on (01=L, 02=R, 03=single) HF (describe problem: inop, weak, intermittent, etc) at all stations.
23 11 03 --	Transmission on (L, R, single) HF (describe problem: inop, weak, intermittent, no sidetone, etc) at (04=Capt, 05=F/O, 06=1st Obs, 07=2nd Obs) station. Other crew stations normal.
23 11 04 --	Transmission on (01=L, 02=R, 03=single) HF (describe problem: inop, weak, intermittent, no sidetone, etc) at all stations.
23 11 06 --	Transmission and reception on (01=L, 02=R, 03=single), HF at _____ MHz (describe problem: inop, etc).
23 11 05 --	Transmission and reception on (L, R, single) HF (describe problem: inop, etc) at (04=Capt, 05=F/O, 06=1st Obs, 07=2nd Obs) station. Other crew stations are normal.
23 11 07 --	Transmission and reception on (01=L, 02=R, 03=single) HF (describe problem: inop, etc).
23 11 20 --	Tuning or Transmission on (01=L, 02=R) HF causes invalid EICAS message or causes faults in autothrottle or other systems (describe problem).
23 11 XA --	Report HF comm symptoms or patterns along with fault code.

HF COMM – LOG BOOK REPORTS

EFFECTIVITY

BOEING 767
FAULT REPORTING MANUAL



EICAS MESSAGE – FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 23 07 00	EICAS msg DATALINK LOST displayed.
23 23 01 00	EICAS msg DATALINK SYS displayed.
23 25 01 00	EICAS msg SATCOM displayed.
23 25 02 00	EICAS msg SATCOM DATALINK displayed.
23 25 03 00	EICAS msg SATCOM VOICE displayed.
23 25 04 00	EICAS msg L SATCOM VOICE displayed.
23 25 05 00	EICAS msg R SATCOM VOICE displayed.
23 23 04 00	EICAS msg HF DATALINK displayed.
23 25 XA 00	Report EICAS message symptoms or patterns along with fault code.

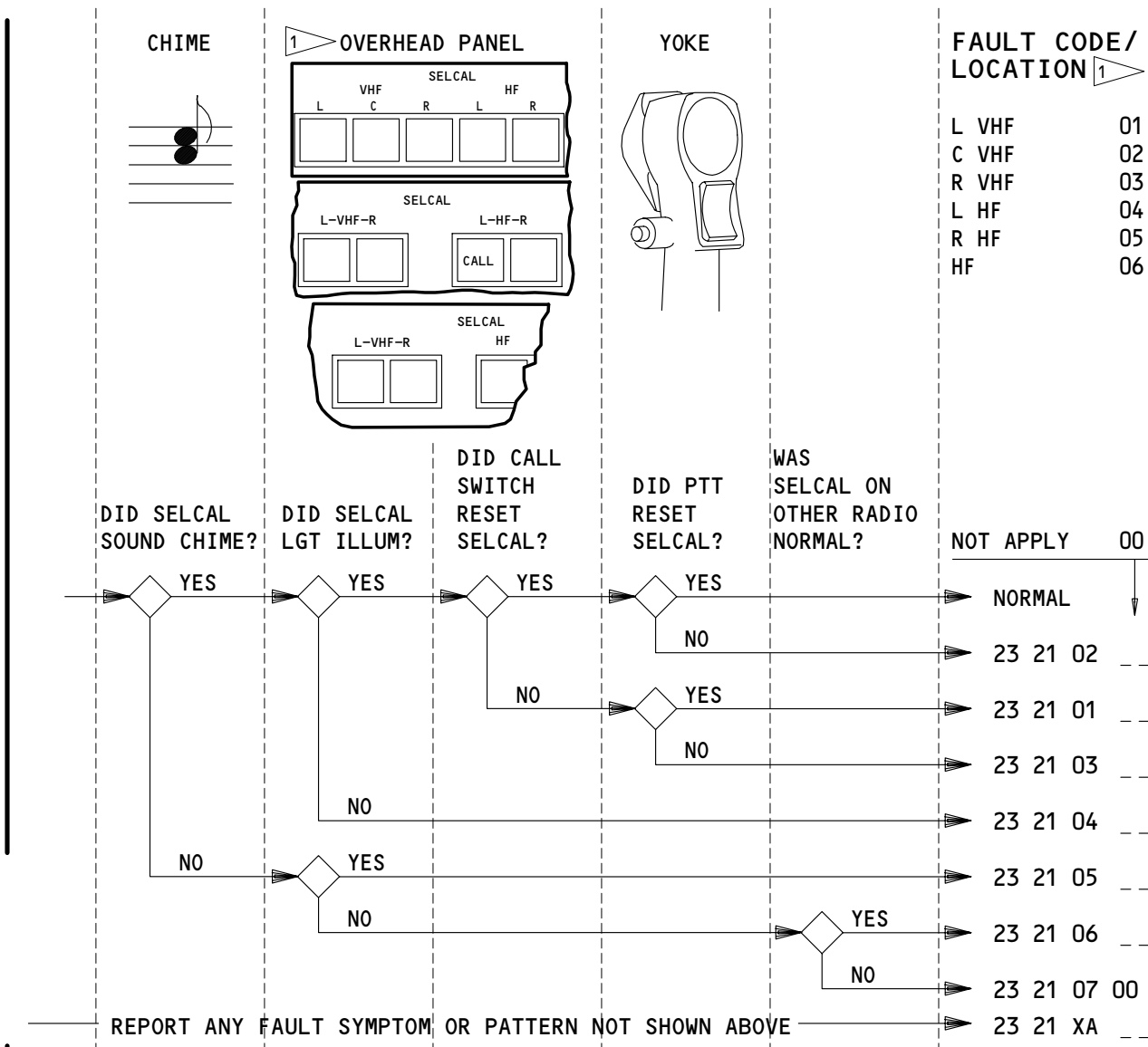
EICAS MESSAGES – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



¹ As installed

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C3	VHF COMM L
11G3	SELCAL
11G4	VHF COMM (CTR, C)
11G8	(LEFT, L) HF COMM
11G31	VHF COMM R
11G35	(RIGHT, R) HF COMM

SELCAL - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 21 02 --	(01=L VHF, 02=C VHF, 03=R VHF, 04=L HF, 05=R HF, 06=HF) SELCAL is not reset by PTT. Call switch resets SELCAL.
23 21 01 --	(01=L VHF, 02=C VHF, 03=R VHF, 04=L HF, 05=R HF, 06=HF) call switch fails to reset SELCAL. PTT resets SELCAL.
23 21 03 --	(01=L VHF, 02=C VHF, 03=R VHF, 04=L HF, 05=R HF, 06=HF) call switch and PTT fail to reset SELCAL.
23 21 04 --	Calls on (01=L VHF, 02=C VHF, 03=R VHF, 04=L HF, 05=R HF, 06=HF) fail to illum SELCAL lgt.
23 21 05 --	Calls on (01=L VHF, 02=C VHF, 03=R VHF, 04=L HF, 05=R HF, 06=HF) fail to sound chime. SELCAL call lgt illum.
23 21 06 --	Calls on (01=L VHF, 02=C VHF, 03=R VHF, 04=L HF, 05=R HF, 06=HF) fail to illum SELCAL lgt and sound chime. SELCAL on another radio norm.
23 21 07 00	Calls on any radio fail to illum SELCAL lgt and sound chime.
23 21 XA --	Report SELCAL symptoms or patterns along with fault code.

SELCAL - LOG BOOK REPORTS

178517

EFFECTIVITY

ALL

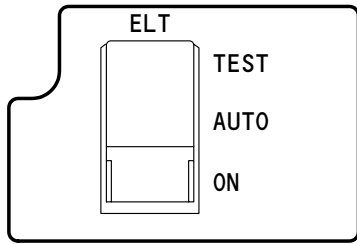
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FAULT REPORTING MANUAL

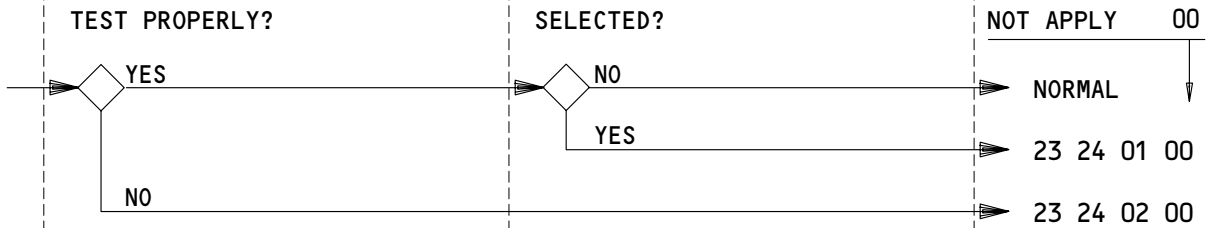
OVERHEAD PANEL



FAULT CODE/
 LOCATION

DID EMERGENCY LOCATOR SYSTEM
 TEST PROPERLY?

WAS EMERGENCY LOCATOR SIGNAL
 BEING TRANSMITTED WHEN NOT
 SELECTED?



REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE → 23 24 XA 00

APPLICABLE CIRCUIT BREAKERS

NONE

EMERGENCY LOCATOR TRANSMITTER - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 24 01 00	Emergency locator signal is being transmitted when not selected.
23 24 02 00	Emergency Locator System did not test properly.
23 24 XA 00	Report emergency locator transmitter symptoms or patterns along with fault code.

EMERGENCY LOCATOR TRANSMITTER – LOG BOOK REPORTS

EFFECTIVITY

ALL

71

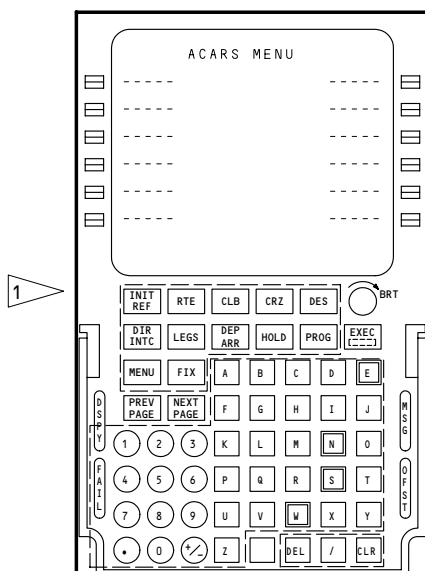
COMMUNICATIONS

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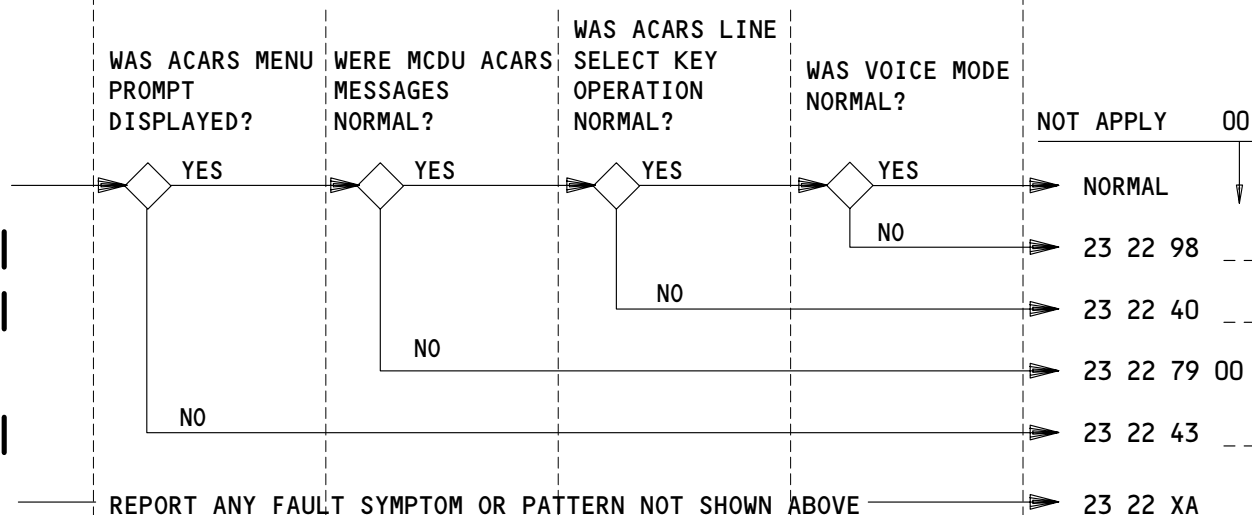
FAULT REPORTING MANUAL

FWD ELECTRONICS PANEL



FAULT CODE/ LOCATION

L 01
R 02
BOTH 03



1 REFER TO "NAVIGATION" CHAPTER FOR FMC CDU FAULTS.

APPLICABLE CIRCUIT BREAKERS

6G5	ACARS DC PWR	11E29	RIGHT FMCS CDU
11E8	LEFT FMCS CDU	11G6	ACARS MGMT UNIT AC

FMC CDU-ACARS INTERFACE - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 23 22 98 -- ACARS voice mode inop using (01=L, 02=R, 03=both) CDU(s).
- 23 22 40 -- ACARS item selections do not respond to line item selection keys on (01=L, 02=R, 03=both) CDU(s).
- 23 22 33 -- MCDU ACARS message displayed (state message).
- 23 22 43 -- ACARS menu prompt not displayed using (01=L, 02=R, 03=both) MCDU(s) MENU key.
- 23 22 XA -- Report FMC CDU - ACARS interface symptoms or patterns along with fault code.

FMC CDU - ACARS INTERFACE - LOG BOOK REPORTS

EFFECTIVITY

ALL

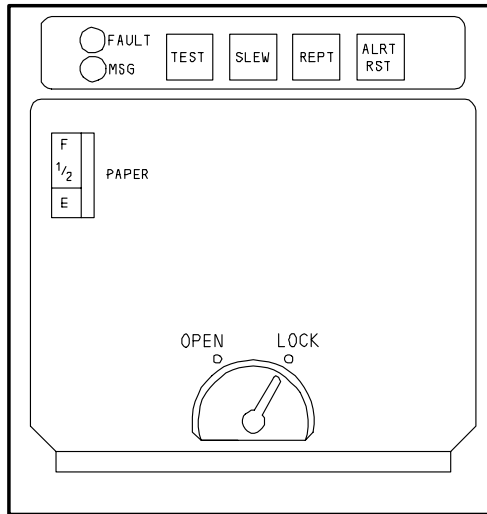
33

COMMUNICATIONS

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BOEING 767
FAULT REPORTING MANUAL

AFT ELECTRONICS PANEL



**FAULT CODE/
LOCATION**

WAS PRINTER OPERATION NORMAL?

		NOT APPLY	00
YES			
	SELF TEST INOP	NORMAL	
	PRINTER FAULT LIGHT ILLUM	23 22 81	00
	MSG LIGHT WILL NOT RESET	23 22 78	00
		23 22 33	00

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE

23 22 XE 00

1 REFER TO "NAVIGATION" CHAPTER FOR FMC CDU FAULTS.

APPLICABLE CIRCUIT BREAKERS

NONE

ACARS PRINTER – FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

| 23 22 81 00 Printer SELF TEST inoperative.

23 22 78 00 Printer FAULT LIGHT illuminated.

| 23 22 33 00 Printer MSG light illuminated.

23 22 XB 00 Report ACARS printer symptoms or patterns along with fault code.

ACARS PRINTER – LOG BOOK REPORTS

EFFECTIVITY

ALL

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ELECTRICAL POWER

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HYD GEN VAL.....	20
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(L,R) IDG VALVE	2B
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T-R UNIT.....	10
(L,R) UTIL BUS OFF.....	6
WARN ELEX.....	INDICATING/RECORDING SYSTEM & FLIGHT CONTROLS

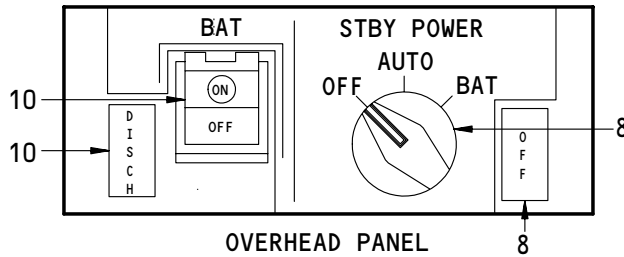
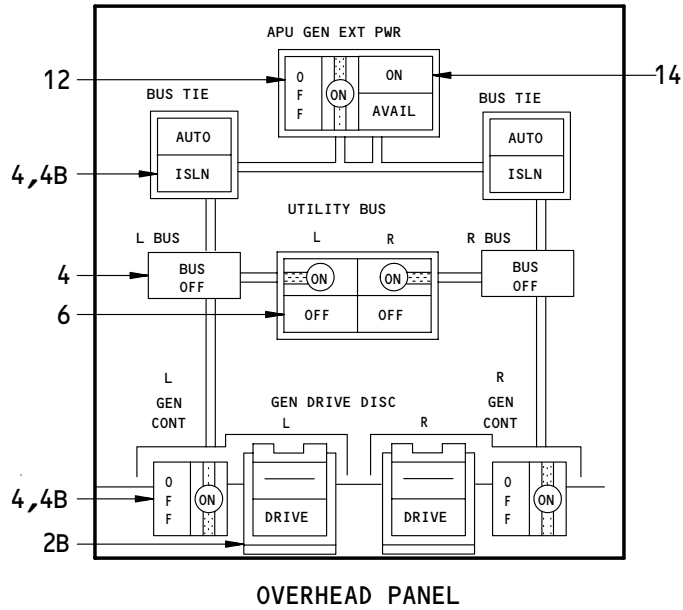
EICAS MESSAGES

EFFECTIVITY

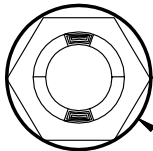
ALL

BOEING 767

FAULT REPORTING MANUAL

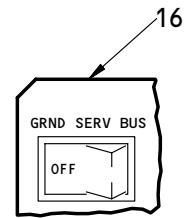
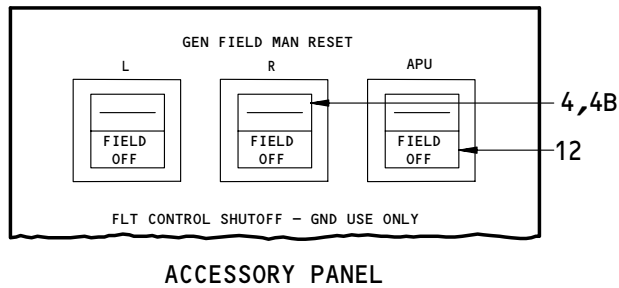


EQUIP COOL



HYD GEN

20



FWD ATTND PANEL

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EFFECTIVITY

ALL

06

ELECTRICAL POWER

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BOEING 767
FAULT REPORTING MANUAL

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IDG OIL TEMP.....	2B		
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IDG VALVE.....	2B		

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EFFECTIVITY

ALL

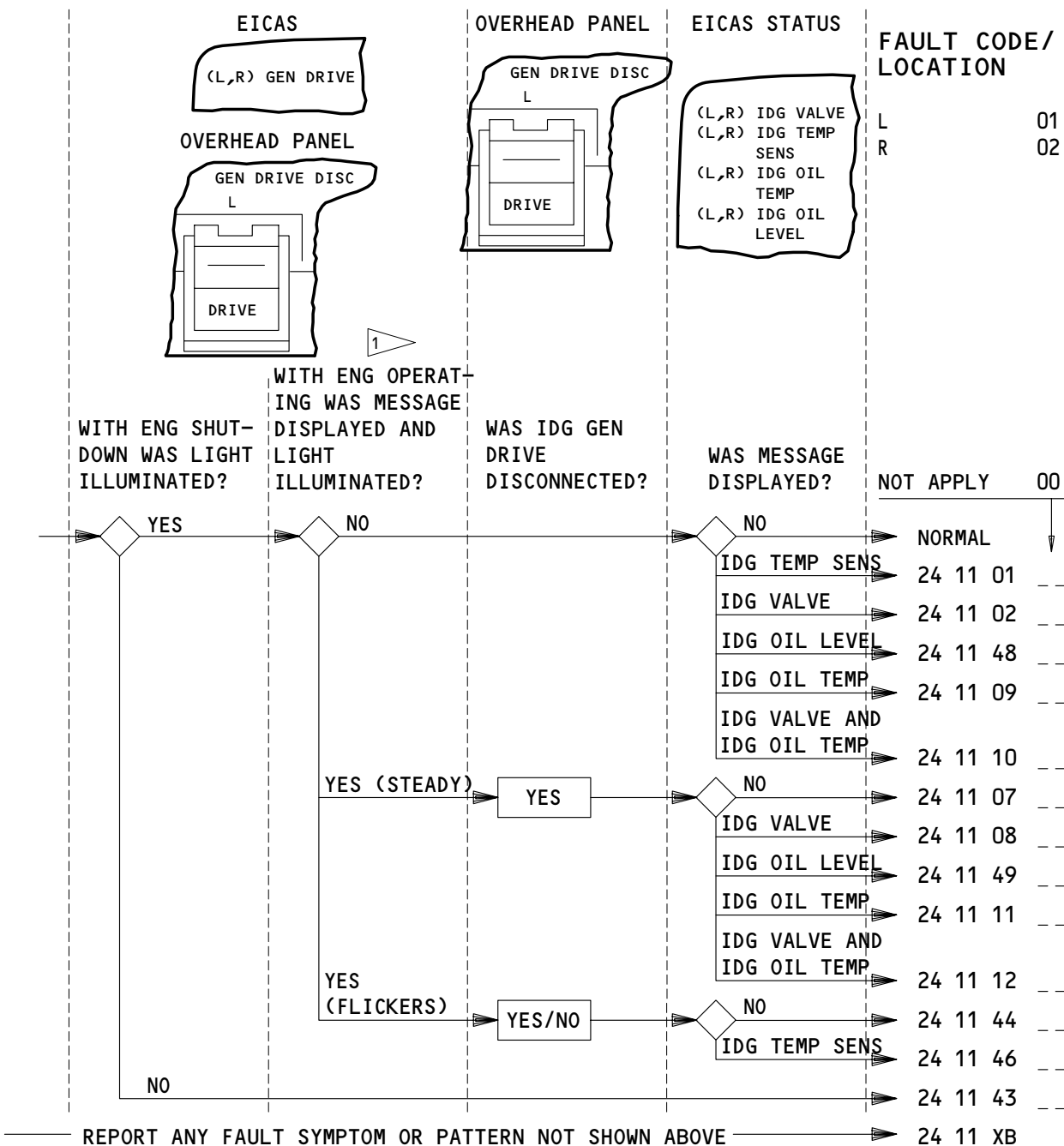
32

ELECTRICAL POWER

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FAULT REPORTING MANUAL



1 LOSS OF IDG OIL PRESS WILL TRIP GEN CONT.

APPLICABLE CIRCUIT BREAKERS

6B1	L GEN CONT UNIT	6B5	L GEN DRIVE DISC	11M4	LEFT ENGINE IDG VALVE
6B2	R GEN CONT UNIT	6B6	R GEN DRIVE DISC	11M31	RIGHT ENGINE IDG VALVE

GENERATOR DRIVE - FAULT CODES

EFFECTIVITY
ALL

R29865

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
24 11 01 --	EICAS msg (O1=L, O2=R) IDG TEMP SENS (displayed, display intermittent).
24 11 02 --	EICAS msg (O1=L, O2=R) IDG VALVE displayed.
24 11 48 --	EICAS msg (O1=L, O2=R) IDG OIL LEVEL displayed.
24 11 09 --	EICAS msg ((O1=L, O2=R) IDG OIL TEMP (displayed, display intermittent).
24 11 10 --	EICAS msg (O1=L, O2=R) IDG VALVE and IDG OIL TEMP displayed.
24 11 07 --	EICAS msg (O1=L, O2=R) GEN DRIVE displayed. Gen DRIVE light illuminated Gen drive disconnected.
24 11 08 --	EICAS msg (O1=L, O2=R) GEN DRIVE and IDG VALVE displayed. Gen DRIVE light illuminated. Gen drive disconnected.
24 11 49 --	EICAS msg (O1=L, O2=R) GEN DRIVE and IDG OIL LEVEL displayed. Gen DRIVE light illuminated. Gen drive disconnected.
24 11 11 --	EICAS msg (O1=L, O2=R) GEN DRIVE and IDG OIL TEMP displayed. Gen DRIVE light illuminated. Gen Drive disconnected.
24 11 12 --	EICAS msg (O1=L, O2=R) GEN DRIVE, IDG VALVE and IDG OIL TEMP displayed. Gen DRIVE light illuminated. Gen Drive disconnected.
24 11 44 --	EICAS msg (O1=L, O2=R) GEN DRIVE and DRIVE warning light flickers. IDG (was, was not) disconnected.
24 11 46 --	EICAS msgs' (O1=L, O2=R) GEN DRIVE, IDG TEMP SENS and DRIVE warning light flickers. IDG (was, was not) disconnected.
24 11 43 --	(O1=L, O2=R) Gen DRIVE light did not illuminate with eng shutdown.
24 11 XB --	Report generator drive symptoms or patterns along with fault code.

GENERATOR DRIVE – LOG BOOK REPORTS

EFFECTIVITY

ALL

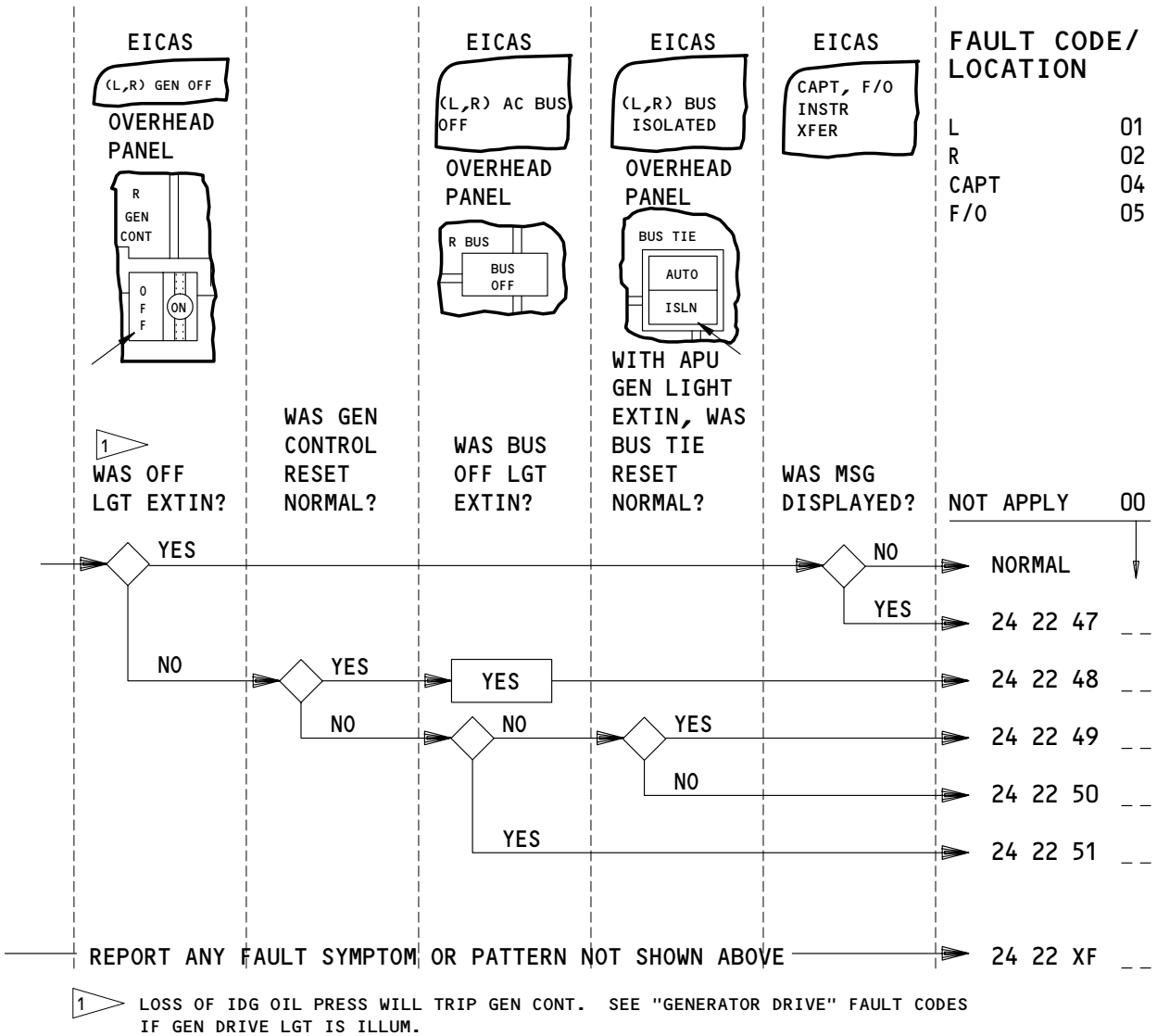
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ELECTRICAL POWER

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

6A15	115 VAC BUS L SEC 3	6B4	BUS PWR CONT UNIT	6J16	Ø C CAPT PRIM INSTR BUS
6A18	115 VAC BUS L SEC 2	6C15	115 VAC BUS L SEC 1	6J18	CENTER BUS AC
6A21	115 VAC BUS R SEC 3	6C21	115 VAC BUS R SEC 1	6L20	Ø A F/O PRIM INSTR BUS
6A24	115 VAC BUS R SEC 2	6G7	CENTER BUS CONT	6L21	Ø B F/O PRIM INSTR BUS
6B1	L GEN CONT UNIT	6J14	Ø A CAPT PRIM INSTR BUS	6L22	Ø C F/O PRIM INSTR BUS
6B2	R GEN CONT UNIT	6J15	Ø B CAPT PRIM INSTR BUS	11T32	BPCU SEC

GENERATOR AND BUS TIE CONTROL - FAULT CODES

EFFECTIVITY

ALL

01

ELECTRICAL POWER

PAGE 4
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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
24 22 47 --	EICAS msg (04=CAPT, 05=F/O) INSTR XFER displayed. (Left for Capt, right for F/O) AC bus was powered.
24 22 48 --	EICAS msg (01=L, 02=R) GEN OFF displayed. (01=L, 02=R) gen OFF light illuminated. Condition returned to normal after generator switch reset.
24 22 49 --	EICAS msg (01=L, 02=R) GEN OFF displayed. (01=L, 02=R) gen OFF light illuminated. Generator reset did not correct condition, EICAS msg (01=L, 02=R) AC BUS OFF remained displayed, (01=L, 02=R) BUS OFF light remained illuminated, with APU GEN light extin, bus tie reset normal.
24 22 50 --	EICAS msg (01=L, 02=R) GEN OFF displayed. (01=L, 02=R) gen OFF light illuminated. Generator reset did not correct condition, EICAS msg (01=L, 02=R) AC BUS OFF remained displayed, (01=L, 02=R) BUS OFF light remained illuminated, with APU GEN light extin, bus tie reset not normal.
24 22 51 --	EICAS msg (01=L, 02=R) GEN OFF displayed. (01=L, 02=R) gen OFF light illuminated. Generator switch reset did not correct condition.
24 22 XF --	Report generator and bus tie control symptoms or patterns along with fault code.

GENERATOR AND BUS TIE CONTROL - LOG BOOK REPORTS

EFFECTIVITY

ALL

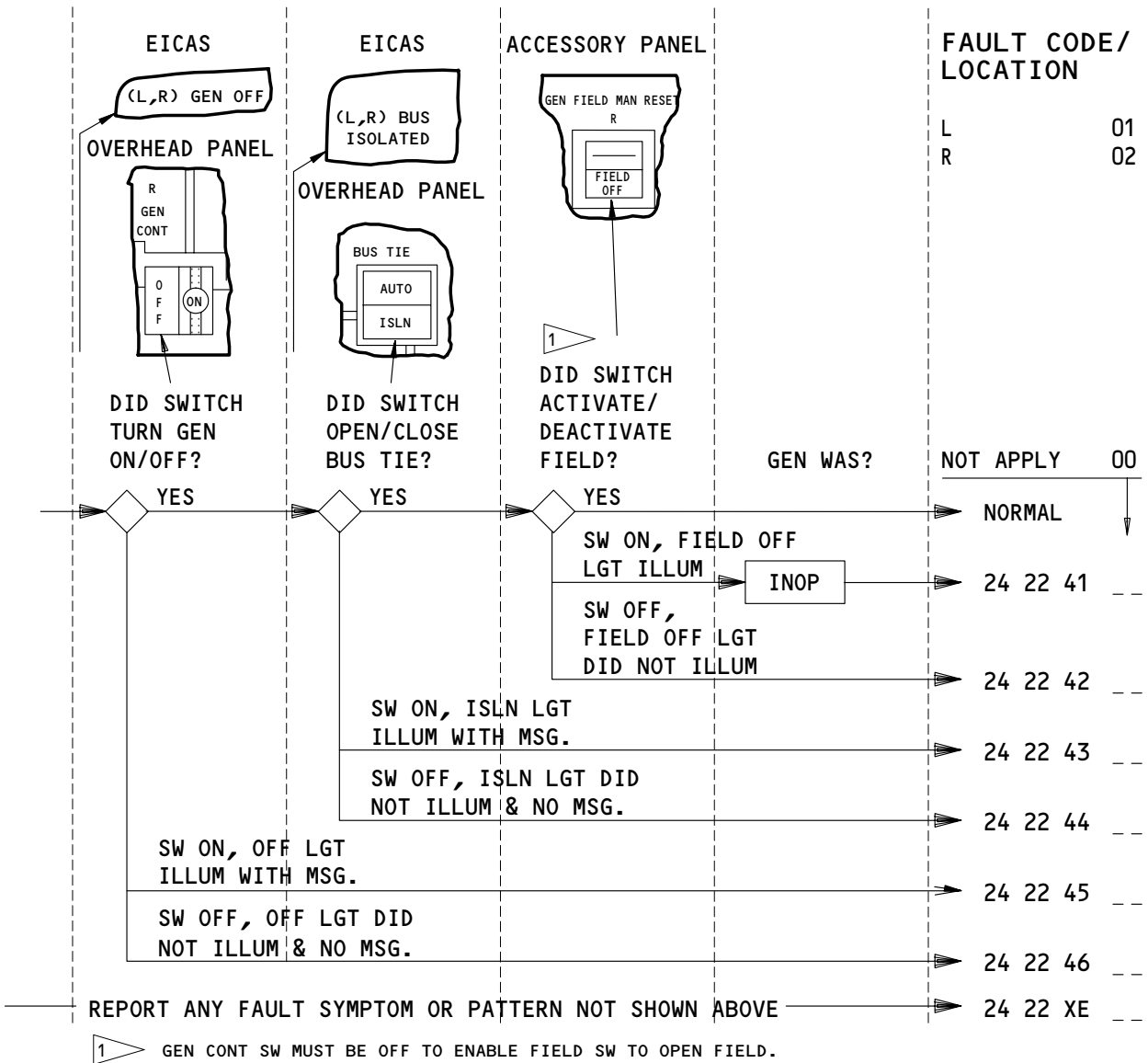
03

ELECTRICAL POWER

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

NONE

DEFECTIVE GEN CONT, AC BUS TIE & GEN FIELD SWITCHES – FAULT CODES

EFFECTIVITY

ALL

03

ELECTRICAL POWER

PAGE 4B
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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 24 22 41 -- Gen FIELD OFF lgt illum with FIELD OFF sw pressed. Gen was inop.
- 24 22 42 -- Gen FIELD OFF lgt did not illum with FIELD OFF sw pressed. Gen cont sw was off.
- 24 22 43 -- (O1=L, O2=R) Bus tie sw failed to close (latched in) Bus tie breaker. (L,R) Bus tie ISLN lgt illum and EICAS msg (L,R) BUS ISOLATED displayed.
- 24 22 44 -- (O1=L, O2=R) Bus tie sw failed to open (not latched) Bus tie breaker. (L,R) Bus tie ISLN lgt did not illum and EICAS msg (L,R) BUS ISOLATED did not display.
- 24 22 45 -- (O1=L, O2=R) gen sw failed to close (latched in) Gen Breaker. (L,R) gen OFF lgt illum and EICAS msg (L,R) GEN OFF displayed.
- 24 22 46 -- (O1=L, O2=R) gen sw failed to open (not latched in) Gen Breaker. (L,R) gen OFF lgt did not illum and EICAS msg (L,R) GEN OFF did not display.
- 24 22 XE -- Report defective gen cont, AC bus tie & gen field switches symptoms or patterns along with fault codes.

**DEFECTIVE GEN CONT, AC BUS TIE &
 GEN FIELD SWITCHES - LOG BOOK REPORT**

EFFECTIVITY

ALL

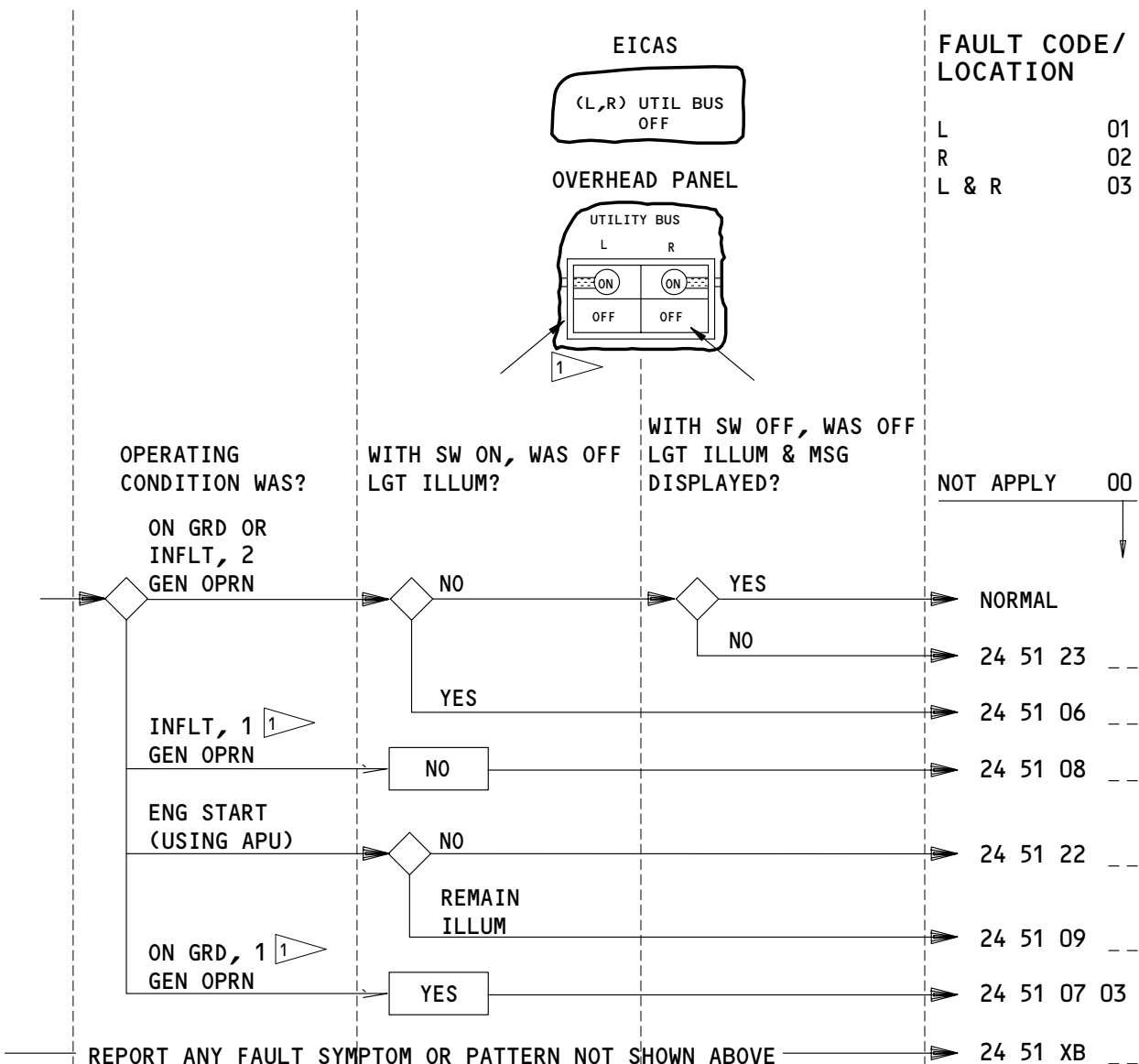
03

ELECTRICAL POWER

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FAULT REPORTING MANUAL



¹ UTILITY BUSES WILL TRIP IF A SINGLE SOURCE IS SUPPLYING ELECTRICAL POWER WITH BOTH THRUST LEVERS ADVANCED.

APPLICABLE CIRCUIT BREAKERS

6B1	L GEN CONT UNIT	11T4	UTIL BUS L
6B2	R GEN CONT UNIT	11T31	UTIL BUS R
6B4	BUS PWR CONT UNIT	11T32	BPCU SEC
11T2	ENG START LD SHD RESET		

UTILITY BUS - FAULT CODES

EFFECTIVITY
ALL

03

ELECTRICAL POWER

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 24 51 23 -- (01=L, 02=R) utility bus sw failed to turn (not latched in) OFF utility bus. (L,R) UTIL BUS OFF did not display or OFF lgt illum.
- 24 51 06 -- EICAS msg (L, R) UTIL BUS OFF displayed. (01=L, 02=R, 03=L & R) utility bus OFF lgt illum. This occurred during (grd oprn or inflt, 2 gen oprn).
- 24 51 08 -- (01=L, 02=R, 03=L & R) utility bus OFF lgt failed to illum during 1 gen oprn inflt.
- 24 51 22 -- (01=L, 02=R) utility bus OFF lgt extin during eng start using APU.
- 24 51 09 -- (01=L, 02=R, 03=L & R) utility bus OFF lgt remained illum after eng start using APU.
- 24 51 07 03 Both L & R utility bus OFF lgts illum during 1 gen oprn on grd.
- 24 51 XB -- Report utility bus symptoms or patterns along with fault codes.

UTILITY BUS - LOG BOOK REPORT

EFFECTIVITY

ALL

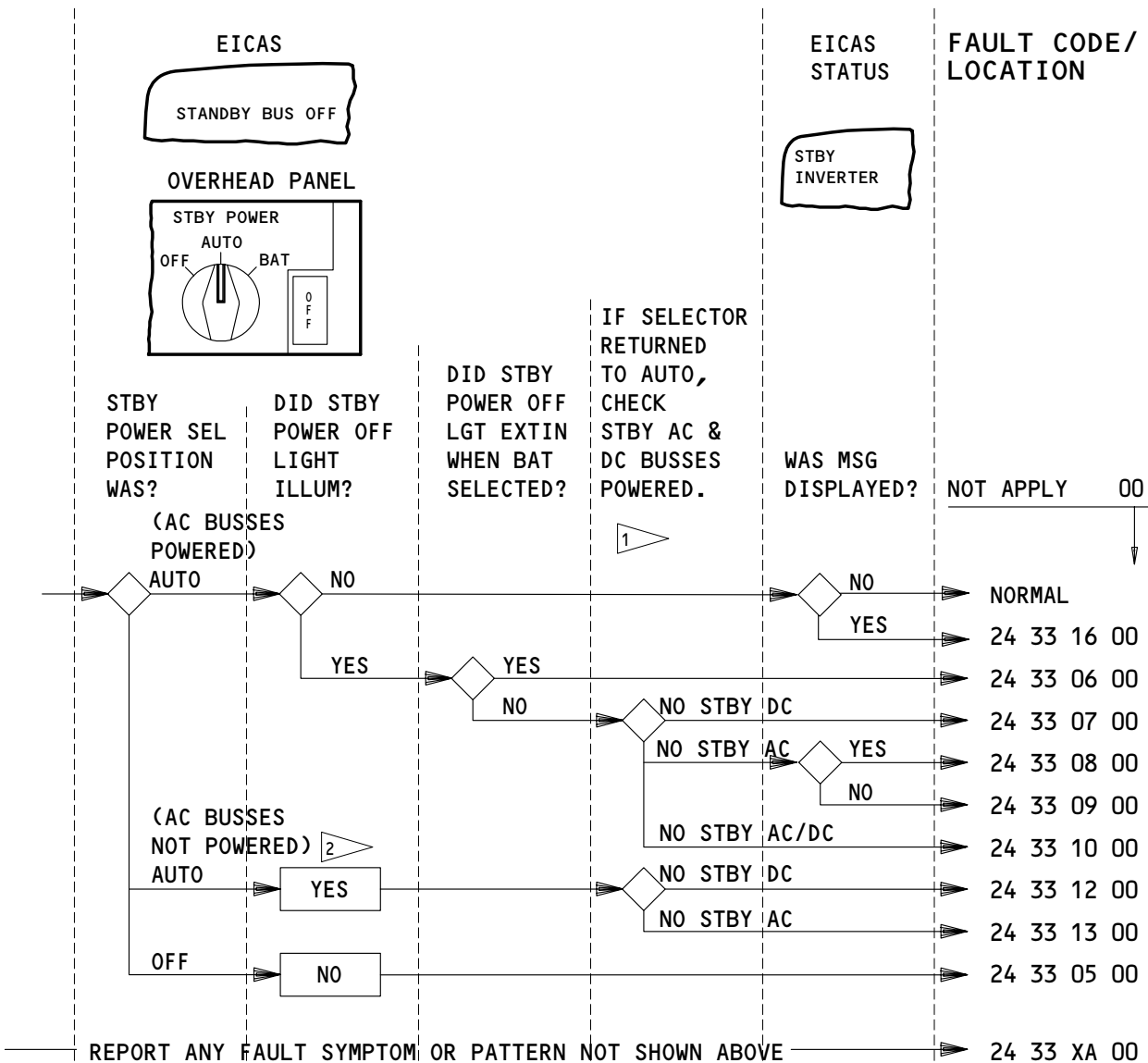
03

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FAULT REPORTING MANUAL



1 LOSS OF DC STBY BUS WILL ILLUM EEC INOP LIGHT, STBY ALTITUDE, ETC
LOSS OF AC STBY BUS WILL FAIL L NAVIGATION SYSTEM, ETC.

2 WITH C HYD SYSTEM PRESSURIZED, HYD GEN WILL OPERATE STBY SYS.

APPLICABLE CIRCUIT BREAKERS

6A1	BAT BUS DISTR	6D2	BAT XFR CONT	6J17	AC STBY BUS PWR
6A2	DC STBY	6D11	INV PWR TRU	6L15	CENTER BUS AC INVERTER
6A5	STBY PWR CONT	6D12	BAT BUS PWR TRU	6L16	VOLT SENSE INVERTER
6A7	HYD GEN CONTR POWER	6J11	BAT BUS PWR	11D1	STANDBY BUS AC
6C11	BAT BUS CONT	6J12	INV PWR BAT	11D2	STANDBY BUS DC

STANDBY POWER – FAULT CODES

EFFECTIVITY

ALL

ELECTRICAL POWER

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
24 33 16 00	EICAS msg STBY INVERTER displayed with stby sel sw in AUTO and OFF lgt extin.
24 33 06 00	EICAS msg STANDBY BUS OFF displayed. Stby power bus OFF lgt illum. Both extinguished when stby power selected to bat.
24 33 07 00	No standby DC power. EICAS msg STANDBY BUS OFF displayed. Stby power bus OFF lgt illum. Both indications same when stby power momentarily selected to bat.
24 33 08 00	No standby AC power. EICAS msg STANDBY BUS OFF & STBY INVERTER displayed. Stby power bus OFF lgt illum. Both indications same when stby power momentarily selected to bat.
24 33 09 00	No standby AC power. EICAS msg STANDBY BUS OFF displayed. Stby power bus OFF lgt illum. Both indications same when stby power momentarily selected to Bat. EICAS msg STBY INVERTER did not display.
24 33 10 00	Both AC & DC standby power lost. EICAS msg STANDBY BUS OFF displayed. Stby power bus OFF lgt illum. Both indications same when stby power momentarily selected to bat.
24 33 12 00	EICAS msg STANDBY BUS OFF and stby bus OFF lgt illum. No stby DC power with standby power on bat.
24 33 13 00	EICAS msg STANDBY BUS OFF and stby bus OFF lgt illum. No stby AC power with standby power on bat.
24 33 05 00	Stby power bus OFF lgt did not illum with stby power selector sw off.
24 33 XA 00	Report standby power symptoms or patterns along with fault code.

STANDBY POWER – LOG BOOK REPORTS

EFFECTIVITY

ALL

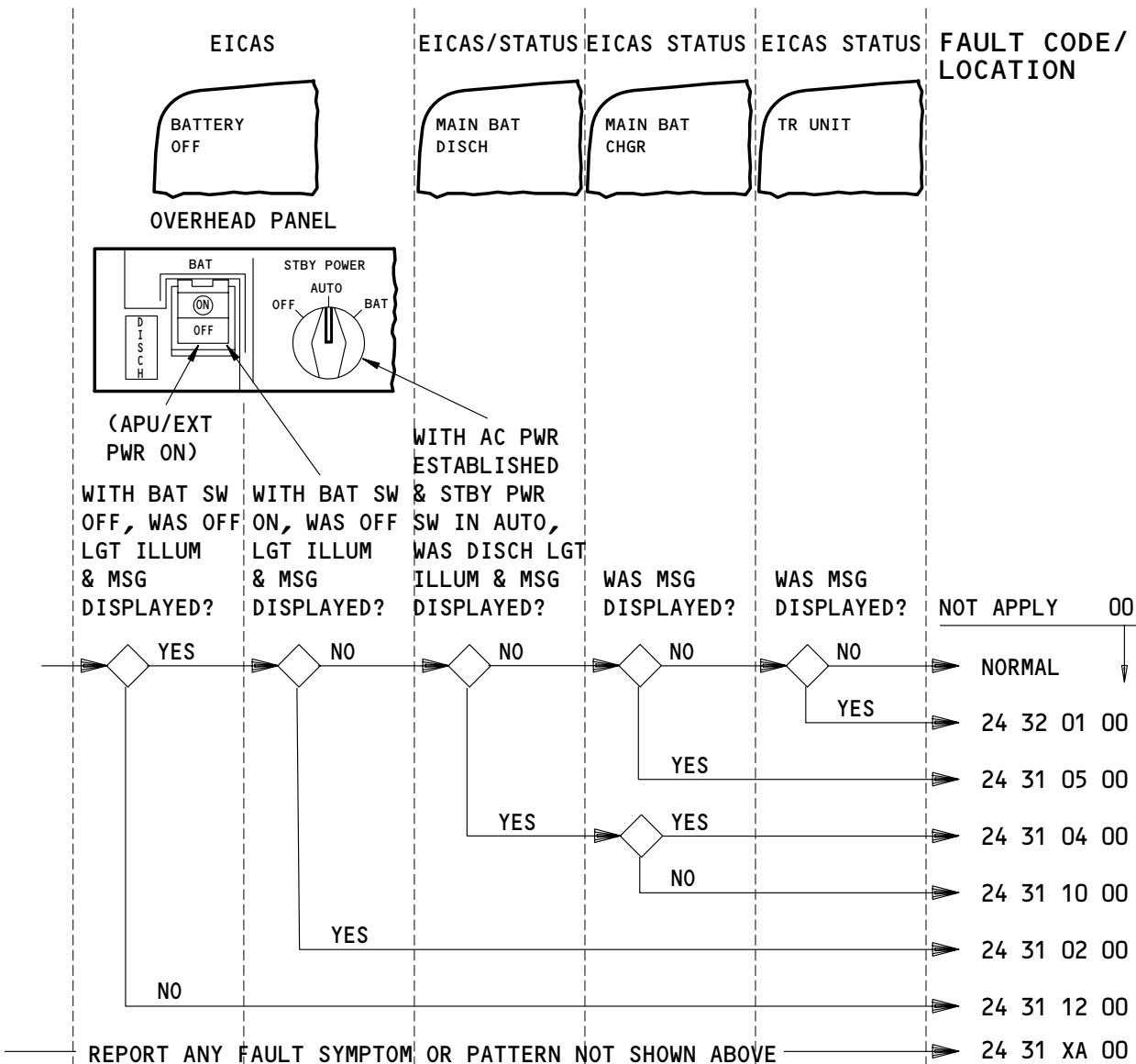
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

6A1	BAT BUS DISTR	6D1	BAT OVHT PROT
6A6	DC BUS TIE CONT	6D2	BAT XFR CONT
6C11	BAT BUS CONT	6D12	BAT BUS PWR TRU
6C12	L DC VOLT SENSE	6J9	MAIN BAT CHGR
6C18	L TRU	6J10	HOT BAT BUS
6C24	R TRU	6J11	BAT BUS PWR

BATTERY AND TR UNITS – FAULT CODES

EFFECTIVITY

ALL

ELECTRICAL POWER

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
24 32 01 00	EICAS msg TR UNIT displayed.
24 31 05 00	EICAS msg MAIN BAT CHGR displayed. Bat DISCH lgt did not illum.
24 31 04 00	EICAS msg MAIN BAT DISCH & MAIN BAT CHGR displayed. Bat DISCH lgt illum.
24 31 10 00	EICAS msg MAIN BAT DISCH displayed and bat DISCH lgt illum. STBY power sw in AUTO.
24 31 02 00	With Bat sw ON, EICAS msg BATTERY OFF displayed & Bat OFF lgt illum.
24 31 12 00	Bat sw failed to turn OFF (not latched in) bat. EICAS msg BATTERY OFF did not display or bat OFF lgt illum. (APU/EXT) power was ON.
24 31 XA 00	Report battery and TR units symptoms or patterns along with fault codes.

BATTERY AND TR UNITS - LOG BOOK REPORT

EFFECTIVITY

ALL

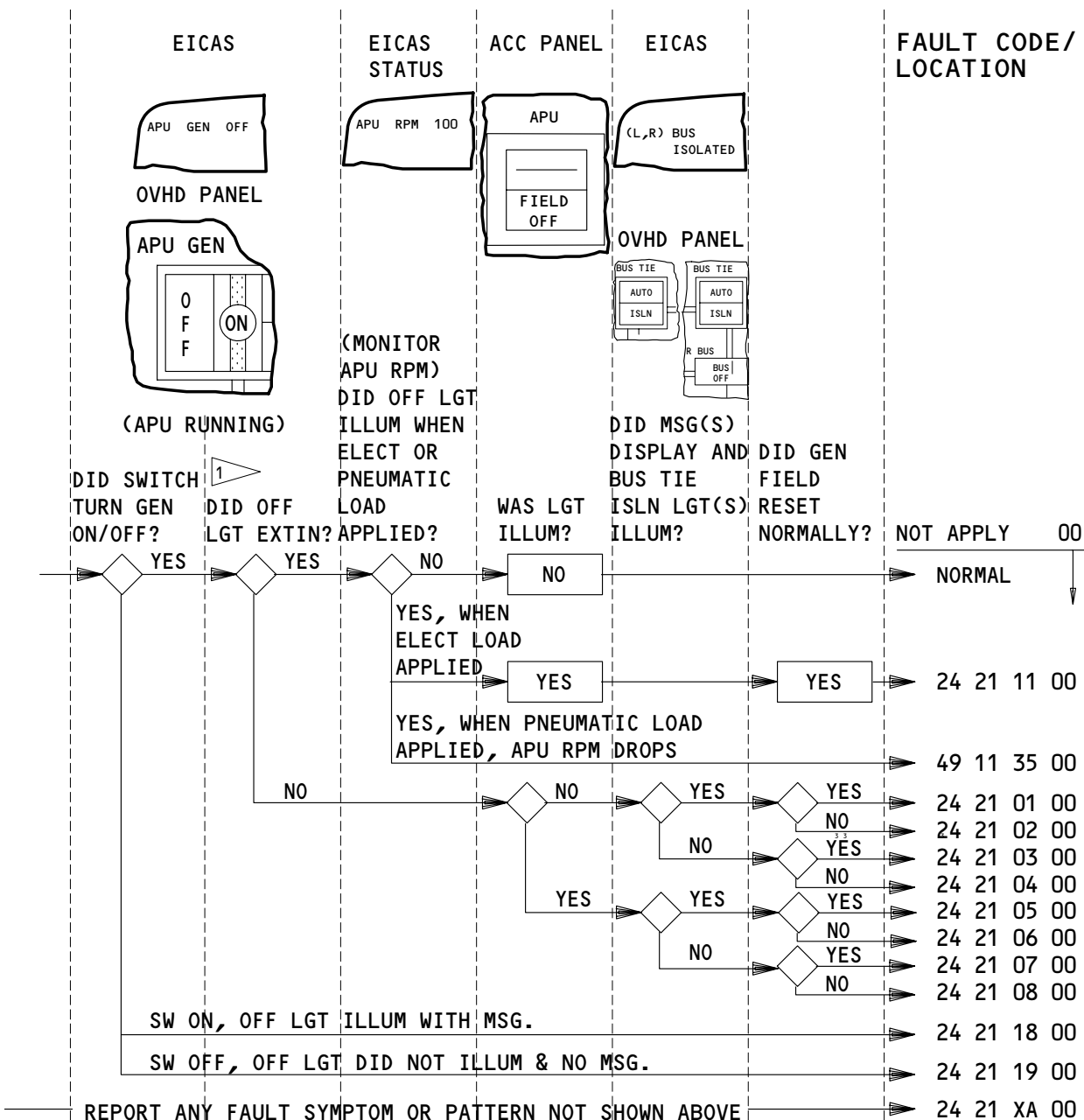
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ELECTRICAL POWER

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

6A15	115 VAC BUS L SEC 3	6B3	APU GEN CONT UNIT	11T4	UTIL BUS L
6A18	115 VAC BUS L SEC 2	6B4	BUS PWR CONT UNIT	11T31	UTIL BUS R
6A21	115 VAC BUS R SEC 3	6C15	115 VAC BUS L SEC 1	11T32	BPCU SEC
6A24	115 VAC BUS R SEC 2	6C21	115 VAC BUS R SEC 1		

APU GENERATOR – FAULT CODES

EFFECTIVITY

ALL

03

ELECTRICAL POWER

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
24 21 11 00	APU Gen OFF and FIELD OFF lgts illum when electrical load applied. EICAS msg APU GEN OFF was displayed.
49 11 35 00	APU RPM drops when (packs operated, engines started). EICAS msg APU GEN OFF displayed and APU Gen OFF lgt illum.
24 21 01 00	EICAS msg APU GEN OFF displayed and APU gen OFF lgt illum with APU running. EICAS msgs L AND R BUS ISOLATED displayed and bus tie ISLN lgts illum. Generator reset OK.
24 21 02 00	EICAS msg APU GEN OFF displayed and APU gen OFF lgt illum with APU running. EICAS msgs L AND R BUS ISOLATED displayed and bus tie ISLN lgts illum. Generator would not reset.
24 21 03 00	EICAS msg APU GEN OFF displayed and APU gen OFF lgt illum with APU running. Generator reset OK.
24 21 04 00	EICAS msg APU GEN OFF displayed and APU gen OFF lgt illum with APU running. Generator would not reset.
24 21 05 00	EICAS msg APU GEN OFF displayed and APU gen OFF lgt illum with APU running. APU FIELD OFF lgt illum. EICAS msg L AND R BUS ISOLATED displayed and bus tie ISLN lgts illum. Generator reset OK.
24 21 06 00	EICAS msg APU GEN OFF displayed and APU gen OFF lgt illum with APU running. APU FIELD OFF lgt illum. EICAS msg L AND R BUS ISOLATED displayed and bus tie ISLN lgts illum. APU FIELD would (not reset, reset then retrip).
24 21 07 00	EICAS msg APU GEN OFF displayed and APU gen OFF lgt illum with APU running. APU FIELD OFF lgt illum. Generator reset OK.
24 21 08 00	EICAS msg APU GEN OFF displayed and APU gen OFF lgt illum with APU running. APU FIELD OFF lgt illum. APU FIELD would (not reset, reset then retrip).
24 21 18 00	APU gen failed to sw ON. APU gen OFF lgt illum and EICAS msg APU GEN OFF displayed.
24 21 19 00	APU gen failed to sw OFF. APU gen OFF did not illum and EICAS msg APU GEN OFF did not display.
24 21 XA 00	Report APU generator symptoms or patterns along with fault code.

APU GENERATOR – LOG BOOK REPORTS

EFFECTIVITY

ALL

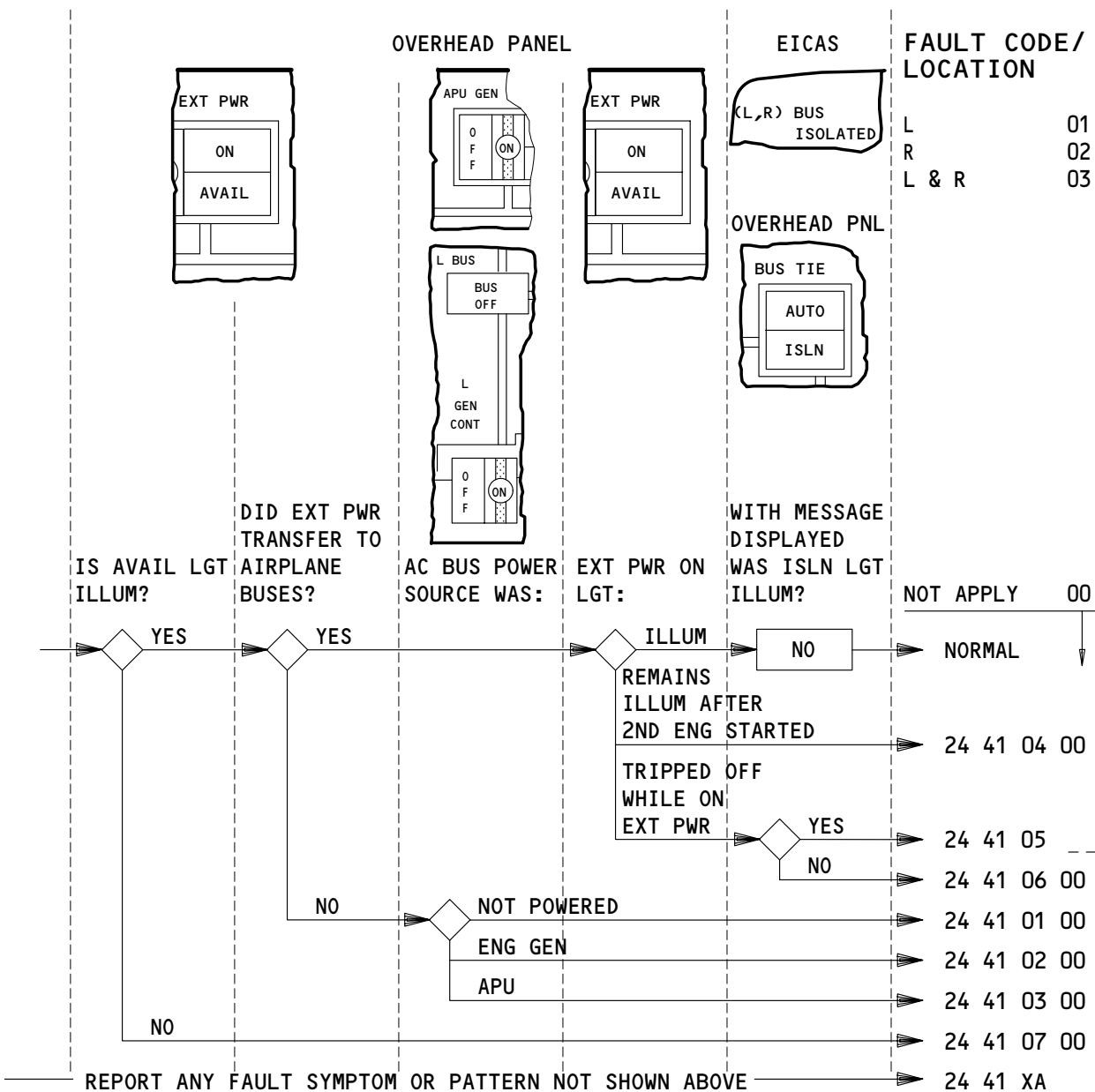
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ELECTRICAL POWER

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

6A15	115 VAC BUS L SEC 3	6B3	APU GEN CONT UNIT		11T4	UTIL BUS L
6A18	115 VAC BUS L SEC 2	6B4	BUS PWR CONT UNIT		11T31	UTIL BUS R
6A21	115 VAC BUS R SEC 3	6C15	115 VAC BUS L SEC 1		11T32	BPCU SEC
6A24	115 VAC BUS R SEC 2	6C21	115 VAC BUS R SEC 1			

EXTERNAL POWER – FAULT CODES

EFFECTIVITY

ALL

ELECTRICAL POWER

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
24 41 04 00	Ext pwr ON lgt remained illum after 2nd eng started.
24 41 05 --	Ext pwr tripped off and ON lgt extin. Ext pwr AVAIL lgt illum. EICAS msg (R, L) BUS ISOLATED displayed, (01=L, 02= R, 03=L & R) BUS TIE ISLN lgt(s) illum.
24 41 06 00	Ext pwr tripped off and ON lgt extin, ext pwr AVAIL lgt illum. Bus tie ISLN lgts extin.
24 41 01 00	With AVAIL lgt illum, ext pwr failed to transfer to airplane buses. No AC power was on airplane.
24 41 02 00	With AVAIL lgt illum, ext pwr failed to transfer to airplane buses. Engine gens were powering AC buses.
24 41 03 00	With AVAIL lgt illum, ext pwr failed to transfer to airplane buses. APU gen was powering AC buses.
24 41 07 00	External power AVAIL or CONNECTED lgt extin with external power connected to receptacle.
24 41 XA --	Report external power symptoms or patterns along with fault code.

EXTERNAL POWER – LOG BOOK REPORTS

EFFECTIVITY

ALL

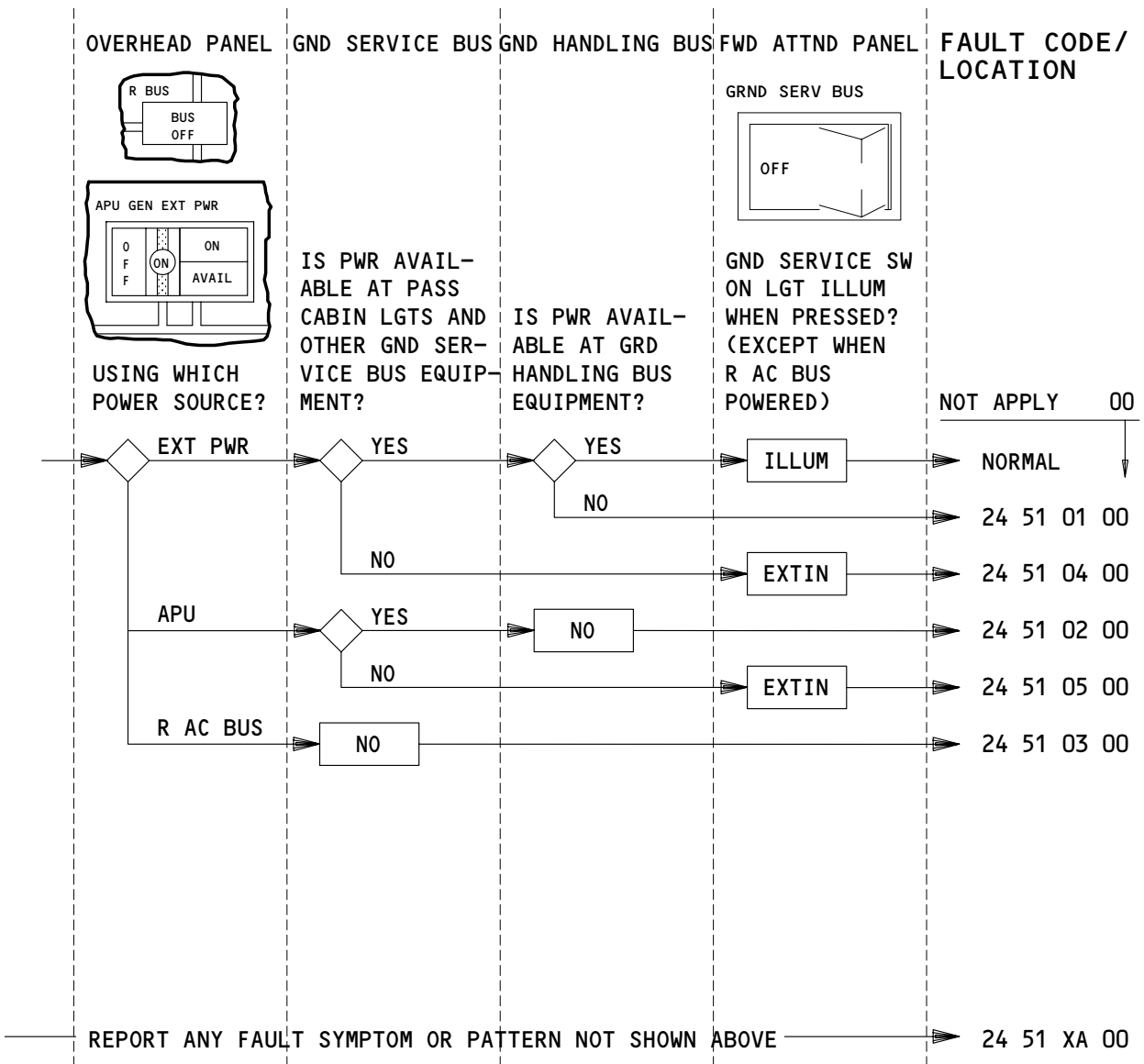
03

ELECTRICAL POWER

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

6B1	L GEN CONT UNIT	6B4	BUS PWR CONT UNIT
6B2	R GEN CONT UNIT	11T29	GND SERV LOAD CONT
6B3	APU GEN CONT UNIT	11T32	BPCU SEC

GROUND SERVICE AND GROUND HANDLING - FAULT CODES

EFFECTIVITY

ALL

ELECTRICAL POWER

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FAULT CODE	LOG BOOK REPORT
24 51 01 00	Ground handling bus equipment (cargo doors, loading equipment) inoperative with external power AVAIL lgt illum.
24 51 04 00	Ground service bus inoperative with external power AVAIL lgt illum and GRND SERV BUS switch extinguished when pressed on at fwd atnd panel.
24 51 02 00	Ground handling bus equipment (cargo doors, loading equipment) inoperative with APU power avail.
24 51 05 00	Ground service bus inoperative with APU power avail and GND SERV BUS switch extin when pressed on at fwd atnd panel.
24 51 03 00	Ground service bus inoperative with R AC bus powered.
24 51 XA 00	Report ground service and ground handling symptoms or patterns along with fault codes.

GROUND SERVICE AND GROUND HANDLING – LOG BOOK REPORTS

EFFECTIVITY

ALL

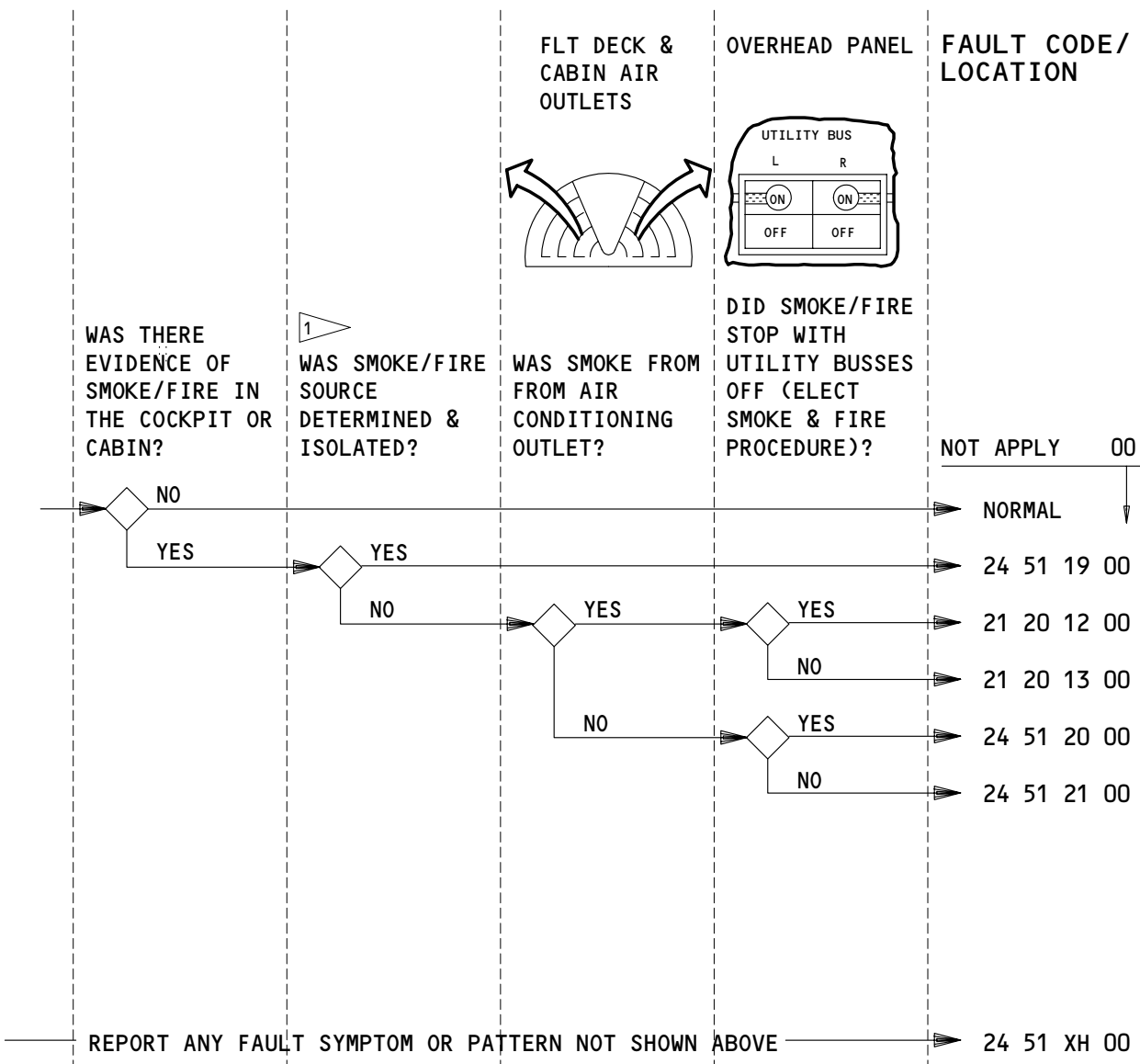
03

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FAULT REPORTING MANUAL



1 IF APU IS SOURCE OF SMOKE, SEE "APU" CHAPTER.
 IF ENGINE IS SOURCE OF SMOKE/FUMES, SEE "POWER PLANT" CHAPTER.

APPLICABLE CIRCUIT BREAKERS
 NONE

SMOKE/FIRE - FAULT CODES

163956

EFFECTIVITY
ALL

04

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
24 51 19 00	(Fire, Smoke) from (identify item or sys).
21 20 12 00	Smoke from air conditioning outlets. Stopped with both utility busses OFF.
21 20 13 00	Smoke from air conditioning outlets. Continued with both utility busses OFF.
24 51 20 00	Smoke in cabin. Stopped with both utility busses OFF. Smoke did not appear to be from air conditioning outlets.
24 51 21 00	Smoke in cabin. Continued with both utility busses OFF. Smoke did not appear to be from air conditioning outlets.
24 51 XH 00	Report smoke/fire symptoms or patterns along with fault code.

SMOKE/FIRE – LOG BOOK REPORTS

EFFECTIVITY

ALL

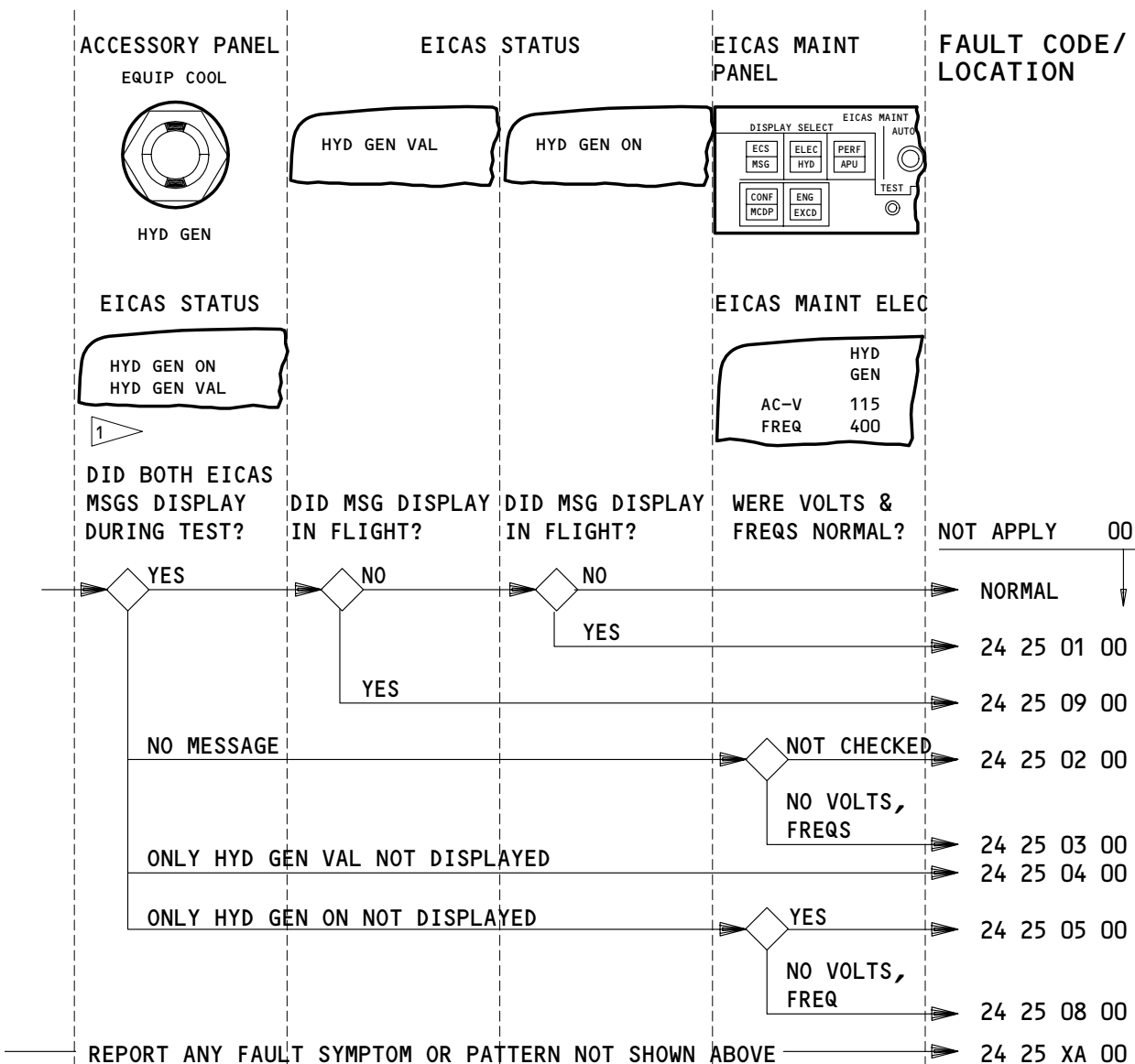
03

ELECTRICAL POWER

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FAULT REPORTING MANUAL



1 REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE
 TO TEST HYD GEN, C HYD SYSTEM MUST BE PRESSURIZED.
 AC VOLTAGE RANGE IS 118±5, FREQ 400±5. READ ON EICAS (MAINT DSPY).

APPLICABLE CIRCUIT BREAKERS

6A7	HYD GEN CONTR POWER	6J24	28V AC R BUS XFR
6D15	115V AC LEFT XFR BUS	6K18	28V AC L BUS XFR
6F18	115V AC RIGHT XFR BUS	11R4	AC BUS SENSE L
6G12	HYD GEN 28V DC POWER	11R31	AC BUS SENSE R

HYD GEN ON, TEST - FAULT CODES

EFFECTIVITY
ALL

128613

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
24 25 01 00	EICAS msg HYD GEN ON displayed during flight.
24 25 09 00	EICAS msg HYD GEN VAL displayed during flight.
24 25 02 00	EICAS msgs HYD GEN VAL & HYD GEN ON did not display during hyd gen test. Volts & freqs not checked.
24 25 03 00	EICAS msgs HYD GEN VAL & HYD GEN ON did not display during hyd gen test. No volts or freqs output.
24 25 04 00	Only EICAS msg HYD GEN VAL not displayed during hyd gen test.
24 25 05 00	Only EICAS msg HYD GEN ON not displayed during hyd gen test. Hyd gen volts & freqs were normal.
24 25 08 00	Only EICAS msg HYD GEN ON not displayed during hyd gen test. No volts or freq output.
24 25 XA 00	Report hyd gen on, test symptoms or patterns along with fault code.

HYD GEN ON, TEST - LOG BOOK REPORTS

EFFECTIVITY

ALL

07

ELECTRICAL POWER

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FAULT REPORTING MANUAL

EQUIPMENT & FURNISHINGS
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106627

EFFECTIVITY

ALL

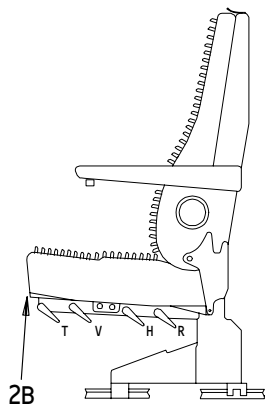
03

**EQUIPMENT &
FURNISHINGS**

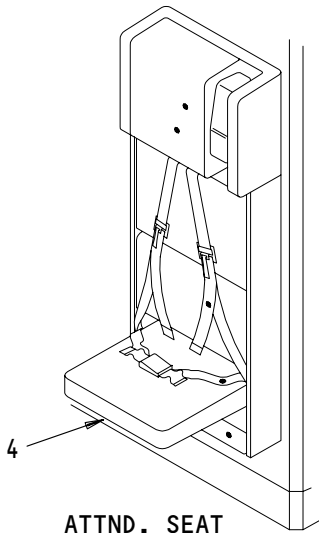
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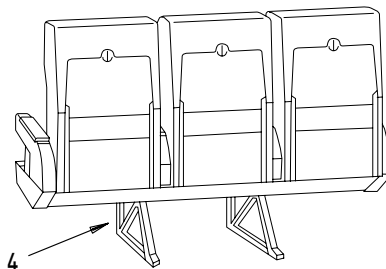
FAULT REPORTING MANUAL



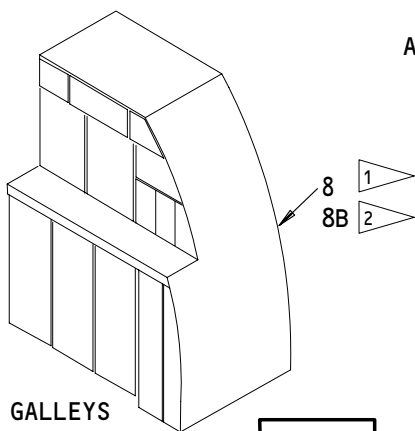
CREW SEAT



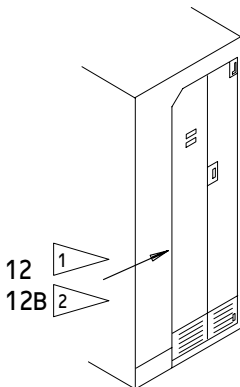
ATTND. SEAT



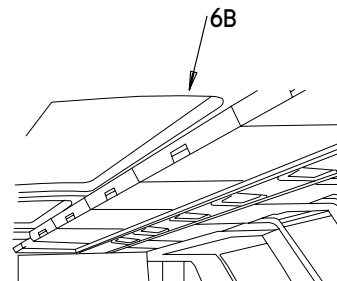
PASSENGER SEAT



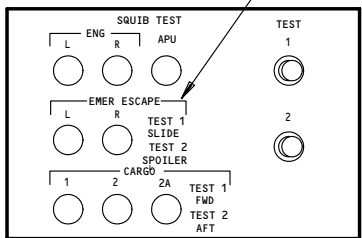
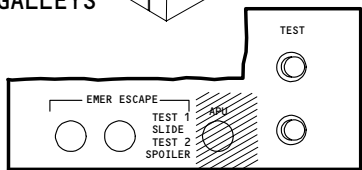
GALLEYS



LAVATORY DOORS,
CLOSETS & STORAGE
COMPTS (TYPICAL)

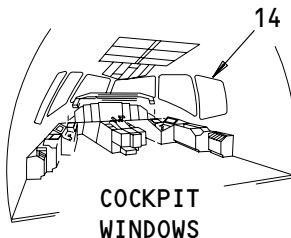


APPEARANCE ITEMS:
OVERHEAD STORAGE
BINS, PSU'S, WINDOWS,
CURTAINS, CARPETS, ETC.

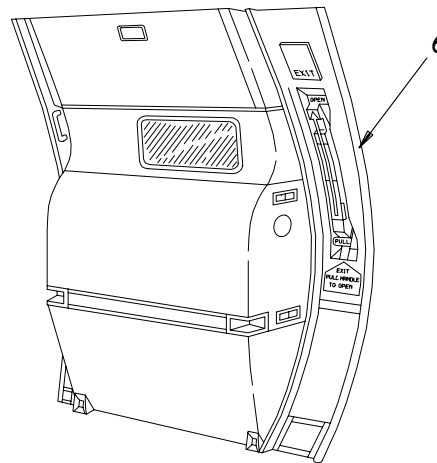


ACCESORY PANEL

- 1 ▽ SAS AIRPLANES
- 2 ▽ MTH AIRPLANES
- 3 ▽ AS INSTALLED



COCKPIT
WINDOWS



ESCAPE SLIDES

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EFFECTIVITY

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OVEN.....	8	1	2
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WATER LEAKS.....	8	1	2
WATER SUPPLY & SINKS	WATER & WASTE		
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LAV STOWAGE COMPTS.....	12	1	2
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PASSENGER.....	6B		
SERVICE DOOR.....	6B		
SHADES.....	6B		

1 SAS AIRPLANES
2 MTH AIRPLANES

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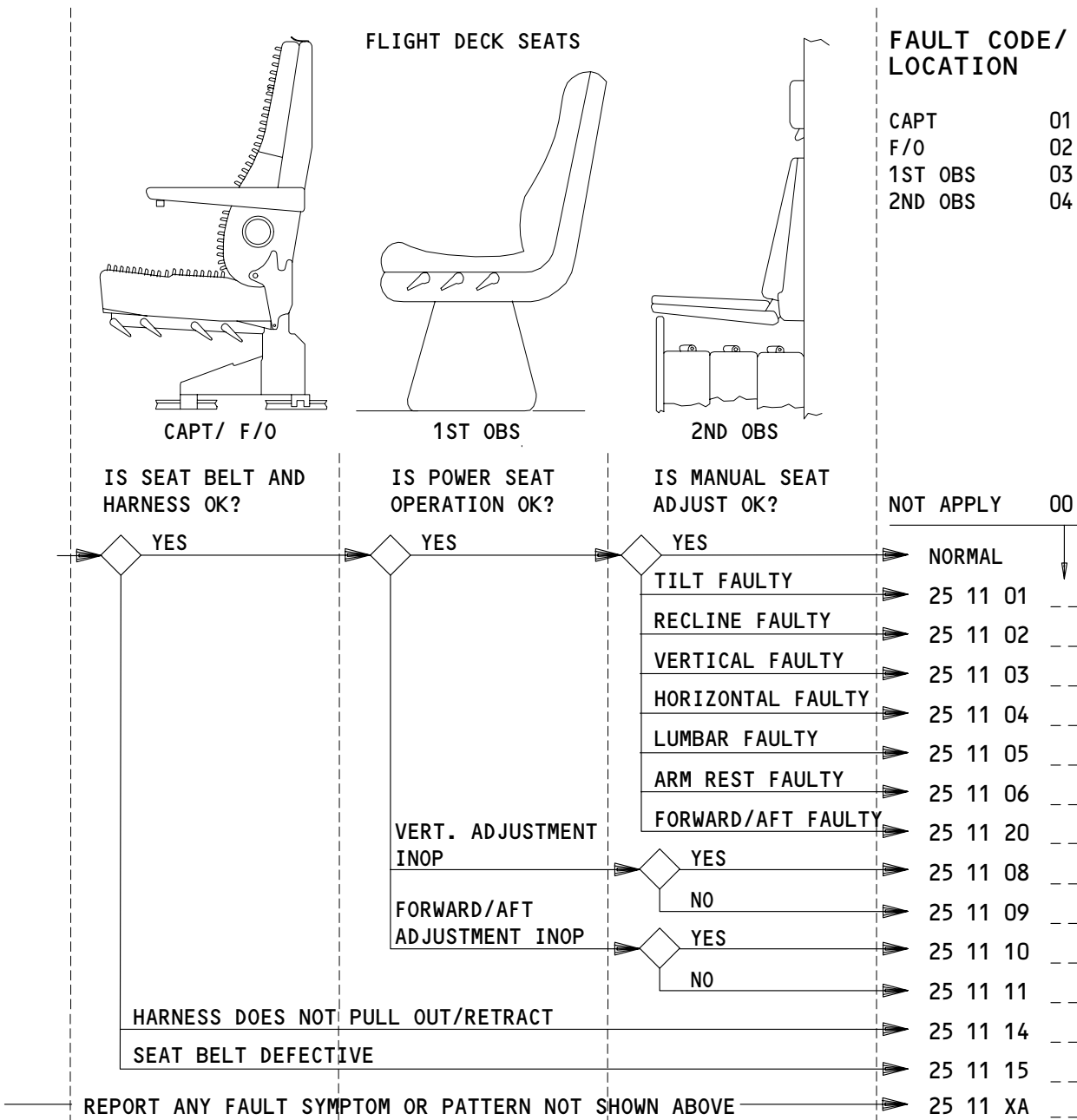
EFFECTIVITY

ALL

**EQUIPMENT &
FURNISHINGS**

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

6H15	CAPT SEAT
6J21	F/O SEAT

FLIGHT CREW SEATS – FAULT CODES

EQUIPMENT & FURNISHINGS

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
25 11 01 __	(01=Capt, 02=F/0) seat tilt adjustment (specify conditions).
25 11 02 __	(01=Capt, 02=F/0, 03=1st obs) seat recline adjustment (specify conditions).
25 11 03 __	(01=Capt, 02=F/0, 03=1st obs) seat vertical adjustment (specify conditions).
25 11 04 __	(01=Capt, 02=F/0, 03=1st obs) seat horizontal adjustment (specify conditions).
25 11 05 __	(01=Capt, 02=F/0) seat lumbar adjustment (specify conditions).
25 11 06 __	(01=Capt, 02=F/0, 03=1st obs) seat arm rest (specify conditions).
25 11 20 __	(01=Capt, 02=F/0, 03=1st obs) forward/aft manual seat adjustment faulty (specify conditons).
25 11 08 __	(01=Capt, 02=F/0) vert. power seat adjustment inoperative. Manual is normal.
25 11 09 __	(01=Capt, 02=F/0,) vert. power seat and manual seat adjustment are inoperative.
25 11 10 __	(01=Capt, 02=F/0,) forward/aft power seat adjustment inoperative. Manual is normal.
25 11 11 __	(01=Capt, 02=F/0,) forward/aft power seat and manual adjustment are inoperative.
25 11 14 __	(01=Capt, 02=F/0, 03=1st obs, 04=2nd obs) Shoulder harness does not (pull out/retract).
25 11 15 __	(01=Capt, 02=F/0, 03=1st obs, 04=2nd obs) seat belt is defective.
25 11 XA __	Report flight crew seat symptoms or patterns along with fault code.

FLIGHT CREW SEATS – LOG BOOK REPORTS

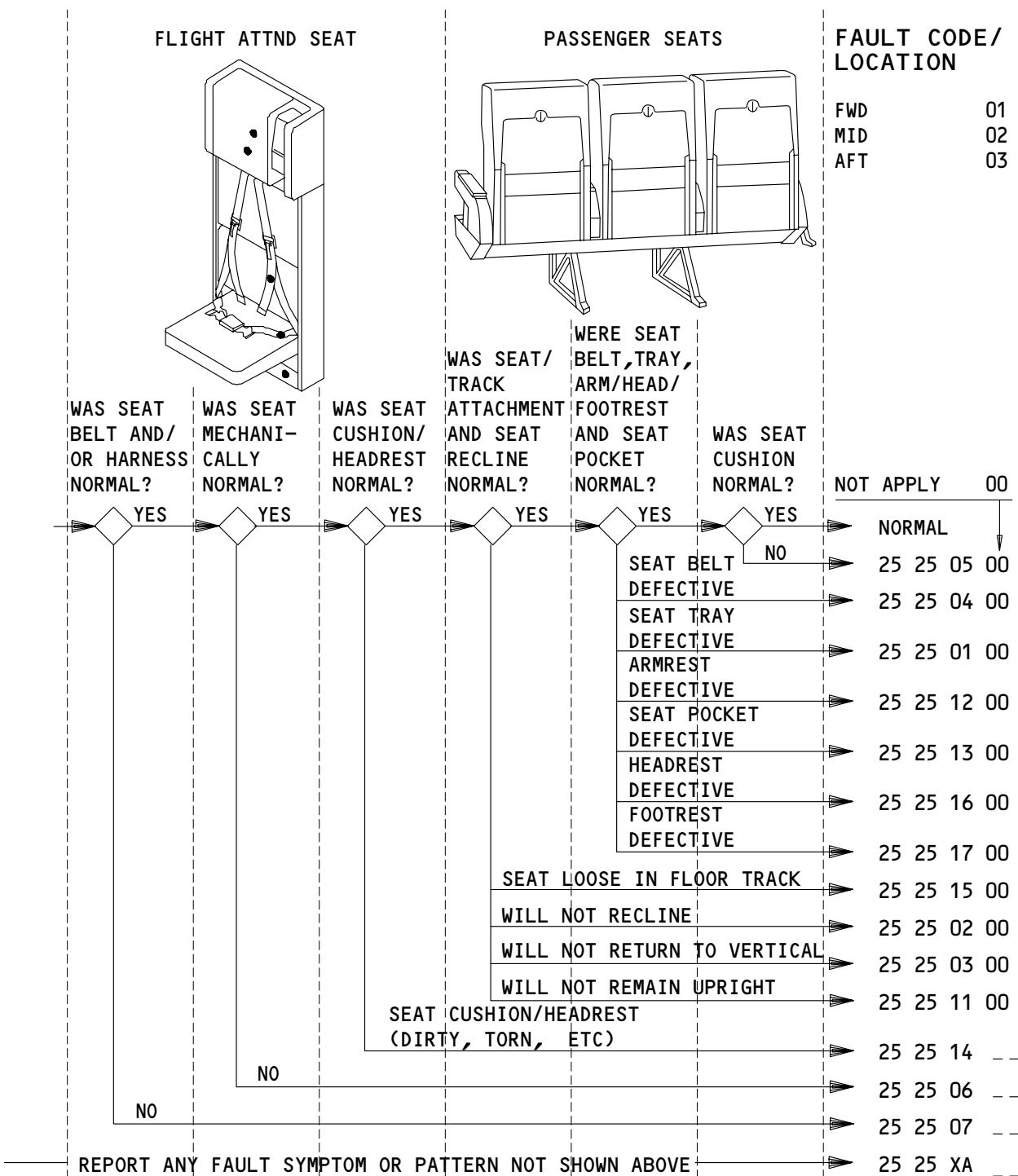
**EQUIPMENT &
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EFFECTIVITY

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS
NONE

FLIGHT ATTND AND PASSENGER SEATS - FAULT CODES

EQUIPMENT & FURNISHINGS

EFFECTIVITY

ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
25 25 05 00	Passenger seat cushion at (locate by seat no.) defective.
25 25 04 00	Passenger seat belt at (locate by seat no.) defective.
25 25 01 00	Passenger seat tray (locate by seat no.) is defective.
25 25 12 00	Passenger armrest (locate by seat no.) defective.
25 25 13 00	Passenger seat back pocket (locate by seat no.) defective.
25 25 16 00	Passenger headrest (locate by seat no.) defective.
25 25 17 00	Passenger footrest (locate by seat no.) defective.
25 25 15 00	Passenger seat assembly is loose in floor track. (locate by seat no.)
25 25 02 00	Passenger seat (locate by seat no.) does not recline.
25 25 03 00	Passenger seat (locate by seat no.) will not return to vertical.
25 25 11 00	Passenger seat (locate by seat no.) will not remain upright.
25 25 14 --	(01=Fwd, 02=Mid, 03=Aft) (left, ctr, right) flt attnd (seat cushion, headrest) is (dirty, torn etc).
25 25 06 --	(01=Fwd, 02=Mid, 03=Aft) (left, ctr, right) flt attnd seat is mechanically defective.
25 25 07 --	(01=Fwd, 02=Mid, 03=Aft) (left, ctr, right) flt attnd (seat belt, harness) is defective.
25 25 XA --	Report Flight Attnd and passenger seats symptoms or patterns along with fault code.

FLIGHT ATTND AND PASSENGER SEATS – LOG BOOK REPORTS

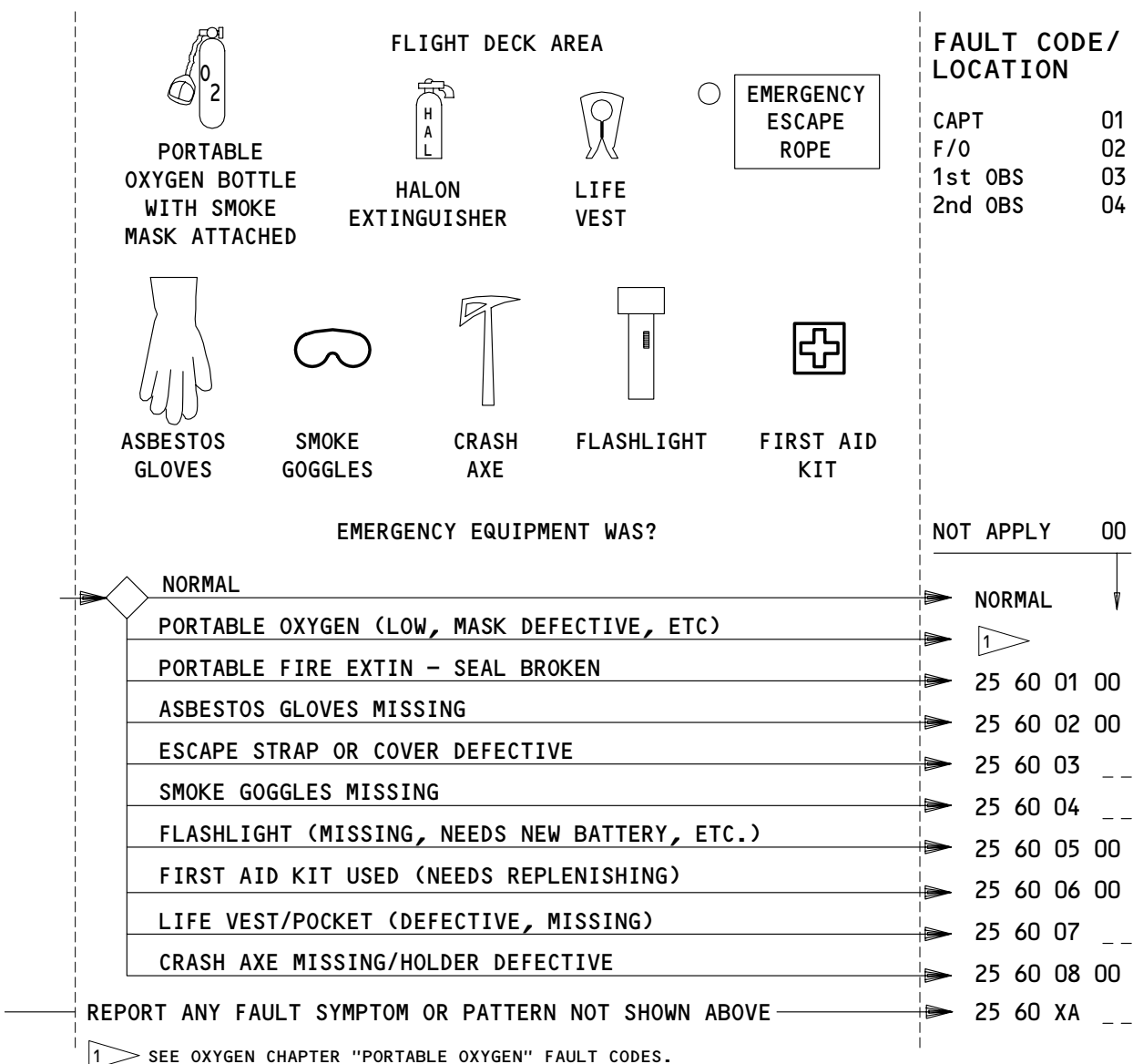
**EQUIPMENT &
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EFFECTIVITY

ALL

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS
NONE

EMERGENCY FLIGHT DECK EQUIPMENT - FAULT CODES

EQUIPMENT & FURNISHINGS

EFFECTIVITY

ALL

03

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
25 60 01 00	Portable fire extin seal broken.
25 60 02 00	Asbestos gloves missing.
25 60 03 __	Escape strap/cover defective at (01=Capt, 02=F/0) position.
25 60 04 __	Smoke goggles missing from (01=Capt, 02=F/0, 03=1st Obs, 04=2nd Obs) position.
25 60 05 00	Flashlight (missing, needs new battery, etc.).
25 60 06 00	First Aid Kit used. Needs replenishing.
25 60 07 __	Life vest/pocket (defective, missing) from (01=Capt, 02=F/0, 03=1st Obs, 04=2nd Obs) position.
25 60 08 00	Crash axe (missing, holder defective).
25 60 XA __	Report Emergency Flight Deck Equipment symptoms or patterns along with fault code.

EMERGENCY FLIGHT DECK EQUIPMENT - LOG BOOK REPORTS

**EQUIPMENT &
FURNISHINGS**

EFFECTIVITY

ALL

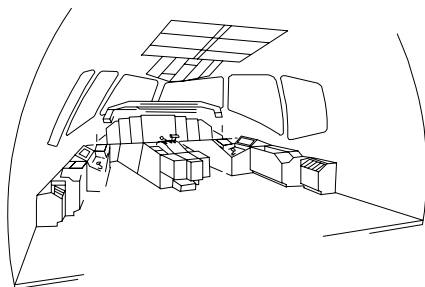
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BOEING 767

FAULT REPORTING MANUAL

FLIGHT DECK AREA



MISCELLANEOUS EQUIPMENT WAS?

FAULT CODE/ LOCATION

CAPT	01
F/O	02
1st OBS	03
2nd OBS	04

NOT APPLY	00
-----------	----

<input type="checkbox"/>	NORMAL	
▶	ASHTRAY (DEFECTIVE/MISSING)	NORMAL
▶	ASSIST HANDLE DEFECTIVE	25 13 01 --
▶	BRIEFCASE STOWAGE DEFECTIVE	25 13 02 --
▶	CHARHOLDER (CONTROL COLUMN) DEFECTIVE	25 13 03 --
▶	CHARHOLDER (SIDEWALL) DEFECTIVE	25 13 04 --
▶	CUPHOLDER DEFECTIVE	25 13 05 --
▶	HATCLIP DEFECTIVE	25 13 06 --
▶	LIBRARY STOWAGE STRAP DEFECTIVE	25 13 07 00
▶	SUNVISOR DEFECTIVE	25 13 08 00
▶	SUNVISOR SLIDE DEFECTIVE	25 13 09 --
▶	WASTE BAG SPRING CLIP DEFECTIVE	25 13 10 --
▶	WASTE BAG SPRING CLIP DEFECTIVE	25 13 11 00
▶	REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE	25 13 XA --
APPLICABLE CIRCUIT BREAKERS NONE		

MISCELLANEOUS FLIGHT DECK EQUIPMENT – FAULT CODES

EQUIPMENT & FURNISHINGS

EFFECTIVITY
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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
25 13 01 __	Ashtray at (01=Capt, 02=F/0, 03=1st Obs, 04=2nd Obs) position (defective/missing).
25 13 02 __	Assist handle at (01=Capt, 02=F/0) position defective.
25 13 03 __	Breifcase stowage at (01=Capt, 02=F/0) position defective.
25 13 04 __	Chartholder - control column at (01=Capt, 02=F/0) position defective.
25 13 05 __	Chartholder - sidewall at (01=Capt, 02=F/0) position defective.
25 13 06 __	Cupholder at (01=Capt, 02=F/0, 03=1st Obs, 04=2nd Obs) position defective.
25 13 07 00	Hatclip defective, describe.
25 13 08 00	Library stowage strap defective.
25 13 09 __	Sunvisor at (01=Capt, 02=F/0) position defective.
25 13 10 __	Sunvisor slider at (01=Capt, 02=F/0) position defective.
25 13 11 00	Waste bag spring clip defective.
25 13 XA __	Report Miscellaneous Flight Deck Equipment symptoms or patterns along with fault codes.

MISCELLANEOUS FLIGHT DECK EQUIPMENT - LOG BOOK REPORTS

**EQUIPMENT &
FURNISHINGS**

EFFECTIVITY

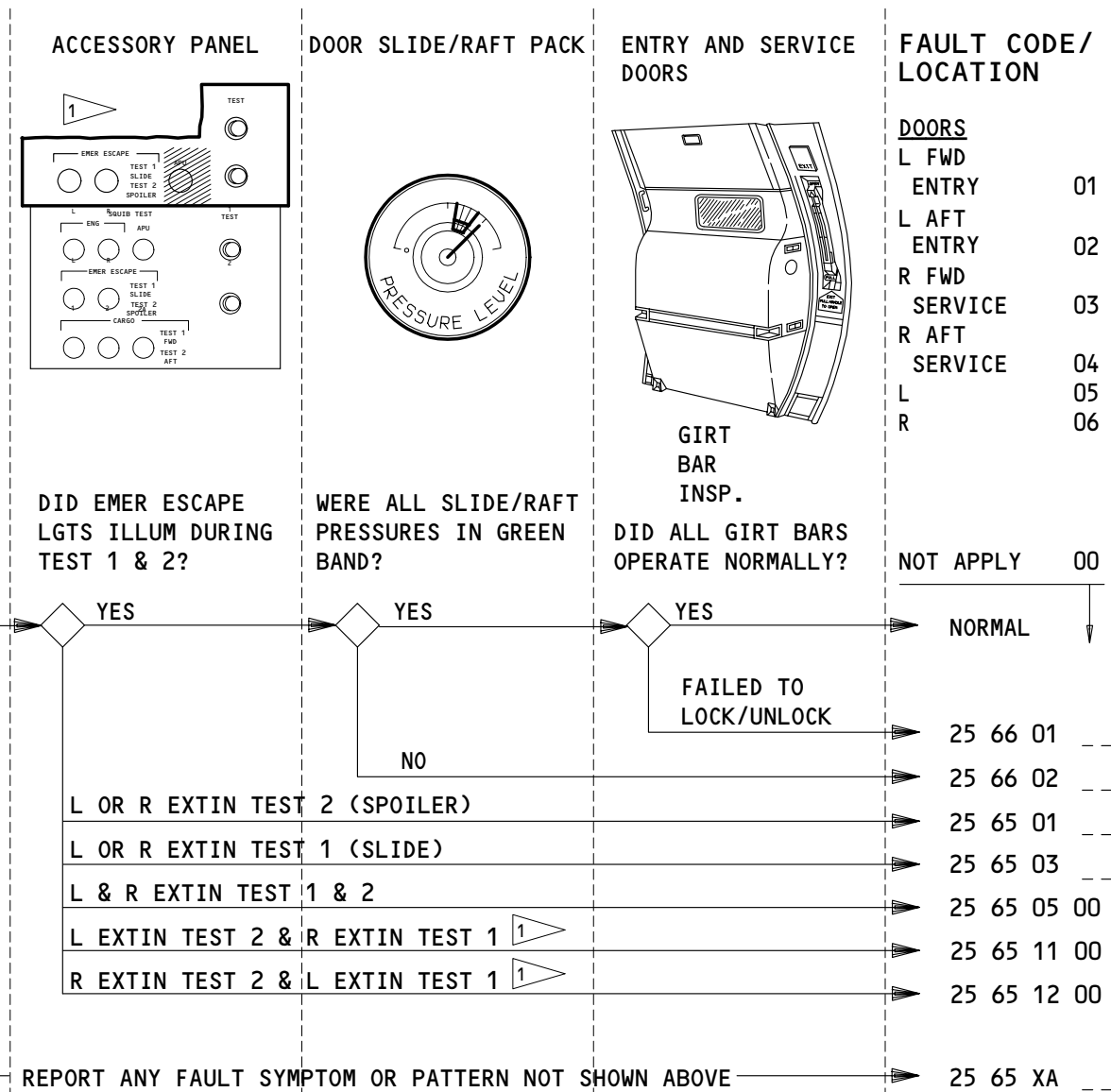
ALL

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FAULT REPORTING MANUAL



1 AS INSTALLED
APPLICABLE CIRCUIT BREAKERS
 11P35 EMER LTS WING ESC L
 11P36 EMER LTS WING ESC R

EMERGENCY ESCAPE SLIDE/RAFT & SQUIB TEST – FAULT CODES

EQUIPMENT & FURNISHINGS

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

25 66 01 __ (01=L fwd entry, 02=L aft entry, 03=R fwd service, 04=R aft service)
door girt bar failed to (lock/unlock).

25 66 02 __ (01=L fwd entry, 02=L aft entry, 03=R fwd service, 04=R aft service)
door slide/raft press not in green band.

25 65 01 __ During squib test 2 (05=L, 06=R) emer. escape spoiler indicator lgt
remained extin.

25 65 03 __ During squib test 1 (05=L, 06=R) emer. escape slide indicator lgt
remained extin.

25 65 05 00 During squib test 1 & 2, L & R emer. escape indicator lgts remained
extin.

25 65 11 00 During squib test 1, R emerg escape slide indicator lgt remained
extin. During test 2, L emerg escape slide indicator lgt remained
extin.

25 65 12 00 During squib test 1, L emerg escape slide indicator lgt remained
extin. During test 2, R emerg escape slide indicator lgt remained
extin.

25 65 XA __ Report emergency escape slide/raft & squib test symptoms or patterns
along with fault code.

EMERGENCY ESCAPE SLIDE/RAFT & SQUIB TEST - LOG BOOK REPORTS

**EQUIPMENT &
FURNISHINGS**

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL

PASSENGER AREA					FAULT CODE/ LOCATION
					FWD 01 MID 02 AFT 03
GALLEY/LAV CURTAINS & CABIN DIVIDERS WERE?	PASSENGER, ENT/SERV DR WINDOWS & SHADES WERE?	FLOOR COVER- ING IN PASS AREA GALLEYS/ LAVS WERE?	OVHD STOWAGE BINS & PASS SERV UNITS WERE?	MAGAZINE BUSTLE & MOVIE SCREEN WERE?	NOT APPLY 00
NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
				MAGAZINE BUSTLE DEFECTIVE	25 28 03 --
				MOVIE SCREEN DEFECTIVE	23 32 42 --
				SIDE BIN DEFECTIVE	25 28 01 00
				CENTER BIN DEFECTIVE	25 28 02 00
				PSU NEEDS REPAIR	25 23 01 00
		PASS CARPET (LOOSE, TORN, DIRTY, WET, ETC)			25 27 01 00
		GALLEY FLOOR COVERING (LOOSE, TORN, DIRTY, WET, ETC)			25 27 02 --
		LAV FLOOR COVERING (LOOSE, TORN, DIRTY, WET, ETC)			25 27 03 --
		SEAT TRACK COVER (LOOSE, MISSING, ETC)			25 27 04 00
	PASS WINDOW (CRACKED, CRAZED, FOGGED, DIRTY, ETC)				56 21 02 00
	ENT DR WINDOW (CRACKED, CRAZED, FOGGED, DIRTY, ETC)				56 31 01 --
	SERVICE DR WINDOW (CRACKED, CRAZED, FOGGED, DIRTY, ETC)				56 31 02 --
	WINDOW SHADE (HARD TO OPEN/CLOSE, TORN, MISSING, ETC)				25 21 01 00
	CURTAINS DEFECTIVE				25 24 10 --
	CABIN DIVIDER (CLASS DIVIDER) DEFECTIVE				25 24 11 00
	REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE				25 28 XB --
APPLICABLE CIRCUIT BREAKERS					
NONE					

APPEARANCE ITEMS - FAULT CODES

EQUIPMENT & FURNISHINGS

EFFECTIVITY

ALL

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
25 28 03 __	(01=Fwd, 02=Mid, 03=Aft) area magazine bustle defective.
23 32 42 __	(01=Fwd, 02=Mid, 03=Aft) movie screen defective.
25 28 01 00	Side ovhd stowage bin at (locate by seat no.) has (describe problem: hinge loose/broken, latch inop, lock inop, door sticks, etc).
25 28 02 00	Center ovhd stowage bin at (locate by seat no.) has (describe problem: hinge loose/broken, latch inop, lock inop, door sticks, etc).
25 23 01 00	PSU at (locate by seat no.) damaged.
25 27 01 00	Carpet in passenger area (locate by seat no.) is (describe condition: loose, torn, dirty, wet, etc).
25 27 02 __	Floor covering in (01=Fwd, 02=Mid, 03= Aft) galley is (describe condition: loose, torn, dirty, wet, etc).
25 27 03 __	Floor covering in (01=Fwd, 02=Mid, 03= Aft) lav is (describe condition: loose, torn, dirty, wet, etc).
25 27 04 00	Vinyl seat track cover at (locate by seat no.) is (describe condition: loose, missing, etc).
56 21 02 00	Passenger window at (locate by seat no.) is (describe condition: cracked, crazed, fogged, dirty, etc).
56 31 01 __	(01=Fwd, 03=Aft) passenger entry door window is (describe condition: cracked, crazed, fogged, dirty, etc).
56 31 02 __	(01=Fwd, 03=Aft) passenger service door window is (describe condition: cracked, crazed, fogged, dirty, etc).
25 21 01 00	Passenger window shade at (locate by seat no.) is (describe condition: hard to open/close, torn, missing, etc).
25 24 10 __	Curtain at (01=Fwd, 02=Mid, 03=Aft) (galley, lav) is (describe condition: torn, soiled, coming off track, etc).
25 24 11 00	Cabin divider (class divider) defective. Describe condition.
25 28 XB __	Report appearance items symptoms or patterns along with fault code.

APPEARANCE ITEMS - LOG BOOK REPORTS

**EQUIPMENT &
FURNISHINGS**

EFFECTIVITY

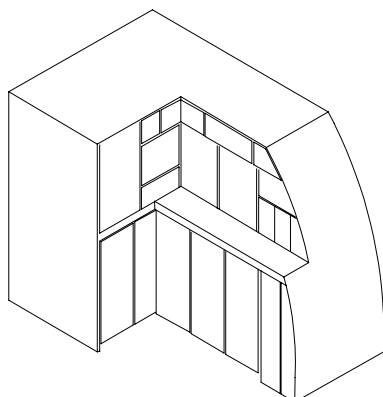
ALL

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FAULT REPORTING MANUAL

GALLEY (TYPICAL)



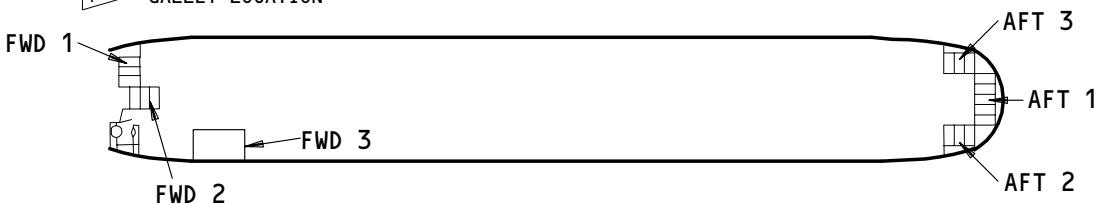
**FAULT CODE/
LOCATION**

GALLEYS		1
FWD 1		01
FWD 2		02
FWD 3		03
AFT 1		04
AFT 2		05
AFT 3		06

WAS THE GALLEY EQUIPMENT IN GOOD COND & OPERATING NORMALLY?

	NOT APPLY	00
YES	NORMAL	↓
OVEN DEFECTIVE	25 31 06	--
COFFEE MAKER DEFECTIVE	25 31 03	--
WATER BOILER DEFECTIVE	25 31 01	04
WATER LEAK (COFFEMAKER/WATERBOILER)	25 31 02	--
WATER LEAK (OTHER AREAS)	25 31 13	--
(STOWAGE, WASTE) COMPTS DEFECTIVE	25 31 21	--
CART (TRAY, BEVERAGE) NEEDS REPAIR	25 31 17	--
HOT CUP INOP	25 31 16	--
2 NO GALLEY POWER, ALL GALLEYS	25 31 19	00
NO GALLEY POWER, SINGLE GALLEY	25 31 20	--
REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE	25 31 XA	--

1 GALLEY LOCATION



2 GALLEY POWER MAY BE LOST DUE TO AUTOMATIC LOAD SHEDDING REQUIREMENTS.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11U7	GALLEYS AFT
11U33	GALLEY FWD

GALLEY - FAULT CODES

EFFECTIVITY
SAS AIRPLANES

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
25 31 06 __	Oven at (01=fwd 1, 03=aft 1) galley (describe defect).
25 31 03 __	Coffee maker at (01=fwd 1, 02=fwd 2, 03=fwd 3, 04=aft 1, 05=aft 2, 06=aft 3) galley (describe defect).
25 31 01 04	Water boiler defective at aft 2 galley (describe defect).
25 31 02 __	Coffee maker/water boiler water leak at (01=fwd 1, 02=fwd 2, 03=fwd 3, 04=aft 1, 05=aft 2, 06=aft 3) galley.
25 31 13 __	Water leak at (01=fwd 1, 02=fwd 2, 03=fwd 3, 04=aft 1, 05=aft 2, 06=aft 3) galley.
25 31 21 __	(Stowage, Waste) compartment in (01=fwd 1, 02=fwd 2, 03=fwd 3, 04=aft 1, 05=aft 2, 06=aft 3) galley defective.
25 31 17 __	(Tray, Beverage) cart at (01=fwd 1, 02=fwd 2, 03=aft 1, 04=aft 2, 05=aft 3) galley (describe defect).
25 31 16 __	Hot cup at (02=fwd 2, 05=Aft 2) galley inop.
25 31 19 00	No galley pwr at all galleys.
25 31 20 __	No pwr at (01=fwd 1, 02=fwd 2, 03=fwd 3, 04=aft 1, 05=aft 2, 06=aft 3) galley.
25 31 XA __	Report galley symptoms or patterns along with fault code.

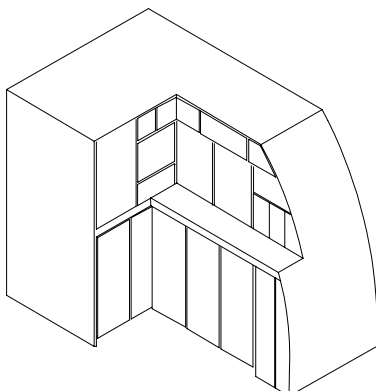
GALLEY - LOG BOOK REPORTS

EFFECTIVITY
SAS AIRPLANES

BOEING 767

FAULT REPORTING MANUAL

GALLEY (TYPICAL)



**FAULT CODE/
LOCATION**

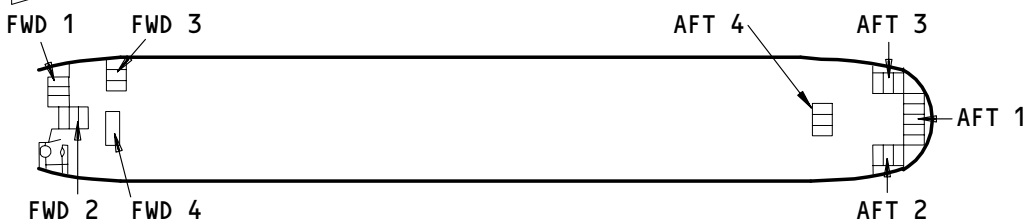
<u>GALLEYS</u> 1	
FWD 1	01
FWD 2	02
FWD 3	03
FWD 4	04
AFT 1	05
AFT 2	06
AFT 3	07
AFT 4	08

WAS THE GALLEY EQUIPMENT IN GOOD COND & OPERATING NORMALLY?

NOT APPLY 00

<input type="checkbox"/> YES		NORMAL
	OVEN DEFECTIVE	25 31 06
	COFFEEMAKER DEFECTIVE	25 31 03
	WATER LEAK (COFFEMAKER)	25 31 02
	WATER LEAK (OTHER AREAS)	25 31 13
	(STOWAGE, WASTE) COMPTS DEFECTIVE	25 31 21
	CART (ENTREE, TRAY, BEVERAGE) NEEDS REPAIR	25 31 17
	ENTREE CART HEATER INOP	25 31 04 02
	HOT CUP INOP	25 31 16
	NO GALLEY POWER, ALL GALLEYS 2	25 31 19 00
	NO GALLEY POWER, SINGLE GALLEY	25 31 20
	REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE	25 31 XA

1 GALLEY LOCATION



2 GALLEY POWER MAY BE LOST DUE TO AUTOMATIC LOAD SHEDDING REQUIREMENTS.

APPLICABLE CIRCUIT BREAKERS

11T2

ENG START LD SHD RESET

11U7

GALLEYS AFT

11U33

GALLEY FWD

GALLEY - FAULT CODES

EFFECTIVITY
MTH AIRPLANES

EQUIPMENT & FURNISHINGS

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
25 31 06 __	Oven at (02=fwd 2, 05=aft 1) galley (describe defect).
25 31 03 __	Coffeemaker at (01=fwd 1, 05=aft 1, galley (describe defect).
25 31 02 __	Coffeemaker water leak at (01=fwd 1, 05=aft 1) galley.
25 31 13 __	Water leak at (01=fwd 1, 02=fwd 2, 05=aft 1, 06=aft 2, 07=aft 3) galley.
25 31 21 __	(Stowage, Waste) compartment in (01=fwd 1, 02=fwd 2, 03=fwd 3, 04=fwd 4, 05=aft 1, 06=aft 2, 07=aft 3, 08=aft 4) galley defective.
25 31 17 __	(Entree, Tray, Beverage) cart at (01=fwd 1, 02=fwd 2, 05=aft 1, 06=aft 2, 07=aft 3, 08=aft 4) galley (describe defect).
25 31 04 02	Entree cart heater at galley inop.
25 31 16 __	Hot cup at (03=fwd 3, 05=aft 1) galley inop.
25 31 19 00	No galley pwr at all galleys.
25 31 20 __	No pwr at (01=fwd 1, 02=fwd 2, 03=fwd 3, 04=fwd 4, 05=aft 1, 06=aft 2, 07=aft 3, 08=aft 4) galley.
25 31 XA __	Report galley symptoms or patterns along with fault code.

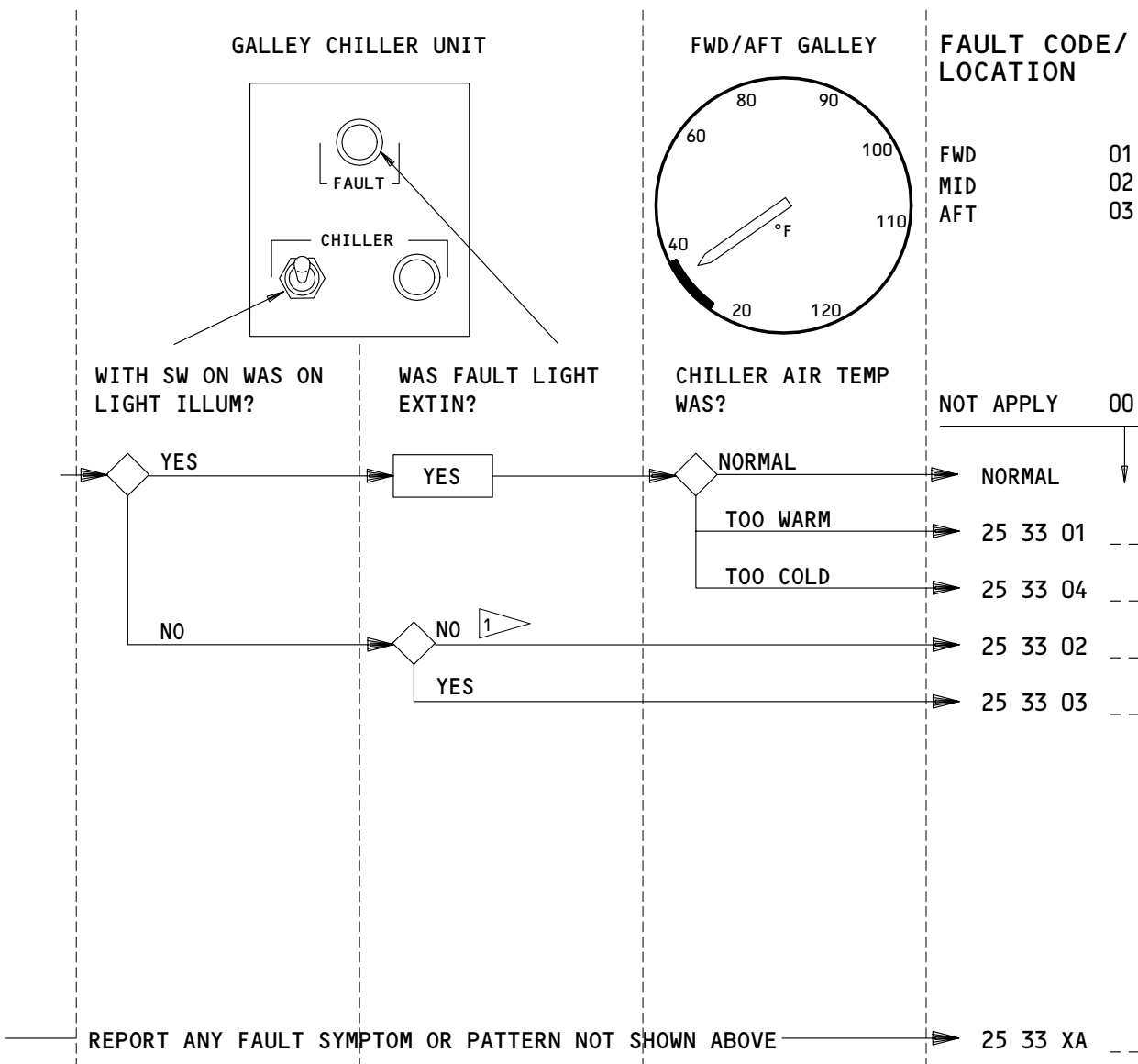
GALLEY - LOG BOOK REPORTS

EFFECTIVITY
MTH AIRPLANES

**EQUIPMENT &
FURNISHINGS**

BOEING 767

FAULT REPORTING MANUAL



1 IF CHILLER ELECTRICAL POWER IS INTERRUPTED, FAULT LIGHT WILL ILLUM WHEN POWER IS RESTORED. AFTER FIVE MINUTE DELAY THE FAULT LIGHT WILL EXTIN AND CHILLER WILL START UP.

APPLICABLE CIRCUIT BREAKERS

11U7	GALLEY AFT
11U33	GALLEY FWD

GALLEY CHILLER – FAULT CODES

EFFECTIVITY

ALL

**EQUIPMENT &
FURNISHINGS**

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
25 33 01 __	(01=Fwd, 02=MID, 03=Aft) galley chiller air temp too warm.
25 33 04 __	(01=Fwd, 02=MID, 03=Aft) galley chiller air temp too cold.
25 33 02 __	(01=Fwd, 02=MID, 03=Aft) galley chiller FAULT light is illum.
25 33 03 __	(01=Fwd, 02=Aft, 03=Aft) galley chiller ON & FAULT light extin with sw ON.
25 33 XA __	Report galley chiller symptoms or patterns along with fault code.

GALLEY CHILLER - LOG BOOK REPORTS

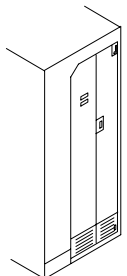
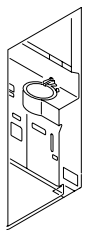
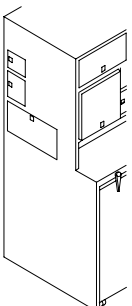
EFFECTIVITY

ALL

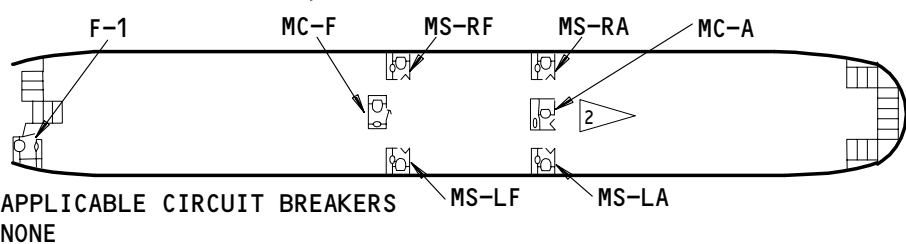
**EQUIPMENT &
FURNISHINGS**

BOEING 767

FAULT REPORTING MANUAL

LAVATORY DOORS (TYPICAL)	LAV STORAGE COMPT DOORS (TYPICAL)	(CLOSETS)	FAULT CODE/ LOCATION
			LAVATORIES ¹
WERE LAVATORY DOORS NORMAL?	WERE LAV STOW-AGE COMPT DOORS NORMAL?	WERE OTHER MISC STORAGE COMPTS IN MAIN CABIN NORMAL?	F-1 01
YES	YES	YES	MS-LF 28
			MC-F 25
			MS-RF 31
			MS-LA 27
			MC-A ² 24
			MS-RA 30
			CLOSETS
			FWD 90
			MID 91
			AFT 92
			NOT APPLY 00
		WERE CLOSET DOORS NORMAL?	
		YES	NORMAL
		WILL NOT STAY SHUT	25 24 19
		DIFFICULT TO OPEN	25 24 20
		HANDLE (LOOSE, CAME OFF, ETC)	25 24 21
		SEAL (LOOSE, WARPED, ETC)	25 24 22
		FLOOR MTD STWG DEFECTIVE	25 24 13 00
		MISC STWG COMPT DEFECTIVE	25 24 14 00
		WILL NOT STAY SHUT	25 41 08
		DIFFICULT TO OPEN	25 41 09
		HINGE (LOOSE, BROKEN, ETC)	25 41 10
		LATCH (BROKEN, INOP, ETC)	25 41 11
		SEAL (LOOSE, WARPED, ETC)	25 41 12
		BIFOLD DOOR DOES NOT CLOSE AUTOMATICALLY	25 41 15
		WILL NOT STAY SHUT	25 41 02
		JAMS IN TRACK	25 41 14
		DIFFICULT TO OPEN	25 41 03
		HANDLE (LOOSE, CAME OFF, ETC)	25 41 04
		(OCCUPIED, VACANT) SIGN DEFECTIVE	25 41 13
		LOCK (BROKEN, INOP, ETC)	25 41 05
		SEAL (LOOSE, WARPED, ETC)	25 41 06
		REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE	25 41 XA

¹ LAVATORY LOCATIONS ² -300 AIRPLANES



LAVATORY DOORS, CLOSETS & STOWAGE COMPTS - FAULT CODES

EQUIPMENT & FURNISHINGS

EFFECTIVITY
SAS AIRPLANES

336127

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
25 24 19 --	(90=Fwd, 91=Mid, 92=Aft) closet door will not stay shut.
25 24 20 --	(90=Fwd, 91=Mid, 92=Aft) closet door difficult to open.
25 24 21 --	(90=Fwd, 91=Mid, 92=Aft) closet door handle defective. (Describe problem: loose, came off, etc).
25 24 22 --	(90=Fwd, 91=Mid, 92=Aft) closet door seal defective. (Describe problem: loose, warped, etc).
25 24 13 00	Floor mtd stowage at (locate by seat no.) is defective (describe problem: latch inop, door sticks, etc).
25 24 14 00	Miscellaneous stowage compt (locate by galley, lav, divider, etc) defective.
25 41 08 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav stowage compt door will not stay shut.
25 41 09 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav stowage compt door difficult to open.
25 41 10 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav stowage compt door hinge (loose, broken, etc).
25 41 11 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav stowage compt door latch (broken, inop, etc).
25 41 12 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav stowage compt door seal loose, warped etc).
25 41 15 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav bi-fold door does not close automatically.
25 41 02 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav door will not stay shut.
25 41 14 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav door jams in track.
25 41 03 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav door difficult to open.
25 41 04 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav door handle (loose, came off, etc).
25 41 13 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav (occupied, vacant) sign defective.
25 41 05 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav door lock (broken, inop, etc).
25 41 06 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav door seal (loose, missing, etc).
25 41 XA --	Report lavatory doors, closets & stowage compts symptoms or patterns along with fault codes.

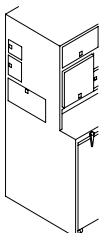
LAVATORY DOORS, CLOSETS & STOWAGE COMPTS - LOG BOOK REPORTS

**EQUIPMENT &
FURNISHINGS**

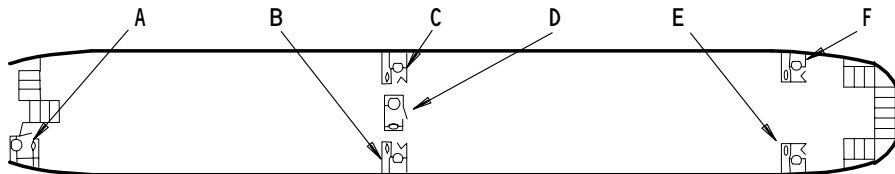
EFFECTIVITY
SAS AIRPLANES

BOEING 767

FAULT REPORTING MANUAL

			(CLOSETS)	FAULT CODE/ LOCATION
LAVATORY DOORS (TYPICAL)	LAV STOWAGE COMPT DOORS (TYPICAL)			LAVATORIES ¹
WERE LAVATORY DOORS NORMAL?	WERE LAV STOW- AGE COMPT DOORS NORMAL?	WERE OTHER MISC STOWAGE COMPTS IN MAIN CABIN NORMAL?	WERE CLOSET DOORS NORMAL?	A 61 B 62 C 63 D 64 E 65 F 66
YES	YES	YES	YES	CLOSETS
			WILL NOT STAY SHUT	FWD 90
			DIFFICULT TO OPEN	MID 91
			HANDLE (LOOSE, CAME OFF, ETC)	AFT 92
			SEAL (LOOSE, WARPED, ETC)	NOT APPLY 00
			FLOOR MTD STWG DEFECTIVE	
			MISC STWG COMPT DEFECTIVE	
			WILL NOT STAY SHUT	
			DIFFICULT TO OPEN	
			HINGE (LOOSE, BROKEN, ETC)	
			LATCH (BROKEN, INOP, ETC)	
			SEAL (LOOSE, WARPED, ETC)	
			BIFOLD DOOR DOES NOT CLOSE AUTOMATICALLY	
			WILL NOT STAY SHUT	
			JAMS IN TRACK	
			DIFFICULT TO OPEN	
			HANDLE (LOOSE, CAME OFF, ETC)	
			(OCCUPIED, VACANT) SIGN DEFECTIVE	
			LOCK (BROKEN, INOP, ETC)	
			SEAL (LOOSE, WARPED, ETC)	
			REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE	

¹ LAVATORY LOCATIONS



APPLICABLE CIRCUIT BREAKERS
NONE

LAVATORY DOORS, CLOSETS & STOWAGE COMPTS - FAULT CODES

EQUIPMENT & FURNISHINGS

EFFECTIVITY
MTH AIRPLANES

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
25 24 19 --	(90=Fwd, 91=Mid, 92=Aft) closet door will not stay shut.
25 24 20 --	(90=Fwd, 91=Mid, 92=Aft) closet door difficult to open.
25 24 21 --	(90=Fwd, 91=Mid, 92=Aft) closet door handle defective. (Describe problem: loose, came off, etc).
25 24 22 --	(90=Fwd, 91=Mid, 92=Aft) closet door seal defective. (Describe problem: loose, warped, etc).
25 24 13 00	Floor mtd stowage at (locate by seat no.) is defective (describe problem: latch inop, door sticks, etc).
25 24 14 00	Miscellaneous stowage compt (locate by galley, lav, divider, etc) defective.
25 41 08 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav stowage compt door will not stay shut.
25 41 09 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav stowage compt door difficult to open.
25 41 10 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav stowage compt door hinge (loose, broken, etc).
25 41 11 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav stowage compt door latch (broken, inop, etc).
25 41 12 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav stowage compt door seal loose, warped etc).
25 41 15 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav bi-fold door does not close automatically.
25 41 02 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav door will not stay shut.
25 41 14 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav door jams in track.
25 41 03 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav door difficult to open.
25 41 04 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav door handle (loose, came off, etc).
25 41 13 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav (occupied, vacant) sign defective.
25 41 05 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav door seal (broken, inop, etc).
25 41 06 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F,) lav door seal (loose, missing, etc).
25 41 XA --	Report lavatory doors, closets & stowage compts symptoms or patterns along with fault codes.

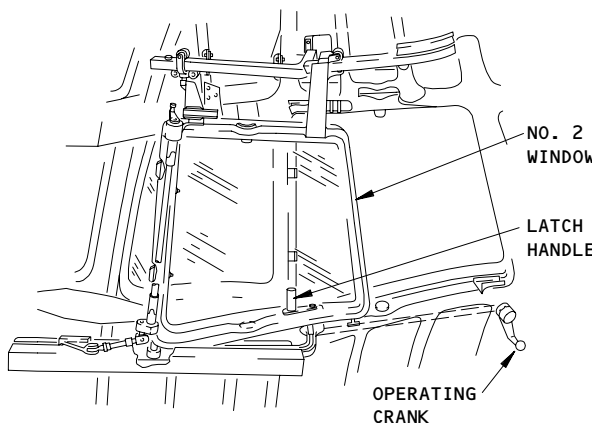
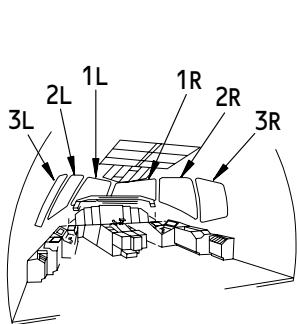
LAVATORY DOORS, CLOSETS & STOWAGE COMPTS – LOG BOOK REPORTS

**EQUIPMENT &
FURNISHINGS**

EFFECTIVITY MTH AIRPLANES

BOEING 767

FAULT REPORTING MANUAL



FAULT CODE/ LOCATION

1L	01
2L	02
3L	03
1R	04
2R	05
3R	06

CONDITION OF GLASS WAS—	EVIDENCE OF AIR LEAKAGE?	NO. 2 WINDOW OPERATING MECHANISM WAS—	NOT APPLY	00
<p style="text-align: center;">NORMAL</p> <p>DELAMINATION</p> <p>CRACKED</p> <p>CHIPPED</p> <p>CRAZED</p> <p>SCRATCHED</p> <p>BUBBLES</p> <p>NEEDS CLEANING</p>	<p style="text-align: center;">NO</p> <p>YES</p>	<p style="text-align: center;">NORMAL</p> <p>DIFFICULT TO LATCH</p> <p>DIFFICULT TO UNLATCH</p> <p>CRANK BINDING TOWARD OPEN</p> <p>CRANK BINDING TOWARD CLOSE</p>	<p>NORMAL</p> <p>56 11 01</p> <p>56 11 02</p> <p>56 11 03</p> <p>56 11 04</p> <p>56 11 05</p> <p>56 11 06</p> <p>56 11 07</p> <p>56 11 08</p> <p>56 11 09</p> <p>56 11 10</p> <p>56 11 11</p> <p>56 11 12 00</p>	<p>00</p> <p>↓</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p>
<p>REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE</p>			<p>56 11 XA</p>	<p>—</p>

APPLICABLE CIRCUIT BREAKERS

NONE

COCKPIT WINDOW — FAULT CODES

EQUIPMENT & FURNISHINGS

EFFECTIVITY

ALL

05

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
56 11 01 __	(02=2L, 05=2R) Window difficult to latch.
56 11 02 __	(02=2L, 05=2R) Window difficult to unlatch.
56 11 03 __	(02=2L, 05=2R) Window crank binding toward open.
56 11 04 __	(02=2L, 05=2R) Window crank binding toward close.
56 11 05 __	Evidence of air leakage at (02=2L, 05=2R) window. (Describe area if possible.)
56 11 06 __	(01=1L, 02=2L, 03=3L, 04=1R, 05=2R, 06=3R) window has delamination. (Describe size and area.)
56 11 07 __	(01=1L, 02=2L, 03=3L, 04=1R, 05=2R, 06=3R) window has crack. (Describe.)
56 11 08 __	(01=1L, 02=2L, 03=3L, 04=1R, 05=2R, 06=3R) window is chipped. (Locate area.)
56 11 09 __	(01=1L, 02=2L, 03=3L, 04=1R, 05=2R, 06=3R) window is crazed. (Locate area.)
56 11 10 __	(01=1L, 02=2L, 03=3L, 04=1R, 05=2R, 06=3R) window is scratched. (Describe.)
56 11 11 __	(01=1L, 02=2L, 03=3L, 04=1R, 05=2R, 06=3R) window has bubbles forming. (Describe area.)
56 11 12 00	Windows need cleaning.
56 11 XA __	Report cockpit window symptoms or patterns along with fault code.

COCKPIT WINDOW - LOG BOOK REPORTS

EFFECTIVITY

ALL

05

**EQUIPMENT &
 FURNISHINGS**

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BOEING 767
FAULT REPORTING MANUAL

FIRE PROTECTION

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BODY DUCT LEAK	PNEUMATICS
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CARGO DET AIR	4
(FWD, AFT) CARGO DET (1,2)	4
(FWD, AFT) CARGO FIRE	6,16
(FWD, AFT) CARGO OVHT	AIR CONDITIONING
(L,R) ENG BLD OVHT	PNEUMATICS
ENG BTL (1,2)	22
(L,R) ENGINE FIRE	6,10
(L,R) ENG FIRE LP (1,2)	4
(L,R) ENG HPSOV	PNEUMATICS
(L,R) ENG OVHT	6,12
(L,R) ENG OH LP (1,2)	4
(L,R) ENG PRV	PNEUMATICS
FIRE/OVHT SYS	4
FWD EQPT OVHT	AIR CONDITIONING
FWD EQPT SMOKE	AIR CONDITIONING
(L,R) STRUT DUCT LEAK	PNEUMATICS
WHEEL WELL FIRE	18

EICAS MESSAGES

EFFECTIVITY

ALL

45

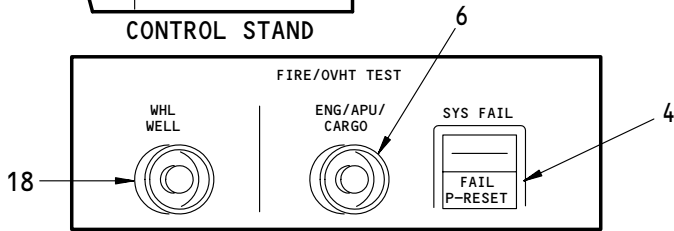
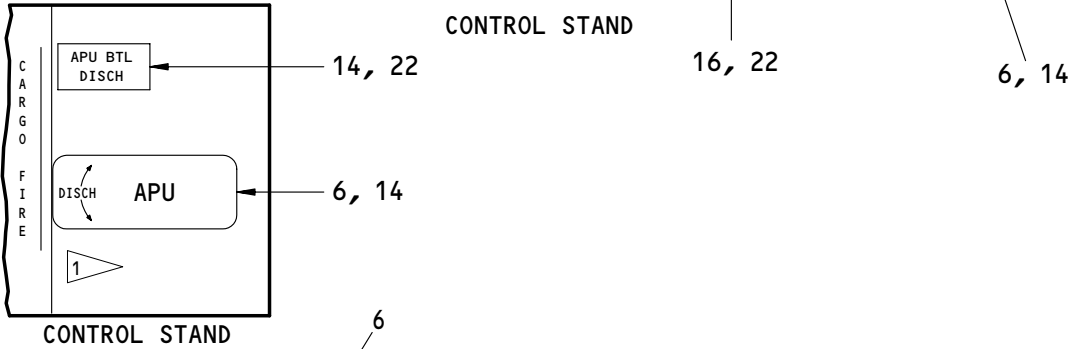
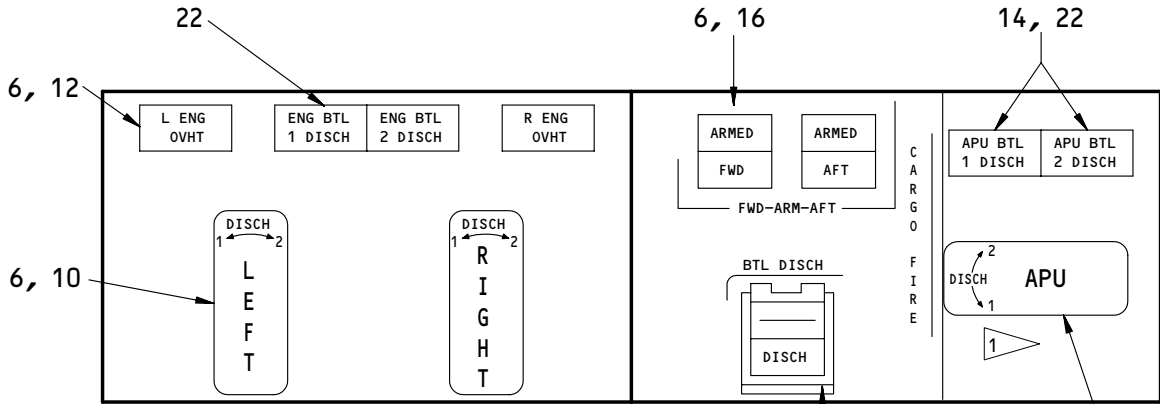
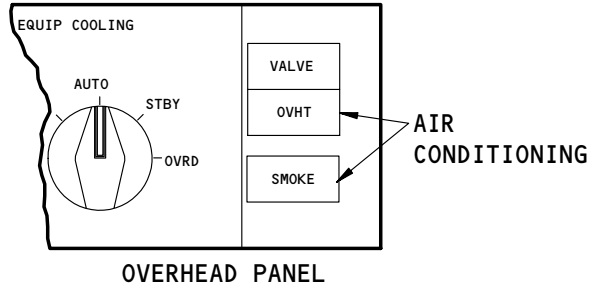
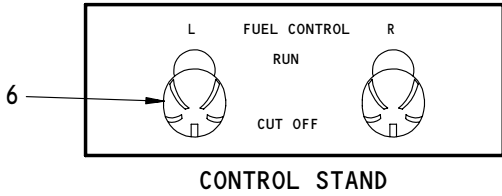
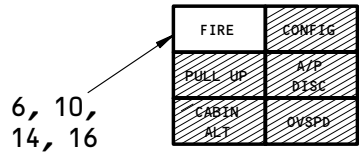
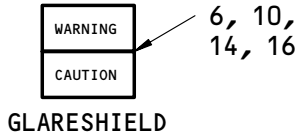
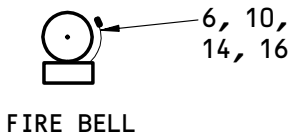
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BOEING 767

FAULT REPORTING MANUAL



1 AS INSTALLED

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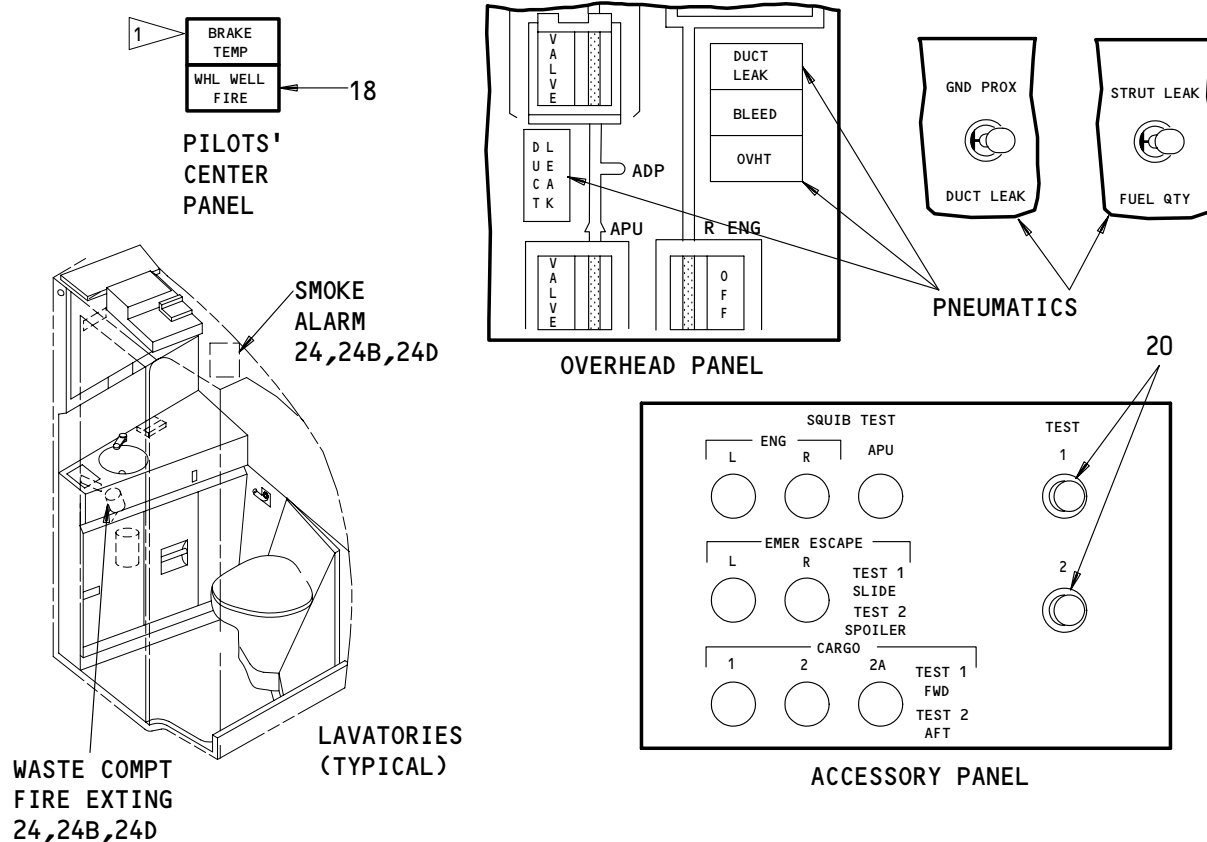
36

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1 AS INSTALLED

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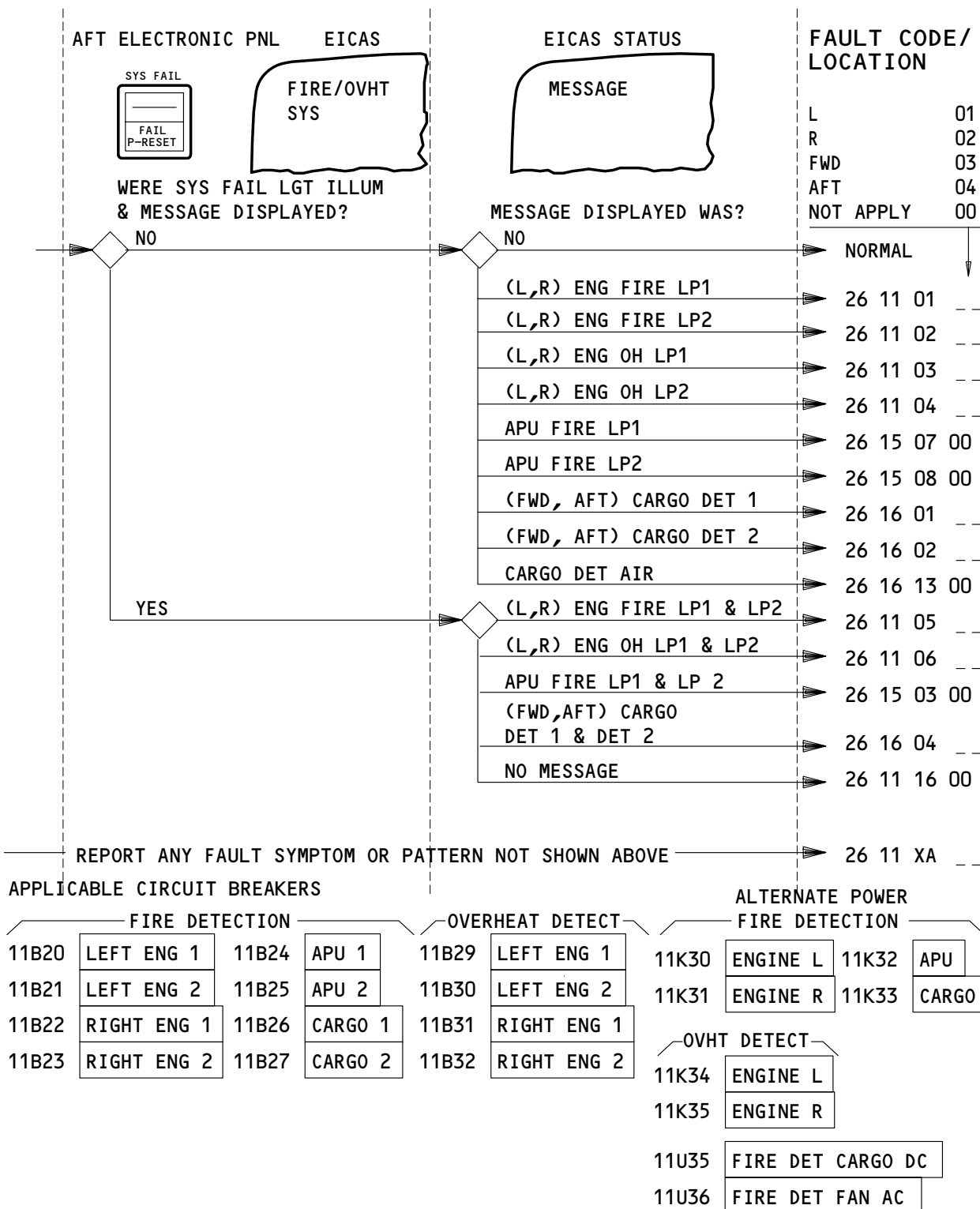
EFFECTIVITY

ALL

FIRE PROTECTION

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FAULT REPORTING MANUAL



FIRE/OVHT DETECTOR (ENG, APU, CARGO) - FAULT CODES

EFFECTIVITY
ALL

FIRE PROTECTION

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
26 11 01 __	EICAS status msg: (01=L, 02=R) ENG FIRE LP1 displayed.
26 11 02 __	EICAS status msg: (01=L, 02=R) ENG FIRE LP2 displayed.
26 11 03 __	EICAS status msg: (01=L, 02=R) ENG OH LP1 displayed.
26 11 04 __	EICAS status msg: (01=L, 02=R) ENG OH LP2 displayed.
26 15 07 00	EICAS status msg: APU FIRE LP1 displayed.
26 15 08 00	EICAS status msg: APU FIRE LP2 displayed.
26 16 01 __	EICAS status msg: (03=FWD, 04=AFT) CARGO DET 1 displayed.
26 16 02 __	EICAS status msg: (03=FWD, 04=AFT) CARGO DET 2 displayed.
26 16 13 00	EICAS status msg: CARGO DET AIR displayed.
26 11 05 __	Fire protection SYSTEM FAIL lgt illum. EICAS msg: FIRE/OVHT SYS displayed, EICAS status msg: (01=L, 02=R) ENG FIRE LP1 & LP2 displayed.
26 11 06 __	Fire protection SYSTEM FAIL lgt illum. EICAS msg: FIRE/OVHT SYS displayed, EICAS status msg: (01=L, 02=R) ENG OH LP1 & LP2 displayed.
26 15 03 00	Fire protection SYSTEM FAIL lgt illum. EICAS msg: FIRE/OVHT SYS displayed, EICAS status msg: APU FIRE LP1 & LP2 displayed.
26 16 04 __	Fire protection SYSTEM FAIL lgt illum. EICAS msg: FIRE/OVHT SYS displayed, EICAS status msg: (03=FWD, 04=AFT) CARGO DET 1 & CARGO DET 2 displayed.
26 11 16 00	Fire protection SYSTEM FAIL lgt illum. EICAS msg FIRE/OVHT SYS displayed. EICAS status msg not displayed.
26 11 XA __	Report FIRE/OVHT detector (ENG, APU, CARGO) symptoms or patterns along with fault code.

FIRE/OVHT DETECTOR (ENG, APU, CARGO) – LOG BOOK REPORTS

EFFECTIVITY

ALL

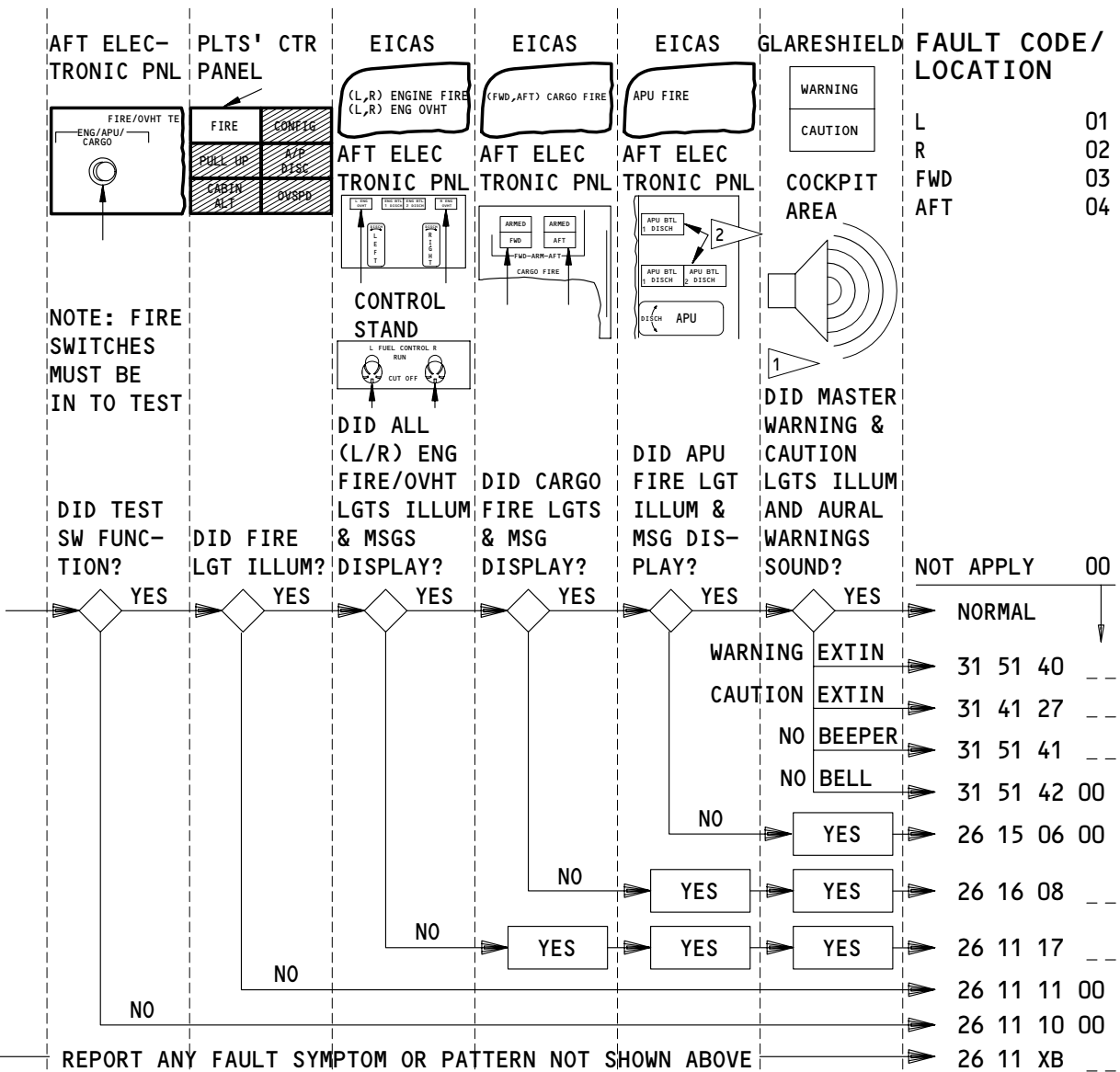
01

FIRE PROTECTION

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FAULT REPORTING MANUAL



REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE

<p>1 MASTER CAUTION LIGHT AND CAUTION BEEPER ARE INHIBITED WHEN BOTH FUEL CONTROL SWITCHES ARE IN CUTOFF ON THE GROUND.</p>		<p>2 AS INSTALLED.</p>	
<p>APPLICABLE CIRCUIT BREAKERS AS INSTALLED</p>			
11B16	AURAL WARN SPKR L	11B29	LEFT ENG 1
11B20	LEFT ENG 1	11B30	LEFT ENG 2
11B21	LEFT ENG 2	11B31	RIGHT ENG 1
11B22	RIGHT ENG 1	11B32	RIGHT ENG 2
11B23	RIGHT ENG 2	11B34	APU REMOTE FIRE IND
11B24	APU 1	11H35	AURAL WARN SPKR R
11B25	APU 2		
11B26	CARGO 1		
11B27	CARGO 2		
		<p>OVERHEAT DETECT</p>	
		11K30	ENGINE L
		11K31	ENGINE R
		11K32	APU
		11K33	CARGO
		<p>OVHT DETECT</p>	
		11K34	ENGINE L
		11K35	ENGINE R
		<p>ALTERNATE POWER FIRE DETECTION</p>	

FIRE/OVHT TEST - ENG, APU, CARGO - FAULT CODES

EFFECTIVITY

ALL

FIRE PROTECTION

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
31 51 40 --	(01=L, 02=R) MASTER WARNING lgt remained extin during test. Other indications normal.
31 41 27 --	(01=L, 02=R) MASTER CAUTION lgt remained extin during test. Other indications normal.
31 51 41 --	(01=L, 02=R) Caution Beeper did not operate during test. Other indications normal.
31 51 42 00	FIRE BELL did not ring during test. Other indications normal.
26 15 06 00	APU FIRE lgts remained extin, horn did not sound, or appropriate EICAS msg did not display during test. Other indications normal.
26 16 08 --	(03=Fwd, 04=Aft) CARGO FIRE lgts remained extin or appropriate EICAS msg did not display during test. Other indications normal.
26 11 17 --	(01=L, 02=R) ENG FIRE/OVHT lgts remained extin, and/or appropriate EICAS msgs did not display during test. Other indications normal.
26 11 11 00	Discrete FIRE warning light, CTR-fwd panel, did not illuminate during test, other indications normal.
26 11 10 00	FIRE/OVHT test did not initiate when Eng/APU/Cargo Test sw pushed.
26 11 XB --	Report FIRE/OVHT TEST ENG, APU, CARGO symptoms or patterns along with fault code.

FIRE/OVHT TEST - ENG, APU, CARGO - LOG BOOK REPORTS

EFFECTIVITY

ALL

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FIRE PROTECTION

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EFFECTIVITY

ALL

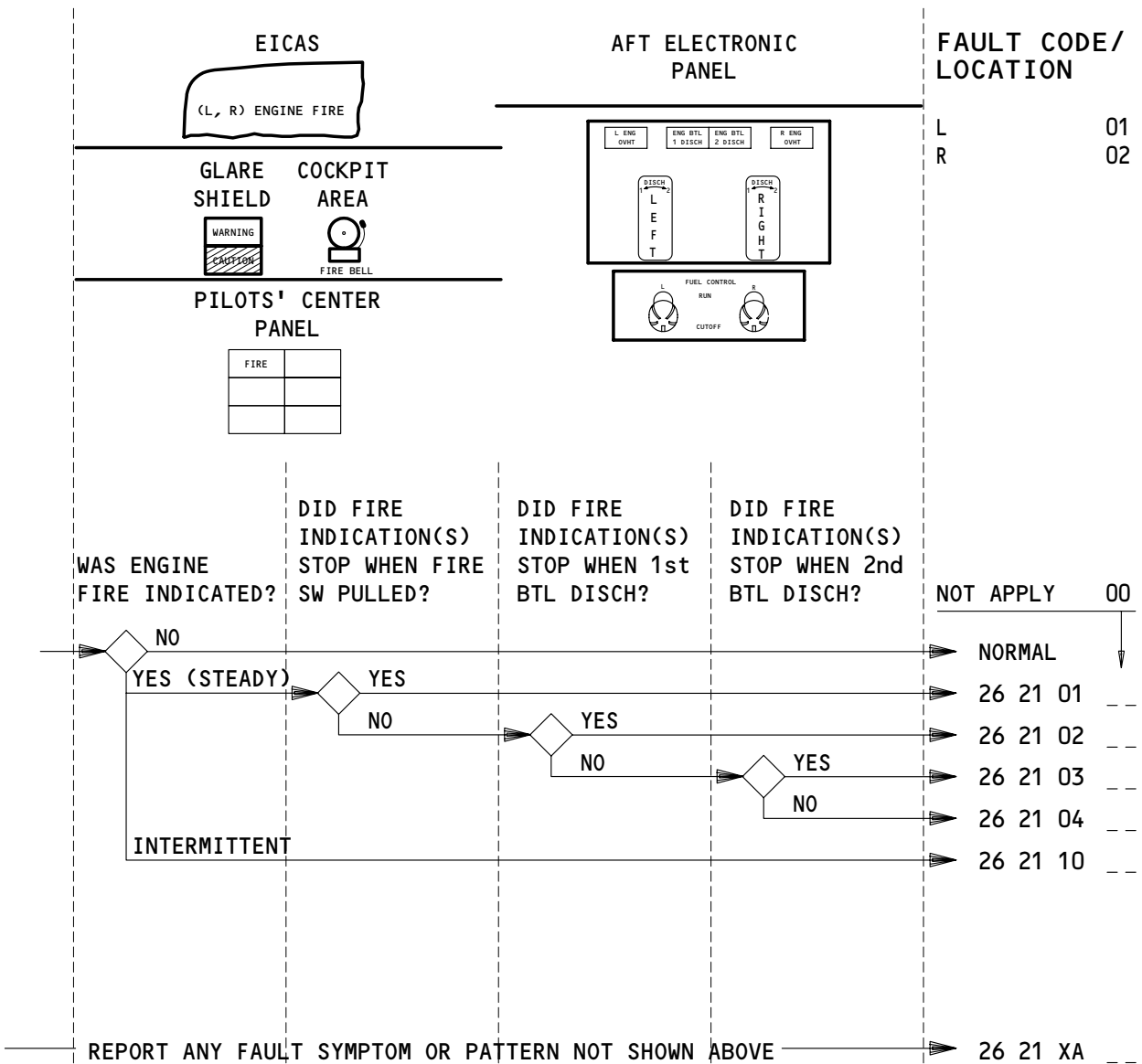
03

FIRE PROTECTION

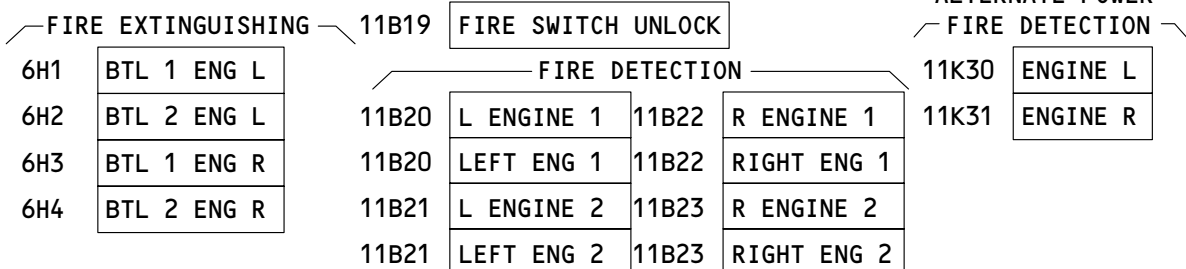
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED



ENGINE FIRE - FAULT CODES

EFFECTIVITY

ALL

05

FIRE PROTECTION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 26 21 01 -- (O1=L, O2=R) ENGINE FIRE indicated. EICAS msg: (L,R) ENGINE FIRE displayed. Fire indication(s) stopped when FIRE SWITCH pulled.
- 26 21 02 -- (O1=L, O2=R) ENGINE FIRE indicated. EICAS msg: (L,R) ENGINE FIRE displayed. Fire indication(s) stopped when FIRE SWITCH pulled and first bottle discharged.
- 26 21 03 -- (O1=L, O2=R) ENGINE FIRE indicated. EICAS msg: (L,R) ENGINE FIRE displayed. Fire indication(s) stopped when FIRE SWITCH pulled and both bottles discharged.
- 26 21 04 -- (O1=L, O2=R) ENGINE FIRE indicated. EICAS msg: (L,R) ENGINE FIRE displayed. Fire indication(s) continued when FIRE SWITCH pulled and both bottles discharged.
- 26 21 10 -- (O1=L, O2=R) eng had intermittent ENGINE FIRE indication.
- 26 21 XA -- Report engine fire symptoms or patterns along with fault code.

ENGINE FIRE - LOG BOOK REPORTS

EFFECTIVITY

ALL

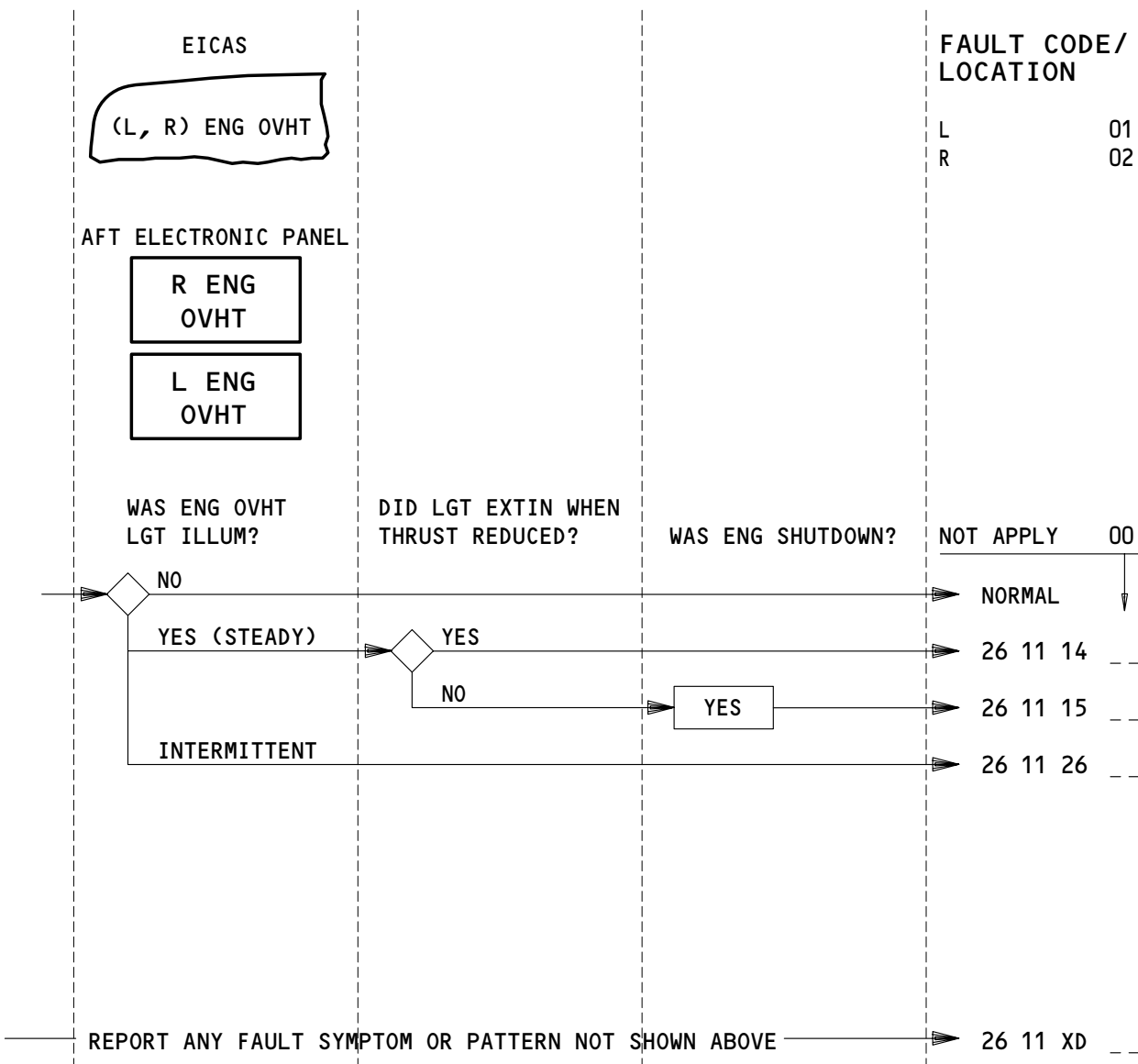
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FIRE PROTECTION

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

OVERHEAT DETECT			
11B29	L ENGINE 1	11B31	R ENGINE 1
11B29	LEFT ENG 1	11B31	RIGHT ENG 1
11B30	L ENGINE 2	11B32	R ENGINE 2
11B30	LEFT ENG 2	11B32	RIGHT ENG 2

ALTERNATE POWER OVHT DETECTION

11K34	ENGINE L
11K35	ENGINE R

ENGINE OVERHEAT – FAULT CODES

EFFECTIVITY

ALL

05

FIRE PROTECTION

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 26 11 14 __ EICAS msg (01=L, 02=R) ENG OVHT displayed with ENG OVHT lgt illum.
Lgt extin after thrust reduction.
- 26 11 15 __ EICAS msg (01=L, 02=R) ENG OVHT displayed with ENG OVHT lgt illum.
Lgt remained illum after thrust reduction. Eng was shutdown.
- 26 11 26 __ (01=L, 02=R) eng had intermittent (L, R) ENG OVHT indication.
- | 26 11 XD __ Report engine overheat symptoms or patterns along with fault code.

ENGINE OVERHEAT – LOG BOOK REPORTS

EFFECTIVITY

ALL

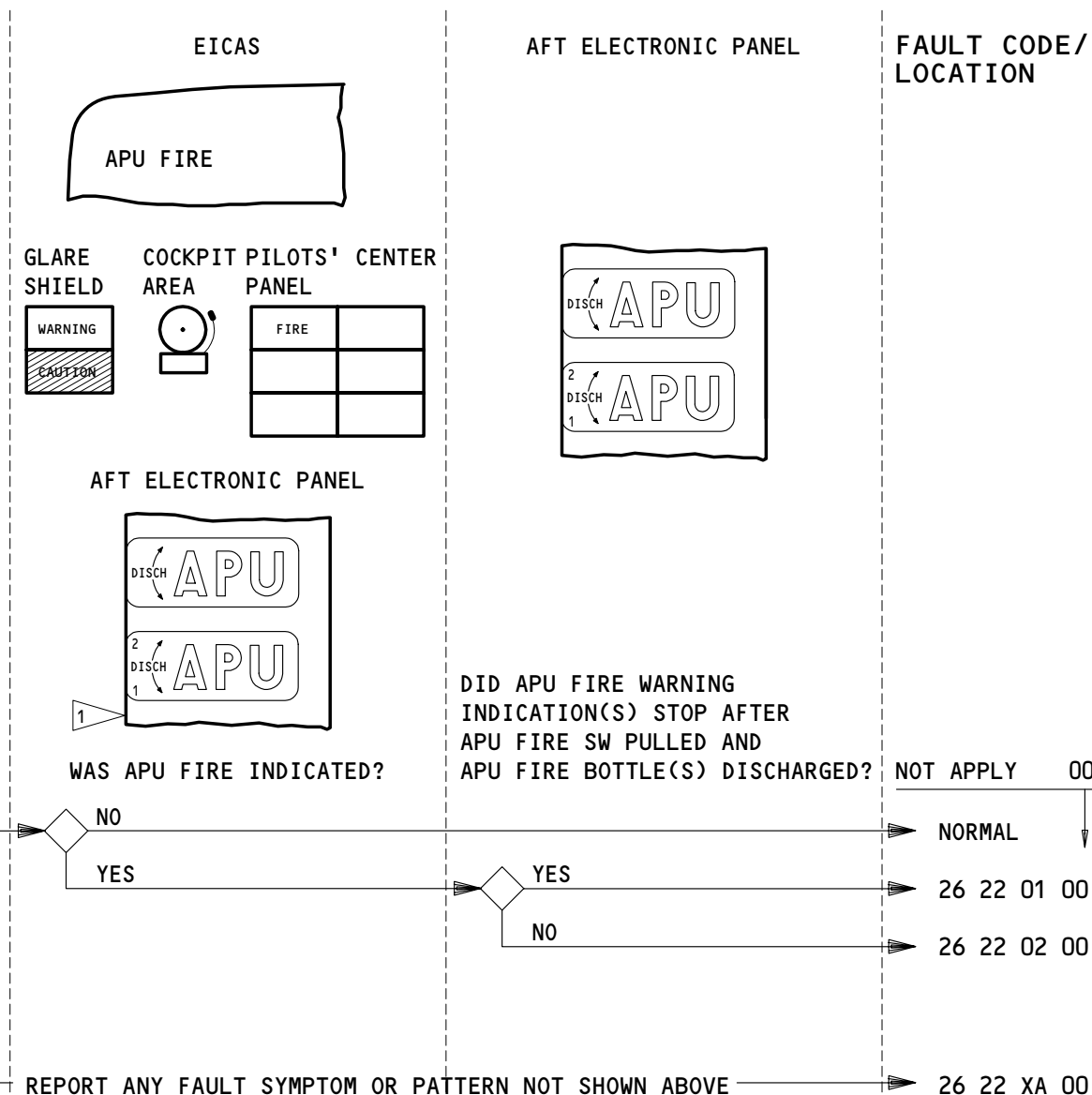
03

FIRE PROTECTION

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BOEING 767

FAULT REPORTING MANUAL



REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE → 26 22 XA 00

1 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6G1	FIRE EXT APU 1	11B23	FIRE DETECTION APU 1
6G2	FIRE EXT APU 2	11B24	FIRE DETECTION (APU 1, APU 2)
11A19	FIRE SWITCH UNLOCK	11B25	FIRE DETECTION (APU 2, APU 2)
11B19	FIRE SWITCH UNLOCK	11B34	APU REMOTE FIRE IND
		11K32	FIRE DETECTION APU

APU FIRE – FAULT CODES

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 26 22 01 00 APU Fire indicated. EICAS msg APU FIRE displayed. APU fire sw pulled and fire btl(s) discharged. APU Fire indication(s) stopped.
- 26 22 02 00 APU Fire indicated. EICAS msg APU FIRE displayed. APU fire sw pulled and fire btl(s) discharged. APU fire indication(s) remained.
- 26 22 XA 00 Report APU Fire symptoms or patterns along with fault code.

APU FIRE – LOG BOOK REPORTS

EFFECTIVITY

ALL

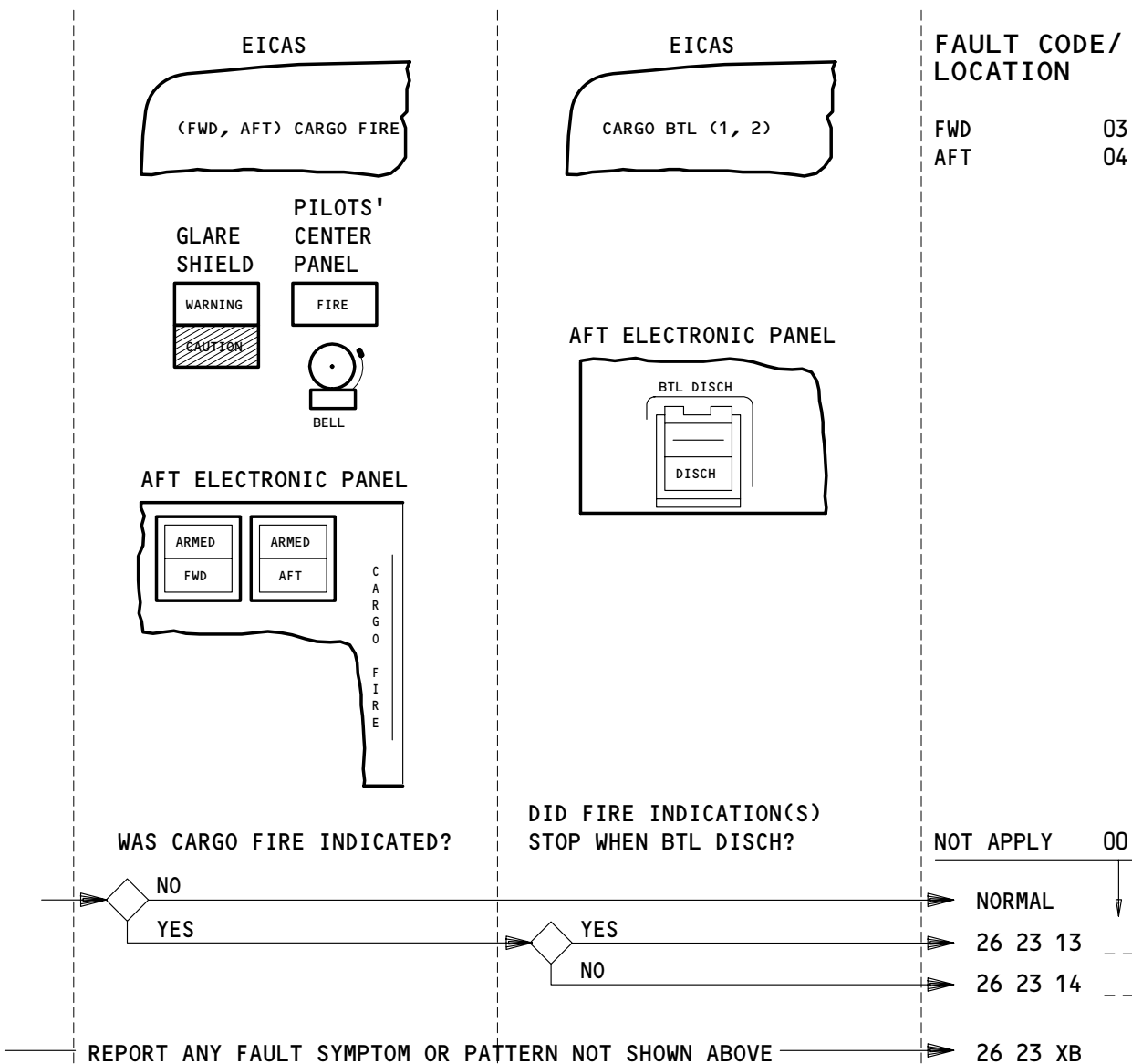
05

FIRE PROTECTION

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

FIRE EXTINGUISHING

6H5	BTL 1 CARGO
6H6	BTL 2 CARGO

FIRE DETECTION

11B26	CARGO 1	11U35	FIRE DET CARGO DC
11B27	CARGO 2	11U36	FIRE DET FAN AC

ALTERNATE POWER

11K33	FIRE DETECTION CARGO
-------	----------------------

CARGO FIRE - FAULT CODES

EFFECTIVITY

ALL

FIRE PROTECTION

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
26 23 13 --	(03=FWD, 04=AFT) CARGO FIRE indicated. EICAS msg (FWD, AFT) CARGO FIRE displayed. Fire indication(s) stopped when bottles disch.
26 23 14 --	(03=FWD, 04=AFT) CARGO FIRE indicated. EICAS msg (FWD, AFT) CARGO FIRE displayed. Fire indication(s) remained after bottles discharged.
26 23 XB --	Report CARGO FIRE symptoms or patterns along with fault code.

CARGO FIRE – LOG BOOK REPORTS

EFFECTIVITY

ALL

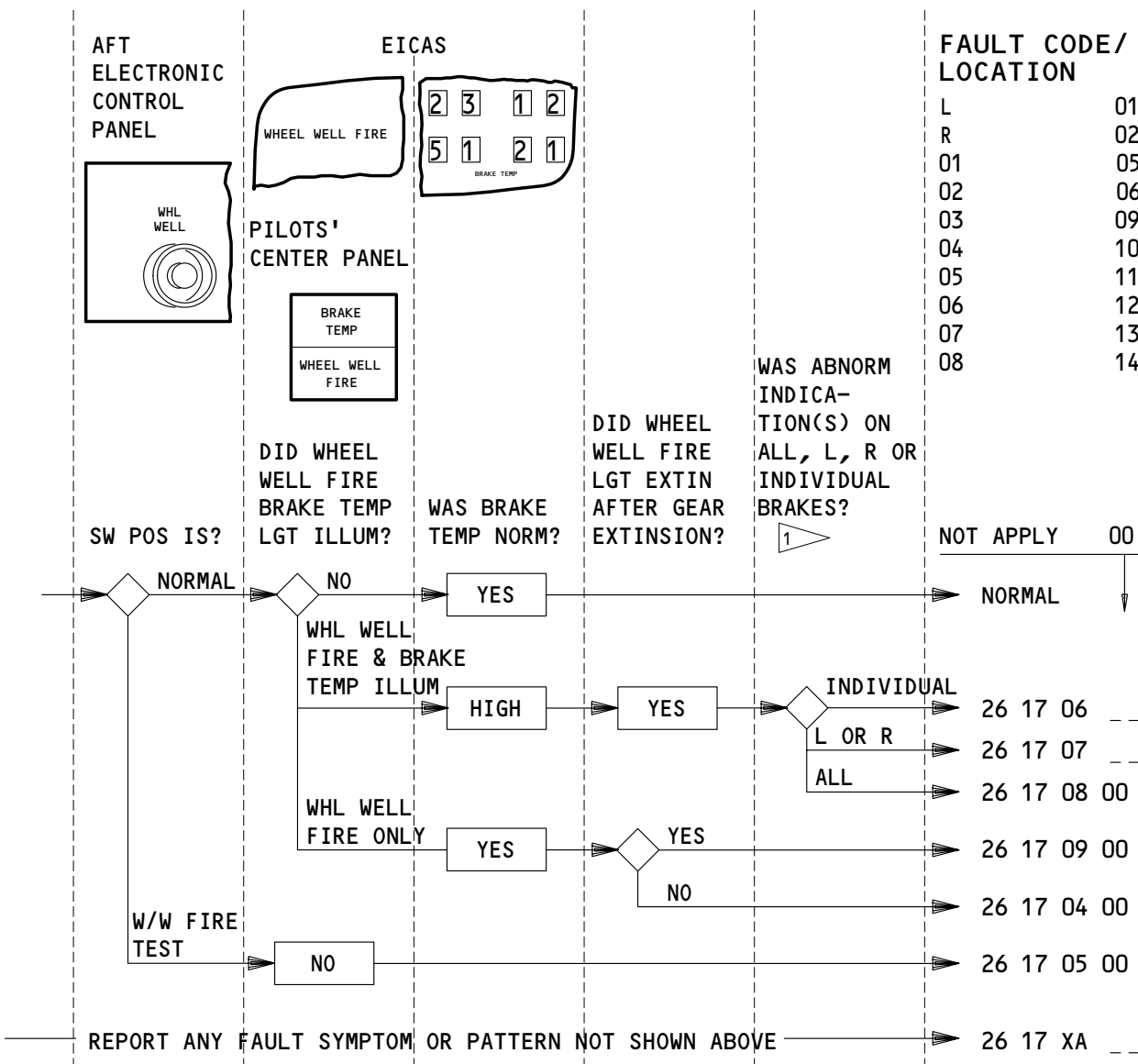
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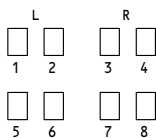
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FAULT REPORTING MANUAL



NOTE:

BRAKE LOCATION



APPLICABLE CIRCUIT BREAKERS

11B10 WW FIRE/DUCT LEAK

11U16 BRAKE TEMP

11B33 WW FIRE IND

WHEEL WELL FIRE & TEST - FAULT CODES

EFFECTIVITY

AIRPLANES WITH BRAKE TEMP INDICATORS

06

FIRE PROTECTION

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
26 17 06 --	WHEEL WELL FIRE and BRAKE TEMP lgts illum. EICAS msg WHEEL WELL FIRE displayed. Lgts extin after gear extension. Brake No. (05=1, 06=2, 09=03, 10=04, 11=05, 12=06, 13=07, 14=08) temp indicated high.
26 17 07 --	WHEEL WELL FIRE and BRAKE TEMP lgts illum. EICAS msg WHEEL WELL FIRE displayed. Lgts extin after gear extension. Gear (01=L, 02=R) brake temps indicated high.
26 17 08 00	WHEEL WELL FIRE and BRAKE TEMP lgts illum. EICAS msg WHEEL WELL FIRE displayed. Lgts extin after gear extension. All brake temps indicated high.
26 17 09 00	WHEEL WELL FIRE and BRAKE TEMP lgts illum. EICAS msg WHEEL WELL FIRE displayed. Brake temp was normal. Lgt extin after gear extension.
26 17 04 00	WHEEL WELL FIRE illum. EICAS msg WHEEL WELL FIRE displayed. Brake temp was normal. Lgt did not extin after gear extension.
26 17 05 00	WHEEL WELL FIRE lgt failed to illum during test.
26 17 XA --	Report WHEEL WELL FIRE & test symptoms or patterns along with fault code.

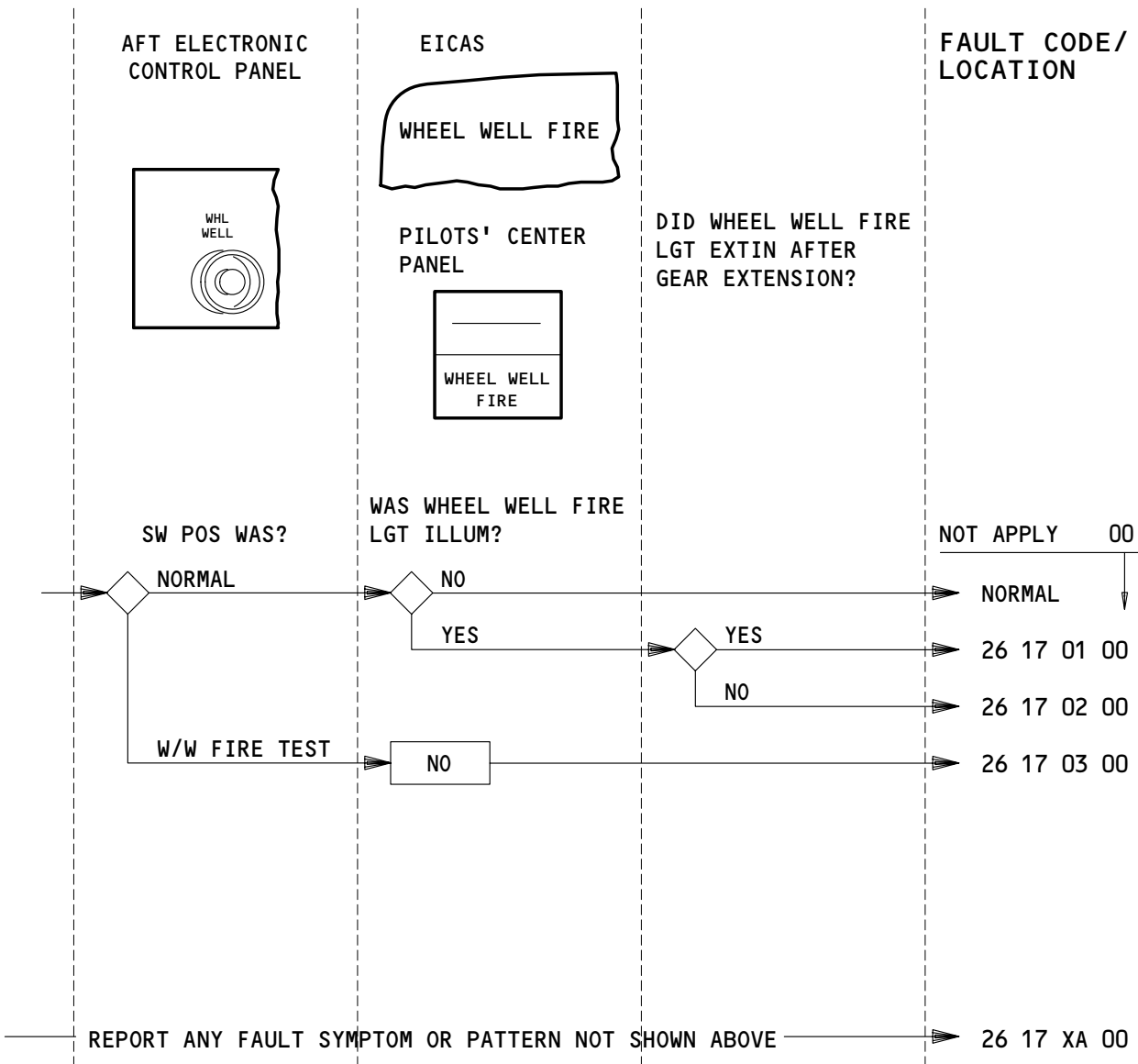
WHEEL WELL FIRE & TEST – LOG BOOK REPORTS

EFFECTIVITY
AIRPLANES WITH BRAKE TEMP INDICATORS

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FIRE PROTECTION
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

- 11B10 WW FIRE/DUCT LEAK
- 11B33 WW FIRE IND

WHEEL WELL FIRE & TEST – FAULT CODES

EFFECTIVITY
 AIRPLANES WITHOUT BRAKE TEMP INDICATORS

FIRE PROTECTION

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

26 17 01 00 WHL WELL FIRE lgt illum. EICAS msg WHEEL WELL FIRE displayed. Lgt
extin after gear extension.

26 17 02 00 WHL WELL FIRE lgt illum. EICAS msg WHEEL WELL FIRE displayed. Lgt did
not extin after gear extension.

26 17 03 00 WHL WELL FIRE lgt failed to illum during test.

26 17 XA 00 Report WHEEL WELL FIRE & Test symptoms or patterns along with fault
code.

WHEEL WELL FIRE & TEST - LOG BOOK REPORT

EFFECTIVITY

AIRPLANES WITHOUT BRAKE TEMP INDICATORS

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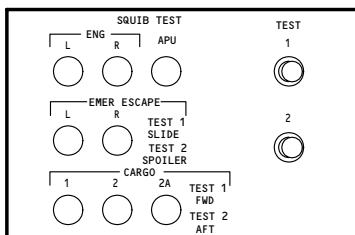
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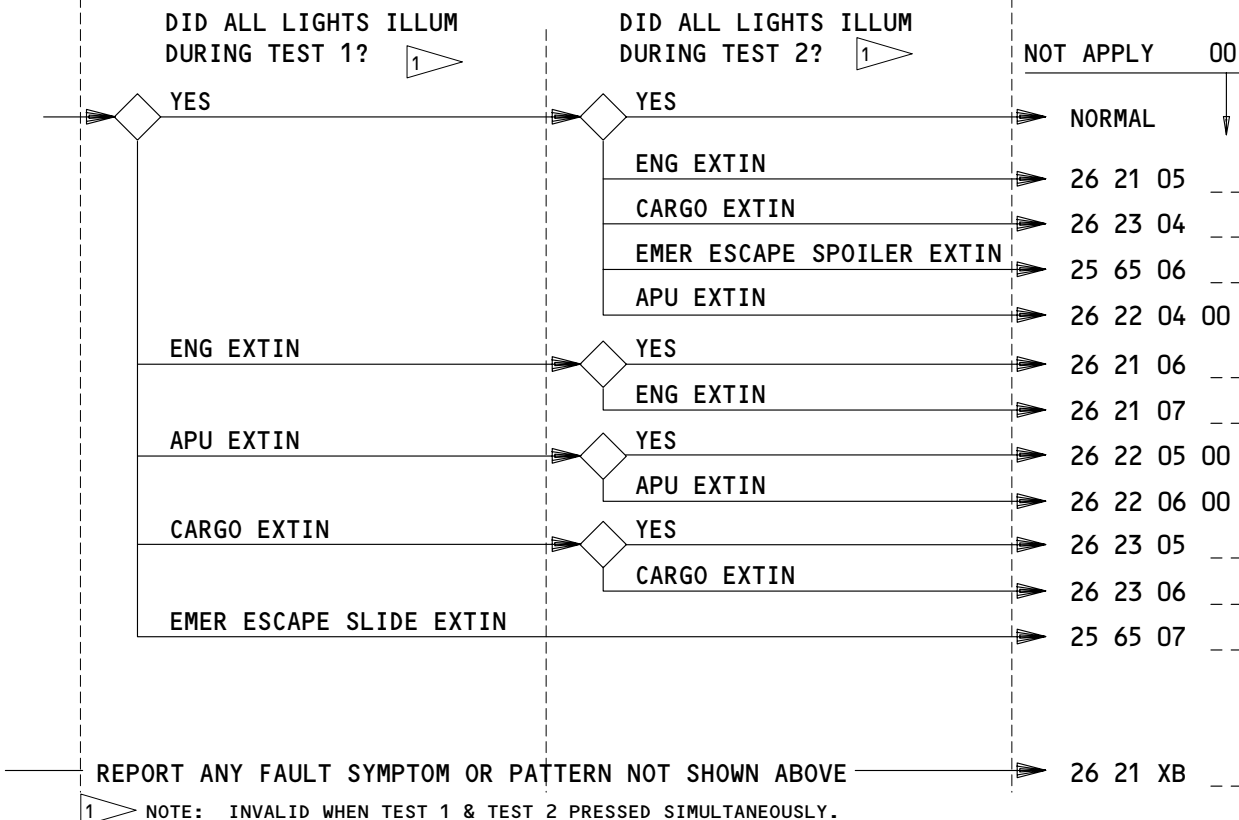
FAULT REPORTING MANUAL

ACCESSORY PANEL



FAULT CODE/ LOCATION

L	01
R	02
1	05
2	06
2A	07



NOTE: INVALID WHEN TEST 1 & TEST 2 PRESSED SIMULTANEOUSLY.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6G1	APU 1	6H3	BTL 1 ENG R	11P35	EMER LTS OFF WING ESC L
6G2	APU 2	6H4	BTL 2 ENG R	11P36	EMER LTS OFF WING ESC R
6H1	BTL 1 ENG L	6H5	BTL 1 CARGO	11P35	EMER LTS L
6H2	BTL 2 ENG L	6H6	BTL 2 CARGO	11P36	EMER LTS R

SQUIB TEST – FAULT CODES

EFFECTIVITY

ALL

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
26 21 05 __	(01=L, 02=R) ENG squib lgt failed to illum during test 2.
26 23 04 __	(05=1, 06=2, 07=2A) CARGO squib lgt failed to illum test 2.
25 65 06 __	(01=L, 02=R) EMER ESCAPE SPOILER SQUIB lgt failed to illum during test 2.
26 22 04 00	APU squib lgt failed to illum during test 2.
26 21 06 __	(01=L, 02=R) ENG squib lgt failed to illum during test 1.
26 21 07 __	(01=L, 02=R) ENG squib lgt failed to illum during test 1 and 2.
26 22 05 00	APU squib lgt failed to illum during test 1.
26 22 06 00	APU squib lgt failed to illum during test 1 and 2.
26 23 05 __	(05=1, 06=2, 07=2A) CARGO squib lgt failed to illum during test 1.
26 23 06 __	(05=1, 06=2, 07=2A) CARGO squib lgt failed to illum during test 1 and 2.
25 65 07 __	(01=L, 02=R) EMER ESCAPE SLIDE squib lgt failed to illum during test 1.
26 21 XB __	Report squib test symptoms or patterns along with fault code.

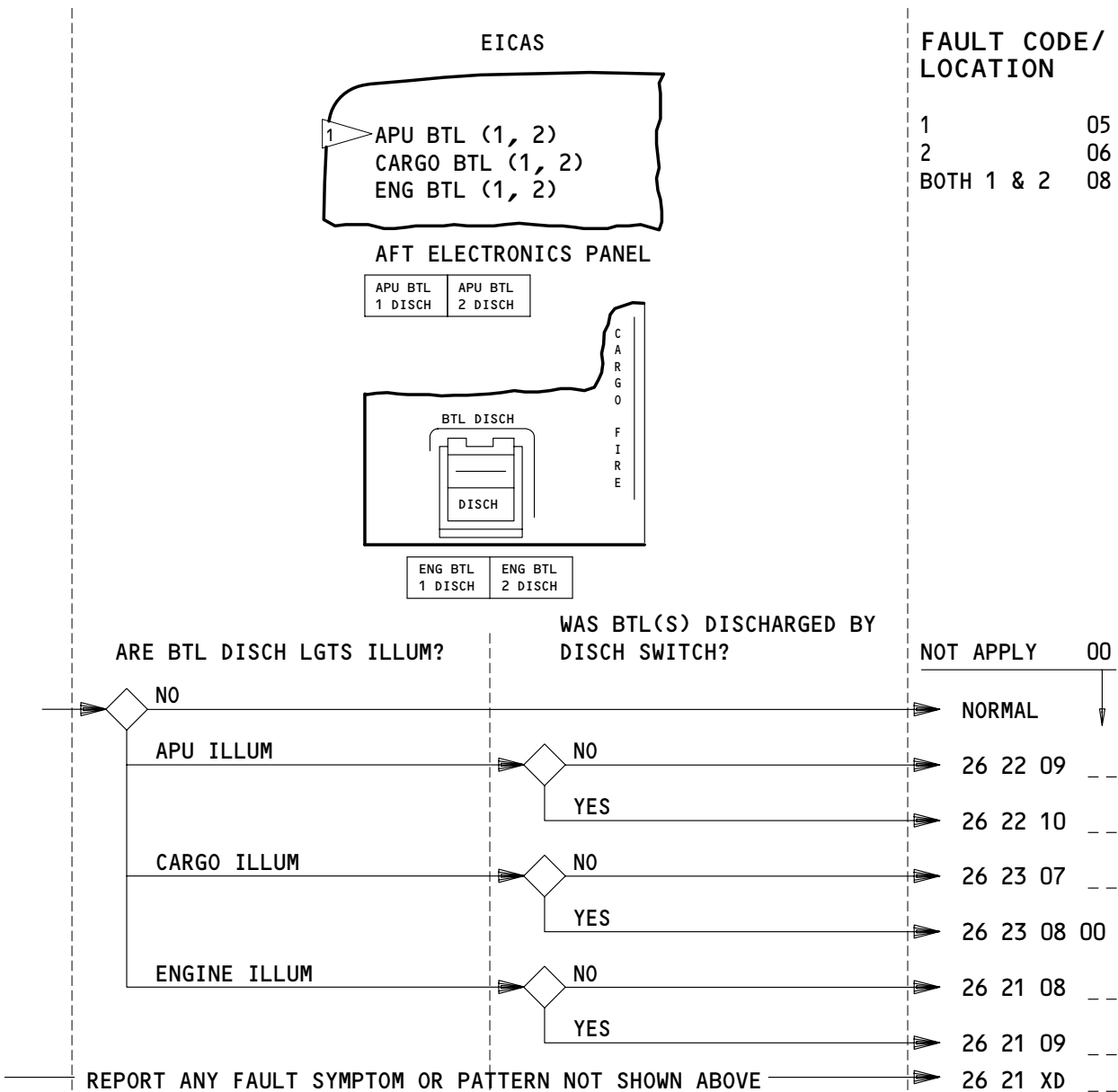
SQUIB TEST - LOG BOOK REPORT

EFFECTIVITY

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FAULT REPORTING MANUAL



1 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

FIRE EXTINGUISHING

6G1	APU 1	6H3	BTL 1 ENG R
6G2	APU 2	6H4	BTL 2 ENG R
6H1	BTL 1 ENG L	6H5	BTL 1 CARGO
6H2	BTL 2 ENG L	6H6	BTL 2 CARGO

BOTTLE DISCHARGE LIGHTS ILLUMINATED – FAULT CODES

EFFECTIVITY

ALL

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 FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | 26 22 09 -- (1, 2) APU BTL DISCH lgt illum. EICAS msg (05=1, 06=2, 08=both 1 & 2) APU BTL displayed. Disch switch not used.
- | 26 22 10 -- (1, 2) APU BTL DISCH lgt illum. EICAS msg (05=1, 06=2, 08=both 1 & 2) APU BTL displayed. Bottle was discharged by switch.
- 26 23 07 -- CARGO BTL DISCH lgt illum. EICAS msg (05=1, 06=2, 08=both 1 & 2) CARGO BTL displayed. Disch switch not used.
- 26 23 08 00 CARGO BTL DISCH lgt illum. EICAS msg CARGO BTL 1 & 2 displayed. Bottles were disch by switch.
- 26 21 08 -- (1, 2) ENG BTL DISCH lgt illum. EICAS msg (05=1, 06=2, 08=both 1 & 2) ENG BTL displayed. Disch switch not used.
- 26 21 09 -- (1, 2) ENG BTL DISCH lgt illum. EICAS msg (05=1, 06=2, 08=both 1 & 2) ENG BTL displayed. Bottle was disch by switch.
- 26 21 XD -- Report bottle discharge lights illuminated symptoms or patterns along with fault code.

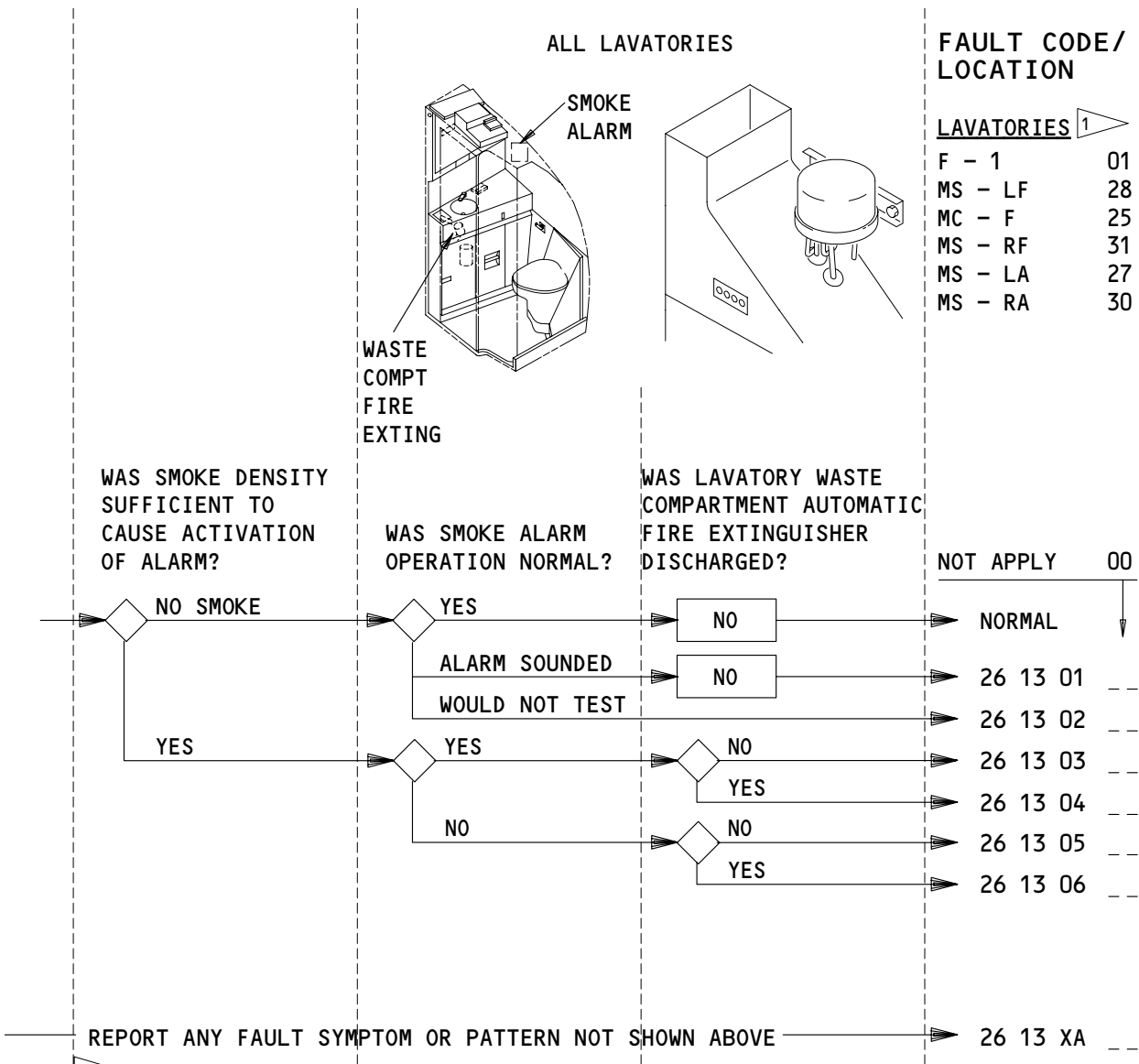
BOTTLE DISCHARGE LIGHTS ILLUMINATED – LOG BOOK REPORTS

EFFECTIVITY

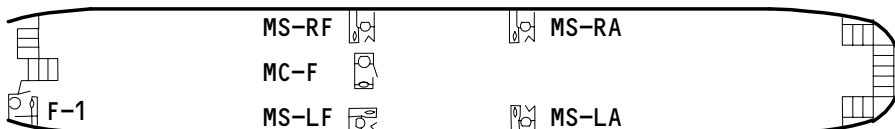
ALL

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FAULT REPORTING MANUAL



¹ LAVATORY LOCATIONS



APPLICABLE CIRCUIT BREAKERS

11P34 LAV CALL/SMOKE DET SYS

LAVATORY SMOKE & FIRE PROTECTION - FAULT CODES

EFFECTIVITY
SAS -200 AIRPLANES

FIRE PROTECTION

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FAULT REPORTING MANUAL

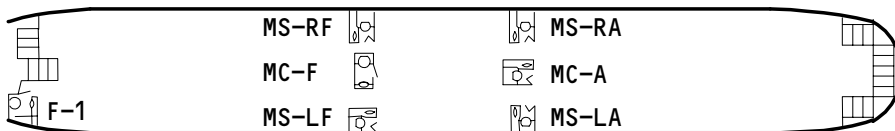
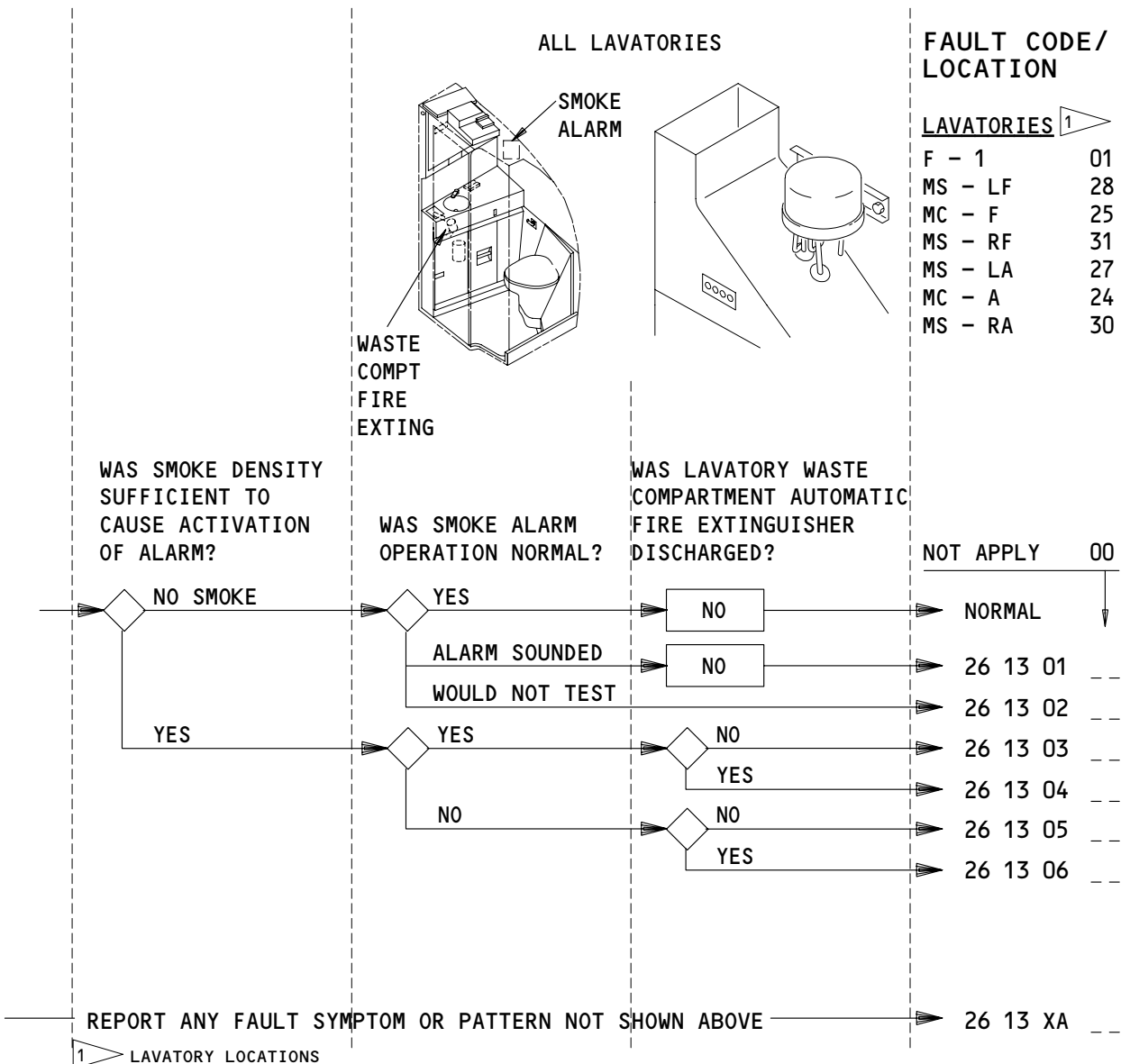
FAULT CODE	LOG BOOK REPORT
26 13 01 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 30=MS-RA) lav smoke alarm sounded, no smoke, fire extinguisher did not discharge.
26 13 02 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 30=MS-RA) lav smoke detector will not test when self test switch activated.
26 13 03 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 30=MS-RA) lav smoke alarm activated by smoke, automatic fire extinguisher did not discharge.
26 13 04 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 30=MS-RA) lav smoke alarm activated by smoke, fire extinguisher discharged.
26 13 05 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 30=MS-RA) at high smoke density lav smoke alarm did not activate, automatic fire extinguisher did not discharge.
26 13 06 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 30=MS-RA) at high smoke density lav smoke alarm did not activate, automatic fire extinguisher discharged.
26 13 XA --	Report lavatory smoke & fire protection symptoms or patterns along with fault code.

LAVATORY SMOKE & FIRE PROTECTION – LOG BOOK REPORT

EFFECTIVITY
SAS -200 AIRPLANES

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11P34 LAV CALL/SMOKE DET SYS

LAVATORY SMOKE & FIRE PROTECTION - FAULT CODES

EFFECTIVITY
SAS -300 AIRPLANES

FIRE PROTECTION

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 FAULT REPORTING MANUAL

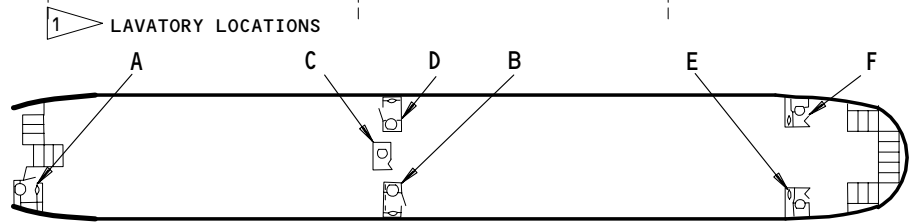
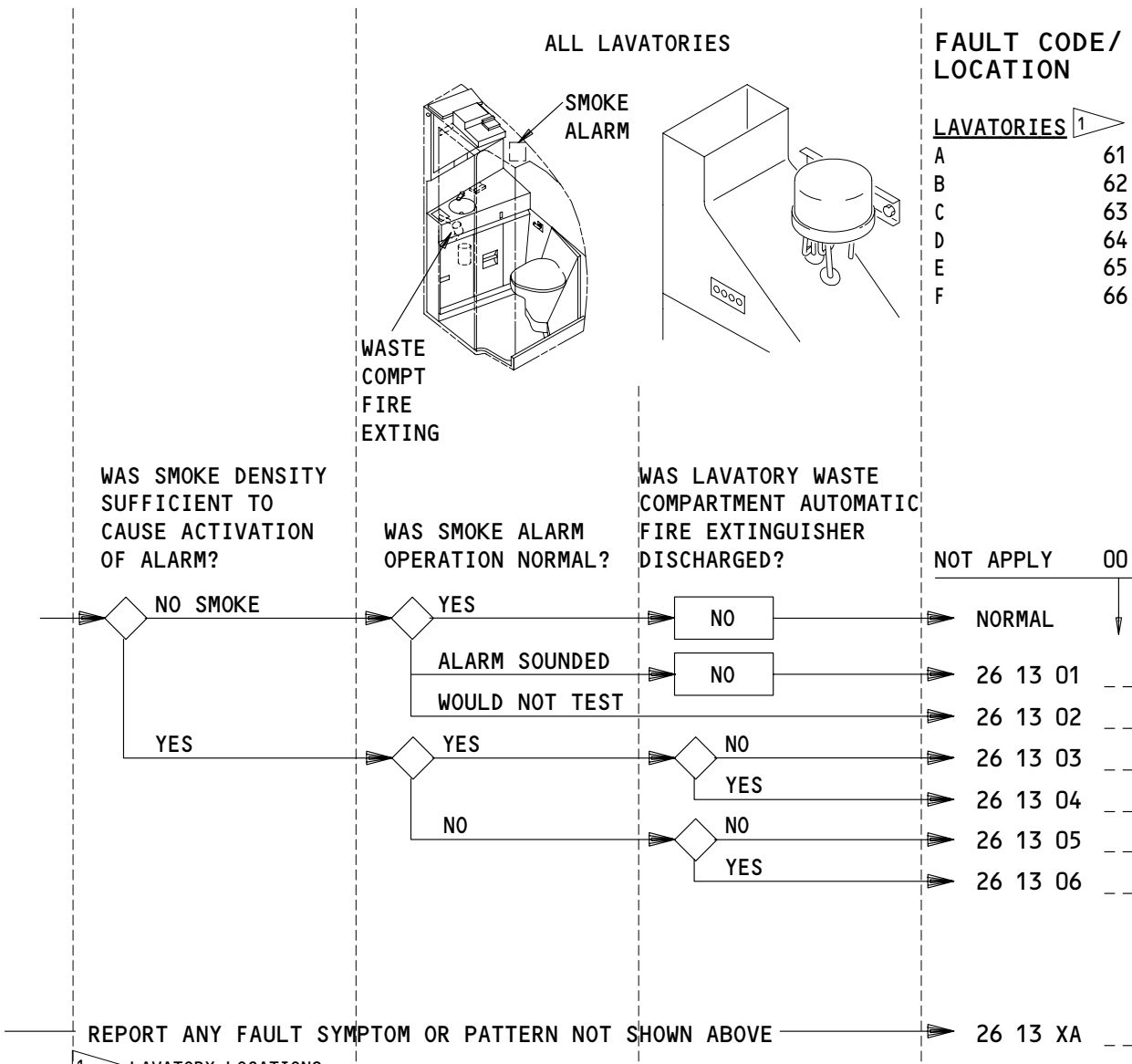
FAULT CODE	LOG BOOK REPORT
26 13 01 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav smoke alarm sounded, no smoke, fire extinguisher did not discharge.
26 13 02 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav smoke detector will not test when self test switch activated.
26 13 03 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav smoke alarm activated by smoke, automatic fire extinguisher did not discharge.
26 13 04 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav high smoke alarm activated by smoke, fire extinguisher discharged.
26 13 05 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav high smoke density lav smoke alarm did not activate, automatic fire extinguisher did not discharge.
26 13 06 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav high smoke density lav smoke alarm did not activate, automatic fire extinguisher discharged.
26 13 XA --	Report lavatory smoke & fire protection symptoms or patterns along with fault code.

LAVATORY SMOKE & FIRE PROTECTION – LOG BOOK REPORT

EFFECTIVITY SAS -300 AIRPLANES

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11P34 LAV CALL/SMOKE DET SYS

LAVATORY SMOKE & FIRE PROTECTION – FAULT CODES

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FIRE PROTECTION

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FAULT CODE	LOG BOOK REPORT
26 13 01 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F) lav smoke alarm sounded, no smoke, fire extinguisher did not discharge.
26 13 02 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F) lav smoke detector will not test when self test switch activated.
26 13 03 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F) lav smoke alarm activated by smoke, automatic fire extinguisher did not discharge.
26 13 04 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F) lav smoke alarm activated by smoke, fire extinguisher discharged.
26 13 05 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F) at high smoke density lav smoke alarm did not activate, automatic fire extinguisher did not discharge.
26 13 06 --	(61=A, 62=B, 63=C, 64=D, 65=E, 66=F) at high smoke density lav smoke alarm did not activate, automatic fire extinguisher discharged.
26 13 XA --	Report lavatory smoke & fire protection symptoms or patterns along with fault code.

LAVATORY SMOKE & FIRE PROTECTION – LOG BOOK REPORT

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EICAS MESSAGES

EFFECTIVITY

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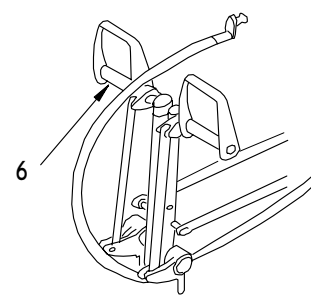
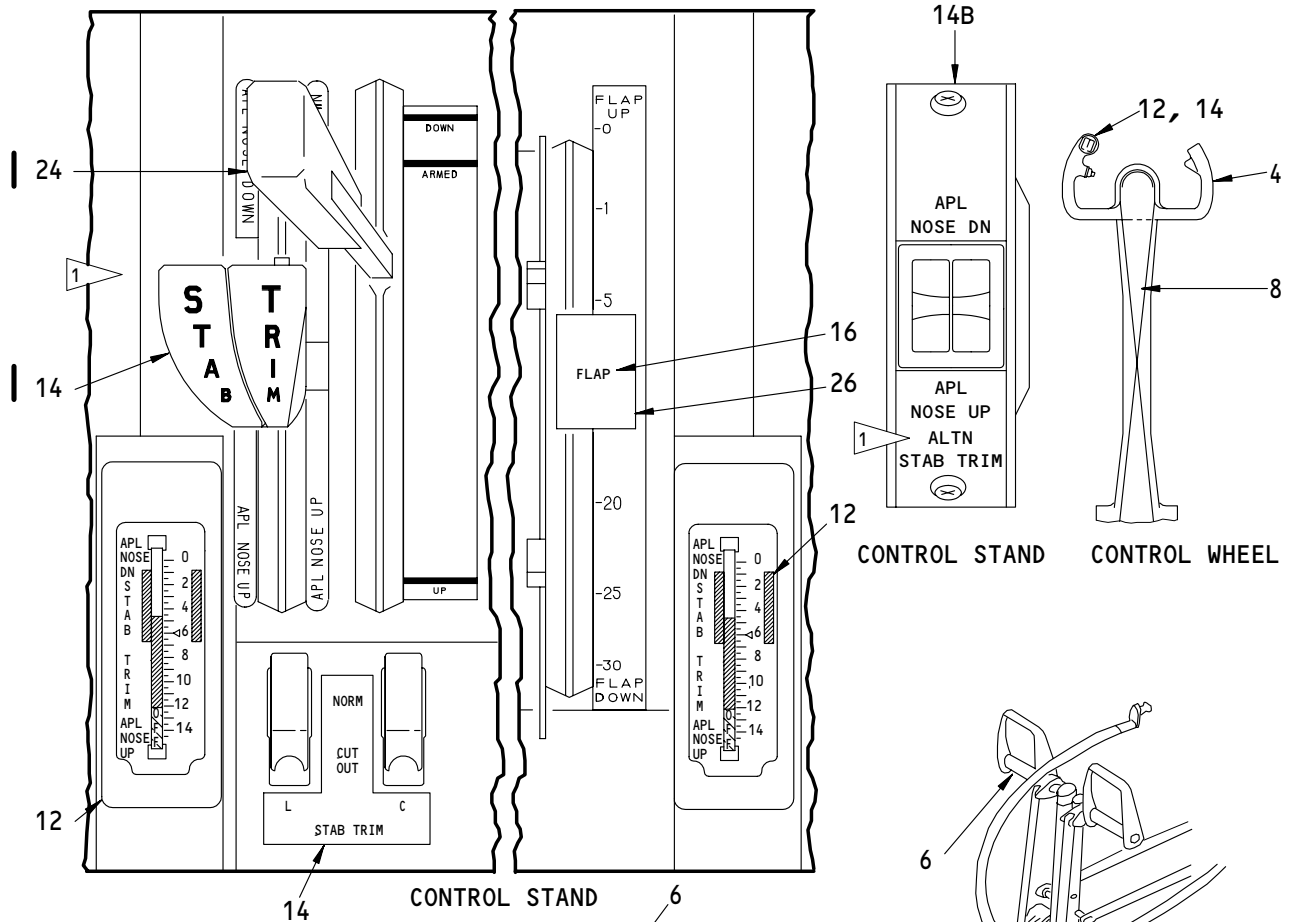
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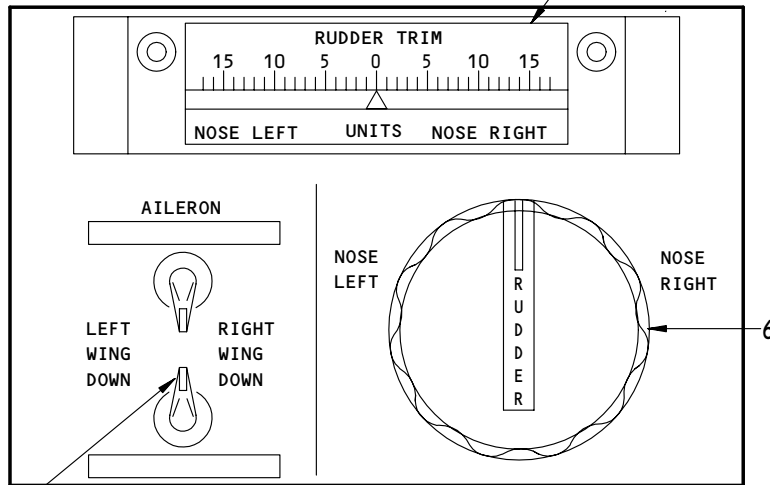
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BOEING 767

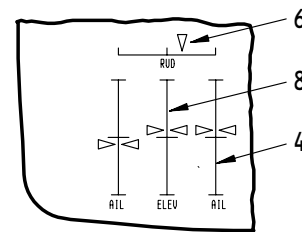
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RUDDER PEDAL & ADJUST



4 AFT ELECTRONIC PANEL



EICAS (LOWER SCREEN)

1 AS INSTALLED

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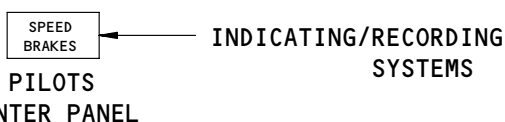
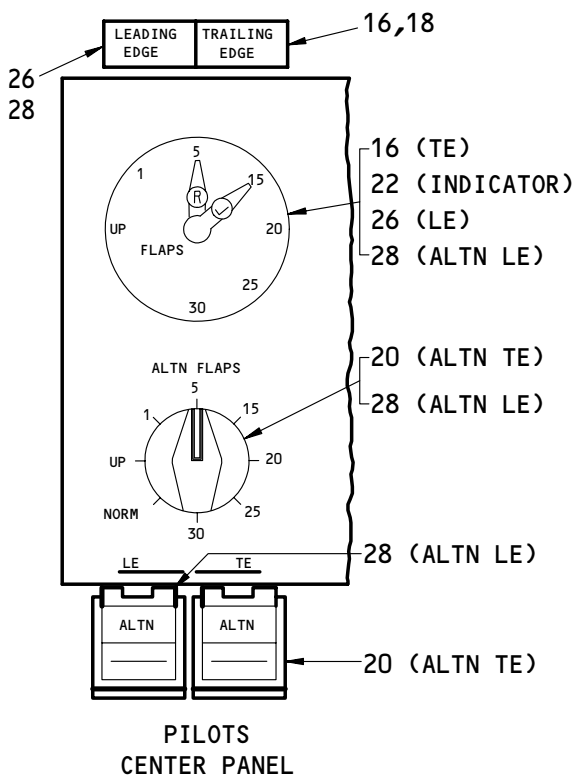
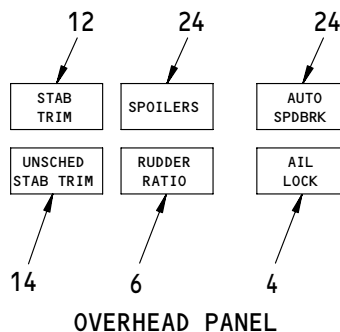
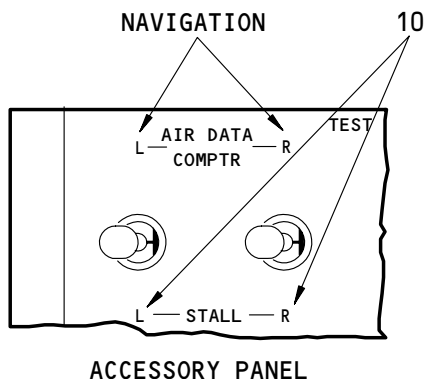
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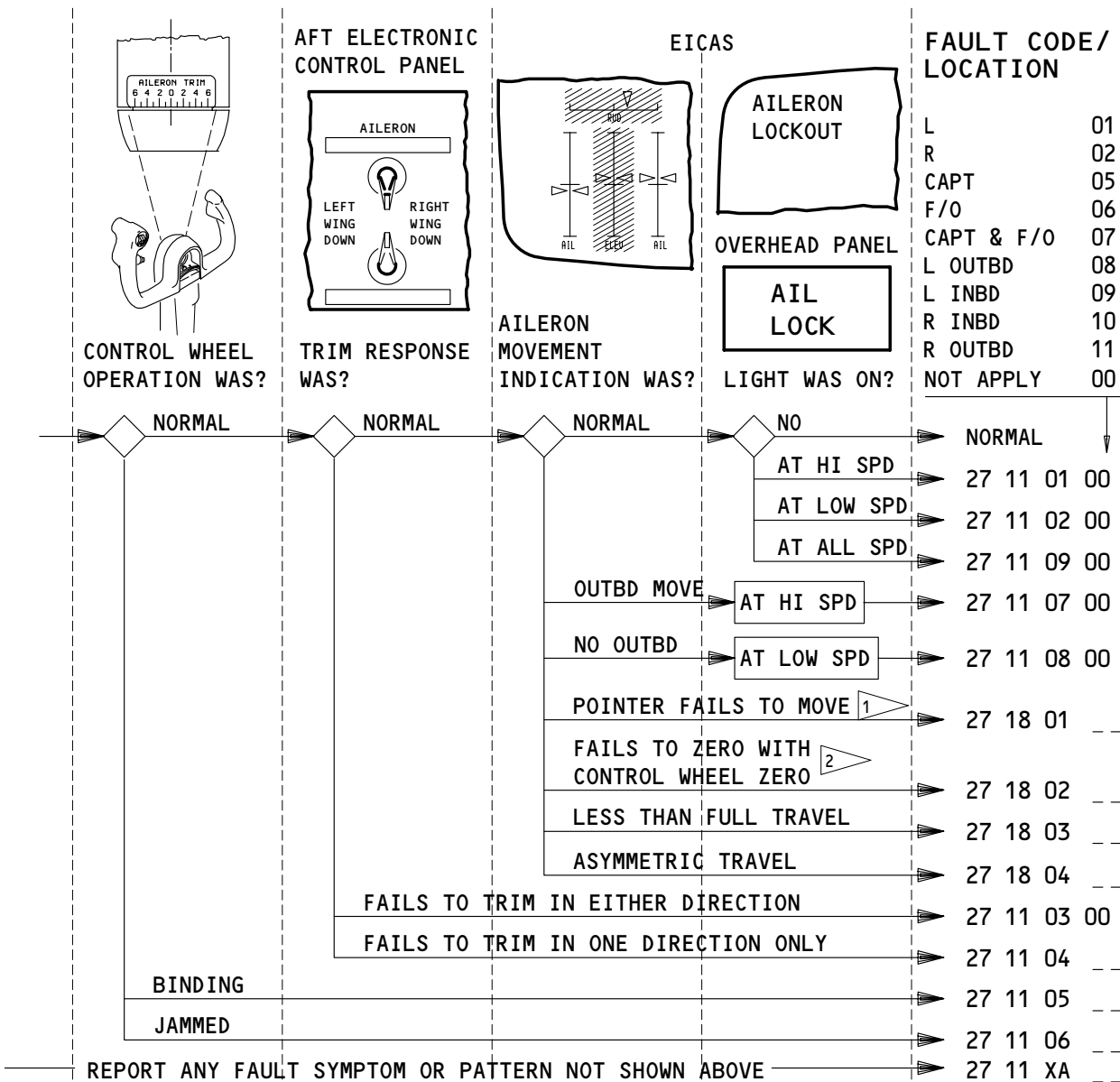
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1 AILERON LOCKOUT SYSTEM IS IN HIGH SPEED MODE ABOVE 240 KIAS.
 2 INBD AILERONS BEGIN TO DROOP (BELOW FLAPS 5° ON -200 ACFT;
 AT FLAPS 5° ON -300 ACFT) AND INDICATE 10° DOWN AT FLAPS 15° AND GREATER.
 APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C17	OUTBOARD AILERON LOCKOUT L	11K14	AILERON POS L
11C17	AILERON LOCKOUT L	11K15	AILERON TRIM
11C18	OUTBOARD AILERON LOCKOUT R	11K23	AILERON POS R
11C18	AILERON LOCKOUT R		

AILERONS – FAULT CODES

EFFECTIVITY
ALL

FLIGHT CONTROLS

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
27 11 01 00	AIL LOCK lgt illum at high speed. EICAS msg AILERON LOCKOUT displayed. Outbd ailerons indicated normal - locked out.
27 11 02 00	AIL LOCK lgt illum at low speed. EICAS msg AILERON LOCKOUT displayed. Outbd ailerons indicated normal - unlocked.
27 11 09 00	AIL LOCK lgt illum at all speeds. EICAS msg AILERON LOCKOUT displayed. Outbd ailerons operated normal - locked and unlocked.
27 11 07 00	AIL LOCK lgt illum at high speed. EICAS msg AILERON LOCKOUT displayed. Outbd ailerons indicated movement - unlocked.
27 11 08 00	AIL LOCK lgt illum at low speed. EICAS msg AILERON LOCKOUT displayed. Outbd ailerons did not indicate movement - locked out.
27 18 01 --	(08=L outbd, 09=L inbd, 10=R inbd, 11=R outbd) ail ind pointer(s) failed to indicate aileron movement.
27 18 02 --	(08=L outbd, 09=L inbd, 10=R inbd, 11=R outbd) ail ind pointer(s) failed to zero with control wheel zero.
27 18 03 --	(08=L outbd, 09=L inbd, 10=R inbd, 11=R outbd) ail ind pointer(s) indicate less than full travel.
27 18 04 --	(08=L outbd, 09=L inbd, 10=R inbd, 11=R outbd) ail indicates insufficient travel in one direction and overtravel in other direction.
27 11 03 00	Aileron trim failed to trim in either direction.
27 11 04 --	Aileron trim failed to trim in (01=L, 02=R) wing down direction.
27 11 05 --	(05=Capt, 06=F/0, 07=Capt & F/0) aileron control wheel binding.
27 11 06 --	(05=Capt, 06=F/0) aileron control wheel jammed.
27 11 XA --	Report ailerons symptoms or patterns along with fault codes.

AILERONS - LOG BOOK REPORTS

EFFECTIVITY

ALL

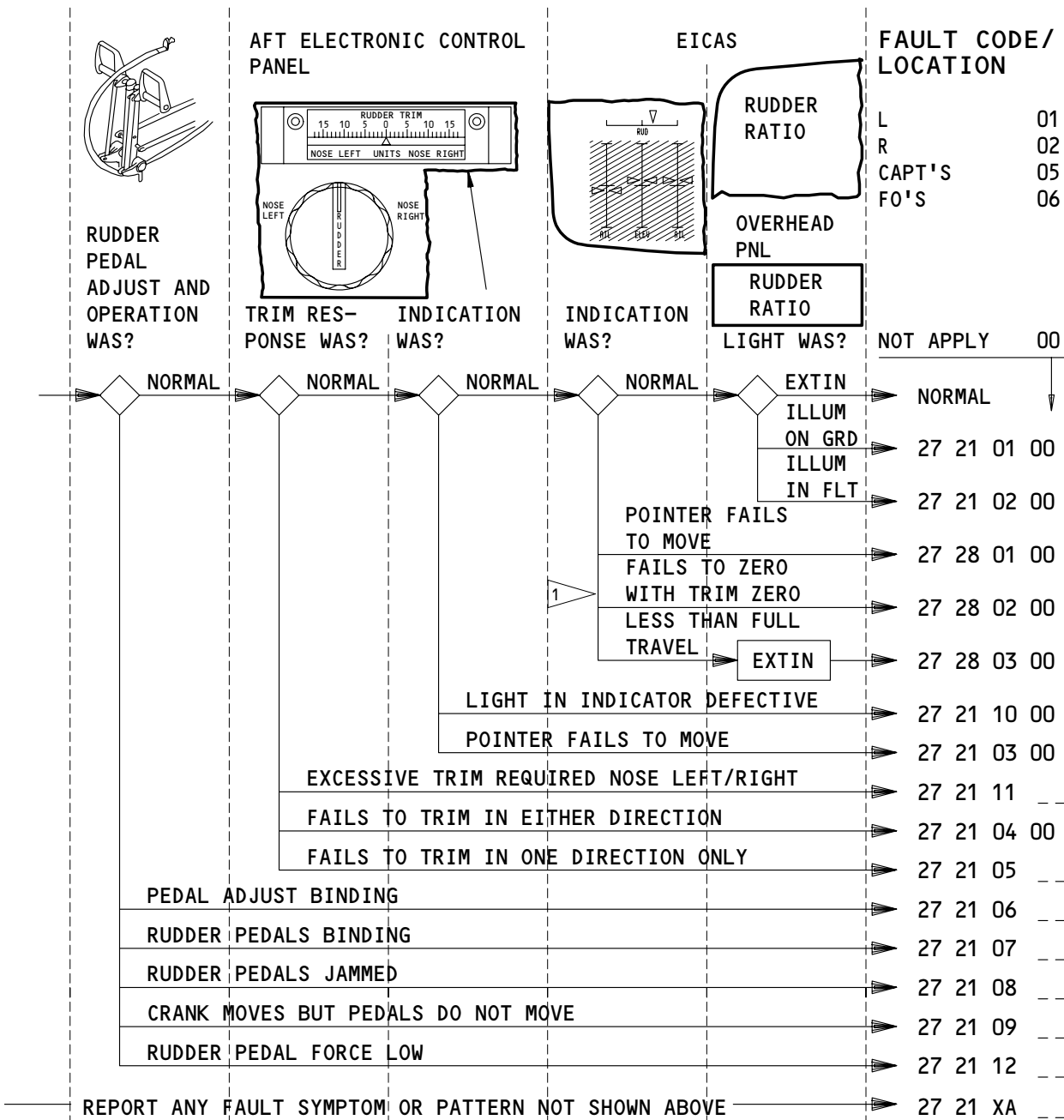
03

FLIGHT CONTROLS

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1 RUDDER MAY SHIFT LEFT DURING CLIMB AND RIGHT DURING DESCENT DUE TO COLD SOAK.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C5	RUDDER TRIM	11K16	RUDDER POS	11K18	RUDDER TRIM
11G10	RUDDER RATIO	11K17	RUDDER TRIM POS		

RUDDER - FAULT CODES

EFFECTIVITY

ALL

FLIGHT CONTROLS

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
27 21 01 00	RUDDER RATIO lgt illum on the gnd. EICAS msg RUDDER RATIO displayed.
27 21 02 00	RUDDER RATIO lgt illum in flight. EICAS msg RUDDER RATIO displayed.
27 28 01 00	RUD pos ind fails to ind rudder movement.
27 28 02 00	RUD pos ind fails to ind zero with RUDDER TRIM zero.
27 28 03 00	RUD ind indicates less than full travel.
27 21 10 00	Light in rudder trim position indicator defective. (out, intermittent, etc).
27 21 03 00	Rudder trim pointer fails to move.
27 21 11 __	__ units rudder trim required in nose (01=L, 02=R) direction while in (climb, cruise, descent, explain condition).
27 21 04 00	Rudder trim failed to trim in either direction.
27 21 05 __	Rudder trim failed to trim in (01=L, 02=R) direction.
27 21 06 __	(05=CAPT's, 06=F/O's) rudder pedal adjustment binding.
27 21 07 __	(05=CAPT's, 06=F/O's) rudder pedals binding.
27 21 08 __	(05=CAPT's, 06=F/O's) rudder pedals jammed.
27 21 09 __	(05=CAPT's, 06 =F/O's) rudder pedal adjustment crank moves but pedals do not move.
27 21 12 __	RUDDER PEDAL forces low, pedal returned to center.
27 21 XA __	Report rudder symptoms or patterns along with fault codes.

RUDDER - LOG BOOK REPORTS

EFFECTIVITY

ALL

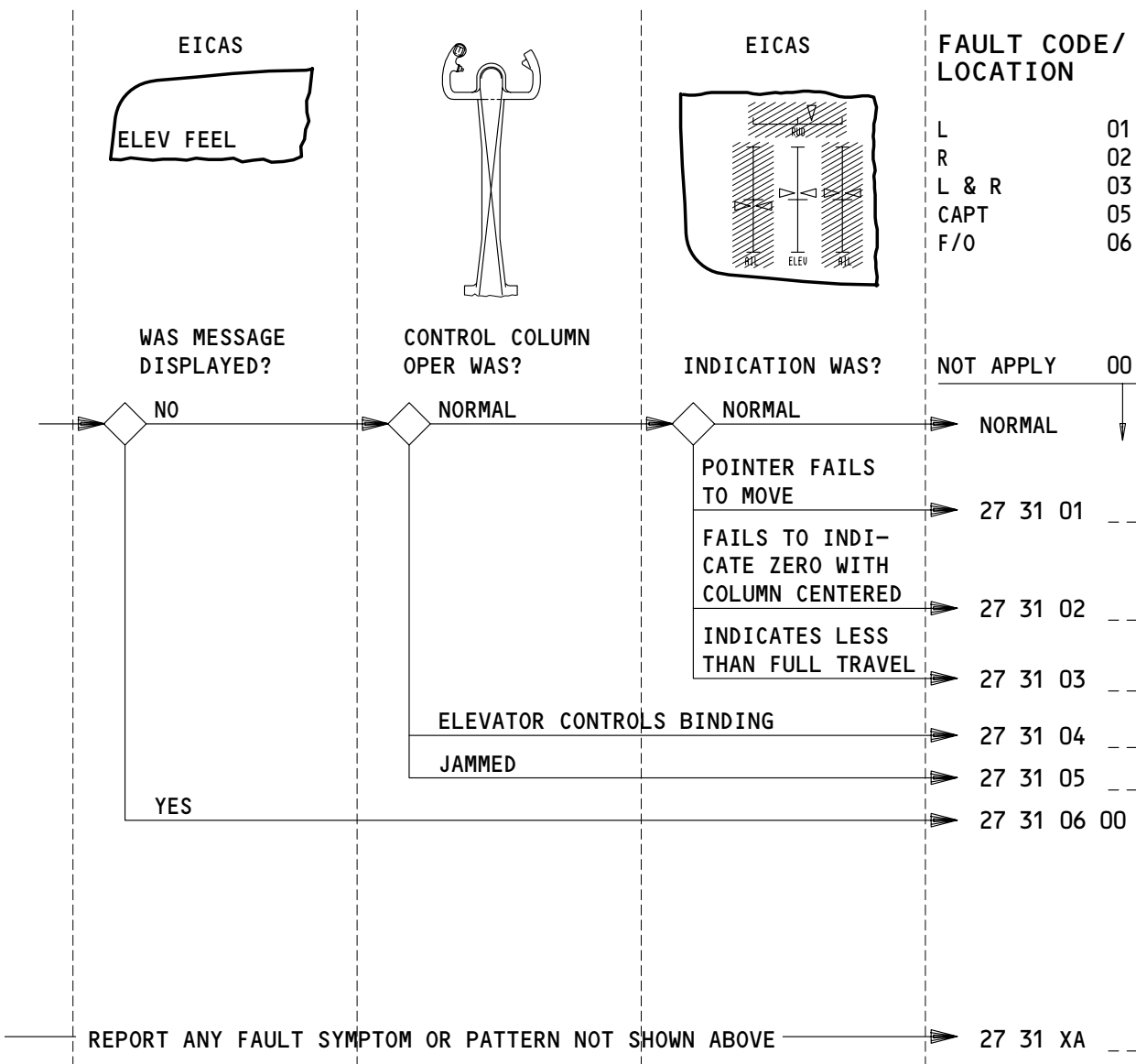
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APPLICABLE CIRCUIT BREAKERS

11K13	ELEV POS L
11K22	ELEV POS R

ELEVATOR – FAULT CODES

EFFECTIVITY

ALL

01

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 27 31 01 __ (01=L, 02=R, 03=L & R) elevator position ind fails to move with control column movement.
- 27 31 02 __ (01=L, 02=R, 03=L & R) elevator position ind fails to indicate zero with control column centered.
- 27 31 03 __ (01=L, 02=R, 03=L & R) elevator position indicates less than full travel.
- | 27 31 04 __ (05=Capt, 06=F/O) elevator control is binding.
- | 27 31 05 __ (05=Capt, 06=F/O) elevator control is jammed.
- 27 31 06 00 EICAS status msg ELEV FEEL displayed.
- 27 31 XA __ Report elevator symptoms or patterns along with fault codes.

ELEVATOR - LOG BOOK REPORTS

EFFECTIVITY

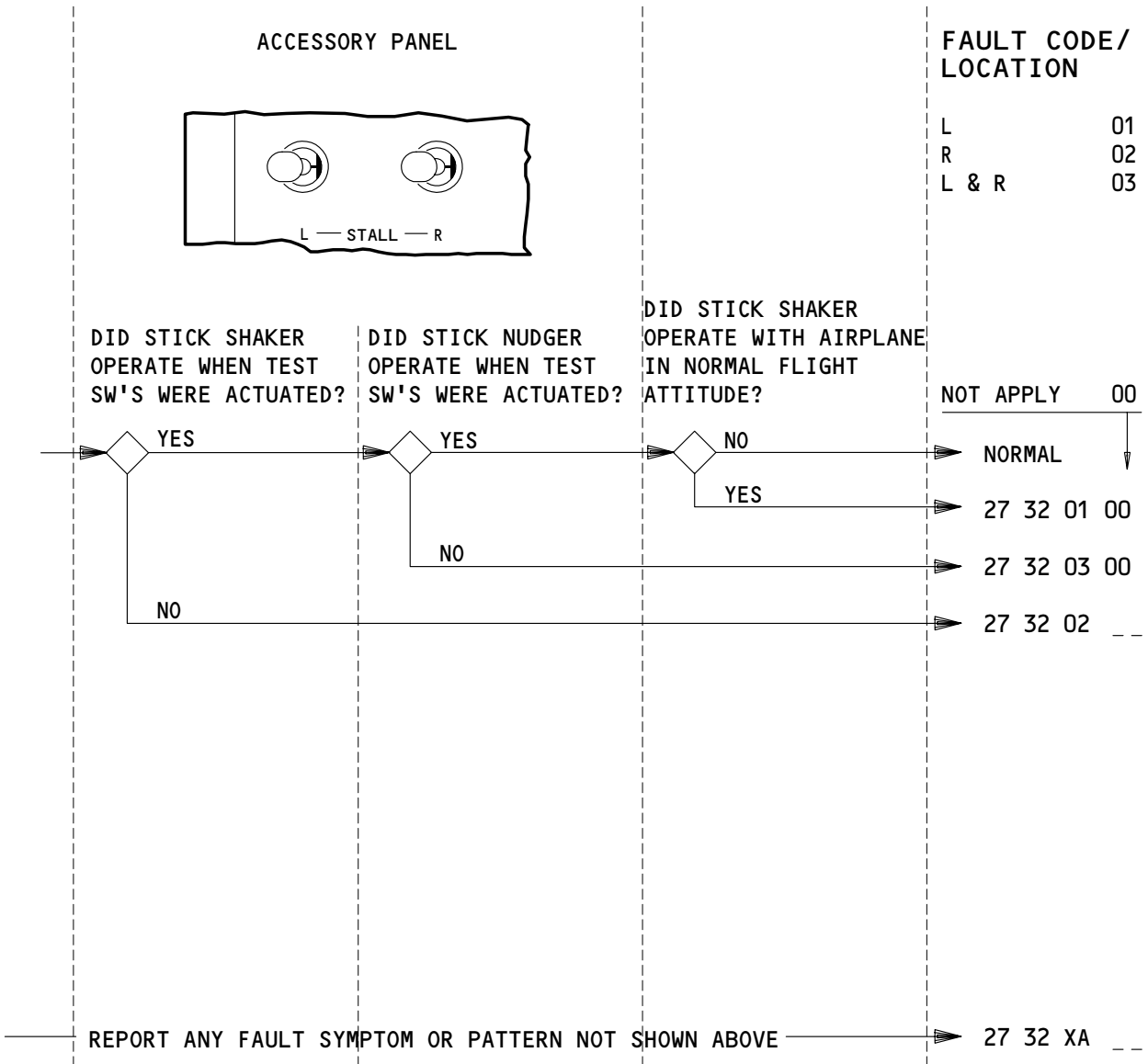
ALL

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FLIGHT CONTROLS

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APPLICABLE CIRCUIT BREAKERS

11B18	WARN ELEX B	11J34	WARN ELEX A
11C11	STICK SHAKER L	11K10	STICK NUDGER
11J22	STICK SHAKER R		

STALL WARNING/STICK NUDGER - FAULT CODES

EFFECTIVITY

ALL

03

FLIGHT CONTROLS

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

27 32 01 00 Stick shaker operates with airplane in normal flt attitude.

27 32 03 00 Stick nudger failed to operate when stall warning test switches were actuated.

27 32 02 __ Stick shaker failed to operate when (01=L, 02=R, 03=L & R) stall warning test switch was actuated.

| 27 32 XA __ Report stall warning/stick nudger symptoms or patterns along with fault codes.

STALL WARNING/STICK NUDGER - LOG BOOK REPORTS

EFFECTIVITY

ALL

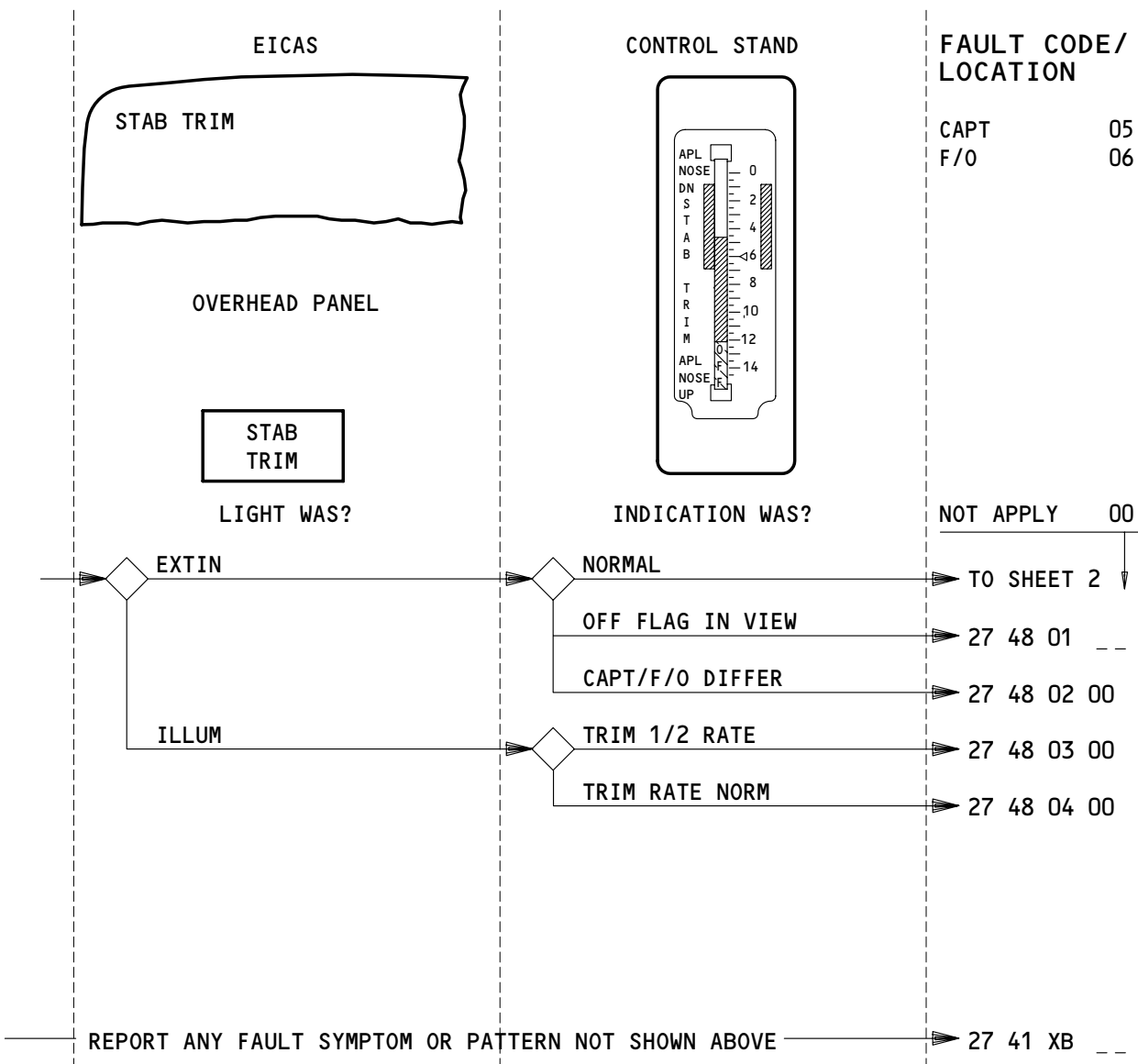
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APPLICABLE CIRCUIT BREAKERS AS INSTALLED

<table border="0" style="width: 100%;"> <tr><td style="width: 100px;">11C12</td><td style="border: 1px solid black; padding: 2px;">STAB TRIM SHUTOFF L</td></tr> <tr><td>11C13</td><td style="border: 1px solid black; padding: 2px;">STAB TRIM SHUTOFF C</td></tr> <tr><td>11C13</td><td style="border: 1px solid black; padding: 2px;">STAB TRIM SHUTOFF CTR</td></tr> <tr><td>11H10</td><td style="border: 1px solid black; padding: 2px;">STAB TRIM POS IND L</td></tr> <tr><td>11H10</td><td style="border: 1px solid black; padding: 2px;">LEFT STAB TRIM POS IND</td></tr> </table>	11C12	STAB TRIM SHUTOFF L	11C13	STAB TRIM SHUTOFF C	11C13	STAB TRIM SHUTOFF CTR	11H10	STAB TRIM POS IND L	11H10	LEFT STAB TRIM POS IND	<table border="0" style="width: 100%;"> <tr><td style="width: 100px;">11H11</td><td style="border: 1px solid black; padding: 2px;">STAB TRIM CONT L</td></tr> <tr><td>11H11</td><td style="border: 1px solid black; padding: 2px;">LEFT STAB TRIM CONT</td></tr> <tr><td>11H19</td><td style="border: 1px solid black; padding: 2px;">STAB TRIM POS IND R</td></tr> <tr><td>11H20</td><td style="border: 1px solid black; padding: 2px;">STAB TRIM CONT R</td></tr> </table>	11H11	STAB TRIM CONT L	11H11	LEFT STAB TRIM CONT	11H19	STAB TRIM POS IND R	11H20	STAB TRIM CONT R
11C12	STAB TRIM SHUTOFF L																		
11C13	STAB TRIM SHUTOFF C																		
11C13	STAB TRIM SHUTOFF CTR																		
11H10	STAB TRIM POS IND L																		
11H10	LEFT STAB TRIM POS IND																		
11H11	STAB TRIM CONT L																		
11H11	LEFT STAB TRIM CONT																		
11H19	STAB TRIM POS IND R																		
11H20	STAB TRIM CONT R																		

STABILIZER TRIM (SHEET 1) – FAULT CODES

EFFECTIVITY

ALL

05

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FAULT CODE

LOG BOOK REPORT

- 27 48 01 __ (05=CAPT's, 06=F/O's) Control stand stab trim indicator OFF flag in view.

- 27 48 02 00 Control stand stab trim indicators differ.

- 27 48 03 00 EICAS msg STAB TRIM displayed & STAB TRIM light illuminated. Stabilizer trim operates at 1/2 speed.

- 27 48 04 00 EICAS msg STAB TRIM displayed & STAB TRIM light illuminated. Stabilizer trim rate normal.

- 27 41 XB __ Report stabilizer trim symptoms or patterns along with fault code.

STABILIZER TRIM (SHEET 1) - LOG BOOK REPORTS

EFFECTIVITY

ALL

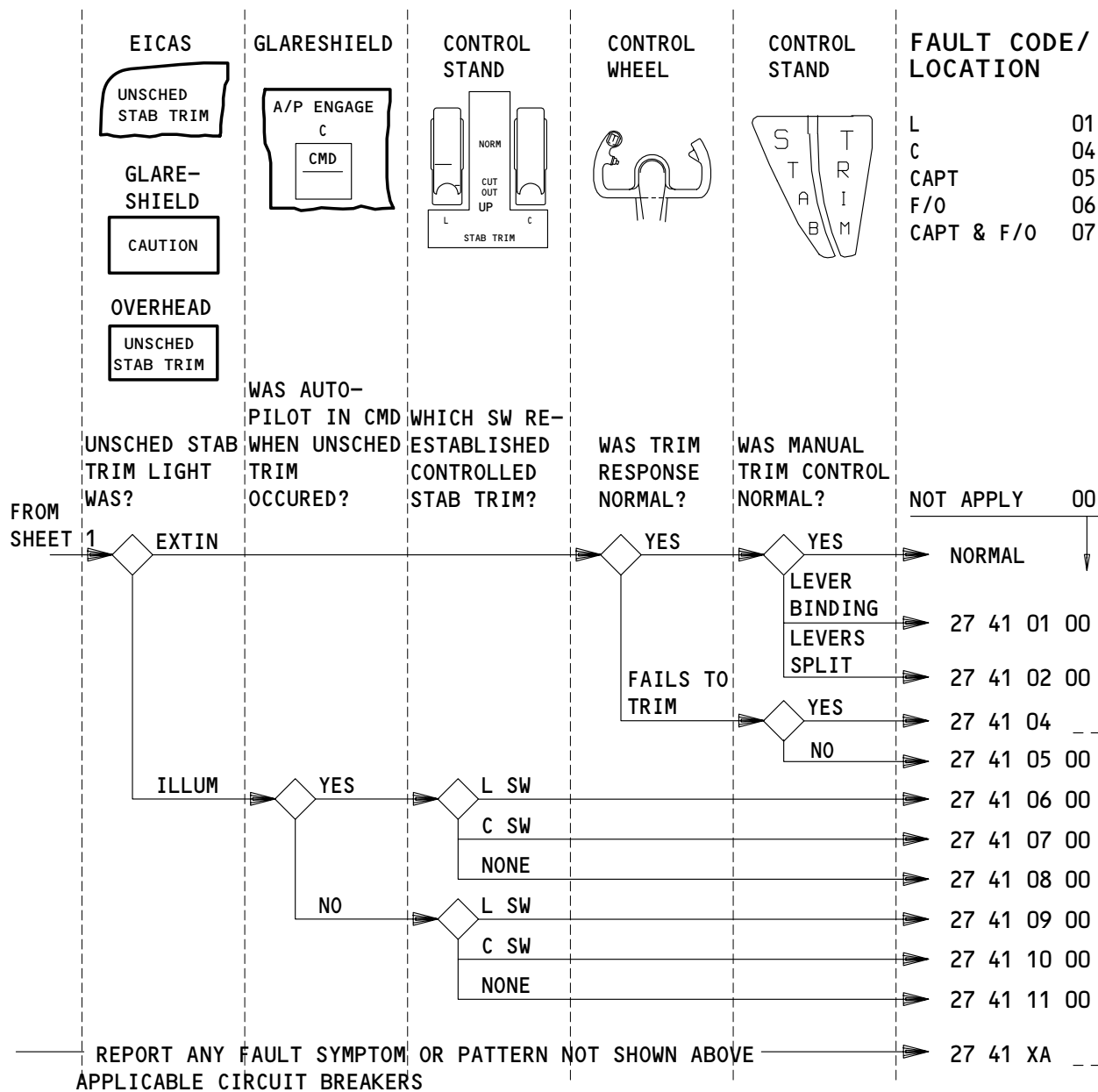
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11C6	FLT CONT ELEC 1L AC	11C13	STAB TRIM SHUTOFF CTR
11C7	FLT CONT ELEC 1L DC	11G17	FLT CONT ELEC 1R AC
11C8	FLT CONT ELEC 2L AC	11G18	FLT CONT ELEC 1R DC
11C9	FLT CONT ELEC 2L DC	11G26	FLT CONT ELEC 2R AC
11C12	STAB TRIM SHUTOFF L	11G27	FLT CONT ELEC 2R DC

STABILIZER TRIM (SHEET 2) – FAULT CODES

EFFECTIVITY
WITH STAB TRIM LEVERS

FLIGHT CONTROLS

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 FAULT REPORTING MANUAL

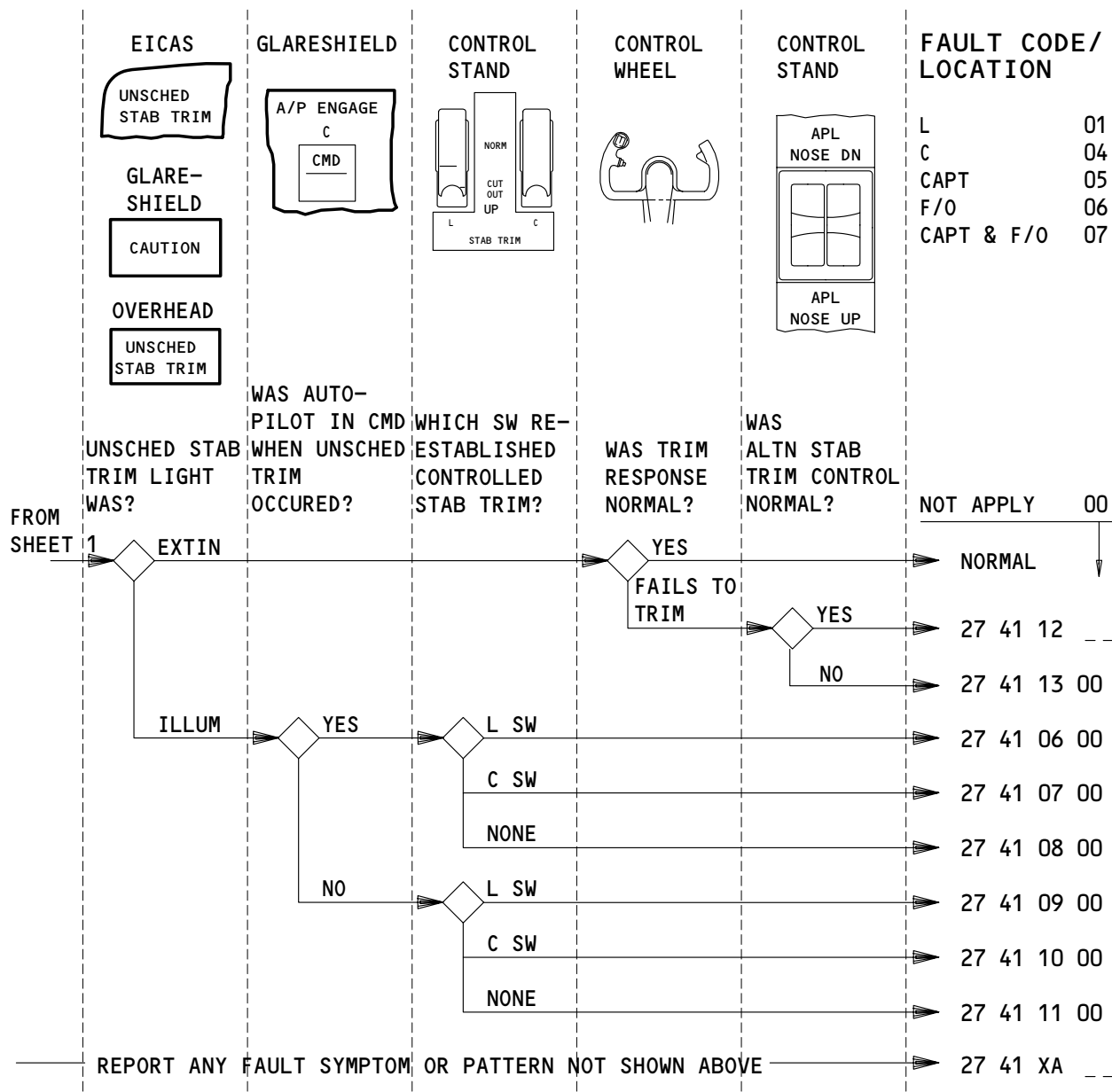
FAULT CODE	LOG BOOK REPORT
27 41 01 00	Stabilizer trim levers binding.
27 41 02 00	Stabilizer trim levers split.
27 41 04 __	Stab trim failed to operate using (05=Capt, 06=F/O, 07=Capt & F/O) control wheel sw(s). Manual trim control was normal.
27 41 05 00	Stab trim failed to operate using electric trim switches. Manual trim control is also inoperative.
27 41 06 00	EICAS msg UNSCHED STAB TRIM displayed, UNSCHED STAB TRIM light illuminated with (L, C, R) Auto-pilot in command. STAB TRIM cutout sw L re-established controlled stab trim.
27 41 07 00	EICAS msg UNSCHED STAB TRIM displayed, UNSCHED STAB TRIM light illuminated with (L, C, R) Auto-pilot in command. Stab trim cutout sw C re-established controlled stab trim.
27 41 08 00	EICAS msg UNSCHED STAB TRIM displayed, UNSCHED STAB TRIM light illuminated with (L, C, R) Auto-pilot in command. Neither stab trim cutout sw re-established controlled stab trim.
27 41 09 00	EICAS msg UNSCHED STAB TRIM displayed, UNSCHED STAB TRIM light illuminated with Auto-pilot off. Stab trim cutout sw L re-established controlled stab trim.
27 41 10 00	EICAS msg UNSCHED STAB TRIM displayed, UNSCHED STAB TRIM light illuminated with Auto-pilot off. Stab trim cutout sw C re-established controlled stab trim.
27 41 11 00	EICAS msg UNSCHED STAB TRIM displayed, UNSCHED STAB TRIM light illuminated with Auto-pilot off. Neither stab trim cutout sw re-established controlled stab trim.
27 41 XA __	Report stabilizer trim symptoms or patterns along with fault code.

STABILIZER TRIM (SHEET 2) – LOG BOOK REPORTS

EFFECTIVITY WITH STAB TRIM LEVERS

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APPLICABLE CIRCUIT BREAKERS

11A36	STAB TRIM ALTN	11C12	STAB TRIM SHUTOFF L
11C6	FLT CONT ELEC 1L AC	11C13	STAB TRIM SHUTOFF CTR
11C7	FLT CONT ELEC 1L DC	11G17	FLT CONT ELEC 1R AC
11C8	FLT CONT ELEC 2L AC	11G18	FLT CONT ELEC 1R DC
11C9	FLT CONT ELEC 2L DC	11G26	FLT CONT ELEC 2R AC
		11G27	FLT CONT ELEC 2R DC

STABILIZER TRIM (SHEET 2) - FAULT CODES

EFFECTIVITY
WITH ALTN STAB TRIM SWITCHES

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
27 41 12 __	Stab trim failed to operate using (05=Capt, 06=F/O, 07=Capt & F/O) control wheel sw(s). ALTN control was normal.
27 41 13 00	Stab trim failed to operate using electric trim switches. ALTN control is also inoperative.
27 41 06 00	EICAS msg UNSCHED STAB TRIM displayed, UNSCHED STAB TRIM light illuminated with (L, C, R) Auto-pilot in command. STAB TRIM cutout sw L re-established controlled stab trim.
27 41 07 00	EICAS msg UNSCHED STAB TRIM displayed, UNSCHED STAB TRIM light illuminated with (L, C, R) Auto-pilot in command. Stab trim cutout sw C re-established controlled stab trim.
27 41 08 00	EICAS msg UNSCHED STAB TRIM displayed, UNSCHED STAB TRIM light illuminated with (L, C, R) Auto-pilot in command. Neither stab trim cutout sw re-established controlled stab trim.
27 41 09 00	EICAS msg UNSCHED STAB TRIM displayed, UNSCHED STAB TRIM light illuminated with Auto-pilot off. Stab trim cutout sw L re-established controlled stab trim.
27 41 10 00	EICAS msg UNSCHED STAB TRIM displayed, UNSCHED STAB TRIM light illuminated with Auto-pilot off. Stab trim cutout sw C re-established controlled stab trim.
27 41 11 00	EICAS msg UNSCHED STAB TRIM displayed, UNSCHED STAB TRIM light illuminated with Auto-pilot off. Neither stab trim cutout sw re-established controlled stab trim.
27 41 XA __	Report stabilizer trim symptoms or patterns along with fault code.

STABILIZER TRIM (SHEET 2) – LOG BOOK REPORTS

EFFECTIVITY
WITH ALTN STAB TRIM SWITCHES

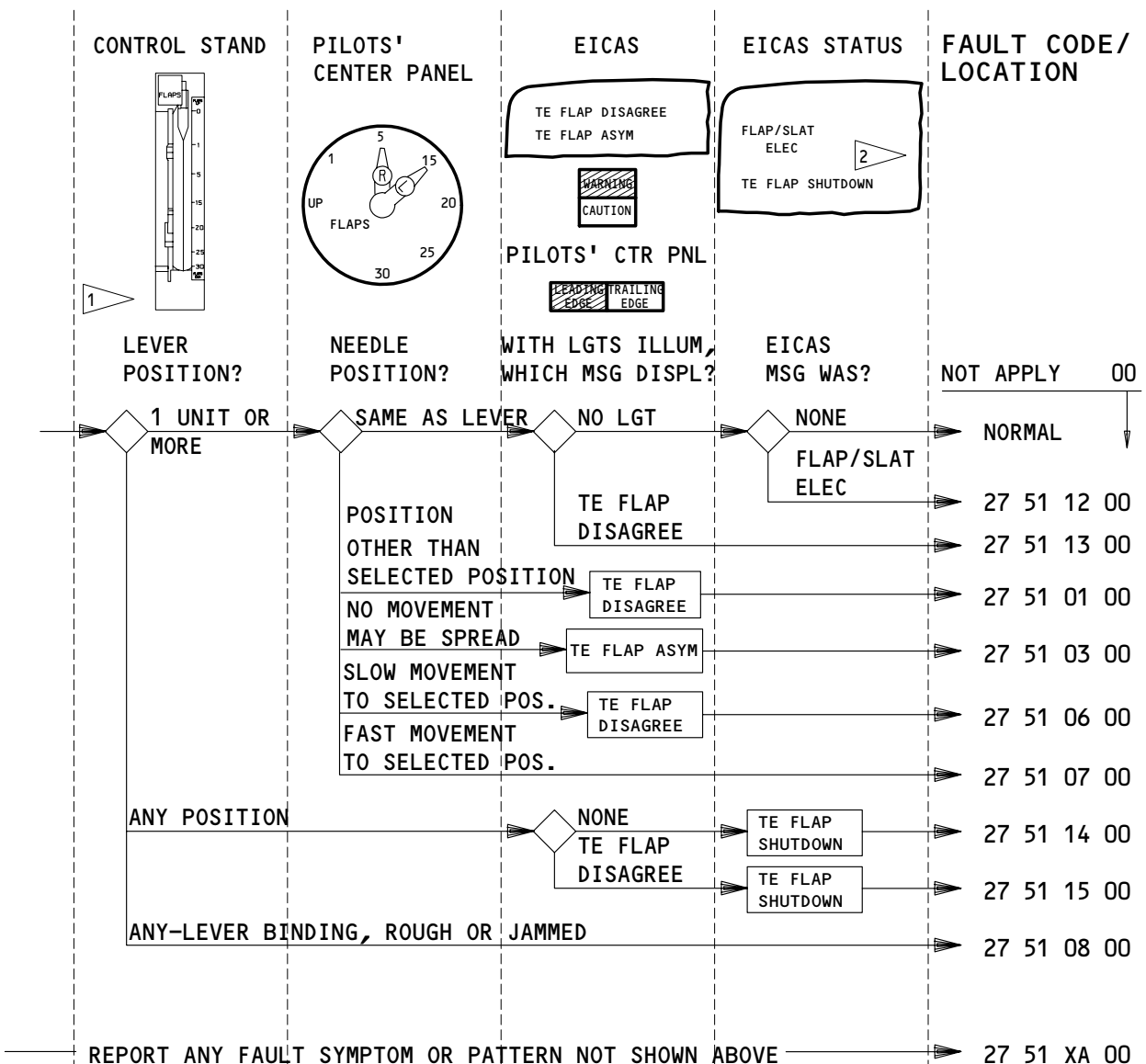
04

FLIGHT CONTROLS

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1 FOR FLAP PROBLEMS WITH FLAP LEVER FROM "0" TO "1", SEE "LEADING EDGE SLATS (POS 0 TO 1 & 25)" FAULT CODES. TRAILING EDGE FLAPS ARE FULL UP WITH FLAP LEVER IN "0" OR "1".

2 INHIBITED BY TE FLAP ASYM.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C4	FLAP/SLAT POS IND	11J13	FLAP LOAD RELIEF
11C15	FLAP SLAT ELEC UNIT 1 SENSOR	11J14	FLAP SHUTOFF
11C16	FLAP SLAT ELEC UNIT 1 CONT	11J15	FLAP POS IND L
11G15	FLAP SLAT ELEC UNIT 2 SENSOR	11J16	FLAP POS IND R
11G16	FLAP SLAT ELEC UNIT 2 CONT		

TRAILING EDGE FLAPS (POS 1 TO 30) - FAULT CODES

EFFECTIVITY

ALL

FLIGHT CONTROLS

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FAULT CODE	LOG BOOK REPORT
27 51 12 00	EICAS msg FLAP/SLAT ELEC displayed.
27 51 13 00	EICAS msg TE FLAP DISAGREE displayed and TRAILING EDGE flap light illum with flap lever and indicator in same position.
27 51 01 00	EICAS msg TE FLAP DISAGREE displayed, TRAILING EDGE light illum, when any TE flap position selected. Flaps fail to move to selected position.
27 51 03 00	EICAS msg TE FLAP ASYM displayed. TRAILING EDGE light illum. No flap movement.
27 51 06 00	TE flaps very slow when moving to the selected position. EICAS msg: TE FLAP DISAGREE displayed. TRAILING EDGE light illum.
27 51 07 00	TE flaps move to selected position at an excessive rate.
27 51 14 00	EICAS msg TE FLAP SHUTDOWN displayed.
27 51 15 00	EICAS msgs TE FLAP DISAGREE & TE FLAP SHUTDOWN displayed.
27 51 08 00	Flap lever (jams, binds or is rough) when selecting any TE flap position.
27 51 XA 00	Report trailing edge flaps (pos 1 to 30) symptoms or patterns along with fault code.

TRAILING EDGE FLAPS (POS 1 TO 30) – LOG BOOK REPORTS

EFFECTIVITY

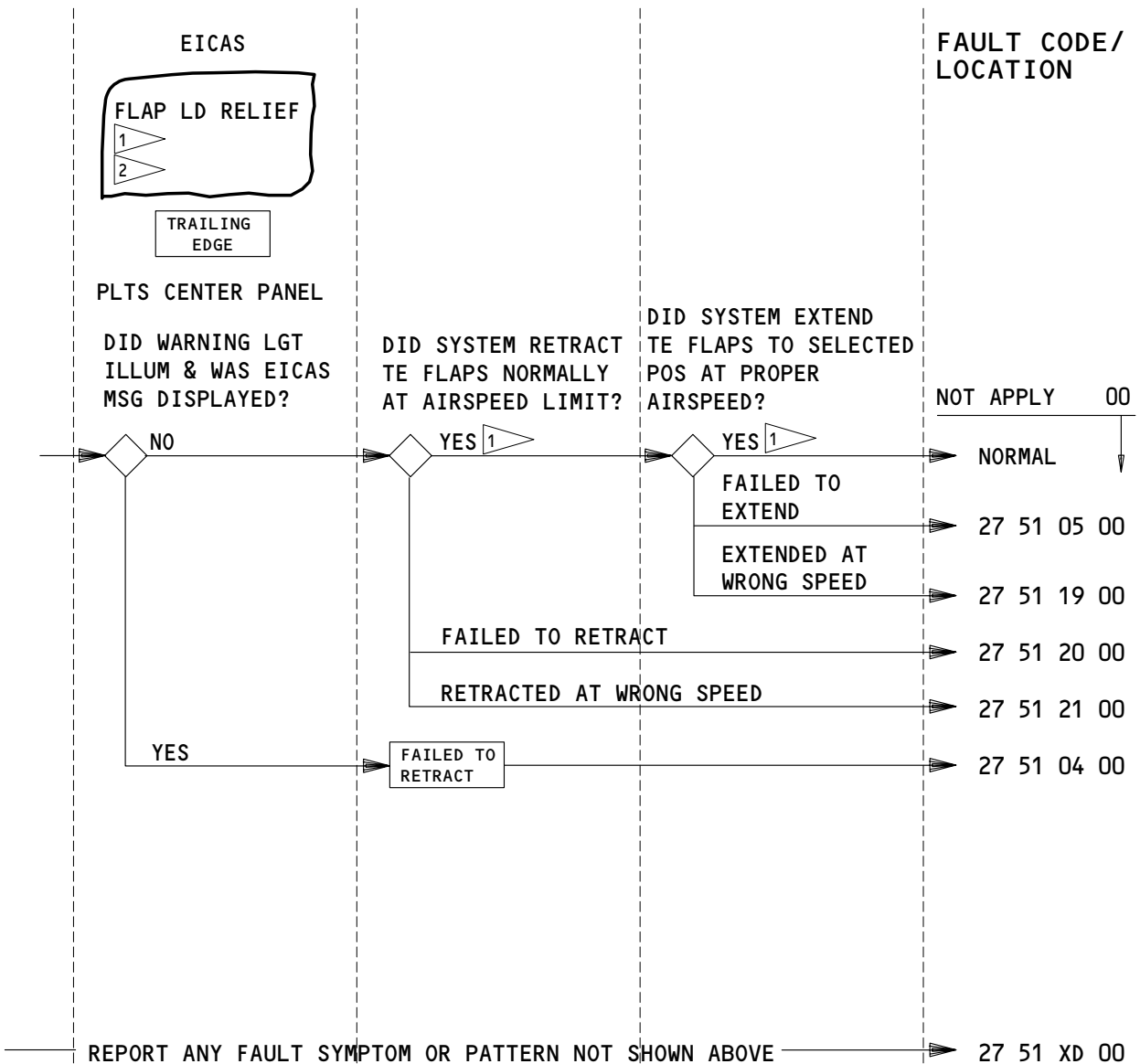
ALL

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FLIGHT CONTROLS

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- 1 FLAP LOAD RELIEF OCCURS 2 TO 5 KNOTS ABOVE FLAP PLACARD SPEED AND FLAPS RESET TO SELECTED POSITION WHEN AIRSPEED DECREASES 4 KNOTS BELOW LOAD RELIEF SPEED.
- 2 FLAP LOAD RELIEF PROTECTION IS NOT AVAILABLE WHEN USING ALTERNATE FLAPS.

APPLICABLE CIRCUIT BREAKERS

11C15	FLAP SLAT ELEC UNIT 1 SENSOR	11G16	FLAP SLAT ELEC UNIT 2 CONT
11C16	FLAP SLAT ELEC UNIT 1 CONT	11J13	FLAP LOAD RELIEF
11G15	FLAP SLAT ELEC UNIT 2 SENSOR		

FLAP LOAD RELIEF - FAULT CODES

EFFECTIVITY

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FAULT CODE	LOG BOOK REPORT
27 51 05 00	Trailing edge flaps did not extend to selected setting after flaps retracted by load relief.
27 51 19 00	Trailing edge flaps extended to selected setting at the wrong airspeed following load relief. Airspeed was__knots.
27 51 20 00	Trailing edge flaps failed to retract to lower flap setting when flap placard speed was exceeded. Flap setting was__. Airspeed was__knots.
27 51 21 00	Trailing edge flaps retracted to lower flap setting at wrong airspeed. Airspeed was__knots.
27 51 04 00	EICAS msg FLAP LD RELIEF displayed and TRAILING EDGE lgt on pilots center panel illum. Flaps failed to retract when flap placard speed exceeded. Airspeed was__knots.
27 51 XD 00	Report flap load relief symptoms and patterns along with fault code.

FLAP LOAD RELIEF - LOG BOOK REPORTS

EFFECTIVITY

ALL

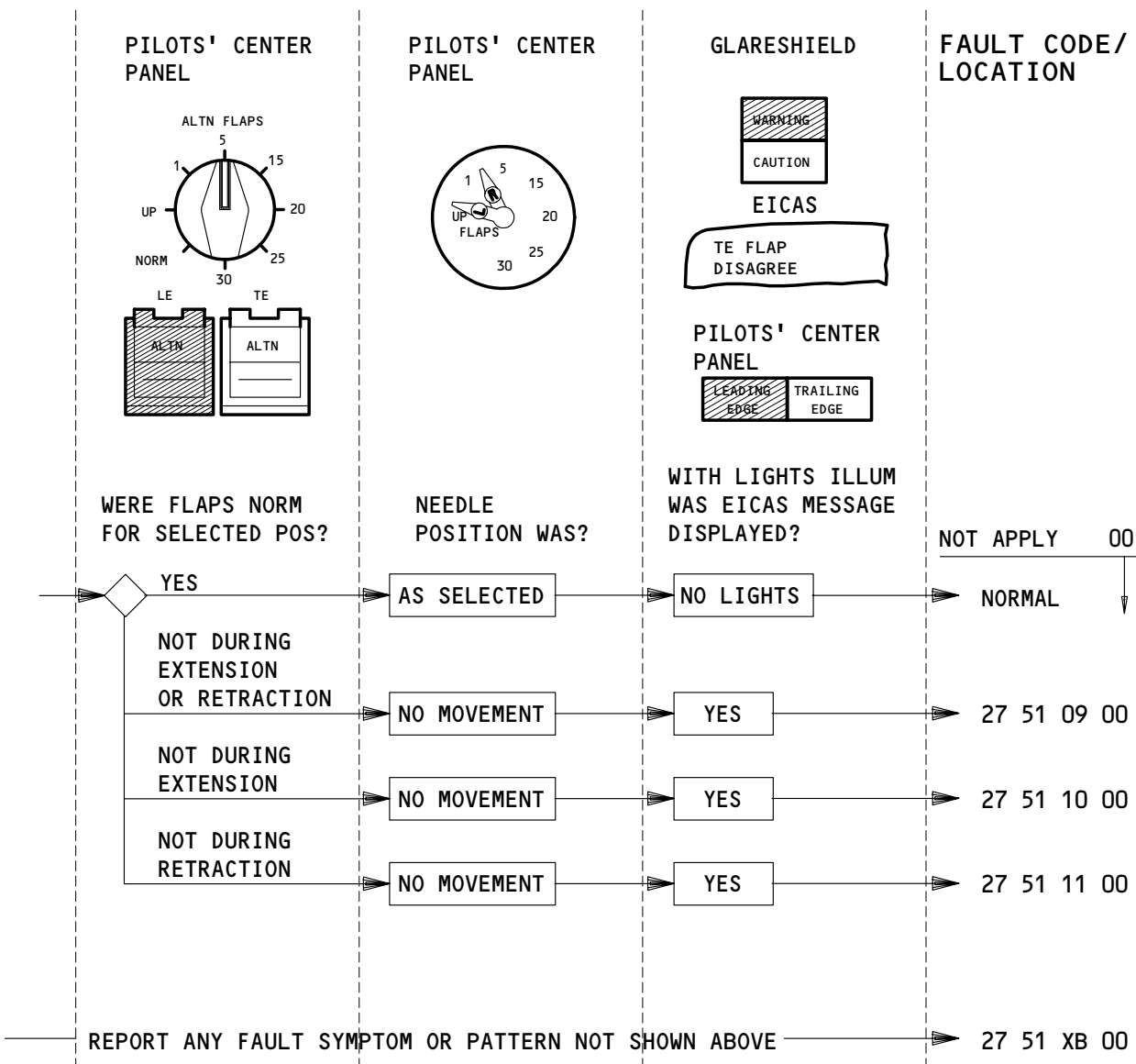
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APPLICABLE CIRCUIT BREAKERS

6D24	ALTN FLAP PWR	11G23	FLAP SLAT ELEC UNIT 3 CONT
11G15	FLAP SLAT ELEC UNIT 2 SENSOR	11J15	FLAP POS IND L
11G16	FLAP SLAT ELEC UNIT 2 CONT	11J16	FLAP POS IND R
11G22	FLAP SLAT ELEC UNIT 3 SENSOR	11J24	FLAP ALTN CONT

ALTERNATE TRAILING EDGE FLAPS - FAULT CODES

EFFECTIVITY

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FAULT CODE

LOG BOOK REPORT

- 27 51 09 00 TRAILING EDGE FLAPS will not extend or retract when using the alternate mode. EICAS msg TE FLAP DISAGREE displayed.
- 27 51 10 00 TRAILING EDGE FLAPS will not extend when using the alternate mode. EICAS msg TE FLAP DISAGREE displayed.
- 27 51 11 00 TRAILING EDGE FLAPS will not retract when using the alternate mode. EICAS msg TE FLAP DISAGREE displayed.
- 27 51 XB 00 Report alternate trailing edge flaps symptoms or patterns along with fault codes.

ALTERNATE TRAILING EDGE FLAPS – LOG BOOK REPORTS

EFFECTIVITY

ALL

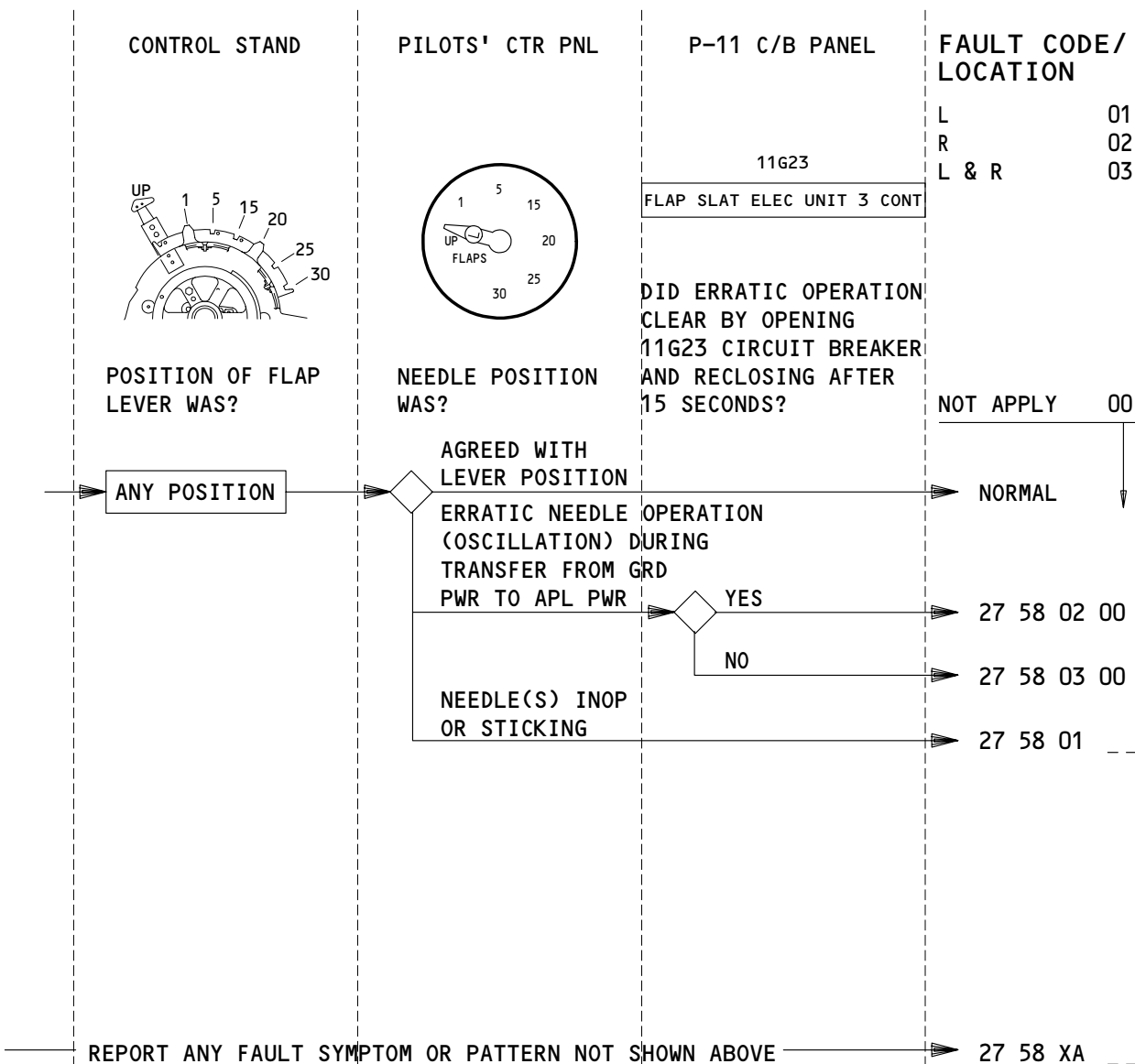
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APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C4	FLAP/SLAT POS IND	11G22	FLAP SLAT ELEC UNIT 3 SENSOR
11C15	FLAP SLAT ELEC UNIT 1 SENSOR	11G23	FLAP SLAT ELEC UNIT 3 CONT
11C16	FLAP SLAT ELEC UNIT 1 CONT	11H14	SLAT SHUTOFF
11G15	FLAP SLAT ELEC UNIT 2 SENSOR	11J11	FLAP/SLAT POS IND
11G16	FLAP SLAT ELEC UNIT 2 CONT	11T36	PROX SW TEST
		11T36	TEST PROX SW

FLAP POSITION INDICATOR – FAULT CODES

EFFECTIVITY

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FAULT CODE

LOG BOOK REPORT

- | 27 58 02 00 Flap position needle erratic operation (oscillation) during transfer from grd pwr to airplane pwr. Erratic operation cleared by opening circuit breaker 11G23 then reclosing after 15 seconds.
- | 27 58 03 00 Flap position needle erratic operation (oscillation) during transfer from grd pwr to airplane pwr. Erratic operation did not clear by opening circuit breaker 11G23 then reclosing after 15 seconds.
- 27 58 01 -- (01=Left, 02=Right, 03=Left & Right) flap position indicator needle(s) (inoperative, stick) during TE flaps operation.
- 27 58 XA -- Report Flap Position Indicator symptoms or patterns along with fault codes.

FLAP POSITION INDICATOR – LOG BOOK REPORTS

EFFECTIVITY

ALL

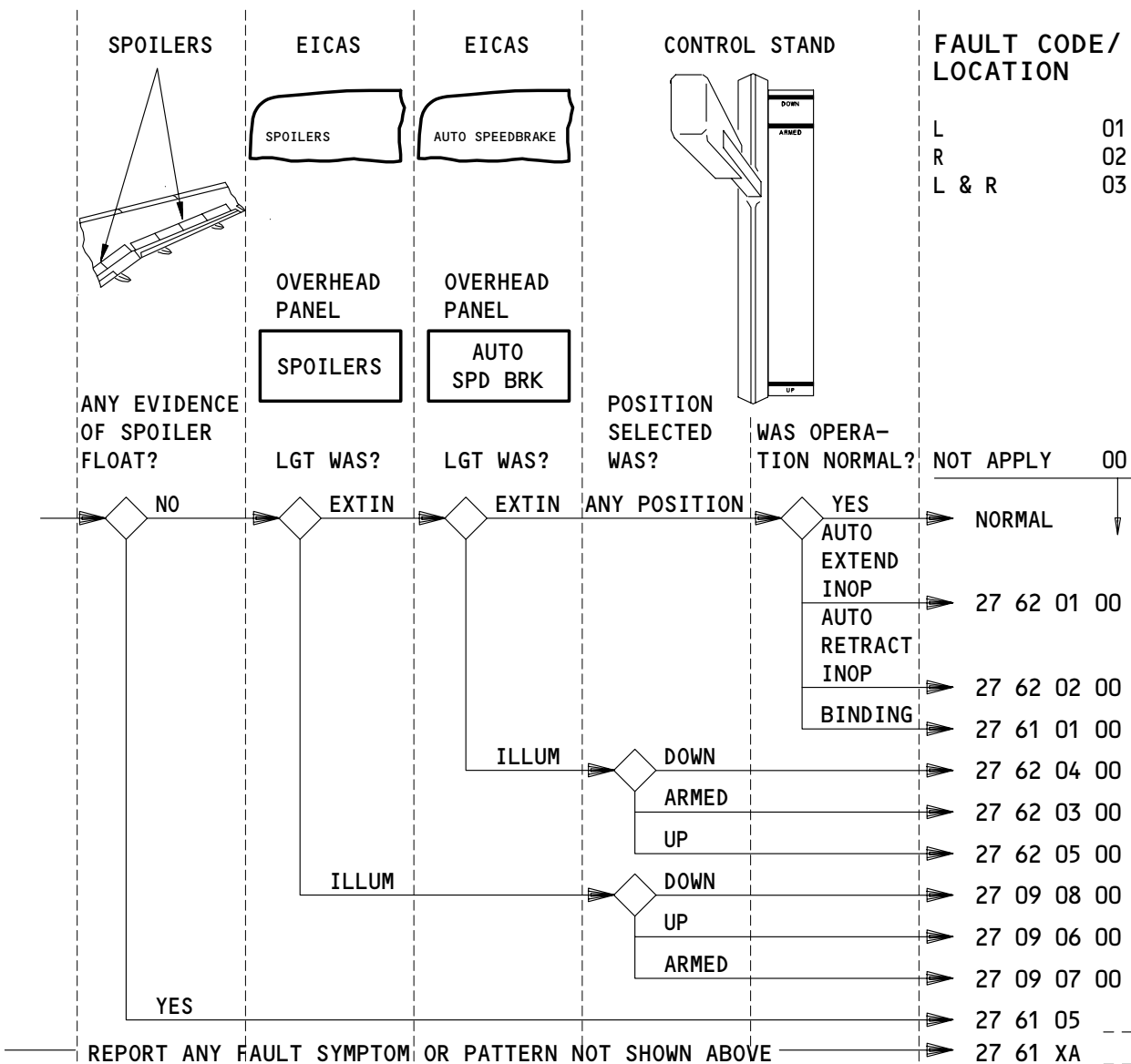
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APPLICABLE CIRCUIT BREAKERS

11C6	FLT CONT ELEC 1L AC	11G17	FLT CONT ELEC 1R AC
11C7	FLT CONT ELEC 1L DC	11G18	FLT CONT ELEC 1R DC
11C8	FLT CONT ELEC 2L AC	11G26	FLT CONT ELEC 2R AC
11C9	FLT CONT ELEC 2L DC	11G27	FLT CONT ELEC 2R DC
11G11	AUTO SPEED BRAKE		

SPOILERS/SPEEDBRAKES – FAULT CODES

EFFECTIVITY

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FAULT CODE	LOG BOOK REPORT
27 62 01 00	Speedbrake lever failed to extend automatically on landing.
27 62 02 00	Speedbrake lever failed to retract automatically.
27 61 01 00	Speedbrake lever is binding during manual and automatic operation.
27 62 04 00	AUTO SPD BRK light illum and EICAS msg AUTO SPEEDBRAKE displayed with speedbrakes selected down.
27 62 03 00	AUTO SPD BRK light illum and EICAS msg AUTO SPEEDBRAKE displayed with speedbrakes selected to the armed position.
27 62 05 00	AUTO SPD BRAKE light illum and EICAS msg AUTO SPEEDBRAKE displayed with speedbrakes selected up.
27 09 08 00	SPOILERS light illum. EICAS msg SPOILERS displayed with spoilers selected down.
27 09 06 00	SPOILERS lgt illum and EICAS msg SPOILERS displayed with spoilers selected up.
27 09 07 00	SPOILERS lgt illum and EICAS msg SPOILERS displayed with spoilers selected to armed position.
27 61 05 __	(01=L, 02=R, 03=L & R) wing spoiler(s) float. (State panel(s) and amount of float if known)
27 61 XA __	Report spoilers/speedbrakes symptoms or patterns along with fault codes.

SPOILERS/SPEEDBRAKES - LOG BOOK REPORTS

EFFECTIVITY

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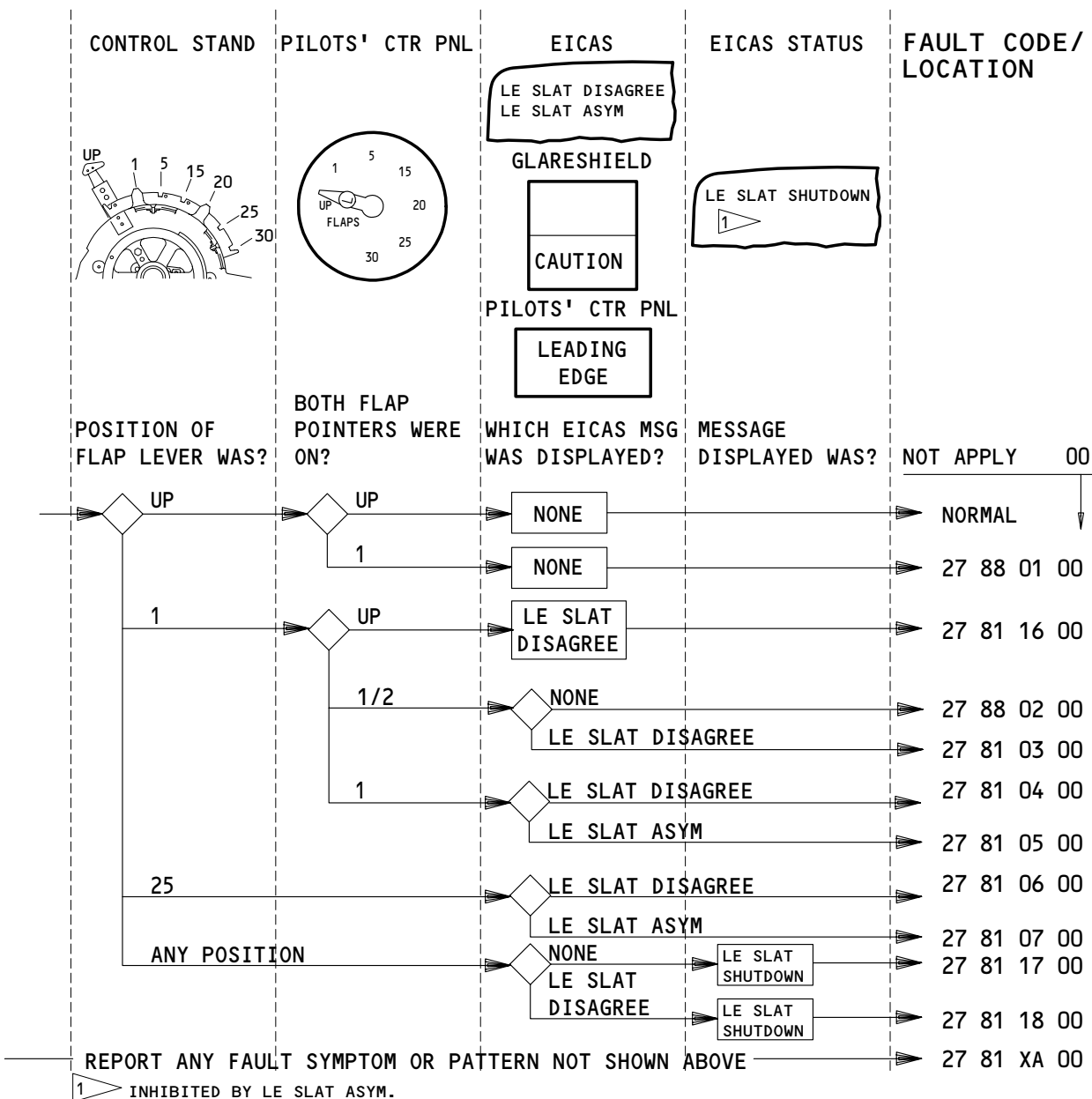
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APPLICABLE CIRCUIT BREAKERS AS INSTALLED			
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11C15	FLAP SLAT ELEC UNIT 1 SENSOR	11G23	FLAP SLAT ELEC UNIT 3 CONT
11C16	FLAP SLAT ELEC UNIT 1 CONT	11H14	SLAT SHUTOFF
11G15	FLAP SLAT ELEC UNIT 2 SENSOR	11J11	FLAP/SLAT POS IND
11G16	FLAP SLAT ELEC UNIT 2 CONT	11T36	PROX SW TEST
		11T36	TEST PROX SW

LEADING EDGE SLATS (POS 0 TO 1 & 25) - FAULT CODES

EFFECTIVITY
ALL

811078

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FAULT CODE	LOG BOOK REPORT
27 88 01 00	Both flap pointers were on 1 with the flap lever in up.
27 81 16 00	EICAS msg LE SLAT DISAGREE displayed, leading edge light illum with the flap lever in 1. Both flap pointers were on up.
27 88 02 00	Both flap pointers were in 1/2 up with the flap lever 1. No LEADING EDGE EICAS messages were displayed.
27 81 03 00	EICAS msg LE SLAT DISAGREE displayed, leading edge light illum with the flap lever in 1. Both flap pointers were on 1/2.
27 81 04 00	EICAS msg LE SLAT DISAGREE displayed, leading edge light illum with the flap lever in 1. Both flap pointers were correct.
27 81 05 00	EICAS msg LE SLAT ASYM displayed, leading edge light illum with the flap lever in 1. Both flap pointers were correct.
27 81 06 00	EICAS msg LE SLAT DISAGREE displayed, leading edge light illum with the flap lever in 25. Both flap pointers were correct.
27 81 07 00	EICAS msg LE SLAT ASYM displayed, leading edge light illum with the flap lever in 25. Both pointers were correct.
27 81 17 00	EICAS msg LE SLAT SHUTDOWN was displayed.
27 81 18 00	EICAS msgs LE SLAT DISAGREE & LE SLAT SHUTDOWN were displayed.
27 81 XA 00	Report leading edge slats (pos 0 to 1 & 25) symptoms or patterns along with fault code.

LEADING EDGE SLATS (POS 0 TO 1 & 25) – LOG BOOK REPORTS

EFFECTIVITY

ALL

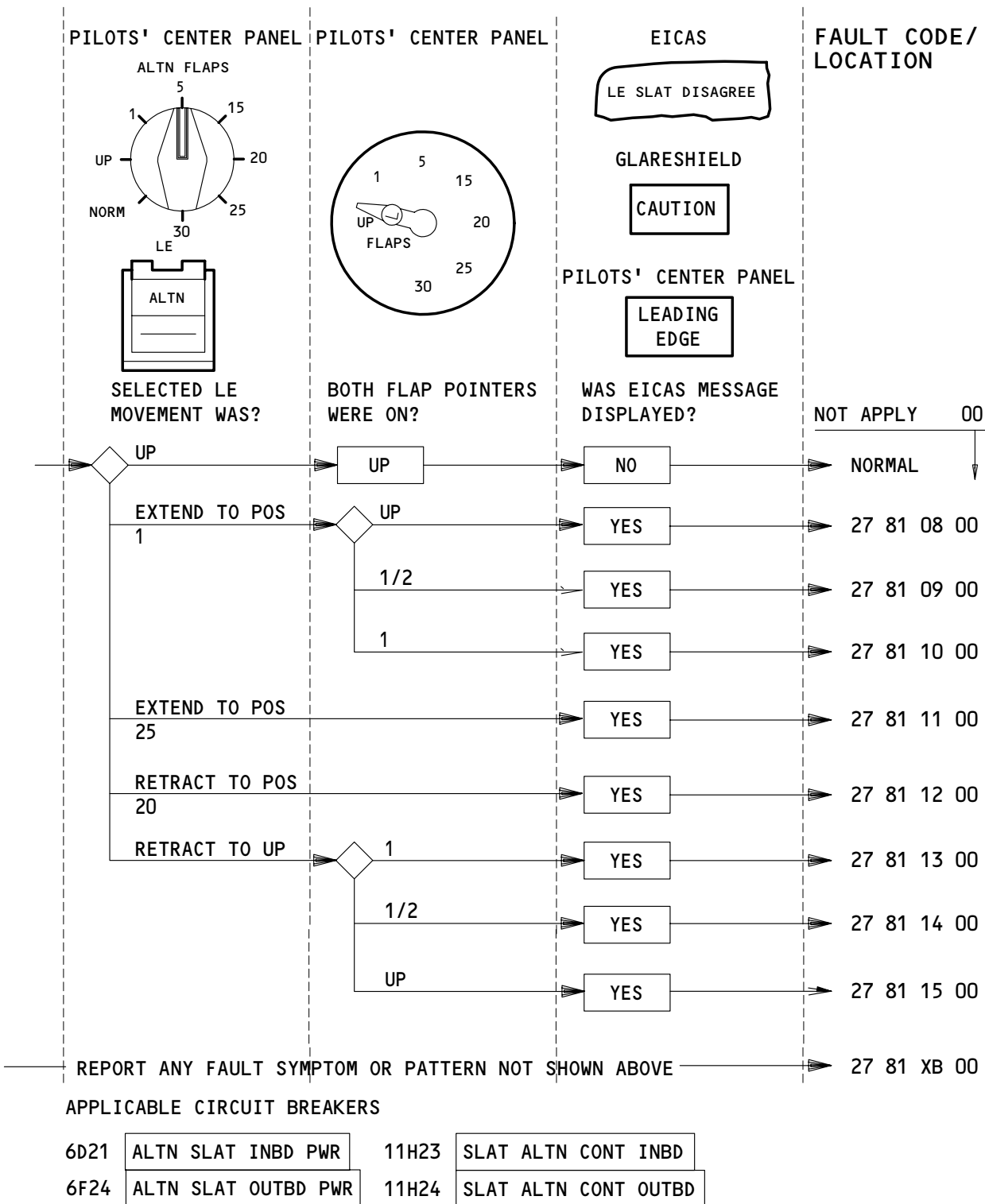
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ALTERNATE LEADING EDGE SLATS - FAULT CODES

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FAULT CODE	LOG BOOK REPORT
27 81 08 00	EICAS msg LE SLAT DISAGREE displayed when slat extension to pos 1 was selected with ALTN slat drive system. Both flap pointers stayed on up.
27 81 09 00	EICAS msg LE SLAT DISAGREE displayed when slat extension to pos 1 was selected with ALTN slat drive system. Both flap pointers stayed halfway between UP and 1.
27 81 10 00	EICAS msg LE SLAT DISAGREE displayed when slat extension to pos 1 was selected with ALTN slat drive system. Both flap pointers indicate 1.
27 81 11 00	EICAS msg LE SLAT DISAGREE displayed when slat extension to pos 25 was selected with ALTN slat drive system.
27 81 12 00	EICAS msg LE SLAT DISAGREE displayed when slat retraction to pos 20 was selected with ALTN slat drive system.
27 81 13 00	EICAS msg LE SLAT DISAGREE displayed when slat retraction to UP was selected with ALTN slat drive system. Both flap pointers stayed on 1.
27 81 14 00	EICAS msg LE SLAT DISAGREE displayed when slat retraction to UP was selected with ALTN slat drive system. Both flap pointers stayed halfway between UP and 1.
27 81 15 00	EICAS msg LE SLAT DISAGREE displayed when slat retraction to UP was selected with ALTN slat drive system. Both flap pointers indicate UP.
27 81 XB 00	Report alternate leading edge slats symptoms or patterns along with fault code.

ALTERNATE LEADING EDGE SLATS – LOG BOOK REPORTS

EFFECTIVITY

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FLIGHT CONTROLS

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FAULT REPORTING MANUAL

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FUEL QTY IND	12B,12D
(L, R) FUEL SPAR VAL	8
(L, R) FUEL SYS PRESS	4
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(L, R) FUEL JET PUMP	16
(L, R) JET XFR VALVE	16
LOW FUEL	10,10B,12

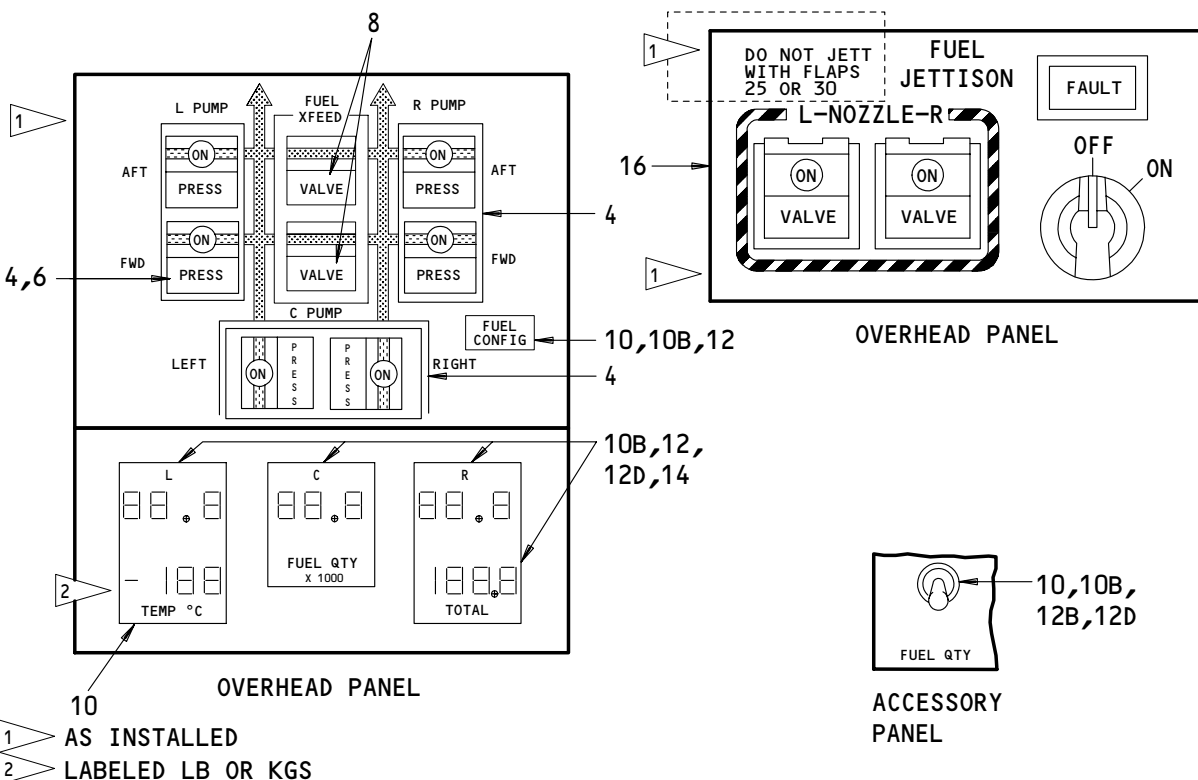
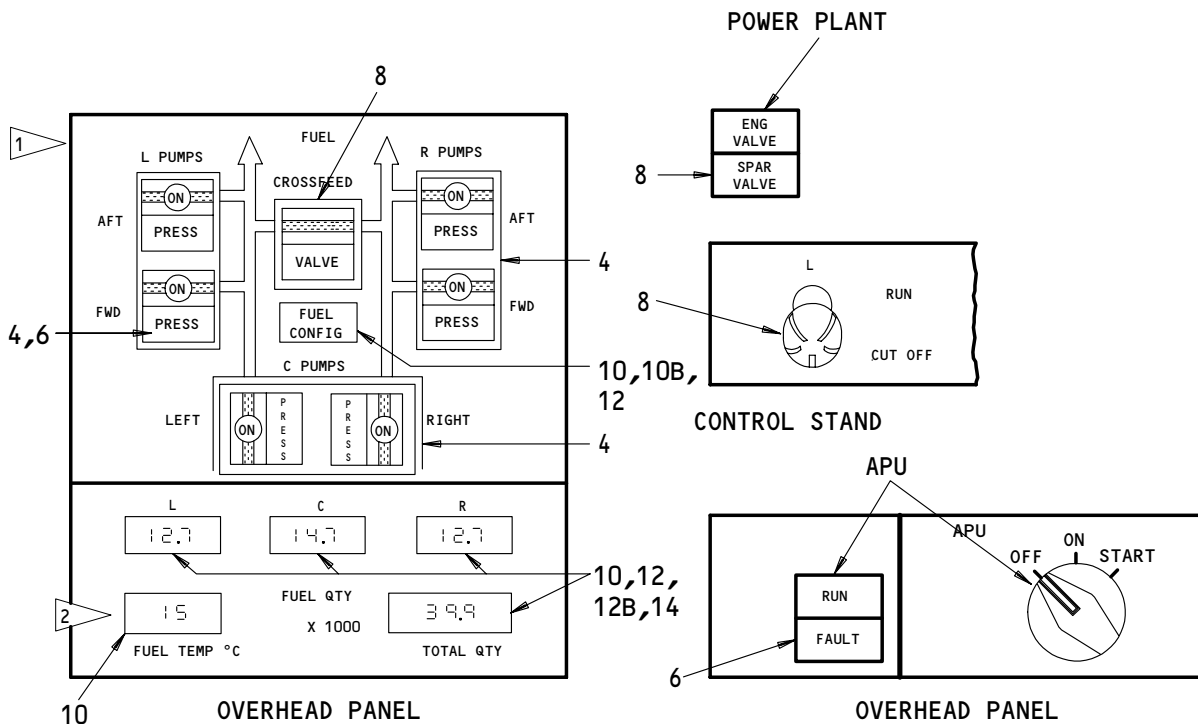
EICAS MESSAGES

EFFECTIVITY

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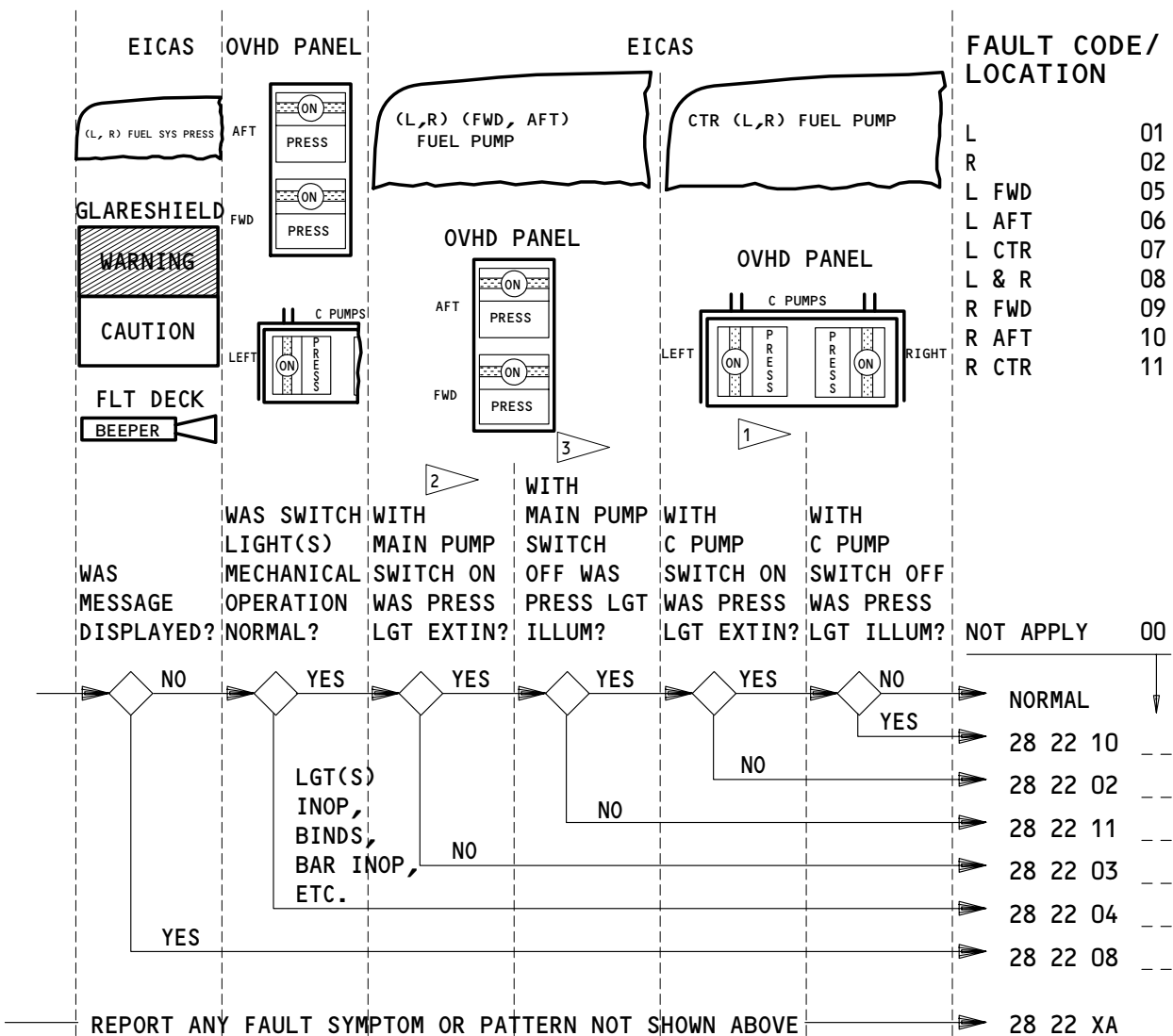
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FUEL

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FAULT REPORTING MANUAL



- 1 ▷ CTR PUMPS INHIBITED UNLESS N2 IS OVER 50% OR REFUELING DOOR IS OPEN.
- 2 ▷ FWD BOOST PUMP LOW PRESS LGTS MAY FLICKER DURING CLIMB. THIS INDICATION SHOULD CEASE AT LEVEL OFF AND SHOULD NOT BE CONSIDERED A MALFUNCTION.
- 3 ▷ L FWD PRESS LGT SHOULD EXTN WITH AC POWER AND APU SW ON.

APPLICABLE CIRCUIT BREAKERS

6F15	L FUEL OVRD PUMP	6G24	L FWD FUEL BOOST PUMP
6F21	R FUEL OVRD PUMP	11D35	FUEL DC PUMP CONT
6G15	L AFT FUEL BOOST PUMP	11M15	FUEL PUMPS L CTR
6G18	R FWD FUEL BOOST PUMP	11M16	FUEL PUMPS R FWD L AFT
6G21	R AFT FUEL BOOST PUMP	11M24	FUEL PUMPS R CTR
		11M25	FUEL PUMPS L FWD R AFT

FUEL BOOST PUMPS – FAULT CODES

EFFECTIVITY

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 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
28 22 10 --	(07=L ctr, 11=R ctr) BOOST PUMP low PRESS lgt illum and EICAS msg CTR (L, R) FUEL PUMP displayed with sw OFF.
28 22 02 --	(07=L ctr, 11=R ctr) BOOST PUMP low PRESS lgt illum and EICAS msg CTR (L,R) FUEL PUMP displayed.
28 22 11 --	(05=L fwd, 06=L aft, 09=R fwd, 10=R aft) BOOST PUMP low PRESS lgt failed to illum and EICAS msg failed to display with sw OFF.
28 22 03 --	(05=L fwd, 06=L aft, 09=R fwd, 10=R aft) BOOST PUMP low PRESS lgt illum with switch on. EICAS msg (L, R) (FWD, AFT) FUEL PUMP displayed.
28 22 04 --	(05=L fwd, 06=L aft, 07=L ctr, 09=R fwd, 10=R aft, 11=R ctr) fuel boost pump sw (light(s) inop, binds, bar inop, etc).
28 22 08 --	EICAS msg (01=L,02=R, 08=L&R) FUEL SYS PRESS displayed.
28 22 XA --	Report fuel boost pumps symptoms or patterns along with fault code.

FUEL BOOST PUMPS – LOG BOOK REPORTS

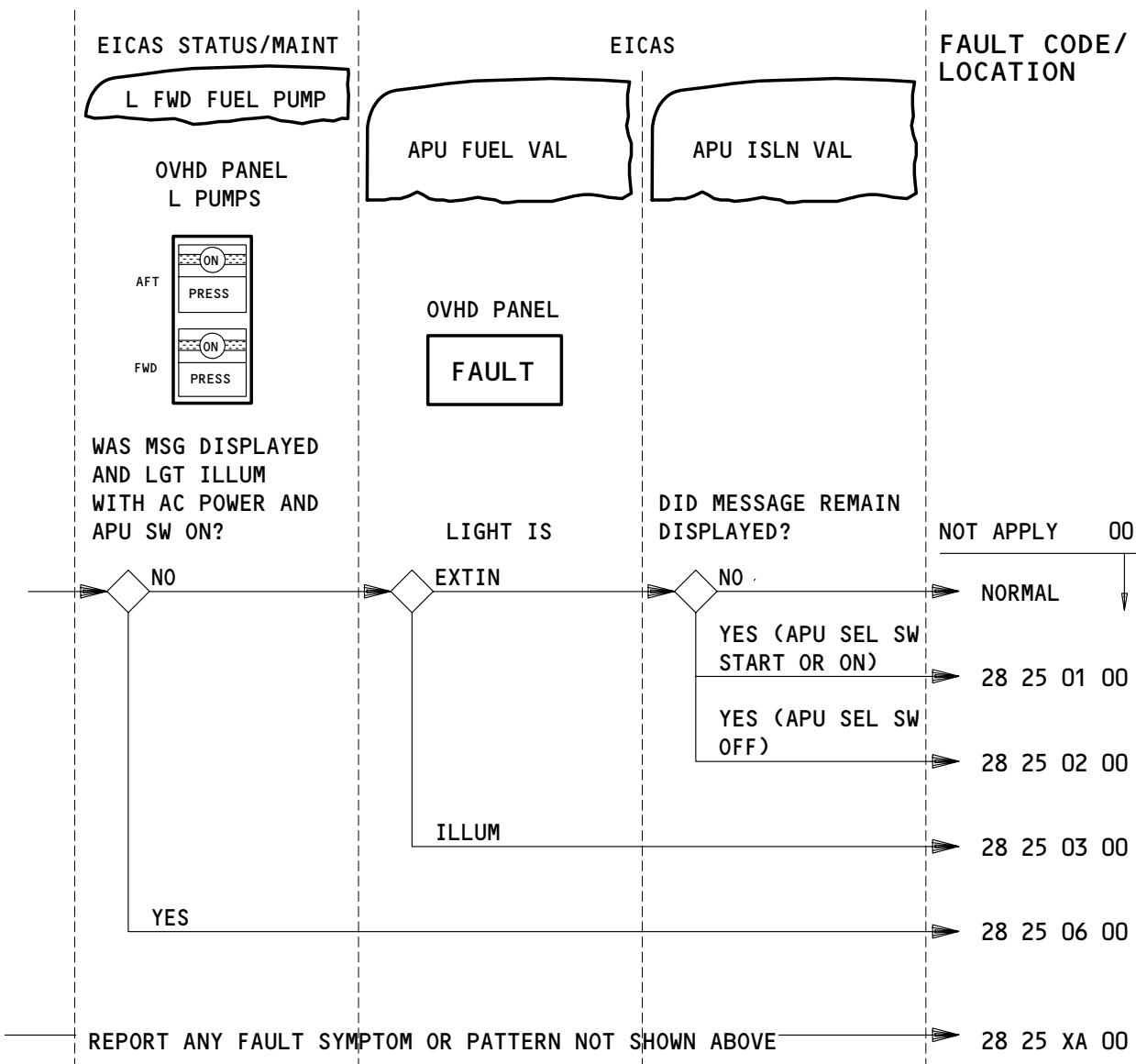
EFFECTIVITY

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

6E3	APU FUEL VALVE
6G24	L FWD FUEL BOOST PUMP
11D34	FUEL DC PUMP PWR
11D35	FUEL DC PUMP CONT
11M25	FUEL PUMPS L FWD R AFT

APU FUEL FEED - FAULT CODES

EFFECTIVITY

ALL

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
28 25 01 00	EICAS APU ISLN VAL message displayed with APU slctr switch in START or ON.
28 25 02 00	EICAS APU ISLN VAL message displayed with APU slctr switch in OFF.
28 25 03 00	APU FAULT light illum and EICAS APU FUEL VAL message displayed.
28 25 06 00	EICAS msg L FWD FUEL PUMP msg displayed and L FWD BOOST PUMP low PRESS lgt illum with AC power and APU sw on.
28 25 XA 00	Report APU fuel feed symptoms or patterns along with fault code.

APU FUEL FEED - LOG BOOK REPORTS

EFFECTIVITY

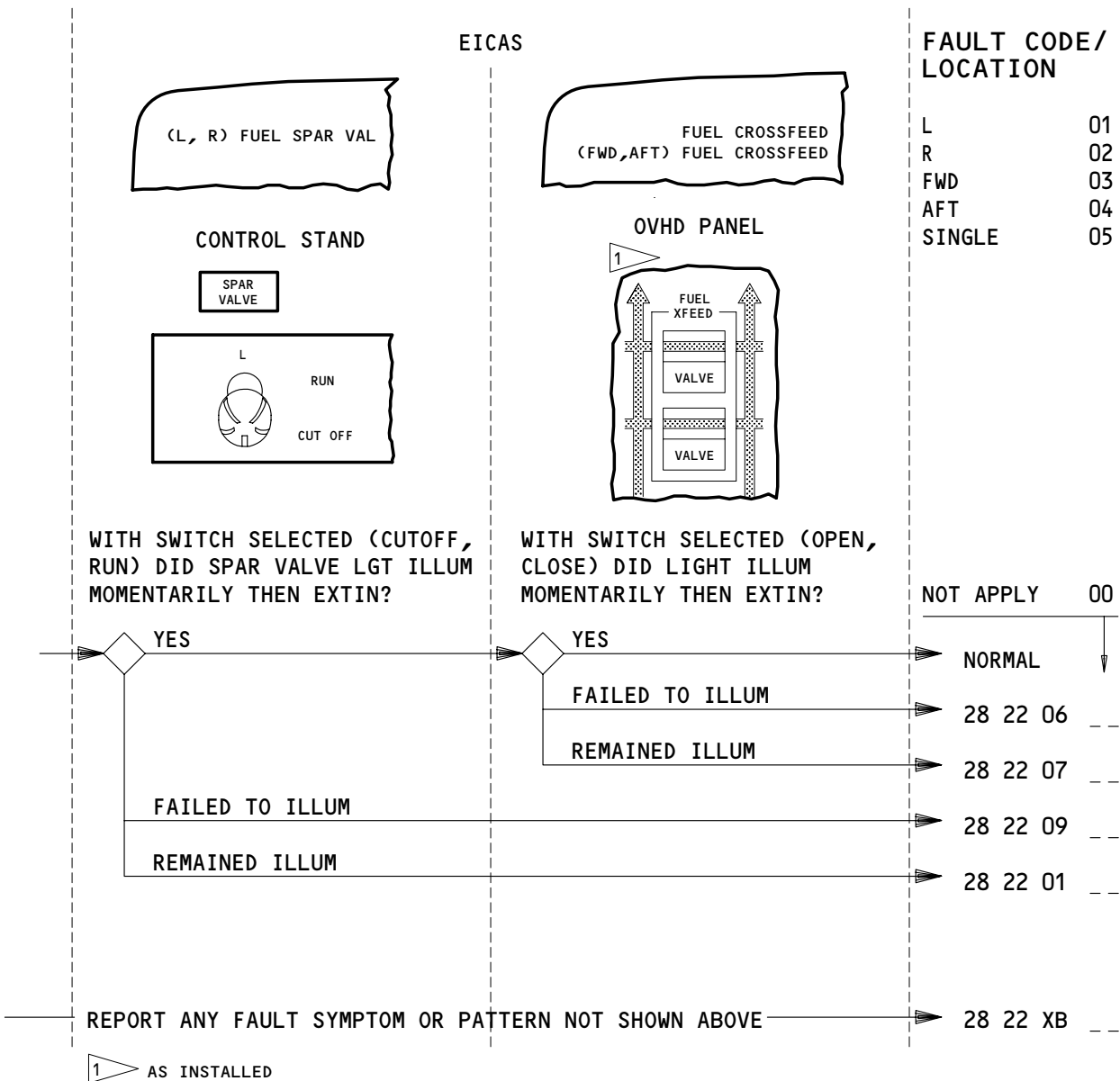
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1 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6E1	L SPAR FUEL VALVES	11M20	FUEL CROSSFEED VALVE FWD
6E2	R SPAR FUEL VALVES	11M21	FUEL CROSSFEED VALVE AFT
11D36	FUEL CROSSFEED VLV		
11D36	FUEL CROSSFEED IND		

FUEL FEED (VALVES) – FAULT CODES

EFFECTIVITY
ALL

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FAULT CODE	LOG BOOK REPORT
28 22 06 --	(03=Fwd, 04=Aft, 05=Single) FUEL CROSSFEED VALVE lgt failed to illum when (open, close) selected. EICAS msg (FUEL CROSSFEED, FWD FUEL CROSSFEED, AFT FUEL CROSSFEED) displayed.
28 22 07 --	(03=Fwd, 04=Aft, 05=Single) FUEL CROSSFEED VALVE lgt remained illum when (open, close) selected. EICAS msg (FUEL CROSSFEED, FWD FUEL CROSSFEED, AFT FUEL CROSSFEED) displayed.
28 22 09 --	(01=L, 02=R) SPAR VALVE lgt failed to illum with Fuel Control sw selected (CUTOFF, RUN). EICAS msg (L, R) SPAR VALVE displayed.
28 22 01 --	(01=L, 02=R) SPAR VALVE lgt remained illum with Fuel Control sw selected (CUTOFF, RUN). EICAS msg (L, R) SPAR VALVE displayed.
28 22 XB --	Report fuel feed (valves) symptoms or patterns along with fault code.

FUEL FEED (VALVES) – LOG BOOK REPORTS

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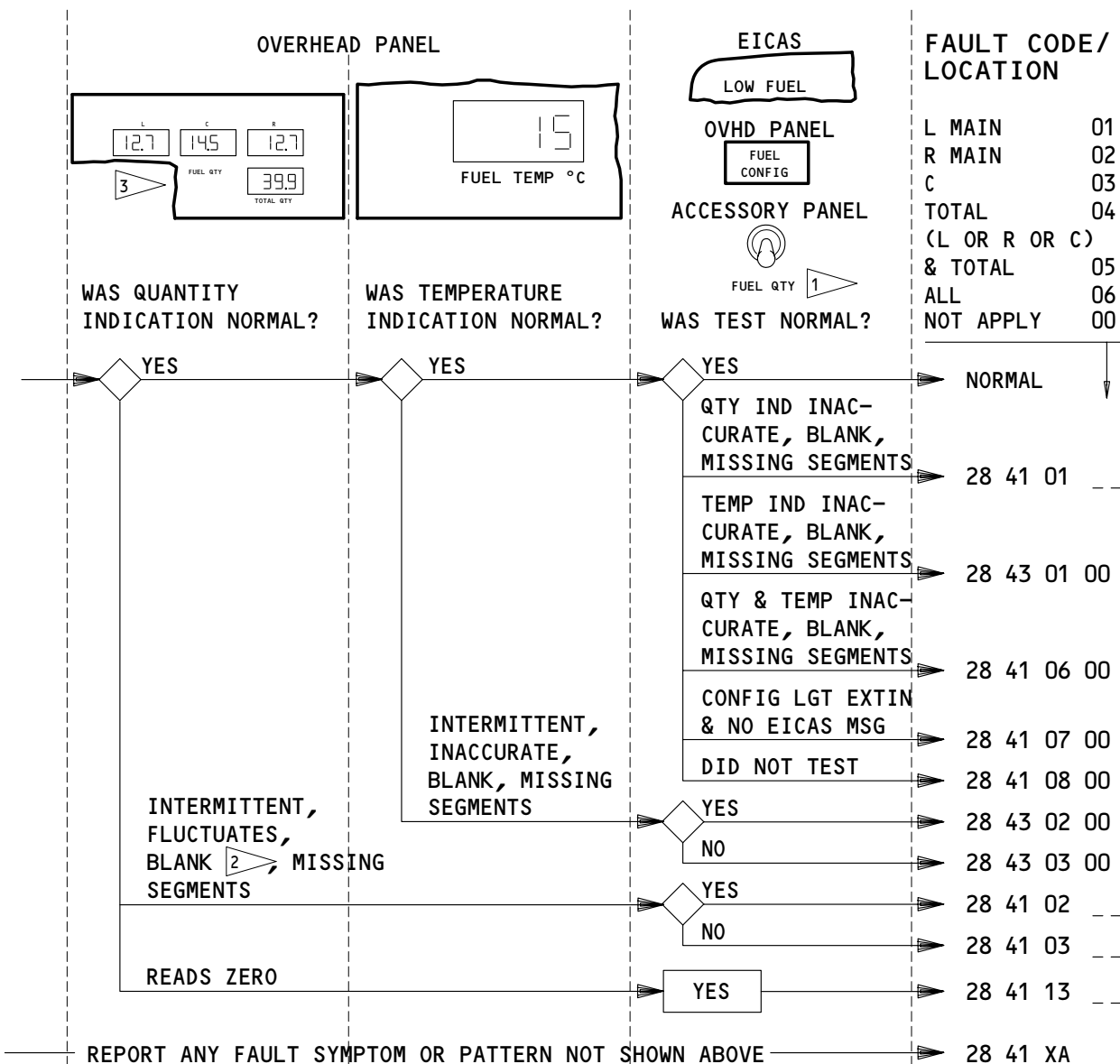
EFFECTIVITY

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

- | | |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>6E4 QTY FUELING</p> <p>11C34 FUEL QTY 1</p> <p>11M12 FUEL TEMP</p> <p>11M19 FUEL QTY 2</p> | <p>1 DURING TEST OBSERVE:
ALL (8) IN QTY EXCEPT 1 IN FIRST DIGIT OF TOTAL
-185±2 IN TEMP
FUEL CONFIG LGT, EICAS MSG - LOW FUEL
MASTER CAUTION LGTS & AURAL CAUTION (ENGS RUNNING).</p> <p>2 IF BLANK WITH FUEL QTY IND MSG DISPLAYED, SEE " FUEL QTY IND/CHANNEL MSG'S".</p> <p>3 LABELED LB OR KG</p> |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

FUEL QUANTITY, TEMPERATURE INDICATION AND TEST - FAULT CODES

EFFECTIVITY
HONEYWELL FUEL QUANTITY INDICATORS

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 28 41 01 -- (01=L MAIN, 02=R MAIN, 03=C, 04=TOTAL) FUEL QTY ind displays (describe condition: inaccurate, blank, missing segments) during FUEL QTY TEST.
- 28 43 01 00 FUEL TEMP ind displays (describe condition: inaccurate, blank, missing segments) during FUEL QTY TEST.
- 28 41 06 00 FUEL QTY & TEMP display (describe condition: inaccurate, blank, missing segments) during FUEL QTY TEST.
- 28 41 07 00 FUEL CONFIG lgt & EICAS msg LOW FUEL not displayed during FUEL QTY TEST.
- 28 41 08 00 FUEL QTY & TEMP system did not test. Operation normal with test sw in normal.
- 28 43 02 00 FUEL TEMP displays (describe condition: intermittent, inaccurate, blank, missing segments). FUEL QTY TEST normal.
- 28 43 03 00 FUEL TEMP displays (describe condition: intermittent, inaccurate, blank, missing segments). FUEL QTY TEST abnormal.
- 28 41 02 -- (01=L MAIN, 02=R MAIN, 03=C, 04=TOTAL, 05=(L OR R OR C) & TOTAL, 06=ALL) FULL QTY ind displays (describe condition: intermittent, fluctuates, blank, missing segments). FUEL QTY TEST normal.
- 28 41 03 -- (01=L MAIN, 02=R MAIN, 03=C, 04=TOTAL, 05=(L OR R OR C) & TOTAL, 06=ALL) FUEL QTY ind displays describe condition: intermittent, fluctuates, blank, missing segments). FUEL QTY TEST abnormal.
- 28 41 13 -- (01=L MAIN, 02=R MAIN, 03=C, 04=TOTAL) FUEL QTY display reads zero. FUEL QTY TEST normal.
- 28 41 XA -- Report fuel quantity, temperature indication and test symptoms or patterns along with fault code.

FUEL QUANTITY, TEMPERATURE INDICATION AND TEST- LOG BOOK REPORTS

EFFECTIVITY

HONEYWELL FUEL QUANTITY INDICATORS

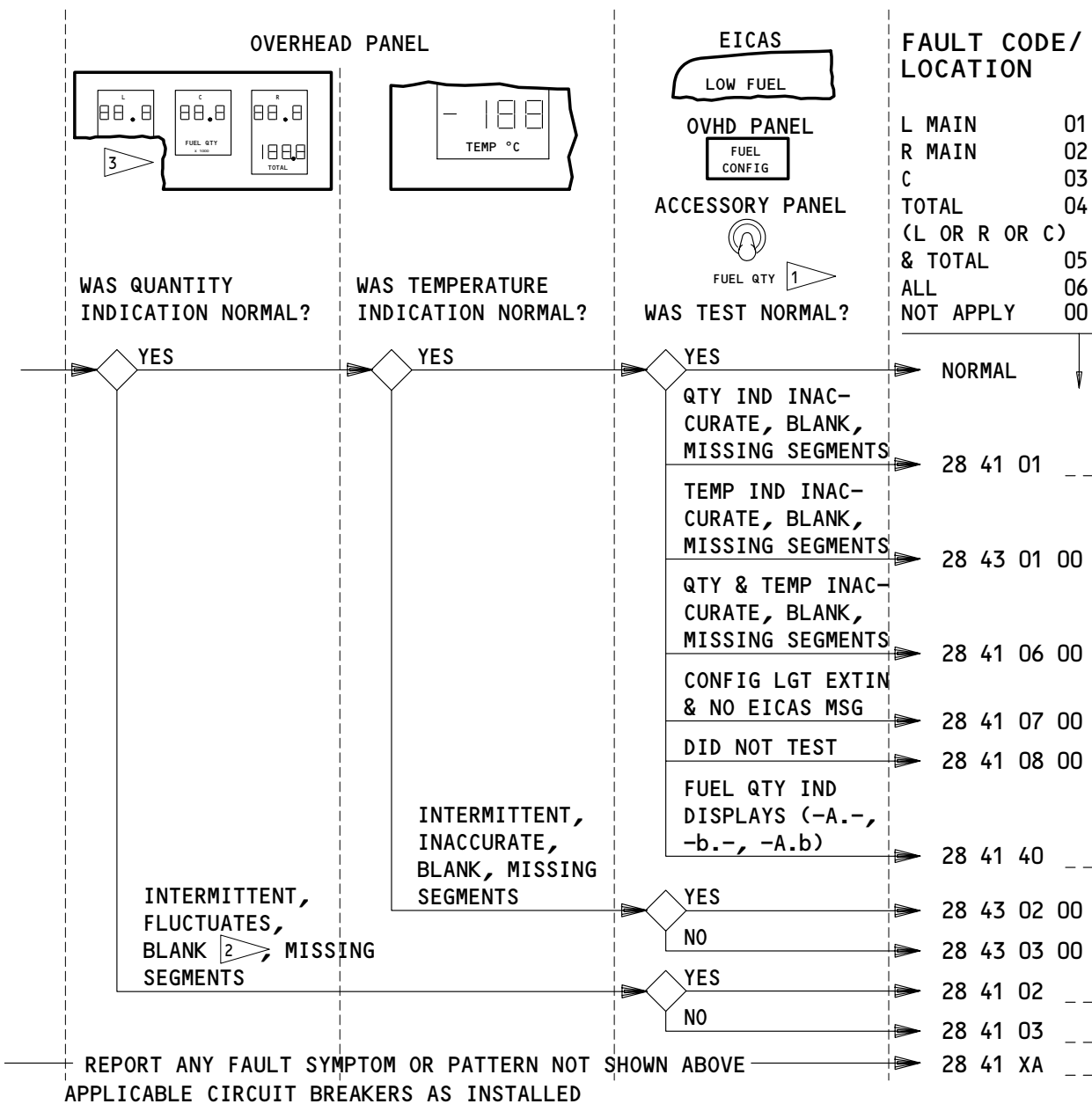
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FAULT REPORTING MANUAL



6E4	QTY FUELING
11C34	FUEL QTY 1
11M12	FUEL TEMP
11M19	FUEL QTY 2

- ¹ DURING TEST OBSERVE:
ALL (8) IN QTY EXCEPT 1 IN FIRST DIGIT OF TOTAL
188 IN TEMP
FUEL CONFIG LGT, EICAS MSG - LOW FUEL
MASTER CAUTION LGTS & AURAL CAUTION (ENG RUNNING)
- ² IF BLANK WITH FUEL QTY IND MSG DISPLAYED, SEE " FUEL QTY IND/CHANNEL MSG'S".
- ³ LABELED LB OR KG

FUEL QUANTITY, TEMPERATURE INDICATION AND TEST - FAULT CODES

EFFECTIVITY
SIMMONDS FUEL QUANTITY INDICATORS

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
28 41 01 --	(01=L MAIN, 02=R MAIN, 03=C, 04=TOTAL) FUEL QTY ind displays (describe condition: inaccurate, blank, missing segments) during FUEL QTY TEST.
28 43 01 00	FUEL TEMP ind displays (describe condition: inaccurate, blank, missing segments) during FUEL QTY TEST.
28 41 06 00	FUEL QTY & TEMP display (describe condition: inaccurate, blank, missing segments) during FUEL QTY TEST.
28 41 07 00	FUEL CONFIG lgt & EICAS msg LOW FUEL not displayed during FUEL QTY TEST.
28 41 08 00	FUEL QTY & TEMP system did not test. Operation normal with test sw in normal.
28 41 40 --	(01=L MAIN, 02=R MAIN, 03=C, 04=TOTAL, 05=(L OR R OR C) & TOTAL, 06=ALL) FUEL QTY ind. displays (-A, -b, -A.b) during FUEL QTY TEST.
28 43 02 00	FUEL TEMP displays (describe condition: intermittent, inaccurate, blank, missing segments). FUEL QTY TEST normal.
28 43 03 00	FUEL TEMP displays (describe condition: intermittent, inaccurate, blank, missing segments). FUEL QTY TEST abnormal.
28 41 02 --	(01=L MAIN, 02=R MAIN, 03=C, 04=TOTAL, 05=(L OR R OR C) & TOTAL, 06=ALL) FULL QTY ind displays (describe condition: intermittent, fluctuates, blank, missing segments). FUEL QTY TEST normal.
28 41 03 --	(01=L MAIN, 02=R MAIN, 03=C, 04=TOTAL, 05=(L OR R OR C) & TOTAL, 06=ALL) FUEL QTY ind displays describe condition: intermittent, fluctuates, blank, missing segments). FUEL QTY TEST abnormal.
28 41 XA --	Report fuel quantity, temperature indication and test symptoms or patterns along with fault code.

FUEL QUANTITY, TEMPERATURE INDICATION AND TEST- LOG BOOK REPORTS

EFFECTIVITY
SIMMONDS FUEL QUANTITY INDICATORS

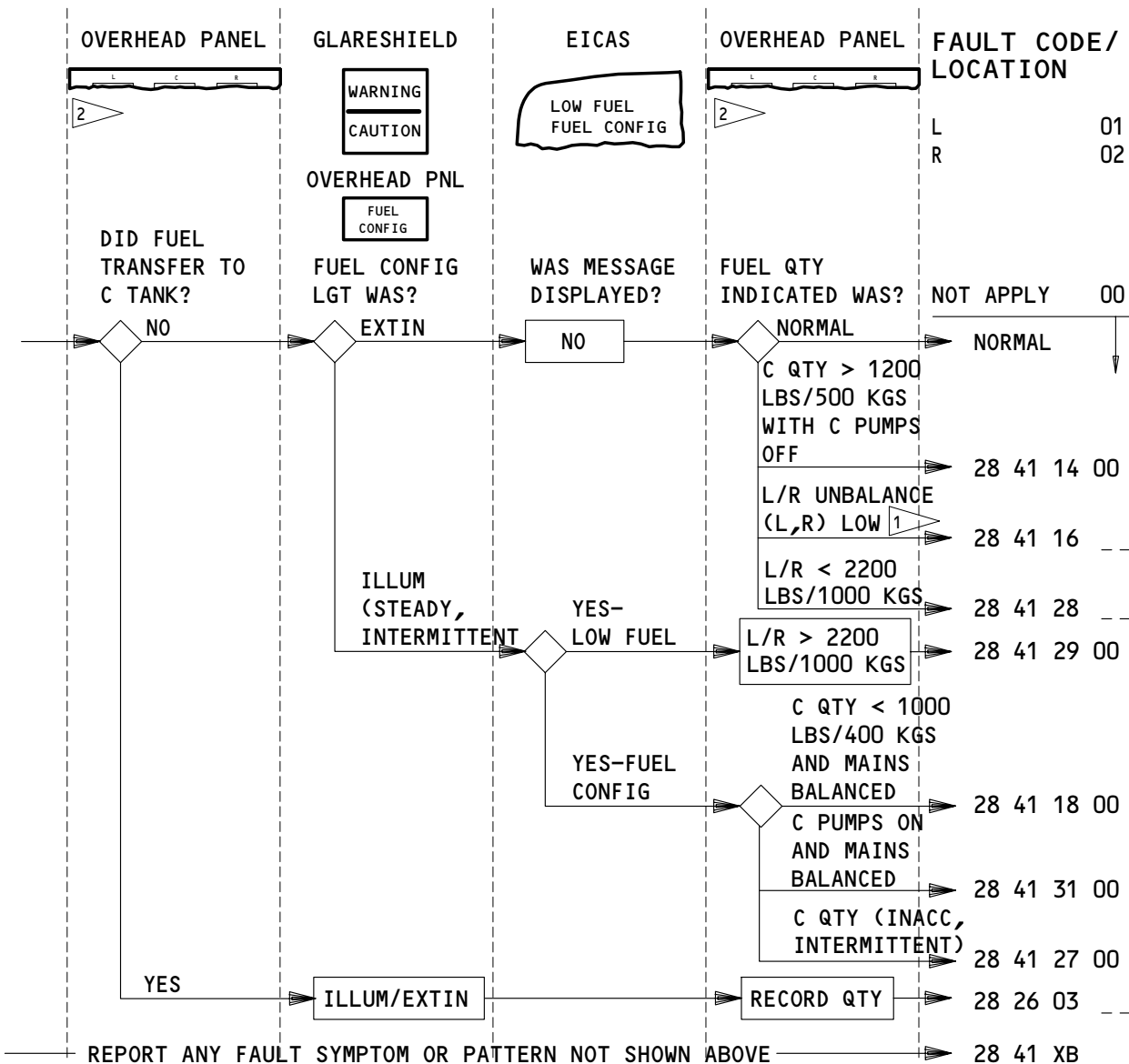
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BOEING 767

FAULT REPORTING MANUAL



- 1 FUEL UNBALANCE BETWEEN MAIN TANKS OF 1500 LBS/680 KGS HEAVY LOADS, 2500 LBS/1100 KGS LIGHT LOADS
- 2 LABELED LB OR KG

APPLICABLE CIRCUIT BREAKERS

NONE

FUEL TRANSFER/CONFIG - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

28 41 14 00	FUEL CONFIG lgt remained extin. EICAS msg FUEL CONFIG not displayed with more than (1200 lbs, 500 kgs) and center pumps off.
28 41 16 --	FUEL CONFIG lgt remained extin. EICAS msg FUEL CONFIG not displayed with main tanks unbalance of ___ (lbs, kgs). (01=L, 02=R) main tank was low.
28 41 28 --	FUEL CONFIG lgt remained extin. EICAS msg LOW FUEL did not display with ___ (lbs, kgs). (less than 2200 lbs, 1000 kgs) in (01=L, 02=R) main tank.
28 41 29 00	FUEL CONFIG lgt illum. EICAS msg LOW FUEL displayed with more than (2200 lbs, 1000 kgs) in each main tank.
28 41 18 00	FUEL CONFIG lgt illum. EICAS msg FUEL CONFIG displayed with center qty less than (1000 lbs, 400 kgs) and main tanks balanced.
28 41 31 00	FUEL CONFIG lgt illum. EICAS msg FUEL CONFIG displayed with C pumps on and mains balanced.
28 41 27 00	FUEL CONFIG lgt illum (steady, intermittent) with EICAS msg FUEL CONFIG displayed. C fuel qty indication was (inaccurate, intermittent). Describe.
28 26 03 --	(01=L, 02=R) main tank transferred fuel, ___ (lbs, kgs) into C tank.
28 41 XB --	Report fuel transfer/config symptoms or patterns along with fault codes.

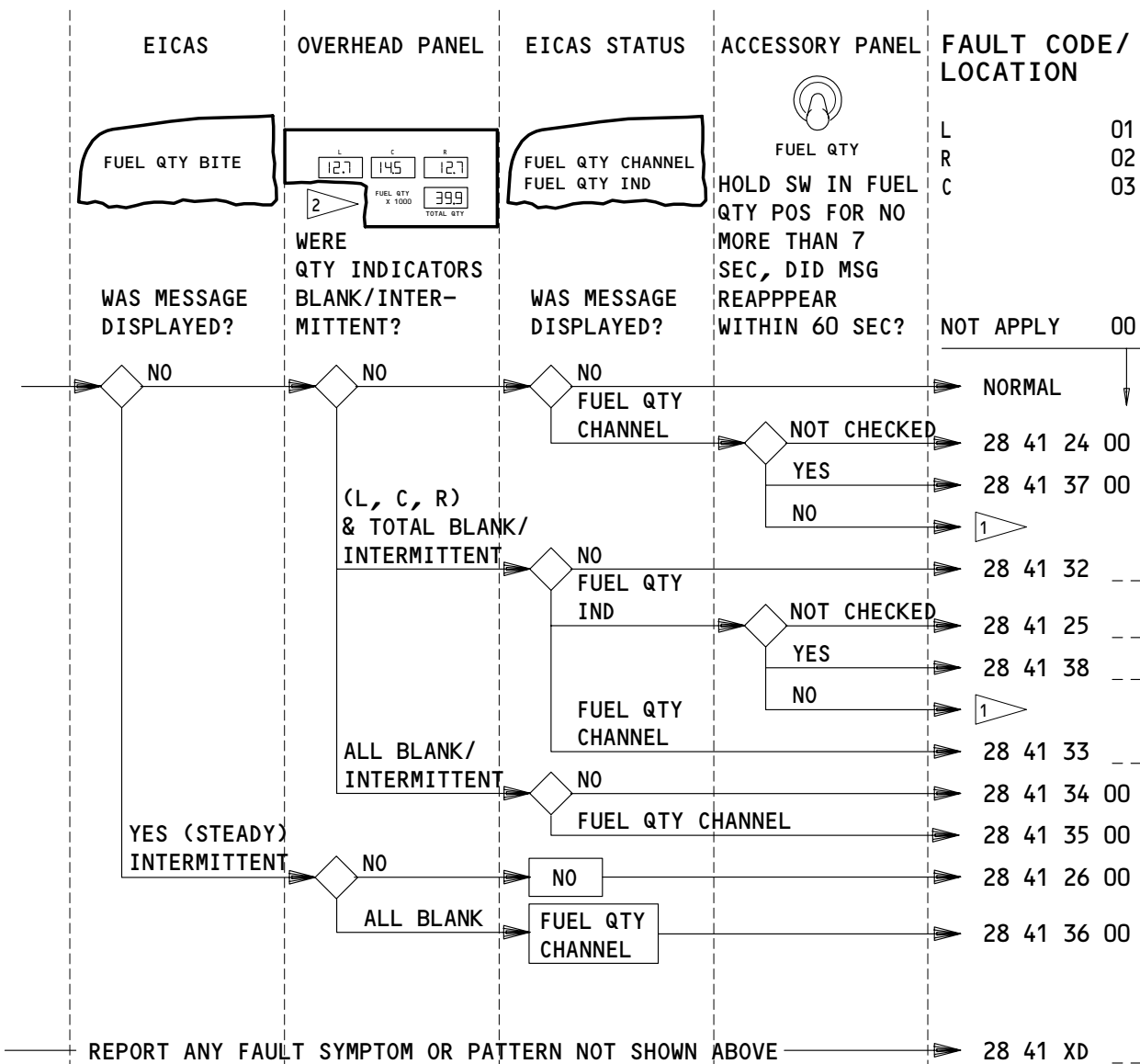
FUEL TRANSFER/CONFIG – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



- 1 SYSTEM IS NORMAL
- 2 LABELED LB OR KG

APPLICABLE CIRCUIT BREAKERS

11C34	FUEL QTY 1
11M19	FUEL QTY 2

FUEL QTY IND/CHANNEL MSG'S - FAULT CODES

EFFECTIVITY
HONEYWELL FUEL QUANTITY INDICATORS

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

28 41 24 00	EICAS msg FUEL QTY CHANNEL displayed. FUEL QTY test not checked.
28 41 37 00	EICAS msg FUEL QTY CHANNEL displayed. Display returned within 60 sec of FUEL QTY test.
28 41 32 --	(01=L, 02=R, 03=C) fuel tank and total fuel qty indicators (blank, intermittent). EICAS msg FUEL QTY IND not displayed.
28 41 25 --	(01=L, 02=R, 03=C) fuel tank and total fuel qty indicators (blank, intermittent). EICAS msg FUEL QTY IND displayed. FUEL QTY test not checked.
28 41 38 --	(01=L, 02=R, 03=C) fuel tank and total fuel qty indicators (blank, intermittent). EICAS msg FUEL QTY IND displayed. Display returned within 60 sec of FUEL QTY test.
28 41 33 --	(01=L, 02=R, 03=C) fuel tank and total fuel qty indicators (blank, intermittent). EICAS msg FUEL QTY CHANNEL displayed.
28 41 34 00	All fuel tank qty indicators (blank, intermittent). No EICAS msgs displayed.
28 41 35 00	All fuel tank qty indicators (blank, intermittent). EICAS msg FUEL QTY CHANNEL displayed.
28 41 26 00	EICAS msg FUEL QTY BITE displayed (steady, intermittent).
28 41 36 00	All fuel tank qty indicators blank. EICAS msgs FUEL QTY BITE and FUEL QTY CHANNEL displayed (steady, intermittent).
28 41 XD --	Report fuel qty ind/channel msg's symptoms or patterns along with fault code.

FUEL QTY IND/CHANNEL MSG'S - LOG BOOK REPORTS

EFFECTIVITY

HONEYWELL FUEL QUANTITY INDICATORS

04

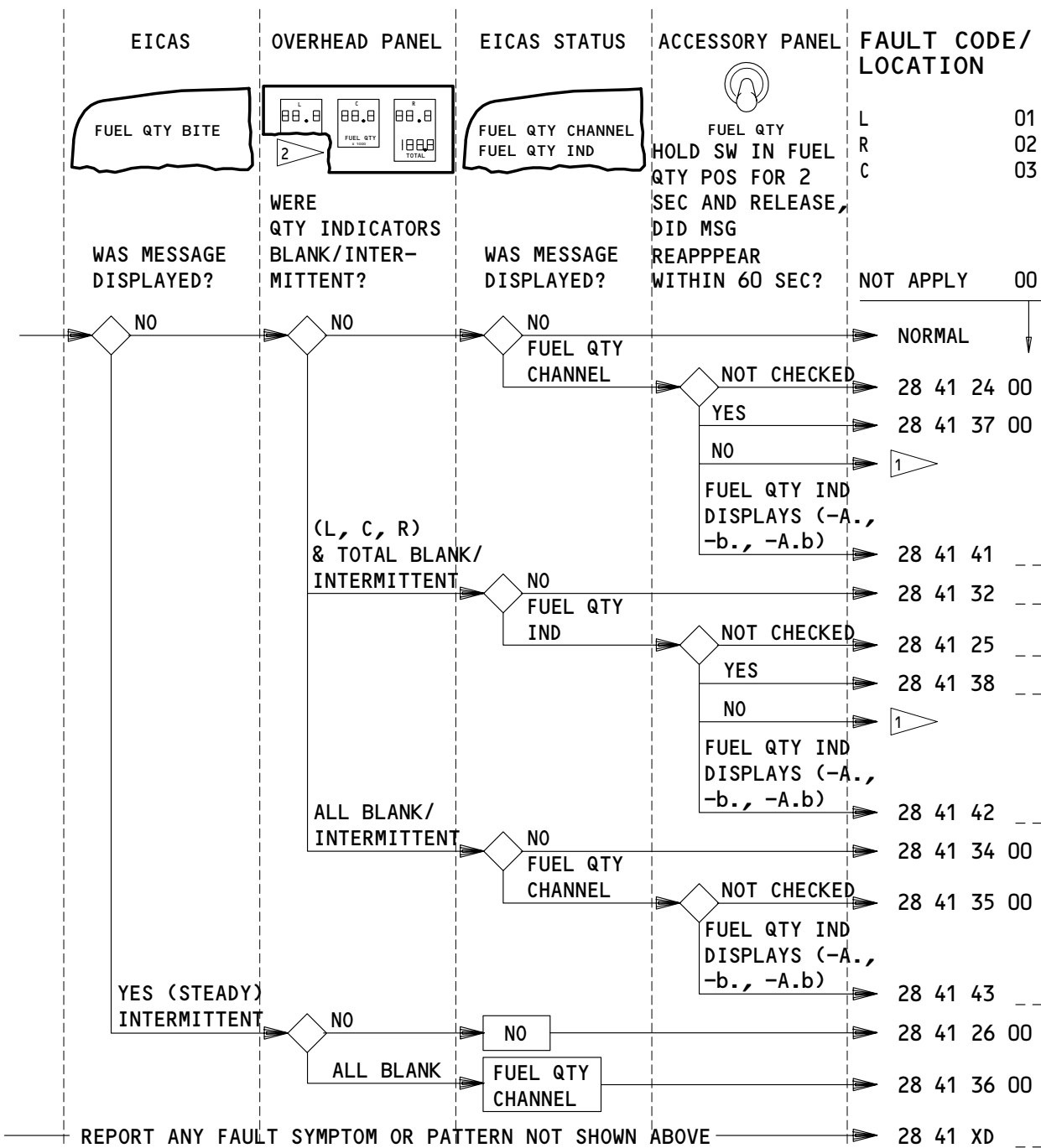
FUEL

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B29127

BOEING 767

FAULT REPORTING MANUAL



1 SYSTEM IS NORMAL 2 LABELED LB OR KG

APPLICABLE CIRCUIT BREAKERS

11C34 FUEL QTY 1 11M19 FUEL QTY 2

FUEL QTY IND/CHANNEL MSG'S - FAULT CODES

EFFECTIVITY
SIMMONDS FUEL QUANTITY INDICATORS

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
28 41 24 00	EICAS msg FUEL QTY CHANNEL displayed. FUEL QTY test not checked.
28 41 37 00	EICAS msg FUEL QTY CHANNEL displayed. Display returned within 60 sec of FUEL QTY test.
28 41 41 --	EICAS msg FUEL QTY CHANNEL displayed. (01=L, 02=R, 03=C) fuel qty ind displays (-A., b.-, -A.b). Display returned within 60 sec of FUEL QTY test.
28 41 32 --	(01=L, 02=R, 03=C) fuel tank and total fuel qty indicators (blank, intermittent). EICAS msg FUEL QTY IND not displayed.
28 41 25 --	(01=L, 02=R, 03=C) fuel tank and total fuel qty indicators (blank, intermittent). EICAS msg FUEL QTY IND displayed. FUEL QTY test not checked.
28 41 38 --	(01=L, 02=R, 03=C) fuel tank and total fuel qty indicators (blank, intermittent). EICAS msg FUEL QTY IND displayed. Display returned within 60 sec of FUEL QTY test.
28 41 42 --	(01=L, 02=R, 03=C) fuel tank and total fuel qty indicators (blank, intermittent). EICAS msg FUEL QTY IND displayed. Fuel qty ind displays (-A., b.-, -A.b). Display returned within 60 sec of FUEL QTY test.
28 41 34 00	All fuel tank qty indicators (blank, intermittent). No EICAS msgs displayed.
28 41 35 00	All fuel tank qty indicators (blank, intermittent). EICAS msg FUEL QTY CHANNEL displayed.
28 41 43 --	All fuel tank qty indicators (blank, intermittent). (01=L, 02=R, 03=C) fuel qty ind displays (-A., b.-, -A.b). EICAS msg FUEL QTY CHANNEL displayed.
28 41 26 00	EICAS msg FUEL QTY BITE displayed (steady, intermittent).
28 41 36 00	All fuel tank qty indicators blank. EICAS msgs FUEL QTY BITE and FUEL QTY CHANNEL displayed (steady, intermittent).
28 41 XD --	Report fuel qty ind/channel msg's symptoms or patterns along with fault code.

FUEL QTY IND/CHANNEL MSG'S - LOG BOOK REPORTS

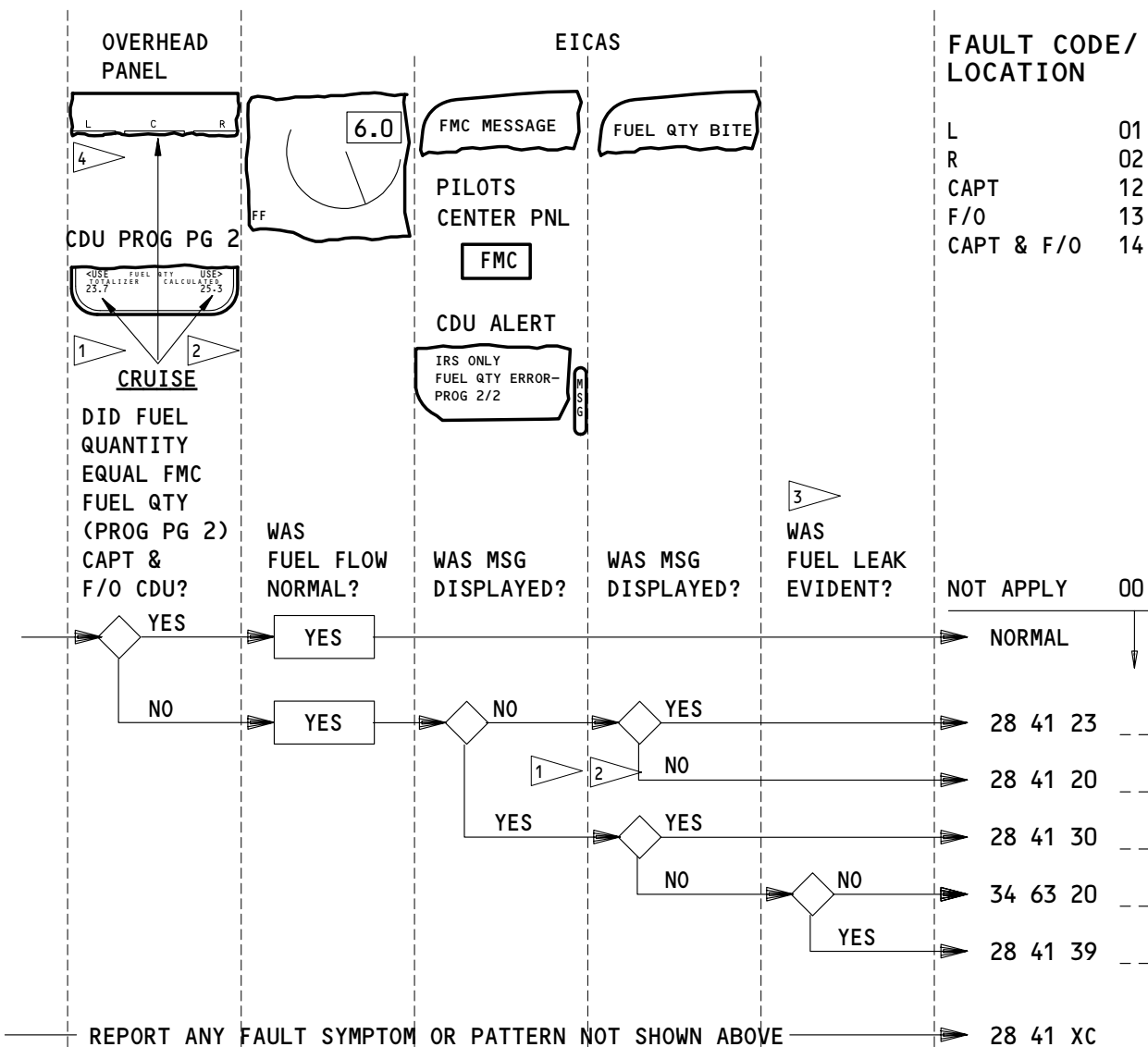
EFFECTIVITY
SIMMONDS FUEL QUANTITY INDICATORS

04

FUEL
 PAGE 13
 AUG 22/00

BOEING 767

FAULT REPORTING MANUAL



FAULT CODE/ LOCATION

L 01
R 02
CAPT 12
F/O 13
CAPT & F/O 14

- 1 AIRPLANES WITH LESS THAN 119,000 LBS/54,000 KGS REPORT FUEL QUANTITY DIFFERENCE THAT EXCEEDS 2000 LBS/900 KGS FOR OVER SIX MINUTES AND REACHES 3000 LBS/1400 KGS. SIX MINUTE TIME IS CUMULATIVE. SMALLER DIFFERENCES MAY BE NORMAL WITH AIRPLANE ATTITUDE AND SYSTEM TOLERANCES.
- 2 AIRPLANES WITH MORE THAN 119,000 LBS/54,000 KGS REPORT FUEL QUANTITY DIFFERENCE THAT EXCEEDS 3000 LBS/1400 KGS FOR OVER SIX MINUTES AND REACHES 4500 LBS/2100 KGS. SIX MINUTE TIME IS CUMULATIVE. SMALLER DIFFERENCES MAY BE NORMAL WITH AIRPLANE ATTITUDE AND SYSTEM TOLERANCES.
- 3 FUEL LEAKS MAY BE CHECKED VISUALLY BY CABIN STAFF OR EVIDENT BY AILERON TRIM, AIRPLANE PERFORMANCE, OR FUEL MANAGEMENT CHECK.
- 4 LABELED LB OR KG

APPLICABLE CIRCUIT BREAKERS

11C34 **FUEL QTY 1** 11M19 **FUEL QTY 2**

FUEL QTY (INDICATION VS FMC FUEL QTY) - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 28 41 23 -- Total fuel differs from (12=Capt, 13=F/O, 14=Capt & F/O) FMC(s) calculated fuel qty. Total fuel _____, FMC calculated fuel _____. EICAS msg FUEL QTY BITE displayed. Fuel flow was norm.

- 28 41 20 -- Total fuel differs from (12=Capt, 13=F/O, 14=Capt & F/O) FMC(s) calculated fuel qty. Airplanes with less than 119,000 (54,000 kgs) differences exceeded (2000 lbs, 900 KGS) for over six minutes and peaked above (3000 lbs, 1400 kgs). Airplanes with more than 119,000 lbs/54,000 kgs differences exceeded (3000 lbs, 1400 kgs) 4500 lbs, 2100 kgs). Eicas msg FMC MESSAGE or FUEL QTY BITE did not display. Fuel flow was norm. Total fuel _____, FMC calculated fuel _____.

- 28 41 30 -- Total fuel differs from (12=Capt, 13=F/O, 14=Capt & F/O) FMC(s) calculated fuel qty. Fuel qty ERROR-PROG 2/2 alert msg displayed on CDU and EICAS msgs FMC MESSAGE and FUEL QTY BITE displayed. Total fuel _____, FMC calculated fuel _____.

- 34 63 20 -- Total fuel differs from (12=Capt, 13=F/O, 14=Capt & F/O) FMC(s) calculated fuel qty. Fuel qty ERROR-PROG 2/2 alert msg displayed on CDU and EICAS msg FMC MESSAGE displayed. Fuel flow was norm. Total fuel _____, FMC calculated fuel _____. No evidence of fuel leak.

- 28 41 39 -- (O1=L, O2=R) (eng, side of airplane) has evidence of fuel leak. Fuel leak evidence checked (visually, by abnormal aileron trim, fuel management, airplane performance, etc). Total fuel differs from FMC qty with normal fuel flow.

- 28 41 XC -- Report fuel qty (indication vs FMC fuel qty) symptoms or patterns along with fault code.

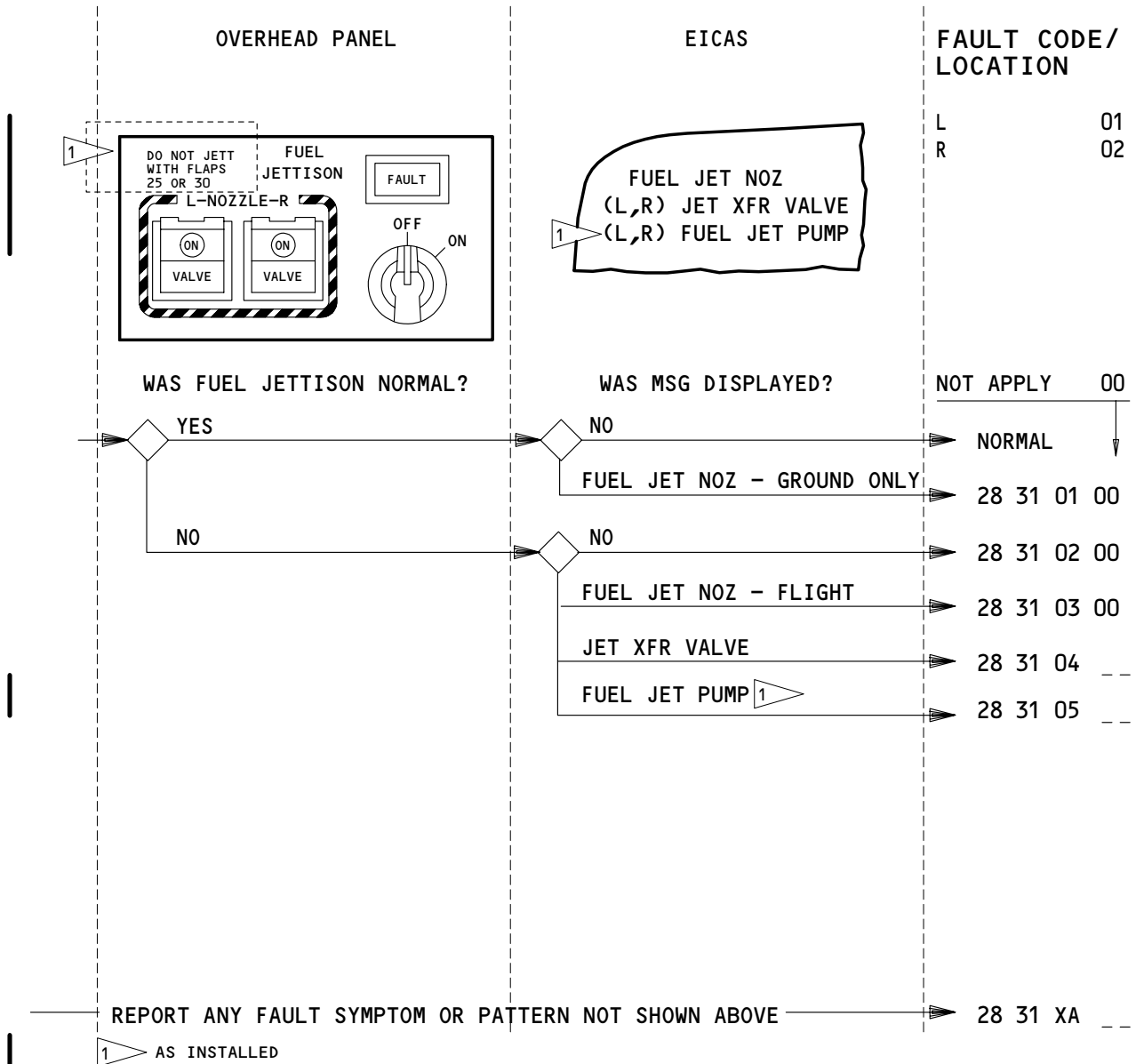
FUEL QTY (INDICATION VS FMC FUEL QTY) – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

- 11M13 LEFT JETT CONT
- 11M14 LEFT JETT NOZZLE VALVE
- 11M22 RIGHT JETT CONT
- 11M23 RIGHT JETT NOZZLE VALVE

FUEL JETTISON - FAULT CODES

EFFECTIVITY
ALL

05

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
28 31 01 00	EICAS msg FUEL JET NOZ displayed on ground.
28 31 02 00	Fuel jettison not normal. Control master switch ON. No EICAS msg displayed.
28 31 03 00	Fuel jettison not normal. Control master switch ON. EICAS msg FUEL JET NOZ displayed.
28 31 04 --	Fuel jettison not normal. Control master switch ON. EICAS msg FUEL (01=L, 02=R) JET XFR VALVE displayed.
28 31 05 --	Fuel jettison not normal. Control master switch ON. EICAS msg (01=L, 02=R) FUEL JET PUMP displayed.
28 31 XA --	Report Fuel jettison symptoms or patterns along with fault code.

FUEL JETTISON - LOG BOOK REPORTS

B70246

EFFECTIVITY

ALL

07

FUEL
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BOEING 767
FAULT REPORTING MANUAL

HYDRAULIC POWER

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(L,C,R) HYD DEM PUMP.....	4(L,R) 8(C)
HYD GEN ON.....	ELECTRICAL POWER
HYD GEN VAL.....	ELECTRICAL POWER
C HYD PRIM (1,2).....	6
(L,R) HYD PRIM PUMP.....	2B
C HYD (1,2) OVHT.....	12
(L,C,R) HYD QTY.....	10,14
C HYD SYS MAINT.....	6
(L,R) HYD SYS MAINT.....	2B
(L,C,R) HYD SYS PRESS.....	10
(L,R) PRIM HYD OVHT.....	12
RAT UNLOCKED.....	16
RSV BRAKE VAL.....	LANDING GEAR

EICAS MESSAGES

EFFECTIVITY

ALL

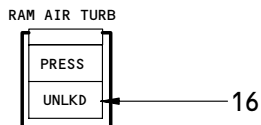
07

HYDRAULIC POWER

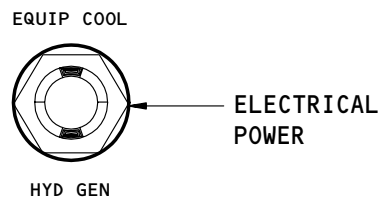
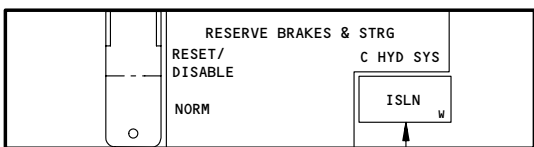
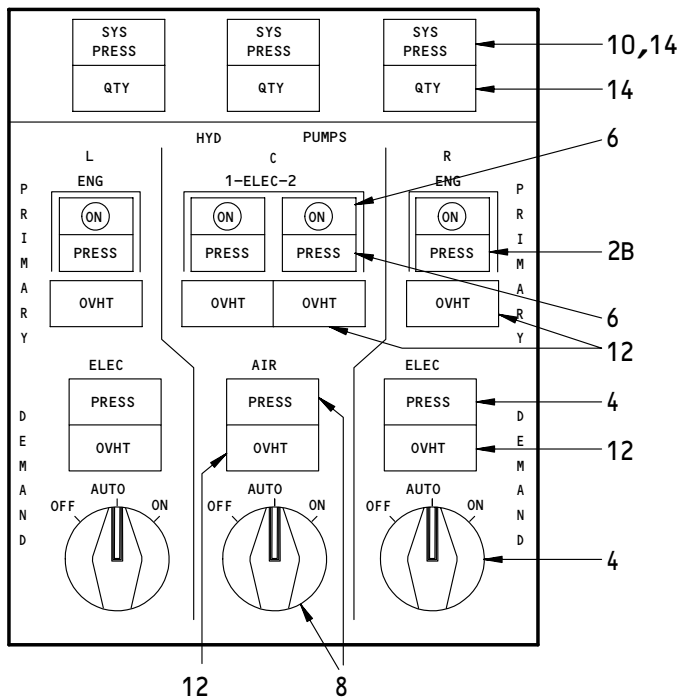
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BOEING 767

FAULT REPORTING MANUAL



OVERHEAD PANEL



ACCESSORY PANEL

		EICAS		
		L	C	R
HYD QTY	10,14	0.82	1.00	0.75RF
HYD PRESS	6,8,14	2950	3000	3050

2B,4,14

CONTENTS

EFFECTIVITY

ALL

06

HYDRAULIC POWER

BOEING 767
FAULT REPORTING MANUAL

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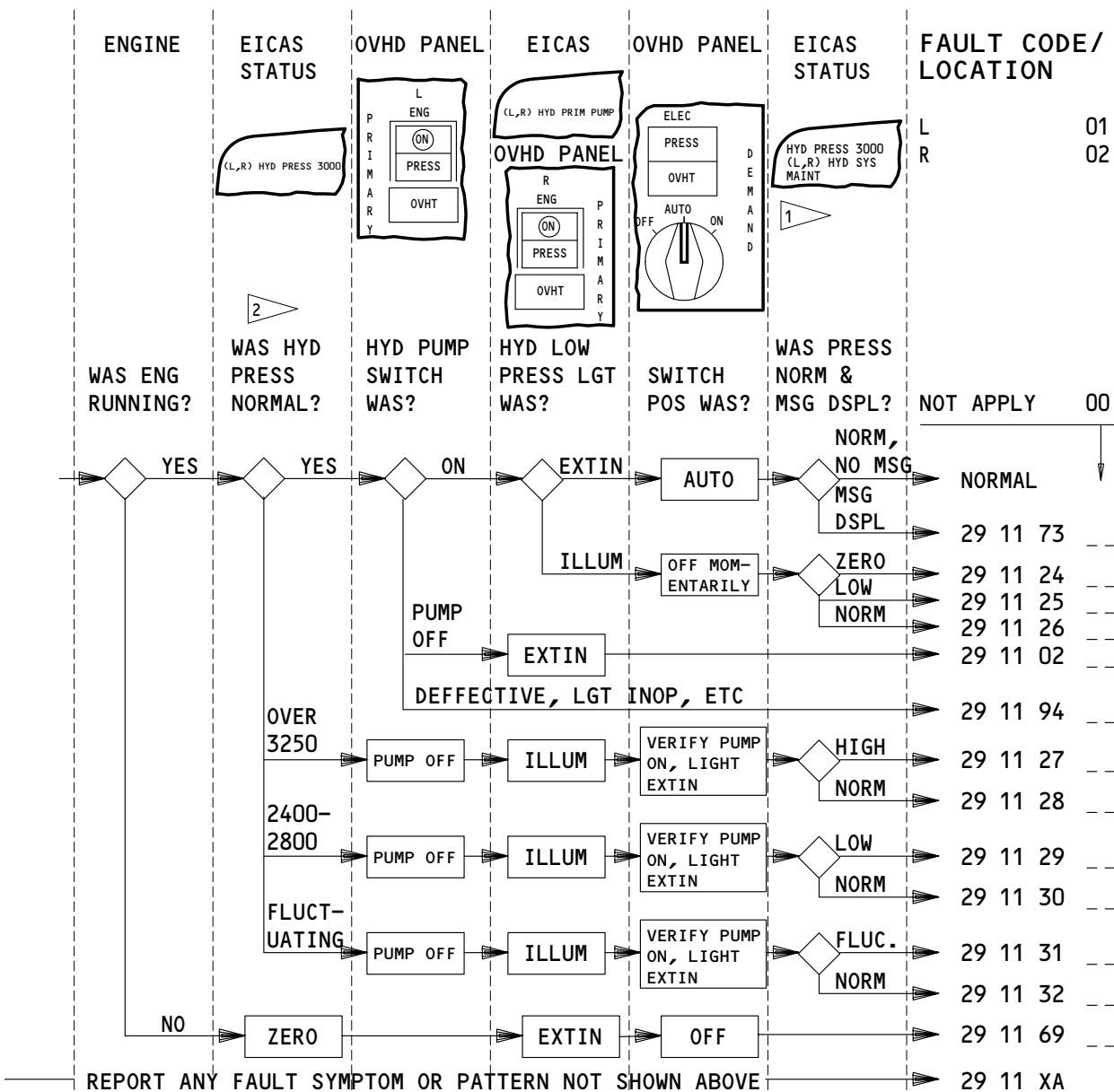
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HYDRAULIC POWER

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BOEING 767

FAULT REPORTING MANUAL



1 EICAS MSG DISPLAYS IF PRESS LESS THAN 2800 FOR MORE THAN 60 SEC WITH BOTH ENGINES RUNNING. MSG IS INHIBITED BY HYD SYS LOW PRESS LGT.

2 NORMAL HYDRAULIC PRESSURE IS 2900 - 3200.

APPLICABLE CIRCUIT BREAKERS

11D29	L ENG PUMP SUPPLY	11L17	SYSTEM PRESS L
11D30	R ENG PUMP SUPPLY	11L23	R ENG PUMP DEPRESS
11L14	L ENG PUMP DEPRESS	11L26	SYSTEM PRESS R

EDP (ENGINE DRIVEN PUMP) - FAULT CODES

EFFECTIVITY

ALL

HYDRAULIC POWER

PAGE 2B
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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
29 11 73 --	EICAS msg (O1=L, O2=R) HYD SYS MAINT displayed. Hyd press normal.
29 11 24 --	(O1=L, O2=R) EDP hyd press zero.
29 11 25 --	(O1=L, O2=R) EDP hyd press low ____ PSI. Low PRESS light illum and EICAS msg displayed: (L,R) HYD PRIM PUMP.
29 11 26 --	(O1=L, O2=R) EDP hyd low PRESS, SYS PRESS & DEMAND PRESS lights illum and EICAS msg displayed: (L,R) HYD PRIM PUMP. EDP press was normal.
29 11 02 --	(O1=L, O2=R) EDP failed to depressurize.
29 11 94 --	(O1=L, O2=R) EDP switch (was defective, lgt inop, etc).
29 11 27 --	(O1=L, O2=R) hyd press reads high (____ PSI) with EDP or ACMP operating.
29 11 28 --	(O1=L, O2=R) EDP hyd press high (____ PSI). Press norm with ACMP operating.
29 11 29 --	(O1=L, O2=R) hyd press reads low ____ PSI with EDP or ACMP pump operating. EICAS msg (L,R) HYD SYS MAINT (was, was not) displayed.
29 11 30 --	(O1=L, O2=R) EDP hyd press low (____ PSI). Press norm with ACMP operating. EICAS msg (L,R) HYD SYS MAINT (was, was not) displayed.
29 11 31 --	(O1=L, O2=R) hyd press fluctuates during EDP or ACMP pump operation.
29 11 32 --	(O1=L, O2=R) HYD press fluctuates during EDP operation.
29 11 69 --	(O1=L, O2=R) EDP hyd low PRESS light did not illum or EICAS msg (L, R) HYD PRIM PUMP display with eng not running.
29 11 XA --	Report any EDP (Engine Driven Pump) hydraulic symptom or pattern modes along with fault code.

EDP (ENGINE DRIVEN PUMP) – LOG BOOK REPORTS

EFFECTIVITY

ALL

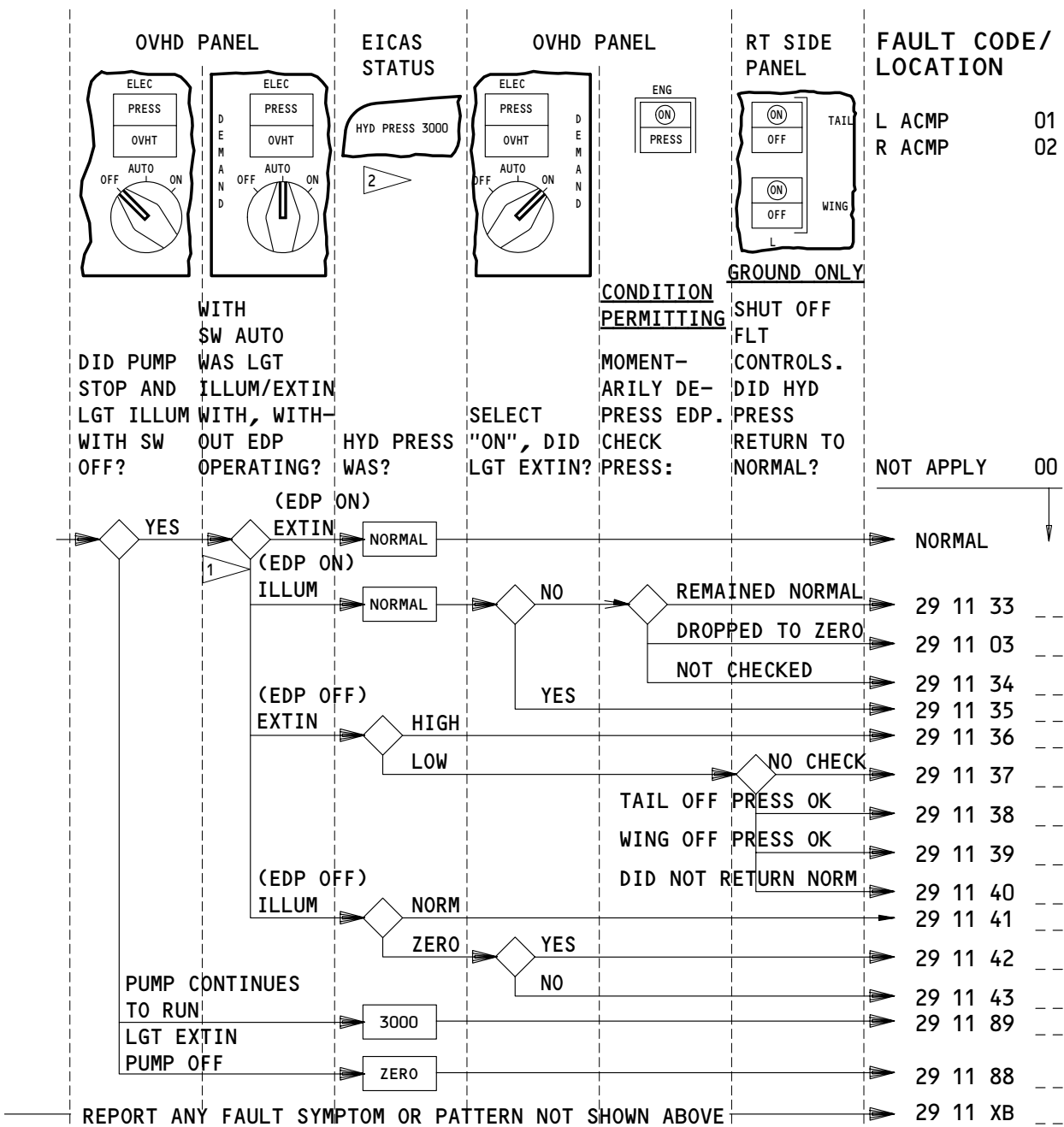
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HYDRAULIC POWER

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BOEING 767

FAULT REPORTING MANUAL



- 1 ACMP STARTS AT 1900 PSI AND RUNS FOR 15 SEC AFTER PRESS EXCEEDS 2400 PSI.
- 2 NORMAL PRESS IS 2900 - 3200.

APPLICABLE CIRCUIT BREAKERS

11L16	ELEC PUMP R	11L17	SYSTEM PRESS L	11L25	ELEC PUMP L
				11L26	SYSTEM PRESS R

ACMP (AC MOTOR PUMP) LEFT/RIGHT - FAULT CODES

EFFECTIVITY

ALL

HYDRAULIC POWER

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
29 11 33 --	(O1=L, O2=R) ACMP low PRESS light illum. EICAS msg displayed: (L,R) HYD DEM PUMP. ACMP press norm.
29 11 03 --	(O1=L, O2=R) ACMP inop in AUTO or MAN.
29 11 34 --	(O1=L, O2=R) ACMP low PRESS light illum and EICAS msg displayed: (L,R) HYD DEM PUMP in auto or man mode.
29 11 35 --	(O1=L, O2=R) ACMP low PRESS light illum and EICAS msg displayed: (L,R) HYD DEM PUMP in auto mode. OK in man mode.
29 11 36 --	(O1=L, O2=R) ACMP press above norm, ____ PSI.
29 11 37 --	(O1=L, O2=R) ACMP press low.
29 11 38 --	(O1=L, O2=R) ACMP press low. Press OK with tail hyd shutoff valve closed.
29 11 39 --	(O1=L, O2=R) ACMP press low. Press OK with wing hyd shutoff valve closed.
29 11 40 --	(O1=L, O2=R) ACMP press low. Press still low with wing and tail hyd shutoff valves closed.
29 11 41 --	(O1=L, O2=R) ACMP low PRESS light illum and EICAS msg displayed: (L,R) HYD DEM PUMP. ACMP press norm.
29 11 42 --	(O1=L, O2=R) ACMP low PRESS light illum and EICAS msg displayed: (L,R) HYD DEM PUMP in AUTO mode. OK in MAN mode.
29 11 43 --	(O1=L, O2=R) ACMP inop in AUTO or MAN mode.
29 11 89 --	(O1=L, O2=R) ACMP continues to run with pump sw off.
29 11 88 --	(O1=L, O2=R) ACMP low PRESS light extin with pump off.
29 11 XB --	Report any ACMP (AC Motor Pump) left/right symptom or pattern along with fault code.

ACMP (AC MOTOR PUMP) LEFT/RIGHT - LOG BOOK REPORTS

EFFECTIVITY

ALL

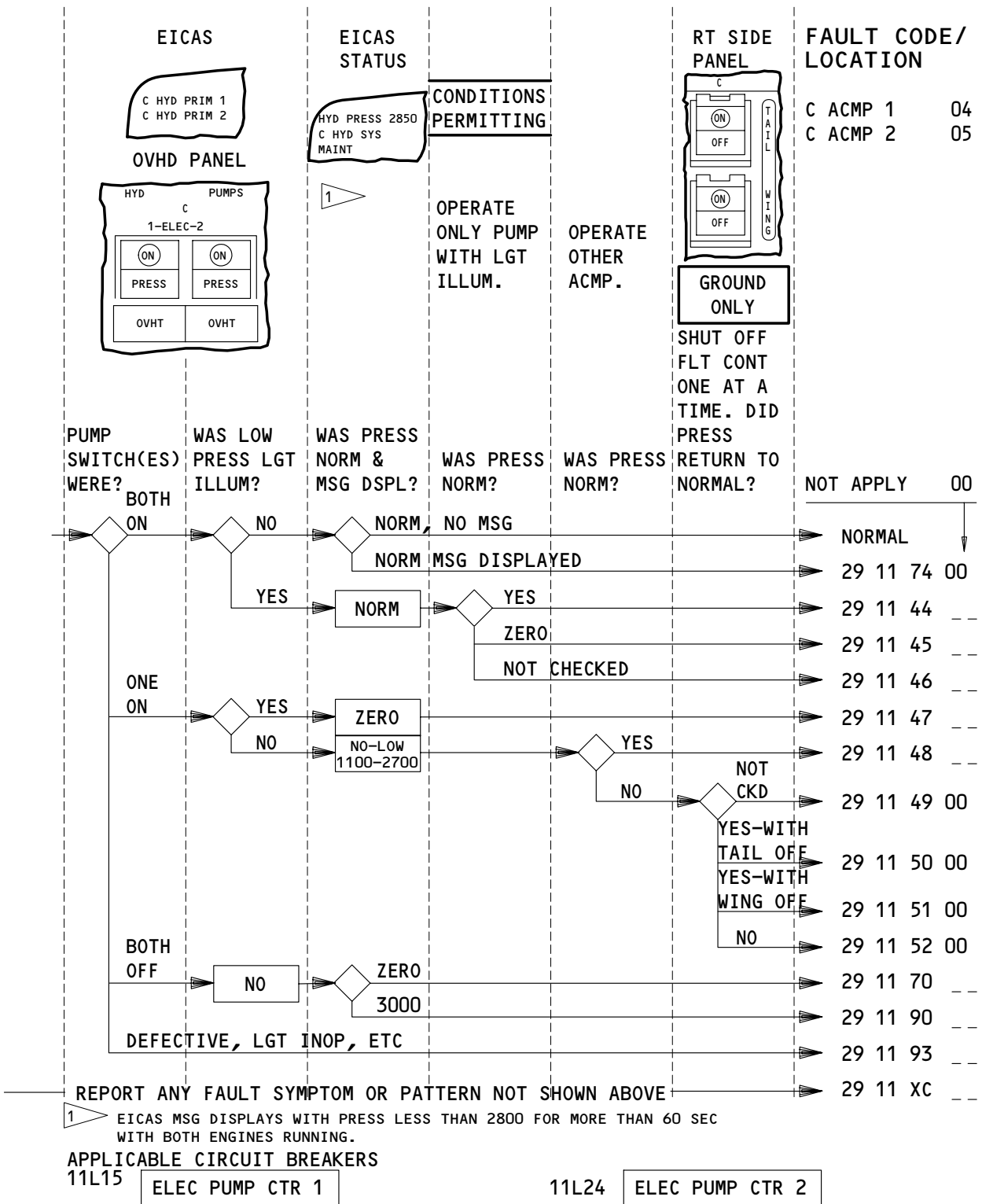
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HYDRAULIC POWER

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FAULT REPORTING MANUAL



ACMP (AC MOTOR PUMP) CENTER - FAULT CODES

EFFECTIVITY

ALL

HYDRAULIC POWER

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 29 11 74 00 EICAS msg C HYD SYS MAINT displayed. Hyd press normal.
- 29 11 44 __ C ACMP (04=1, 05=2) low PRESS light illum. EICAS msg displayed: C HYDPRIM (1, 2). Pump press is normal.
- 29 11 45 __ C ACMP (04=1, 05=2) press is zero.
- 29 11 46 __ C ACMP (04=1, 05=2) low PRESS light illum. EICAS msg displayed: C HYD PRIM (1, 2). Pump press not checked.
- 29 11 47 __ C ACMP (04=1, 05=2) press is zero. EICAS msg C HYD SYS MAINT (is, is not) displayed.
- 29 11 48 __ C ACMP (04=1, 05=2) press is zero. EICAS msg C HYD SYS MAINT (is, is displayed. Press norm when using other ACMP.
- 29 11 49 00 C HYD press low when operating on either ACMP. EICAS msg C HYD SYS MAINT (is, is not) displayed.
- 29 11 50 00 C HYD press low with one pump operating. EICAS msg C HYD SYS MAINT (is, is not) displayed. Press OK with Tail Hyd Shutoff Valve closed. Press ____ PSI.
- 29 11 51 00 C HYD press low with one pump operating. EICAS msg C HYD SYS MAINT (is, is not) displayed. Press OK with Wing Hyd Shutoff Valve closed. Press ____ PSI.
- 29 11 52 00 C HYD press low with one pump operating. EICAS msg C HYD SYS MAINT (is, is not) displayed. Press did not return to normal when Flight Control Hyd Shutoff valves closed.
- 29 11 70 __ C ACMP (04=1, 05=2) LOW PRESS light did not illum or EICAS msg C HYD PRIM (1, 2) display with sw OFF. Pump was off.
- 29 11 90 __ C ACMP (04=1, 05=2) continues to run with sw off.
- 29 11 93 __ C ACMP (04=1, 05=2) switch (was defective, lgt inop, etc.). (Describe).
- 29 11 XC __ Report ACMP (AC Motor Pump) center symptoms or patterns along with fault code.

ACMP (AC MOTOR PUMP) CENTER - LOG BOOK REPORTS

EFFECTIVITY

ALL

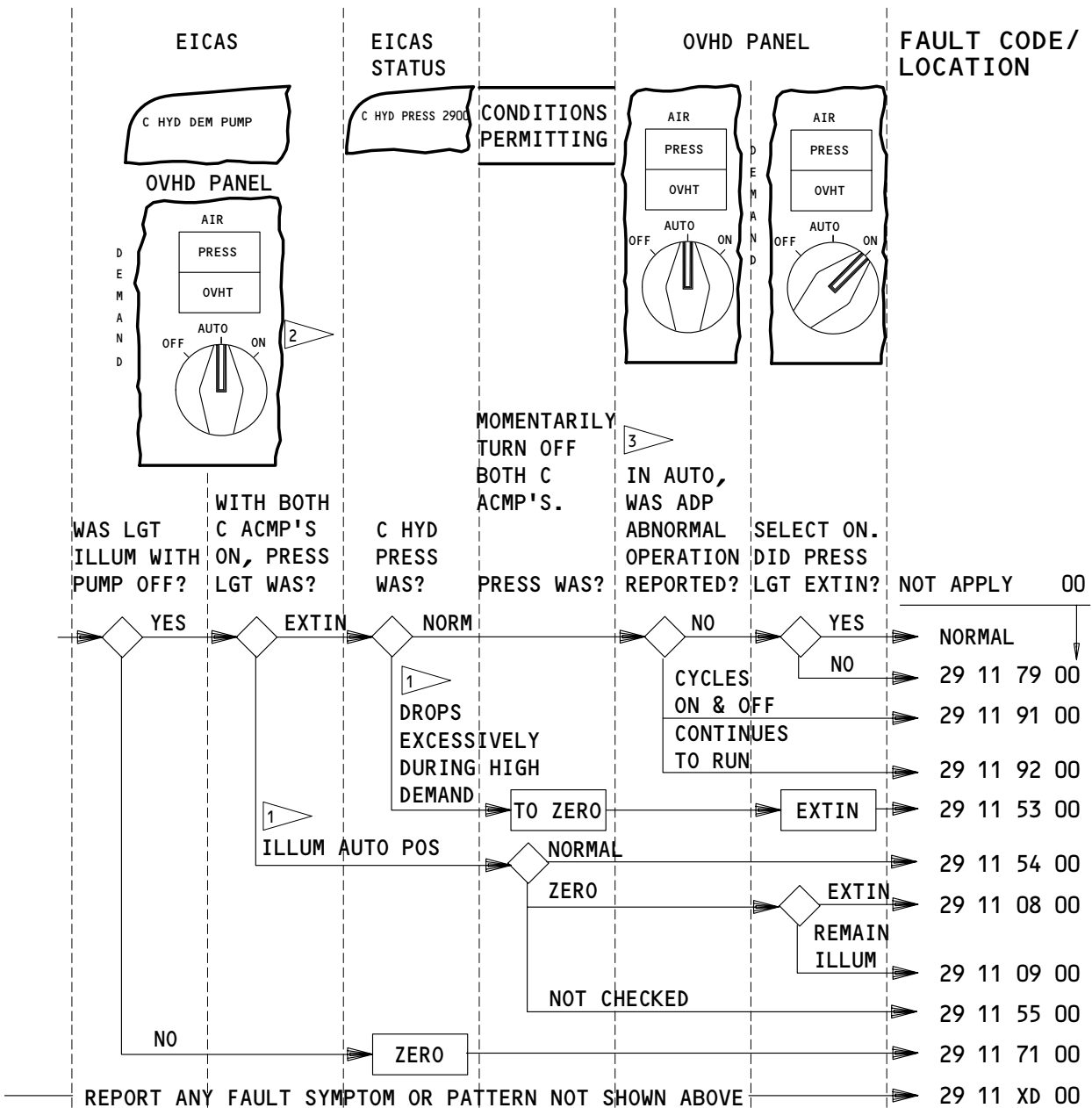
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HYDRAULIC POWER

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BOEING 767

FAULT REPORTING MANUAL



- 1 IF SYS PRESS DROPS LOWER THAN NORMAL AND REMAINS LOW DURING HIGH DEMAND PERIODS, FAILURE OF ADP TO OPERATE IN AUTO MODE MAY BE INDICATED. (EXAMPLE: DURING LANDING GEAR OR FLAP OPERATION)
- 2 ADP WILL OPERATE IN AUTO POSITION IF COMMANDED ON BY THE HYD GEN.
- 3 CABIN STAFF NORMALLY REPORTS THIS PROBLEM AS A NOISE IN CABIN. VALIDATE ADP IS PROBLEM BEFORE USING THESE CODES.

APPLICABLE CIRCUIT BREAKERS

11D31 HYDRAULIC AIR PUMP

ADP (AIR DRIVEN PUMP) - FAULT CODES

EFFECTIVITY
ALL

155227

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

| 29 11 79 00 C ADP inop with ON selected. AUTO mode not checked.
29 11 91 00 C ADP cycles on and off in AUTO mode.
29 11 92 00 C ADP continues to run in AUTO mode.
29 11 53 00 C ADP inop in AUTO mode.
29 11 54 00 C ADP low PRESS lgt illum in AUTO. EICAS msg displayed: C HYD DEM
PUMP. ADP press is normal.
| 29 11 08 00 C ADP inop in AUTO mode, OK with ON selected.
| 29 11 09 00 C ADP inop in AUTO or ON mode.
| 29 11 55 00 C ADP low PRESS lgt illum in AUTO mode, ON mode not checked.
29 11 71 00 C ADP low PRESS lgt did not illum and EICAS msg C HYD DEM PUMP did
not display with sw OFF.

29 11 XD 00 Report ADP (Air Driven Pump) symptom or pattern along with fault code.

ADP (AIR DRIVEN PUMP) - LOG BOOK REPORTS

EFFECTIVITY

ALL

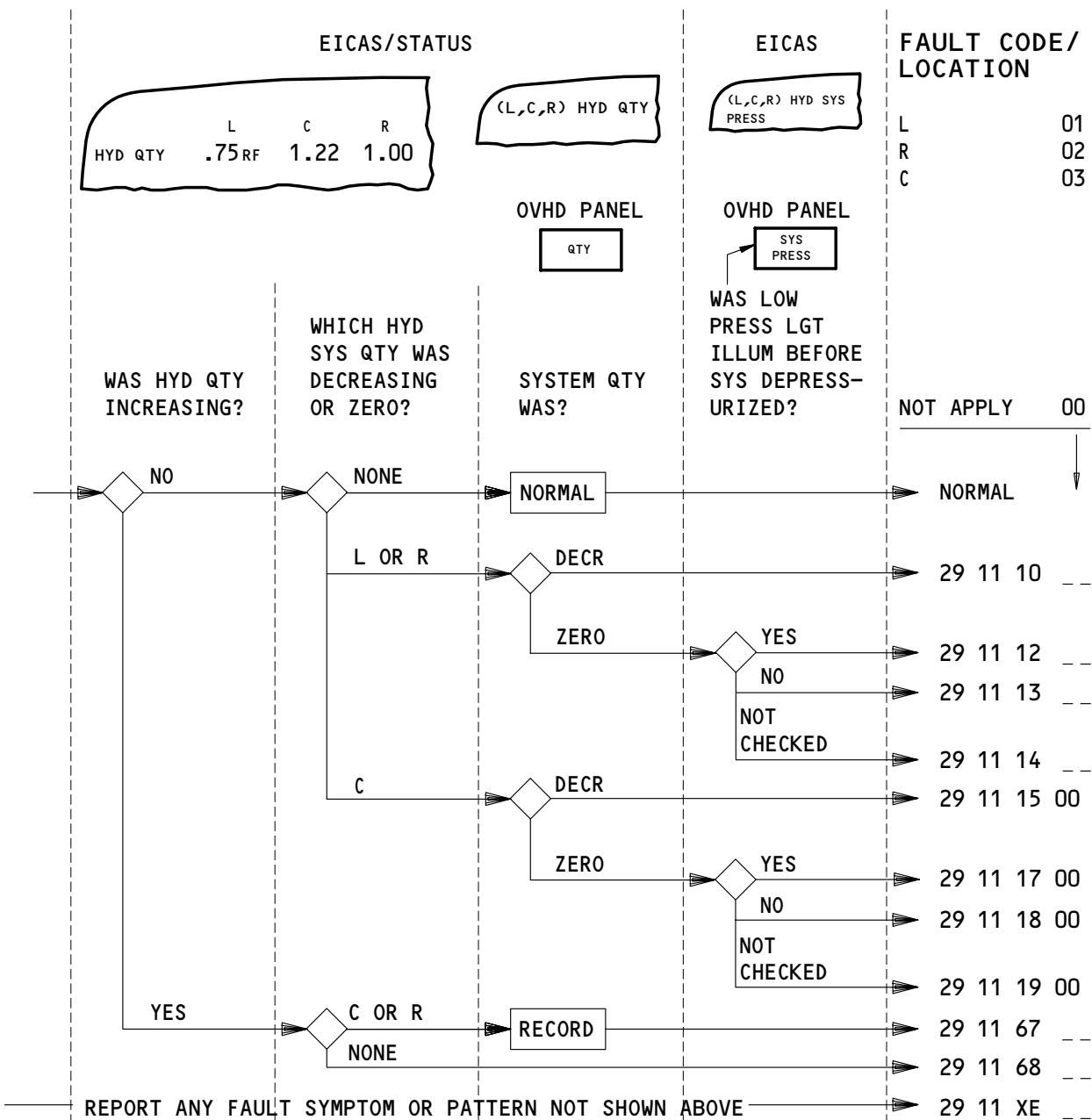
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HYDRAULIC POWER

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

NONE

HYDRAULIC QUANTITY INCREASING/DECREASING – FAULT CODES

EFFECTIVITY

ALL

HYDRAULIC POWER

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DEC 22/04

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
29 11 10 --	(01=L, 02=R) hyd qty decreased to ____.
29 11 12 --	(01=L, 02=R) hyd qty decreased to zero and system PRESS & QTY lgts illum. EICAS msg (L, R) HYD SYS PRESS & (L,R) HYD QTY displayed.
29 11 13 --	(01=L, 02=R) hyd qty zero. EICAS msg (L,R) HYD QTY displayed. System PRESS lgt not illum.
29 11 14 --	(01=L, 02=R) hyd qty zero. EICAS msg (L,R) HYD QTY displayed. Pump press not checked.
29 11 15 00	C hyd qty decreased to ____.
29 11 17 00	C hyd qty decreased to zero and system PRESS & QTY lgts illum. EICAS msg C HYD SYS PRESS and C HYD QTY displayed.
29 11 18 00	C hyd qty zero. EICAS msg C HYD QTY displayed. System PRESS lgt did not illum.
29 11 19 00	C hyd qty zero. EICAS msg C HYD QTY displayed. System press not checked.
29 11 67 --	(01=L, 02=R, 03=C) hyd qty increased to ____ with a decrease in (C, R) hyd qty.
29 11 68 --	(01=L, 02=R, 03=C) hyd qty increased to ____ with no change in other hyd qtys.

HYDRAULIC QUANTITY INCREASING/DECREASING – LOG BOOK REPORTS

EFFECTIVITY

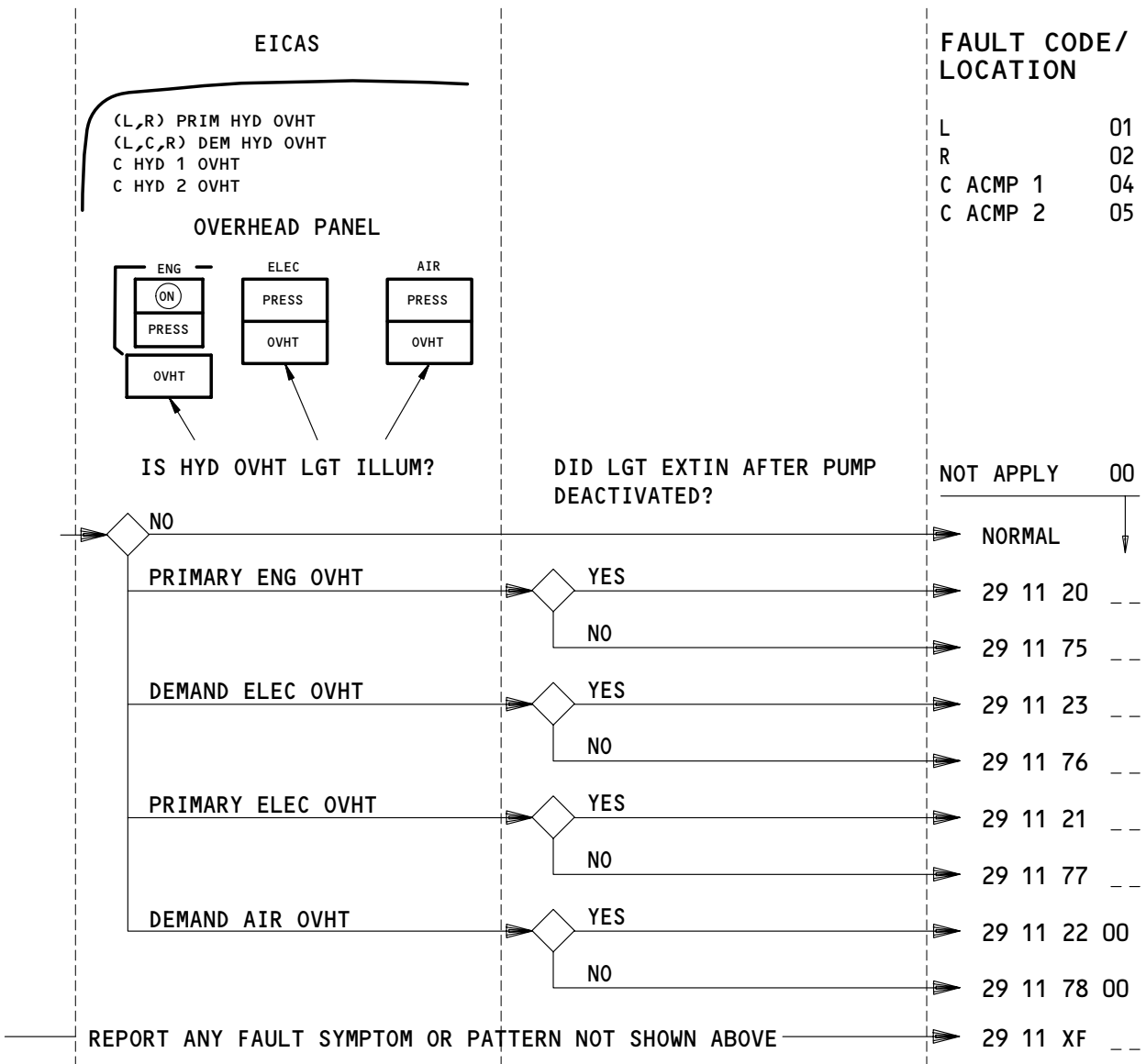
ALL

03

HYDRAULIC POWER

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BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

NONE

HYDRAULIC OVERHEAT – FAULT CODES

EFFECTIVITY

ALL

03

HYDRAULIC POWER

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 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
29 11 20 --	(O1=L, O2=R) EDP hyd OVHT lgt illum. EICAS msg (L, R) PRIM HYD OVHT displayed. Pump was deactivated and msg and lgt extin.
29 11 75 --	(O1=L, O2=R) EDP hyd OVHT lgt illum. EICAS msg (L, R) PRIM HYD OVHT displayed. Pump was deactivated but lgt and msg remained.
29 11 23 --	(O1=L, O2=R) dem elec hyd OVHT lgt illum. EICAS msg (L, R) DEM HYD OVHT displayed. Pump was deactivated and msg and lgt extin.
29 11 76 --	(O1=L, O2=R) dem elec hyd OVHT lgt illum. EICAS msg (L, R) DEM HYD OVHT displayed. Pump was deactivated but lgt and msg remained.
29 11 21 --	(O4=C ACMP 1, O5=C ACMP 2) prim elec hyd OVHT lgt illum. EICAS msg C HYD (1, 2) displayed. Pump was deactivated and msg and lgt extin.
29 11 77 --	(O4=C ACMP 1, O5=C ACMP 2) prim elec hyd OVHT lgt illum. EICAS msg C HYD (1, 2) displayed. Pump was deactivated but lgt and msg remained.
29 11 22 00	C ADP hyd OVHT lgt illum. EICAS msg C DEM HYD OVHT displayed. Pump was deactivated and msg and lgt extin.
29 11 78 00	C ADP hyd OVHT lgt illum. EICAS msg C DEM HYD OVHT displayed. Pump was deactivated but lgt and msg remained.
29 11 XF --	Report hydraulic overheat symptoms or patterns along with fault code.

HYDRAULIC OVERHEAT – LOG BOOK REPORTS

EFFECTIVITY

ALL

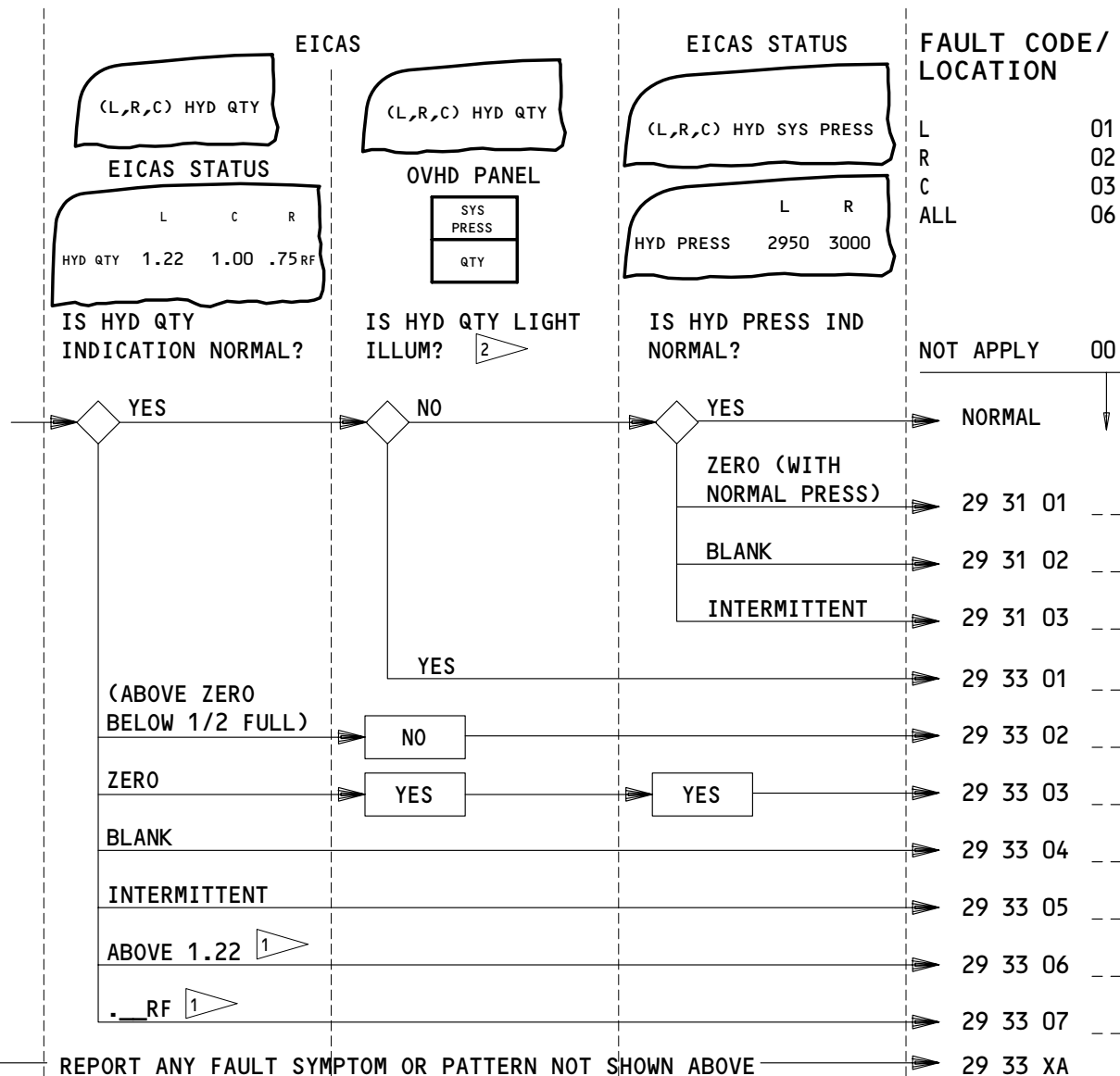
03

HYDRAULIC POWER

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FAULT REPORTING MANUAL



1 IF HYD QTY INCREASED TO 1.22 OR LEAK INDICATED SEE "HYDRAULIC QUANTITY INCREASING/DECREASING".

2 IF C QTY LGT ILLUMINATES, C1 ELEC PUMP IS AUTOMATICALLY ISOLATED TO ALTN BRAKES & NOSE STEERING.

APPLICABLE CIRCUIT BREAKERS

11L17	SYSTEM PRESS L
11L18	SYSTEM PRESS CTR
11L20	QTY
11L26	SYSTEM PRESS R

HYDRAULIC INDICATORS – FAULT CODES

EFFECTIVITY

ALL

HYDRAULIC POWER

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FAULT REPORTING MANUAL

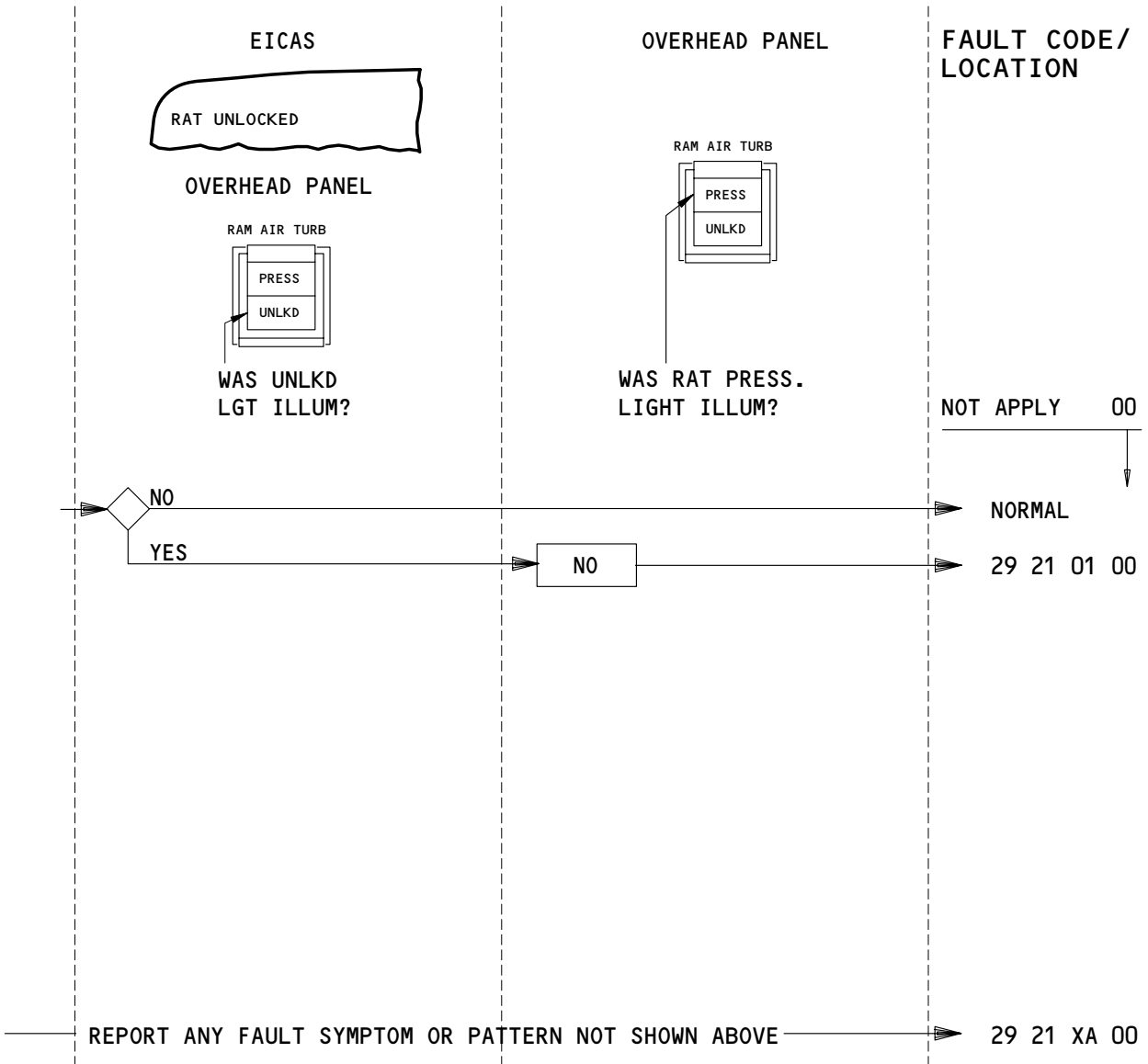
FAULT CODE	LOG BOOK REPORT
29 31 01 --	(01=L, 02=R, 03=C) hyd press reads zero with normal press. EICAS msg (L,R,C) HYD SYS PRESS displayed.
29 31 02 --	(01=L, 02=R, 03=C) hyd press indication is blank.
29 31 03 --	(01=L, 02=R, 03=C) hyd press indication is intermittent.
29 33 01 --	(01=L, 02=R, 03=C) hyd QTY light illum. Qty reads normal. EICAS msg displayed: (L, R, C) HYD QTY.
29 33 02 --	(01=L, 02=R, 03=C) hyd QTY lgt failed to illum with qty below 1/2 tank.
29 33 03 --	(01=L, 02=R, 03=C) hyd qty reads zero, hyd QTY lgt illum. EICAS msg displayed: (L, R, C) HYD QTY. Hydraulic low PRESS lgt is extin.
29 33 04 --	(01=L, 02=R, 03=C) hyd qty display is blank.
29 33 05 --	(01=L, 02=R, 03=C, 06=ALL) hyd qty display is intermittent.
29 33 06 --	(01=L, 02=R, 03=C) hyd qty reads above 1.22.
29 33 07 --	(01=L, 02=R, 03=C) hyd qty reads .__RF.
29 33 XA --	Report hydraulic indicator symptoms or patterns along with fault code.

HYDRAULIC INDICATORS – LOG BOOK REPORTS

118525

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

- 6C1 MAN RAM AIR TURB
- 6C2 AUTO RAM AIR TURB
- 6J8 RAM AIR TURBINE PWR

RAT (RAM AIR TURBINE) - FAULT CODES

EFFECTIVITY

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01

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

| 29 21 01 00 RAT UNLKD lite illum. RAT PRESS lgt extin. EICAS msg displayed:
RAT UNLOCKED.

29 21 XA 00 Report RAT (Ram Air Turbine) symptoms or patterns along with fault code.

RAT (RAM AIR TURBINE) - LOG BOOK REPORTS

EFFECTIVITY

ALL

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ICE AND RAIN PROTECTION

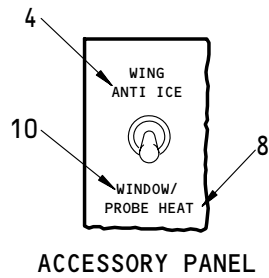
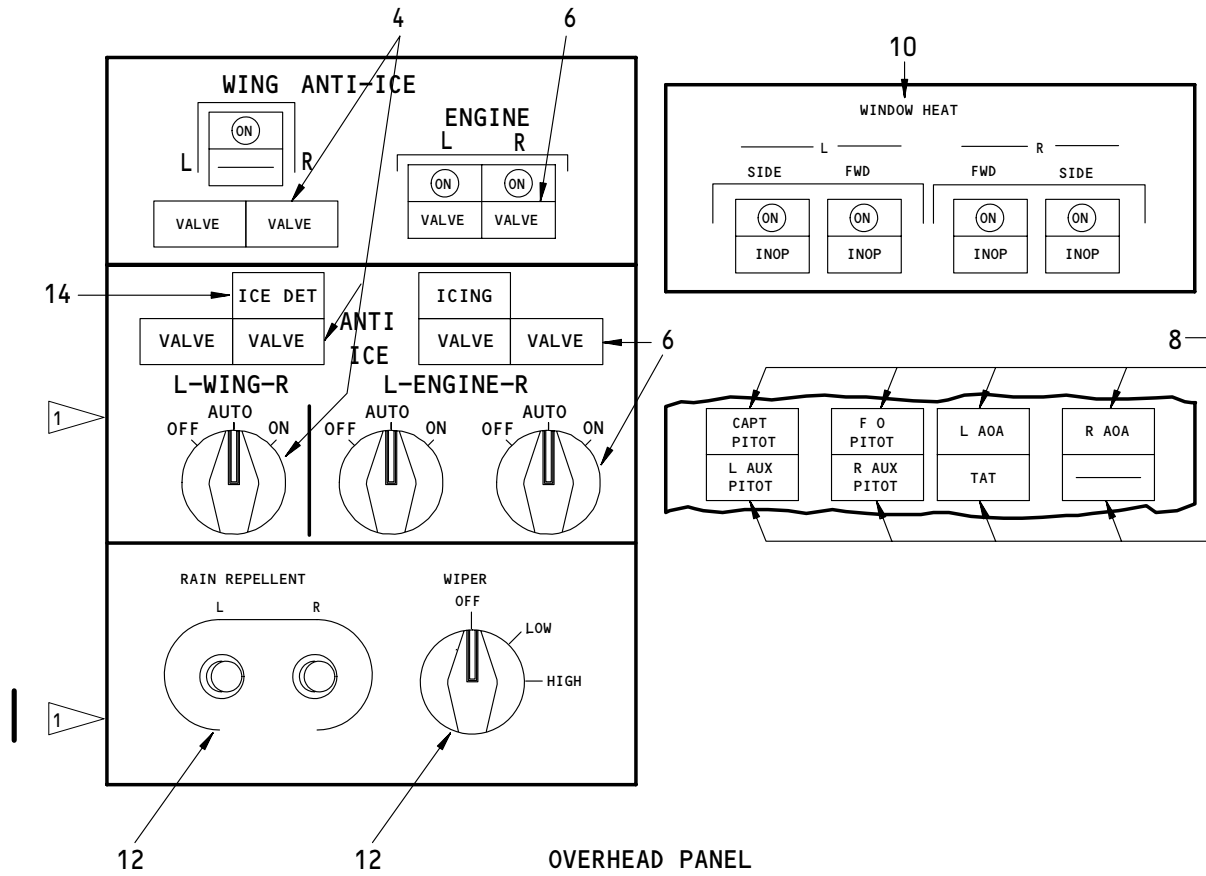
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EICAS MESSAGES

EFFECTIVITY
PRIMARY ICE DETECTION SYSTEM

BOEING 767
FAULT REPORTING MANUAL



1 As installed

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EFFECTIVITY
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**ICE AND RAIN
 PROTECTION**

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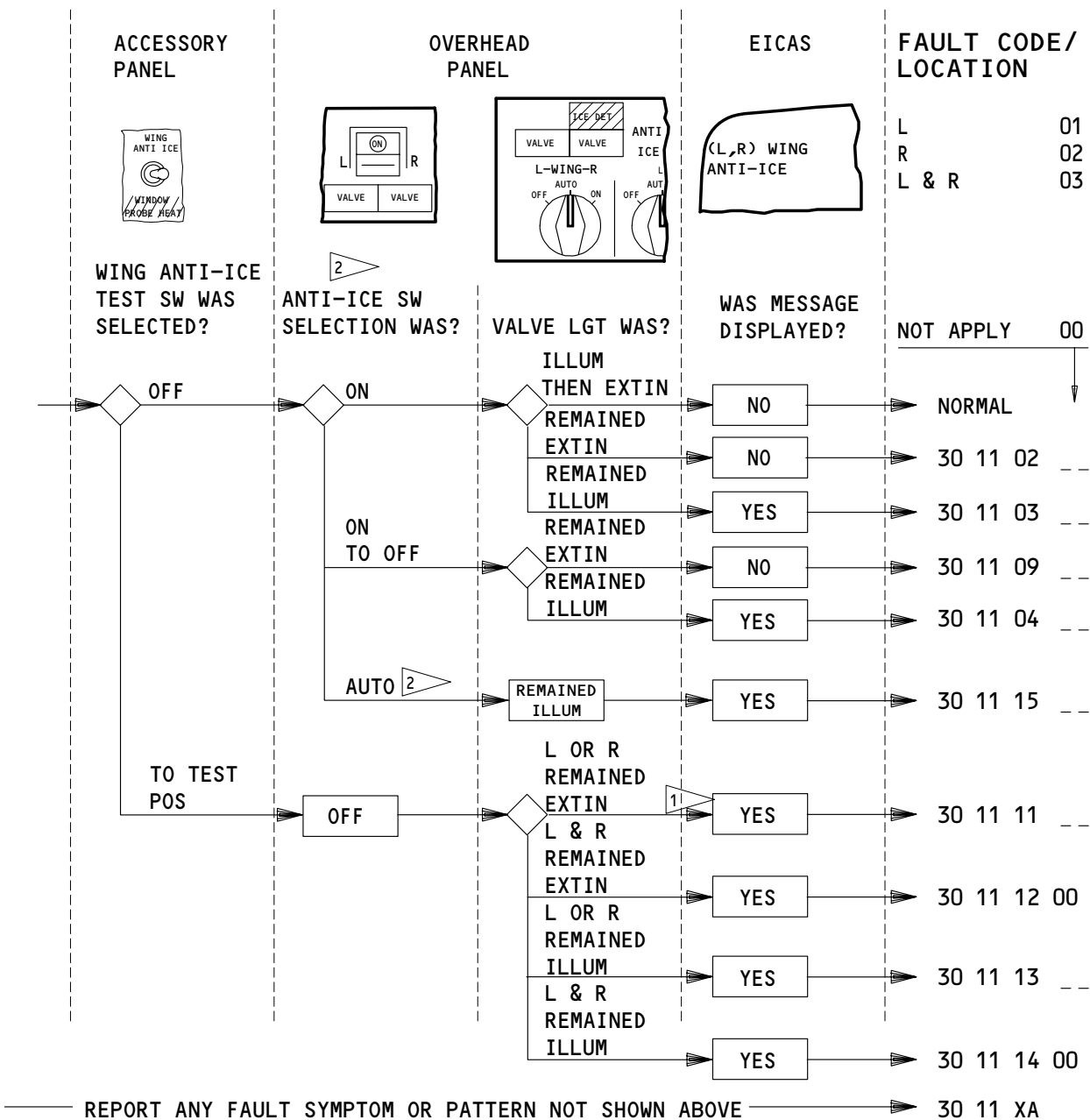
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**ICE AND RAIN
PROTECTION**

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FAULT REPORTING MANUAL



1 BOTH VALVE LGTS ILLUM THEN EXTIN INDICATES NORMAL TEST.

2 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A31	ANTI-ICE WING
11T20	ANTI-ICE WING

WING ANTI-ICE & TEST - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
30 11 02 --	With wing anti-ice sw selected ON (01=L, 02=R, 03=L & R) VALVE light(s) remained extin. No EICAS msg displayed.
30 11 03 --	With wing anti-ice sw selected ON EICAS msg (01=L, 02=R, 03=L & R) WING ANTI ICE displayed. Respective VALVE light(s) illum.
30 11 09 --	With wing anti-ice sw selected from ON to OFF (01=L, 02=R, 03=L & R) VALVE light(s) remained extin. No EICAS msg displayed.
30 11 04 --	With wing anti-ice sw selected from ON to OFF EICAS msg (01=L, 02=R, 03=L & R) WING ANTI-ICE displayed. Respective VALVE light(s) remained illum.
30 11 15 --	With wing anti-ice sw selected AUTO, EICAS msg (01=L, 02=R, 03=L&R) WING ANTI-ICE displayed. Respective VALVE light(s) remained illum.
30 11 11 --	With wing anti-ice test sw selected to test pos EICAS msg (01=L, 02=R) WING ANTI-ICE displayed. (L,R) VALVE light remained extin.
30 11 12 00	With wing anti-ice test sw selected to test pos EICAS messages L & R WING ANTI-ICE displayed. Both VALVE lights remained extin.
30 11 13 --	With wing anti-ice test sw selected to test pos EICAS msg (01=L, 02=R) WING ANTI-ICE displayed. (L,R) VALVE light remained illum.
30 11 14 00	With wing anti-ice test sw selected to test pos EICAS messages L & R WING ANTI-ICE displayed. Both VALVE lights remained illum.
30 11 XA --	Report wing anti-ice & test symptoms or patterns along with fault codes.

WING ANTI-ICE & TEST – LOG BOOK REPORTS

EFFECTIVITY

ALL

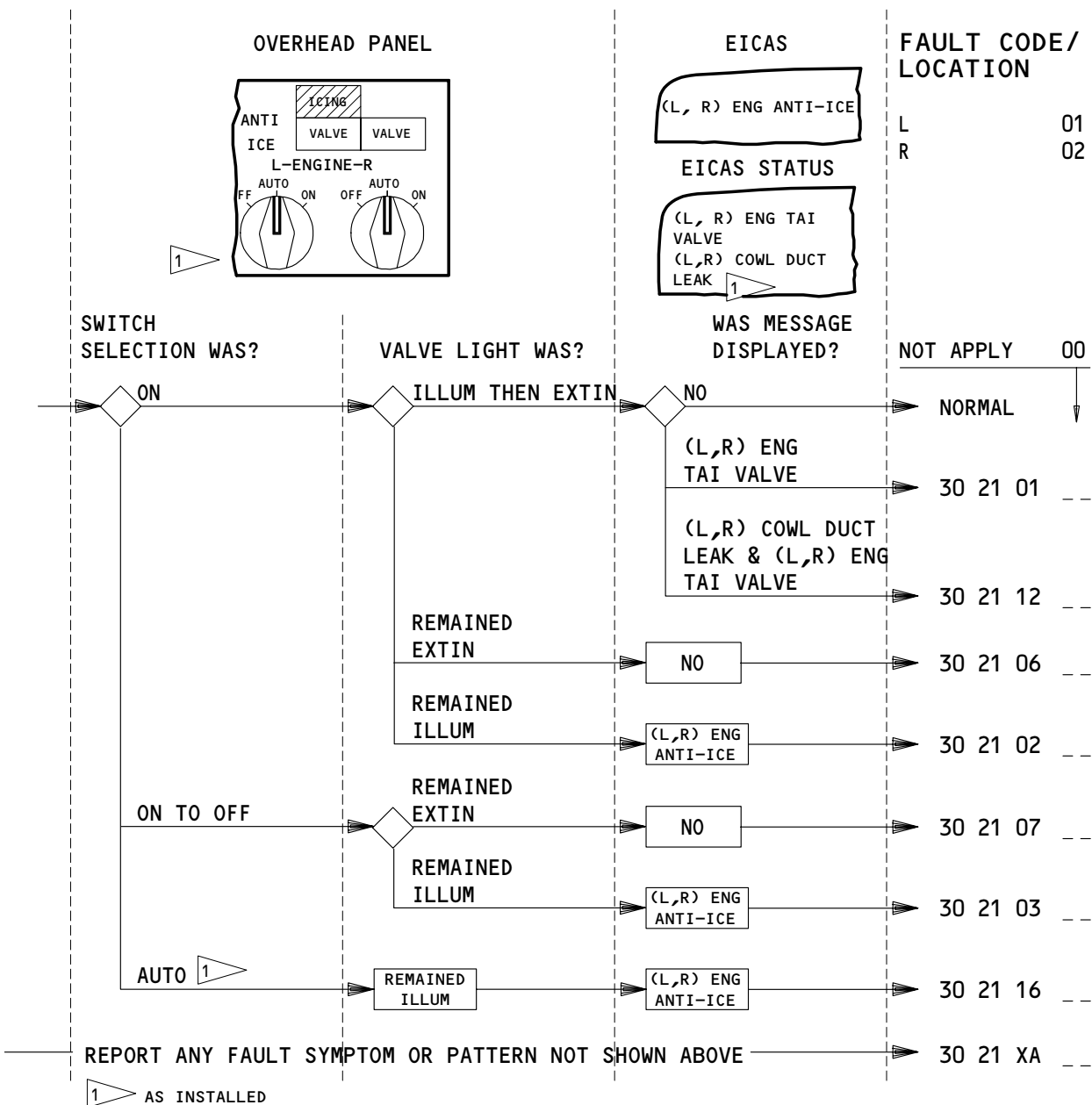
05

**ICE AND RAIN
 PROTECTION**

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A16	ANTI ICE ENG L	11C28	ANTI-ICE ENG R
11A30	ANTI-ICE ALTN R ENG	11T10	ANTI-ICE ENG L
11C27	ANTI-ICE ENG L	11T19	ANTI-ICE ENG R

ENGINE ANTI-ICE - FAULT CODES

EFFECTIVITY

ALL

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ICE AND RAIN PROTECTION

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 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
30 21 01 --	EICAS msg (O1=L, O2=R) ENG TAI VALVE displayed. Eng anti-ice VALVE light extin with sw ON.
30 21 12 --	EICAS msgs (O1=L, O2=R) COWL DUCT LEAK & ENG TAI VALVE displayed. Eng anti-ice valve light illum with sw ON.
30 21 06 --	With (O1=L, O2=R) eng anti-ice sw positioned to ON, VALVE light remained extin. No EICAS msg displayed.
30 21 02 --	EICAS msg (O1=L, O2=R) ENG ANTI-ICE displayed and eng anti-ice VALVE light remained illum with sw ON.
30 21 07 --	With (O1=L, O2=R) eng anti-ice sw selected from ON to OFF, VALVE light remained extin. No EICAS msg displayed.
30 21 03 --	EICAS msg (O1=L, O2=R) ENG ANTI-ICE displayed and eng anti-ice VALVE light remained illum with sw selected from ON to OFF.
30 21 16 --	EICAS msgs (O1=L, O2=R) ENG ANTI-ICE displayed and eng anti-ice VALVE light remained illum with sw selected AUTO.
30 21 XA --	Report engine anti-ice symptoms or patterns along with fault codes.

ENGINE ANTI-ICE – LOG BOOK REPORTS

EFFECTIVITY

ALL

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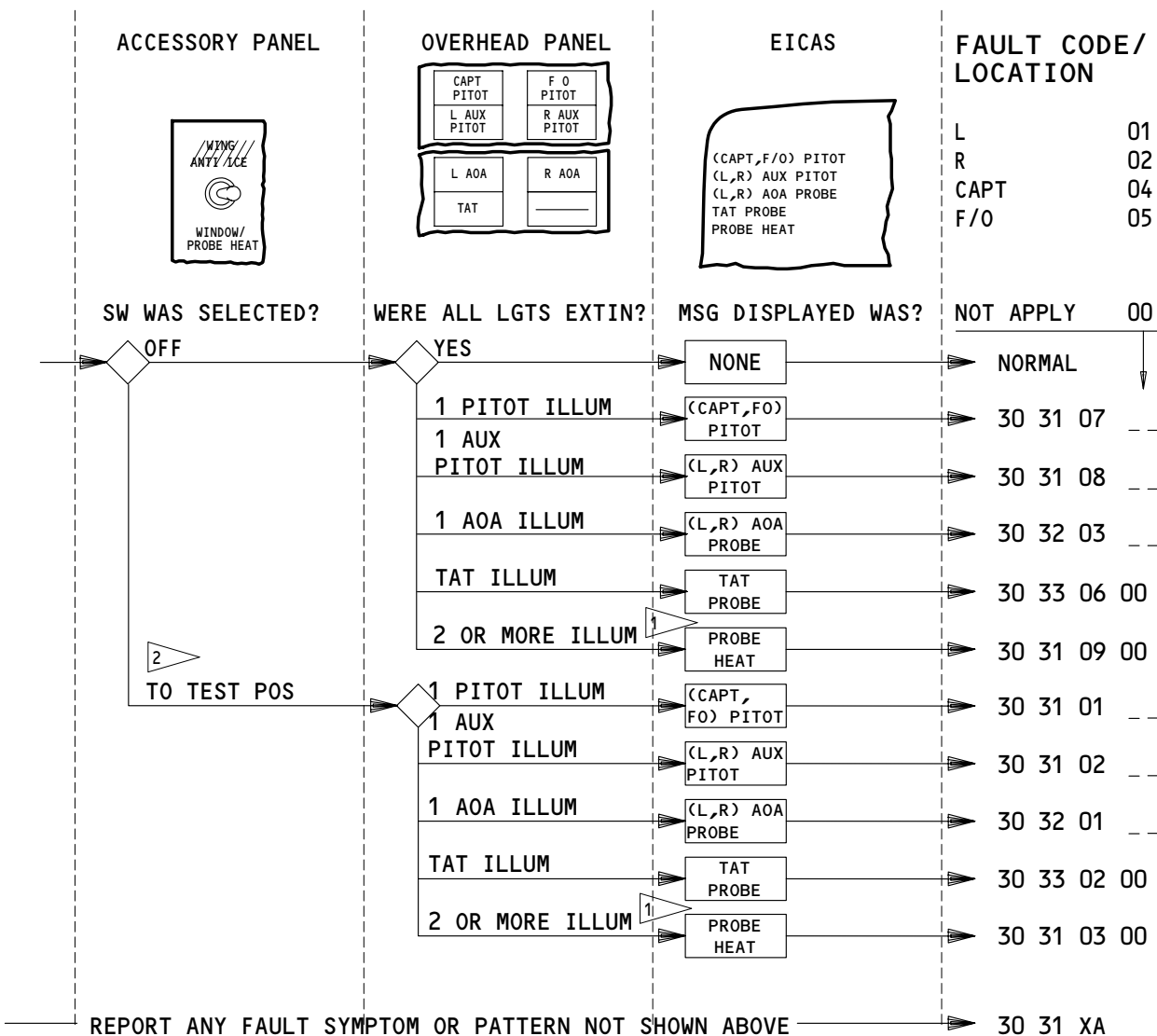
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 PROTECTION**

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V43776

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FAULT REPORTING MANUAL



- 1 2 OR MORE WILL REPLACE INDIVIDUAL MESSAGE WITH PROBE HEAT MESSAGE.
- 2 PERFORM TEST ON GROUND WITH ENGINES OFF.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6K14	ØA CAPT PITOT HEAT	6K21	ØB L AUX PITOT HEAT	6L18	L TAT PROBE HEAT
6K15	ØB CAPT PITOT HEAT	6K22	ØB F/O PITOT HEAT	11A15	PROBE HEAT IND L
6K16	ØB R AUX PITOT HEAT	6K23	ØA F/O PITOT HEAT	11A28	PROBE HEAT IND R
6K17	ØC R AUX PITOT HEAT	6K24	R AOA PROBE HEAT	11T17	PROBE HEAT IND L
6K20	ØC L AUX PITOT HEAT	6L17	L AOA PROBE HEAT	11T26	PROBE HEAT IND R

PROBE HEAT & TEST - FAULT CODES

EFFECTIVITY

ALL

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ICE AND RAIN PROTECTION

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 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
30 31 07 --	EICAS msg (04=CAPT, 05=F/O) PITOT displayed. (CAPT, F/O) PITOT probe heat lgt illum.
30 31 08 --	EICAS msg (01=L, 02=R) AUX PITOT displayed, (L, R) AUX PITOT probe heat lgt illum.
30 32 03 --	EICAS msg (01=L, 02=R) AOA probe displayed, (L, R) AOA probe heat lgt illum.
30 33 06 00	EICAS msg TAT PROBE displayed, TAT probe heat lgt illum.
30 31 09 00	EICAS msg PROBE HEAT displayed, two or more probe heat lgts illum. (Identify faulty probes)
30 31 01 --	EICAS msg (04=CAPT, 05=F/O) PITOT displayed. (CAPT, F/O) PITOT probe heat lgt remains illum during probe heat test.
30 31 02 --	EICAS msg (01=L, 02=R) AUX PITOT displayed. (L, R) AUX PITOT probe heat lgt remains illum during probe heat test.
30 32 01 --	EICAS msg (01=L, 02=R) AOA PROBE displayed. (L, R) AOA probe heat lgt remains illum during probe heat test.
30 33 02 00	EICAS msg TAT PROBE displayed. TAT probe heat lgt remains illum during probe heat test with apl on grd and engs off.
30 31 03 00	EICAS msg PROBE HEAT displayed. Two or more probe heat lgts remain illum during probe heat test. (Identify faulty probes)
30 31 XA --	Report probe heat & test symptoms or patterns along with fault codes.

PROBE HEAT & TEST – LOG BOOK REPORTS

EFFECTIVITY

ALL

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**ICE AND RAIN
 PROTECTION**

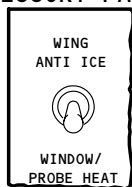
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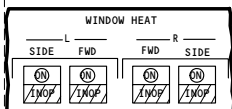
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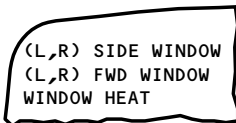
ACCESSORY PANEL



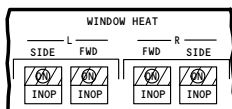
OVERHEAD PANEL



EICAS



OVERHEAD PANEL



FAULT CODE/ LOCATION

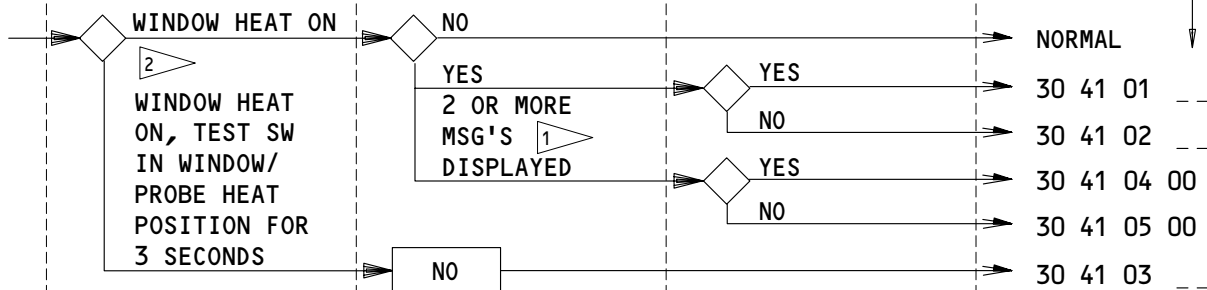
L FWD	06
L SIDE	07
R FWD	08
R SIDE	09
L FWD & R SIDE	10
R FWD & L SIDE	11

SW POS WAS?

WAS MSG DISPLAYED
AND INOP LGTS
ILLUMINATED?

COULD WINDOW HEAT
BE RESET? ³

NOT APPLY 00



REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE → 30 41 XA

¹ 2 OR MORE WILL REPLACE INDIVIDUAL MESSAGES WITH WINDOW HEAT MESSAGE.

² ALL 4 INOP LGTS ILLUMINATED INDICATES NORMAL TEST.

³ LEAVE SW IN OFF A MINIMUM OF 10 SEC BEFORE POSITIONING SW ON.

APPLICABLE CIRCUIT BREAKERS

11T15 WINDOW HEAT TEST

WINDOW HEAT - FAULT CODES

EFFECTIVITY

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FAULT CODE	LOG BOOK REPORT
30 41 01 --	EICAS msg (06=L FWD, 07= L SIDE, 08=R FWD, 09=R SIDE, 10=L FWD & R SIDE, 11=R FWD & L SIDE) WINDOW displayed. INOP light illum. Window heat could be reset.
30 41 02 --	EICAS msg (06=L FWD, 07= L SIDE, 08=R FWD, 09=R SIDE, 10=L FWD & R SIDE, 11=R FWD & L SIDE) WINDOW displayed. INOP light illum. Window heat could not be reset.
30 41 04 00	EICAS msg WINDOW HEAT displayed. (Identify illuminated lights). Window heat could be reset.
30 41 05 00	EICAS msg WINDOW HEAT displayed. (Identify illuminated lights). Window heat could not be reset.
30 41 03 --	(06=L FWD, 07=L SIDE, 08=R FWD, 09=R SIDE, 10=L FWD & R SIDE, 11=R FWD & L SIDE) window heat INOP light did not illuminate with test switch in WINDOW/PROBE HEAT position.
30 41 XA --	Report window heat symptoms or patterns along with fault code.

WINDOW HEAT - LOG BOOK REPORTS

EFFECTIVITY

ALL

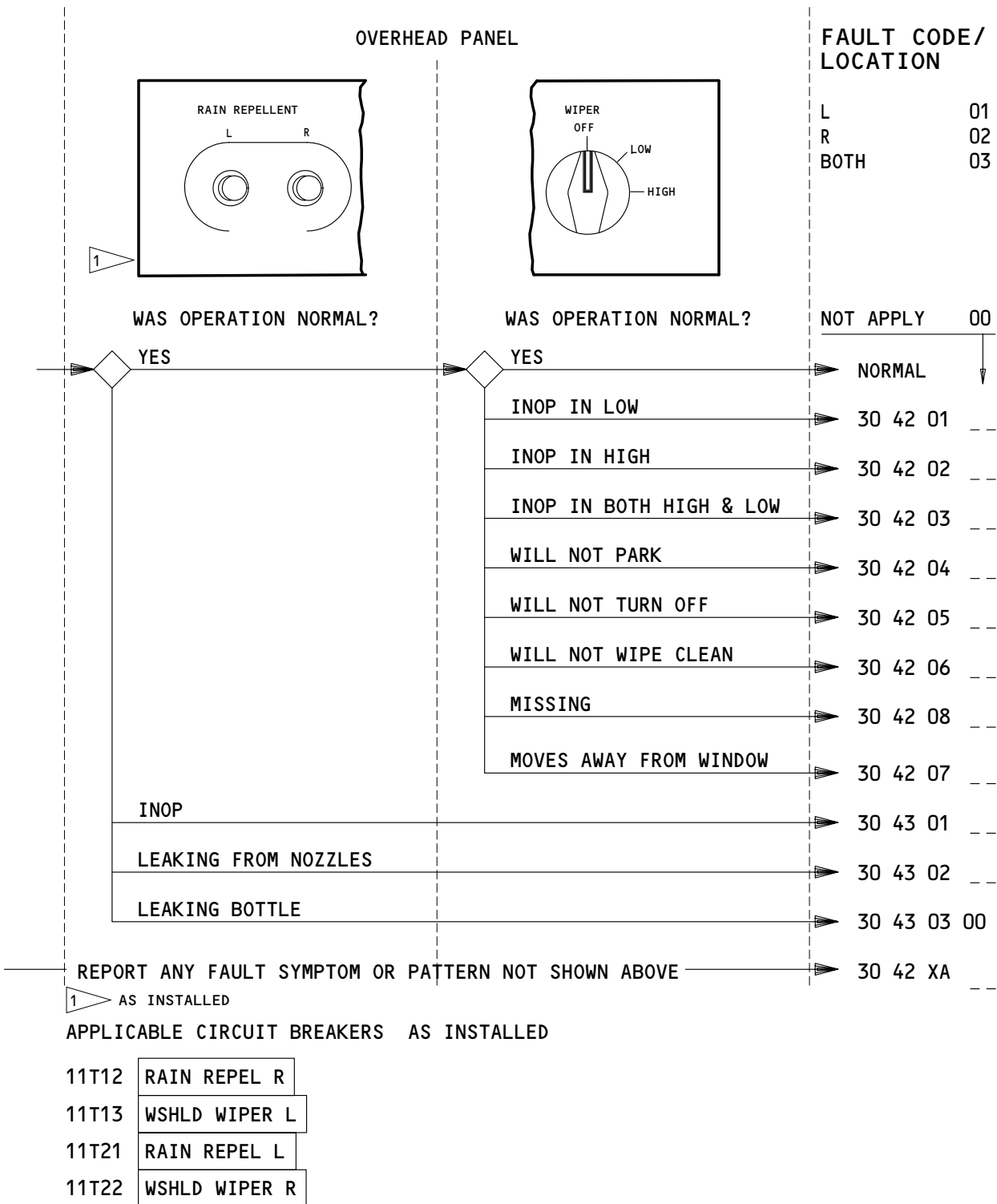
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RAIN REPELLENT & WINDSHIELD WIPERS - FAULT CODES

EFFECTIVITY
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ICE AND RAIN PROTECTION

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
30 42 01 __	(01=L, 02=R, 03=Both) wshld wipers inop in LOW pos.
30 42 02 __	(01=L, 02=R, 03=Both) wshld wipers inop in HIGH pos.
30 42 03 __	(01=L, 02=R, 03=Both) wshld wipers inop in both HIGH & LOW pos.
30 42 04 __	(01=L, 02=R, 03=Both) wshld wipers will not park.
30 42 05 __	(01=L, 02=R, 03=Both) wshld wipers will not turn OFF.
30 42 06 __	(01=L, 02=R, 03=Both) wshld wipers will not wipe clean.
30 42 07 __	(01=L, 02=R, 03=Both) wshld wipers move away from wshld.
30 42 08 __	(01=L, 02=R, 03=Both) wshld wipers missing.
30 43 01 __	(01=L, 02=R, 03=Both) rain repllent system(s) inop.
30 43 02 __	(01=L, 02=R, 03=Both) rain repellent leaking from nozzles.
30 43 03 00	Rain repellent bottle leaking.
30 42 XA __	Report rain repellent & windshield wipers symptoms or patterns along with fault code.

RAIN REPELLENT & WINDSHIELD WIPERS - LOG BOOK REPORTS

EFFECTIVITY

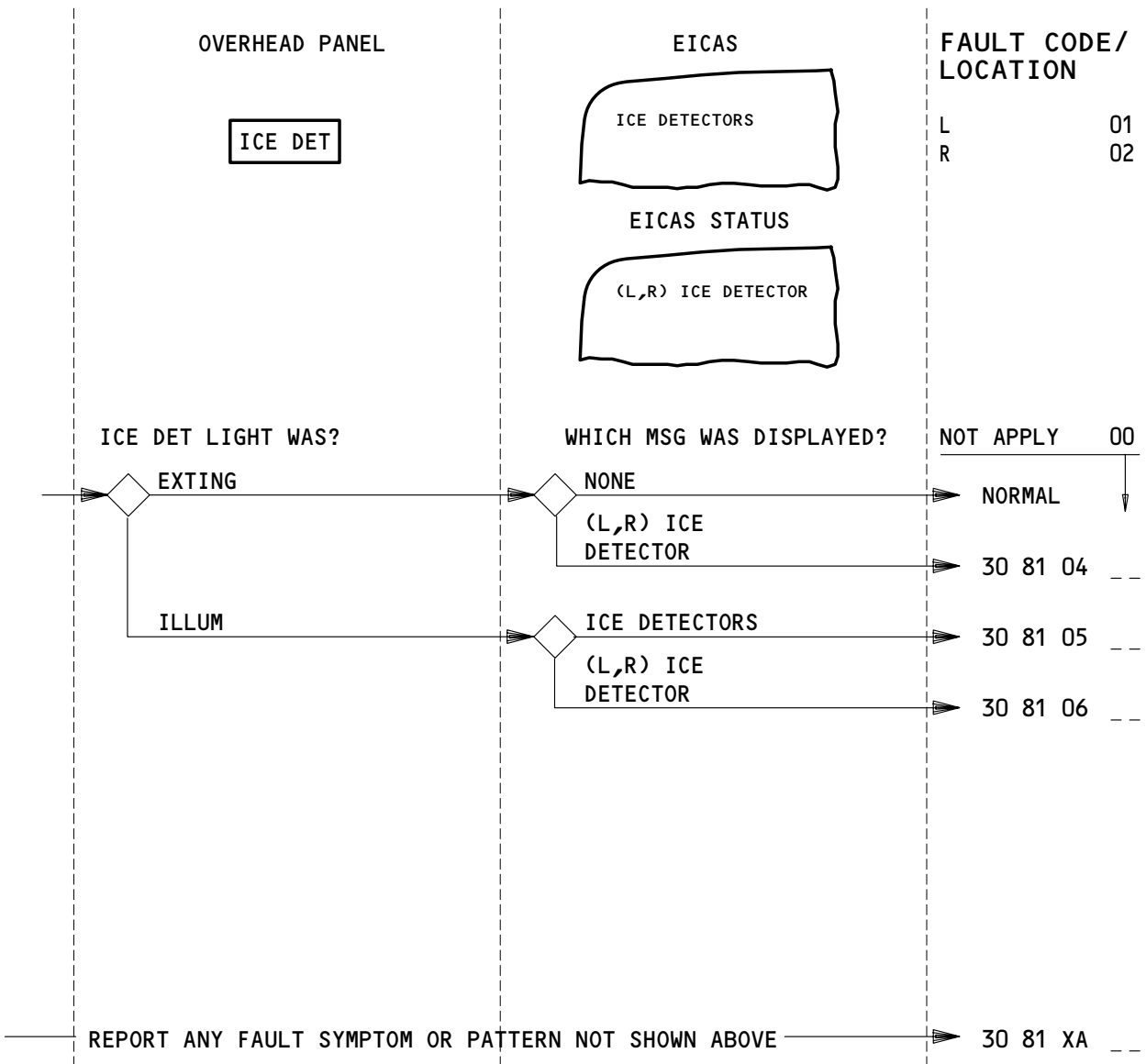
ALL

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APPLICABLE CIRCUIT BREAKERS

11T14	ICE DETECTOR L
11T23	ICE DETECTOR R

ICE DETECTION – FAULT CODES

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**ICE AND RAIN
PROTECTION**

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FAULT CODE

LOG BOOK REPORT

30 81 04 __ EICAS msg (01=L, 02=R) ICE DETECTOR displayed. ICE DET light extin.
30 81 05 __ EICAS msg ICE DETECTORS displayed. ICE DET light illum.
30 81 06 __ EICAS msg (01=L, 02=R) ICE DETECTOR displayed. ICE DET light illum.

30 81 XA __ Report ice detector symptoms or patterns along with fault codes.

ICE DETECTION - LOG BOOK REPORTS

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EICAS/MAINTENANCE MESSAGES

INDICATING/RECORDING
SYSTEMS

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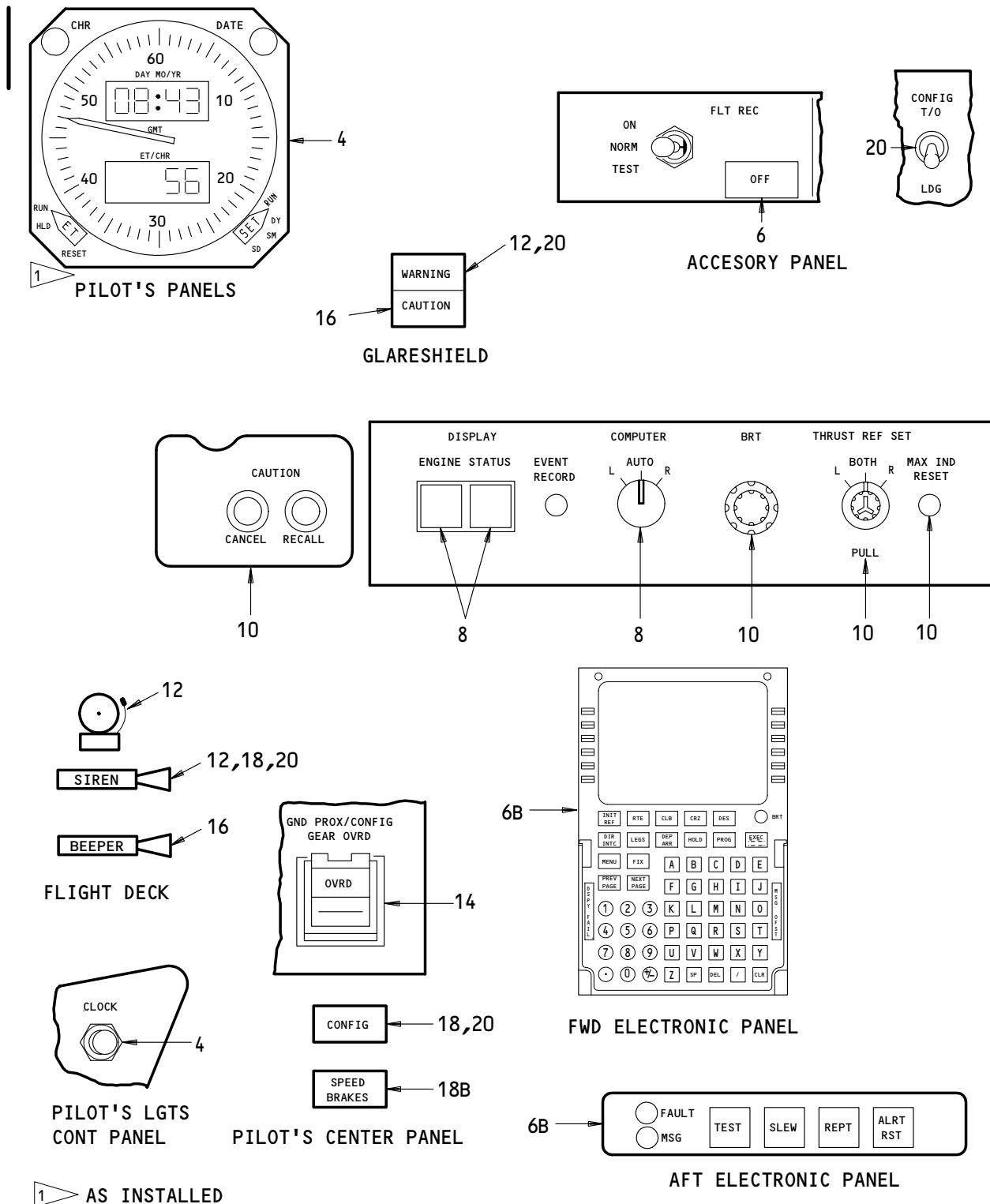
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BOEING 767

FAULT REPORTING MANUAL



1 AS INSTALLED

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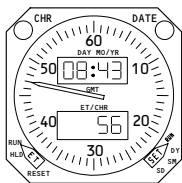
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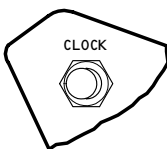
FAULT REPORTING MANUAL

PILOTS' PANEL

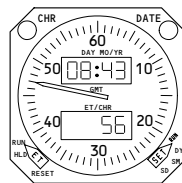


1

PLTS' LGTS
CONT PANEL

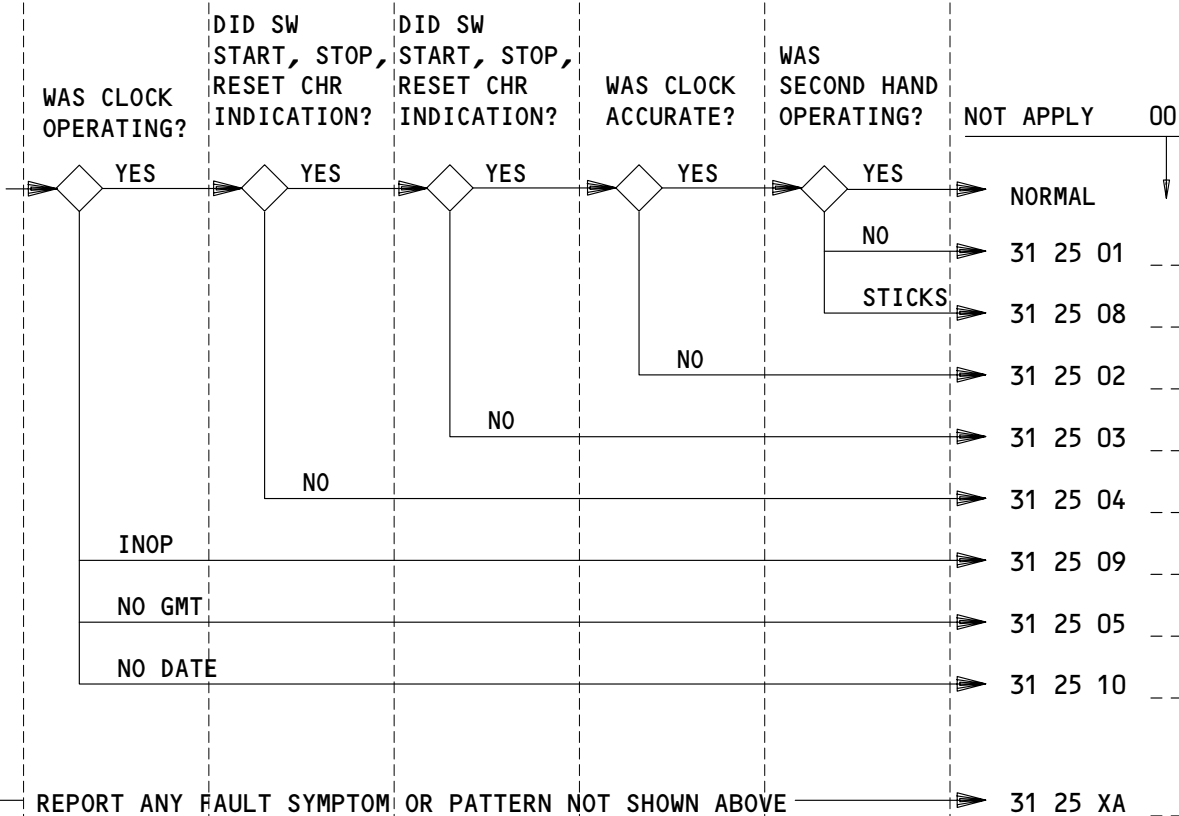


PILOTS' PANEL



FAULT CODE/
LOCATION

CAPT 04
F/O 05
BOTH 06



1 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

663	L CLOCK TIME BASE	11J9	CLOCK IND L
664	R CLOCK TIME BASE	11J36	CLOCK IND R
11B17	CLOCK IND L		

CLOCK - FAULT CODES

INDICATING/RECORDING SYSTEMS

EFFECTIVITY

ALL

01

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
31 25 01 __	(04=Capt, 05=F/0) clock sweep second hand inop.
31 25 08 __	(04=Capt, 05=F/0) clock sweep second hand sticks.
31 25 02 __	(04=Capt, 05=F/0, 06=Both) clock(s) inaccurate.
31 25 03 __	(04=Capt, 05=F/0) clock sw fails to (start, stop or reset) CHR indication.
31 25 04 __	(04=Capt, 05=F/0) chronograph sw fails to (start, stop or reset) CHR indication.
31 25 09 __	(04=Capt, 05=F/0, 06=Both) clock(s) inop.
31 25 05 __	(04=Capt, 05=F/0, 06=Both) clock(s) GMT indicator blank.
31 25 10 __	(04=Capt, 05=F/0, 06=Both) clock(s) date indicator blank.
31 25 XA __	Report clock symptoms or patterns along with fault code.

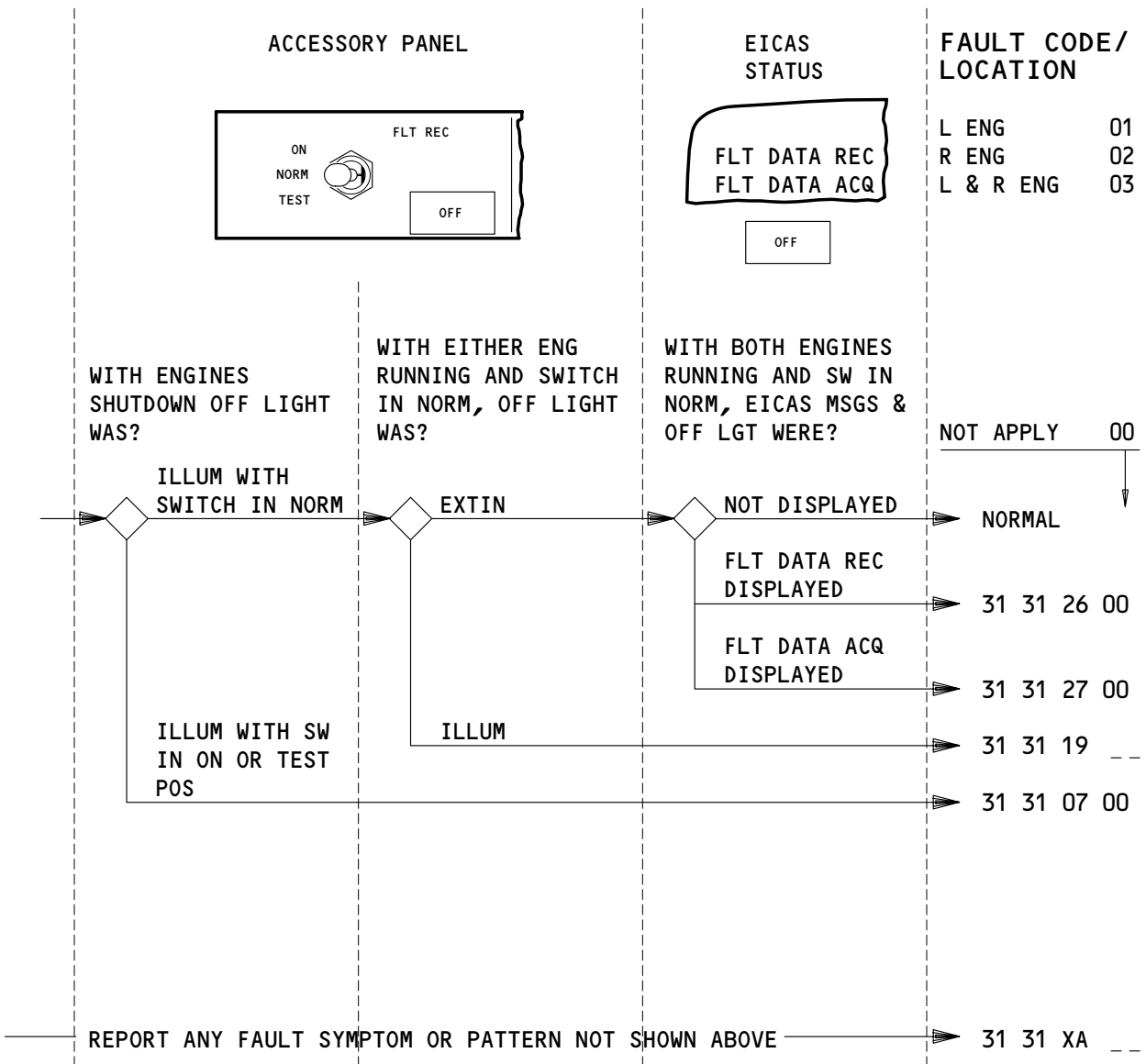
CLOCK - LOG BOOK REPORTS

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11J7	FLIGHT RECORDER AC
11J8	FLIGHT RECORDER DC

FLIGHT RECORDER – FAULT CODES

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

03

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
31 31 26 00	EICAS msg FLT DATA REC displayed. OFF light illuminated with engines running and switch in NORM.
31 31 27 00	EICAS msg FLT DATA ACQ displayed. OFF light illuminated with engines running and switch in NORM.
31 31 19 __	Flight recorder OFF light illuminated with (01=L eng, 02=R eng, 03=L & R engs) running and switch in NORM.
31 31 07 00	Flight recorder OFF light illuminated with engines not running and switch in (ON, TEST).
31 31 XA __	Report flight recorder symptoms or patterns along with fault code.

FLIGHT RECORDER – LOG BOOK REPORTS

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

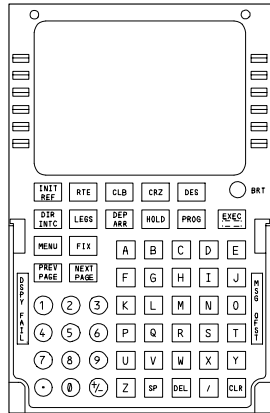
01

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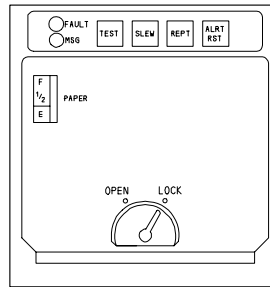
BOEING 767

FAULT REPORTING MANUAL

FWD ELECTRONICS PANEL



AFT ELECTRONICS PANEL



(TYPICAL)

FAULT CODE/ LOCATION

CAPT 01
F/O 02
BOTH 03

NOT APPLY 00

WAS MCDU NORMAL?

YES

WAS PRINTER NORMAL?

YES

NORMAL

PAPER WILL NOT ADVANCE 31 35 04 00

SELF TEST INOP 31 35 05 00

PRINTER FAULT LIGHT ILLUM 31 35 06 00

MSG LIGHT WILL NOT RESET 31 35 07 00

MENU KEY INOP 31 31 08 --

AIDS/ACMS LINE SELECT KEY INOP 31 31 09 --

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE 31 31 XA --

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11J1	PRINTER
11J4	ACMS AC
11J6	ACMS (FLIGHT RECORDER) SENSOR

ACMS - FAULT CODES

INDICATING/RECORDING SYSTEMS

EFFECTIVITY
AIRPLANES WITH MCDU

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
31 35 04 00	Printer paper will not advance.
31 35 05 00	Printer SELF TEST inoperative.
31 35 06 00	Printer FAULT light illuminated.
31 35 07 00	Printer MSG light will not reset.
31 31 08 __	(01=Capt, 02=F/O, 03=Both) MCDU MENU key(s) inoperative.
31 31 09 __	(01=Capt, 02=F/O, 03=Both) AIDS/ACMS line select key(s) inoperative.
31 31 XA __	Report ACMS symptoms or patterns along with fault code.

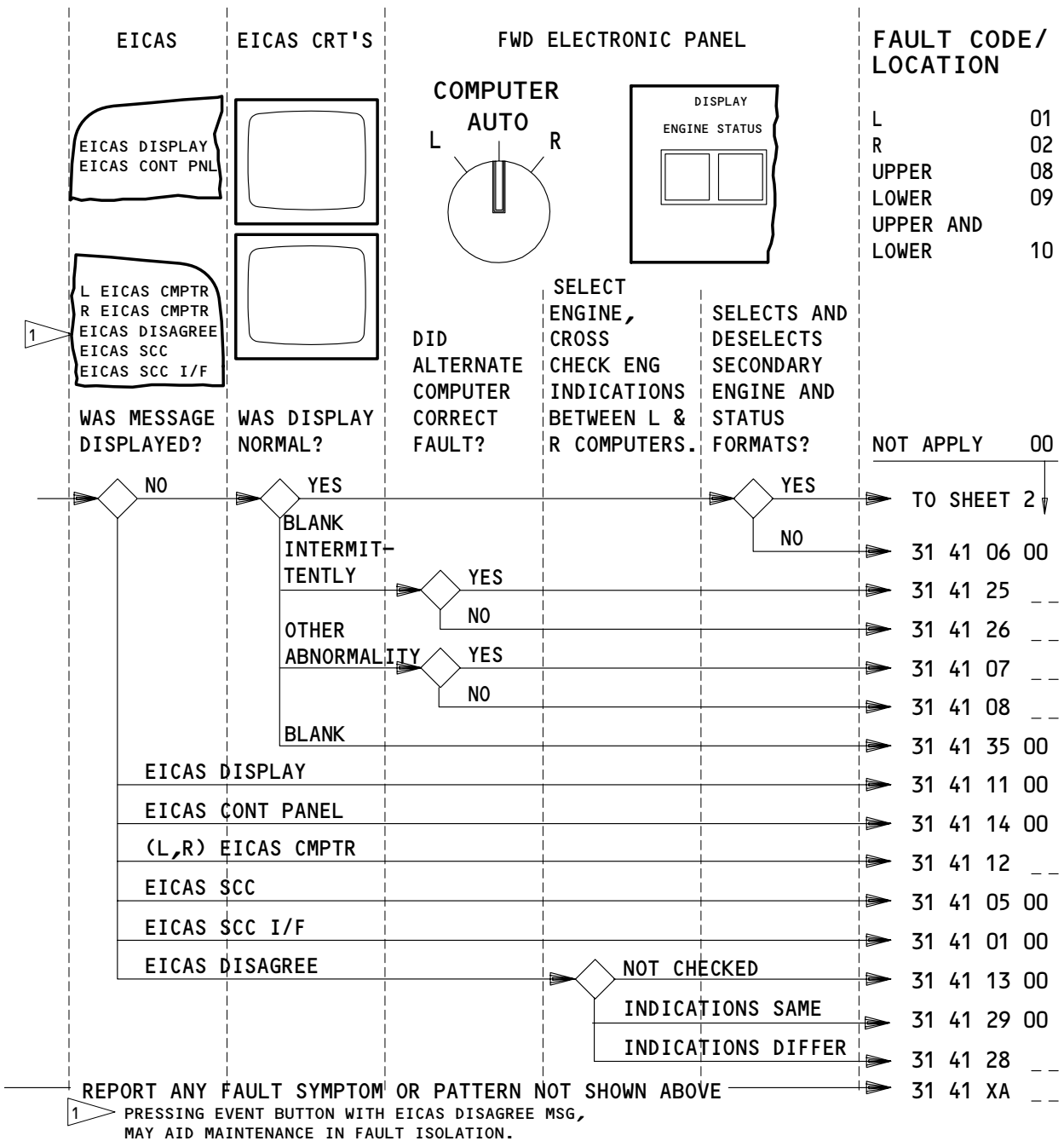
ACMS - LOG BOOK REPORTS

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY
AIRPLANES WITH MCDU

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11J2	EICAS CMPTR L	11J30	EICAS LOWER DSPL
11J3	EICAS UPPER DSPL	11J31	EICAS DSPL SW
11J29	EICAS CMPTR R	11J32	EICAS DSPL SELECT

EICAS (SHEET 1) - FAULT CODES

INDICATING/RECORDING SYSTEMS

EFFECTIVITY

ALL

06

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
31 41 06 00	EICAS (ENGINE, STATUS) select switch does not (select, deselect) (secondary engine, status) format.
31 41 25 __	(08=upper, 09=lower, 10=upper and lower) EICAS display goes blank intermittantly. Operation normal on alternate computer.
31 41 26 __	(08=upper, 09=lower, 10=upper and lower) EICAS display goes blank intermittantly. Fault remains on alternate computer.
31 41 07 __	(08=upper, 09=lower) EICAS display is (blank, out of focus, distorted, wrong color: describe fault). Operation normal on alternate computer.
31 41 08 __	(08=upper, 09=lower) EICAS display is (blank, out of focus, distorted, wrong color: describe fault). Fault remains on alternate computer.
31 41 35 00	EICAS displays are blank.
31 41 11 00	EICAS msg EICAS DISPLAY in view.
31 41 14 00	EICAS msg EICAS CONT PNL displayed.
31 41 12 __	EICAS msg (01=L, 02=R) EICAS CMPTR displayed.
31 41 05 00	EICAS msg EICAS SCC displayed.
31 41 01 00	EICAS msg EICAS SCC I/F displayed.
31 41 13 00	EICAS msg EICAS DISAGREE displayed. EICAS computers not checked.
31 41 29 00	EICAS msg EICAS DISAGREE displayed. Engine indications same on both computers.
31 41 28 __	EICAS msg EICAS DISAGREE displayed. (01=L, 02=R) EICAS computer engine indication not normal (describe).
31 41 XA __	Report EICAS symptoms or patterns along with fault code.

EICAS (SHEET 1) – LOG BOOK REPORTS

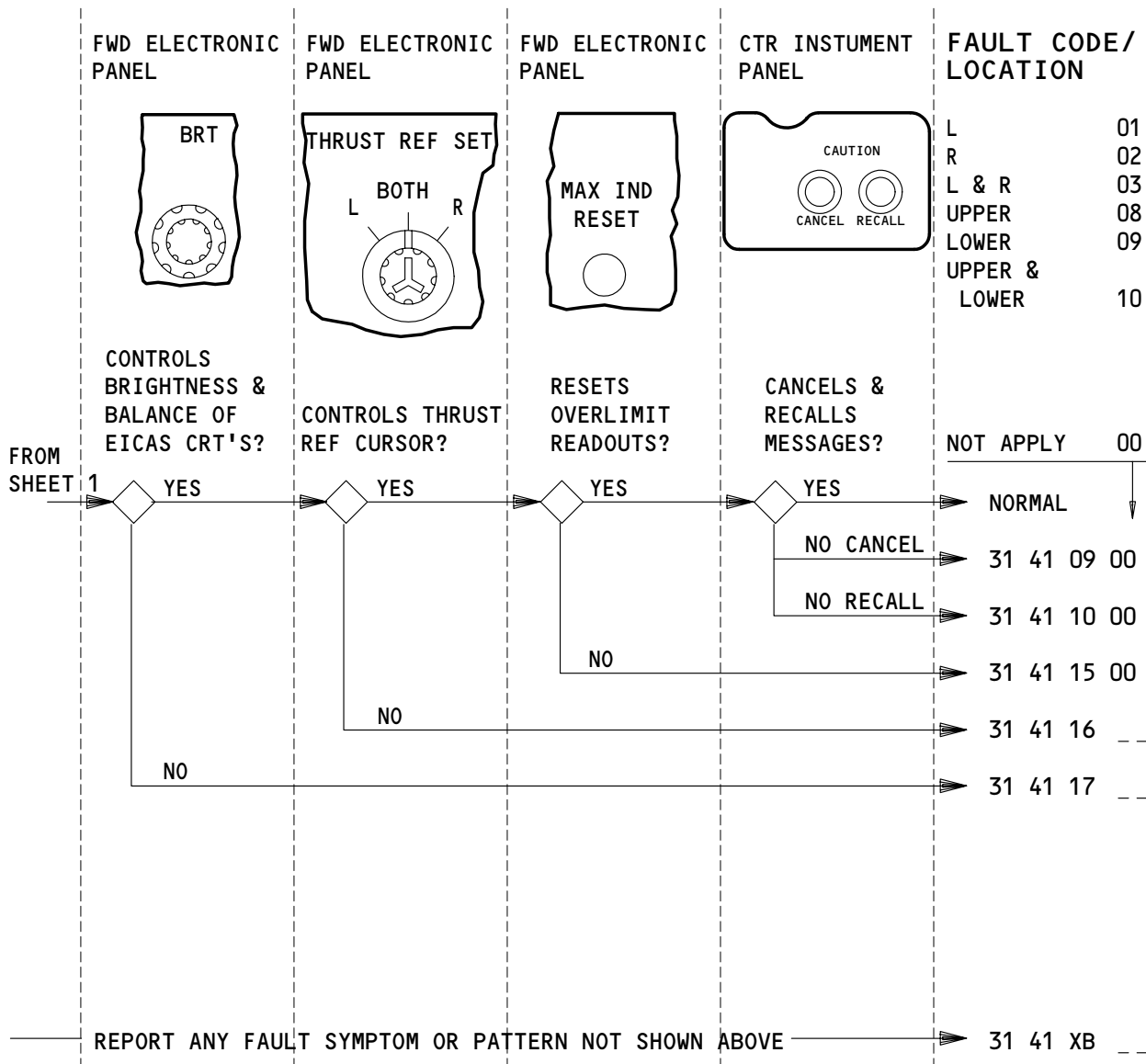
**INDICATING/RECORDING
 SYSTEMS**

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11J2	EICAS CMPTR L	11J30	EICAS LOWER DSPL
11J3	EICAS UPPER DSPL	11J31	EICAS DSPL SW
11J29	EICAS CMPTR R	11J32	EICAS DSPL SELECT

EICAS (SHEET 2) - FAULT CODES

INDICATING/RECORDING SYSTEMS

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
31 41 09 00	Cancel switch would not remove caution or advisory messages from view.
31 41 10 00	Recall switch would not redisplay cancelled caution or advisory messages.
31 41 15 00	Max ind reset switch would not reset overlimit readout.
31 41 16 __	Manual thrust set knob would not control (01=L, 02=R, 03=L & R) thrust reference cursor(s).
31 41 17 __	Display brightness knobs would not control (brightness, balance) of (08=upper, 09=lower, 10=upper & lower) EICAS CRT(s).
31 41 XB __	Report EICAS symptoms or patterns along with fault code.

EICAS (SHEET 2) - LOG BOOK REPORTS

**INDICATING/RECORDING
SYSTEMS**

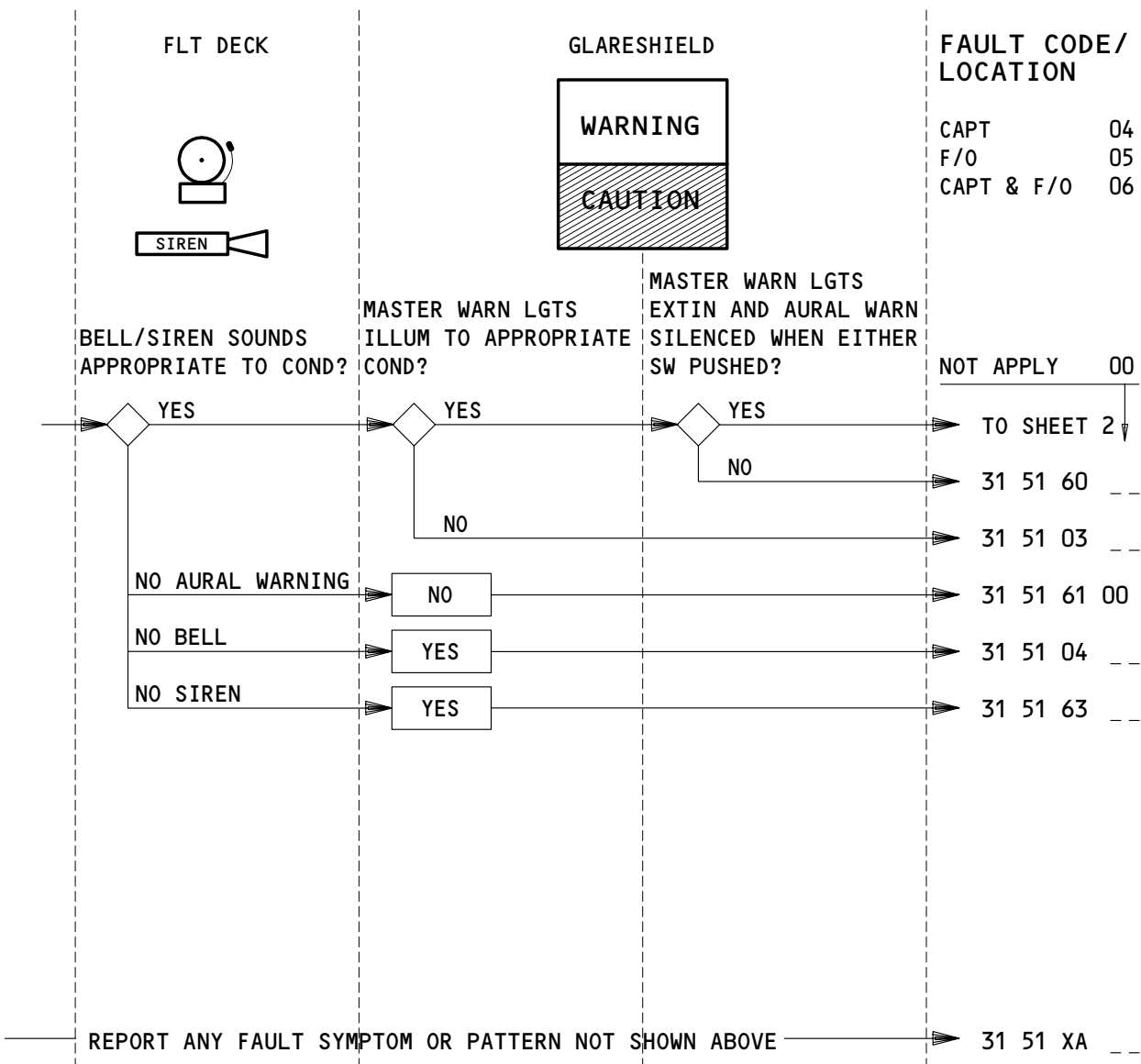
EFFECTIVITY

ALL

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BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

6J26	LIGHTING EQUIP BAT 1 PLT	11B18	WARN ELEX B
6J29	LIGHTING EQUIP BAT 2 PLT	11H35	AURAL WARN SPKR R
11A33	IND LIGHTS 1	11J34	WARN ELEX A
11A34	IND LIGHTS 2		
11B16	AURAL WARN SPKR L		

CAUTION & WARNING SYSTEM (WARNING) SHEET 1 - FAULT CODES

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

03

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
31 51 60 --	Master warning lgt aural warning did not cancel when (04=Capt, 05=F/0, 06=Capt & F/0) warning switch(es) reset.
31 51 03 --	Master warning light(s) (04=Capt, 05=F/0, 06=Capt & F/0) did not illum when warning condition existed. Aural warning sounded (State warning condition).
31 51 61 00	Master warning lgt and aural warning failed to operate during warning condition.
31 51 04 --	(04=Capt, 05=F/0, 06=Capt & F/0) bell(s) did not sound when fire condition existed. Master warning lgts illuminated normally. (State fire condition)
31 51 63 --	(04=Capt, 05=F/0, 06=Capt & F/0) siren(s) did not sound when fire condition existed. Master warning lgts illuminated normally. (State fire condition)
31 51 XA --	Report caution and warning system (warning) symptoms or patterns along with fault code.

CAUTION & WARNING SYSTEM (WARNING) SHEET 1 - LOG BOOK REPORTS

INDICATING/RECORDING

SYSTEMS

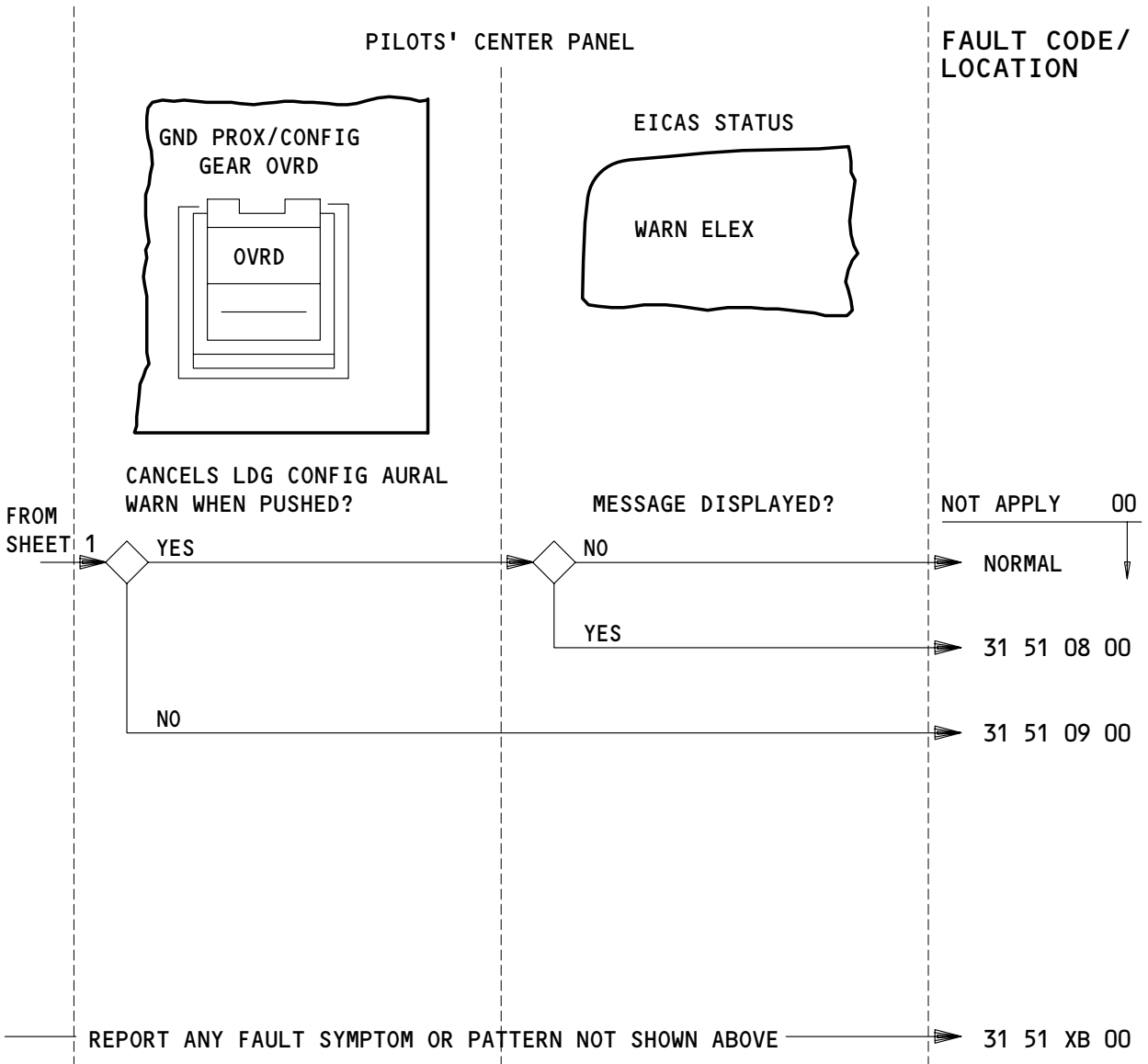
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EFFECTIVITY

ALL

03

BOEING 767
 FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

NONE

CAUTION & WARNING SYSTEM (WARNING) SHEET 2 - FAULT CODES

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

03

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21002

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 31 51 08 00 EICAS msg WARN ELEX displayed.
- 31 51 09 00 Ground proximity/configuration gear override sw does not cancel the landing configurations aural warning.
- 31 51 XB 00 Report caution and warning system (warning) symptoms or patterns along with fault code.

I CAUTION & WARNING SYSTEM (WARNING) SHEET 2 - LOG BOOK REPORTS

INDICATING/RECORDING

SYSTEMS

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EFFECTIVITY

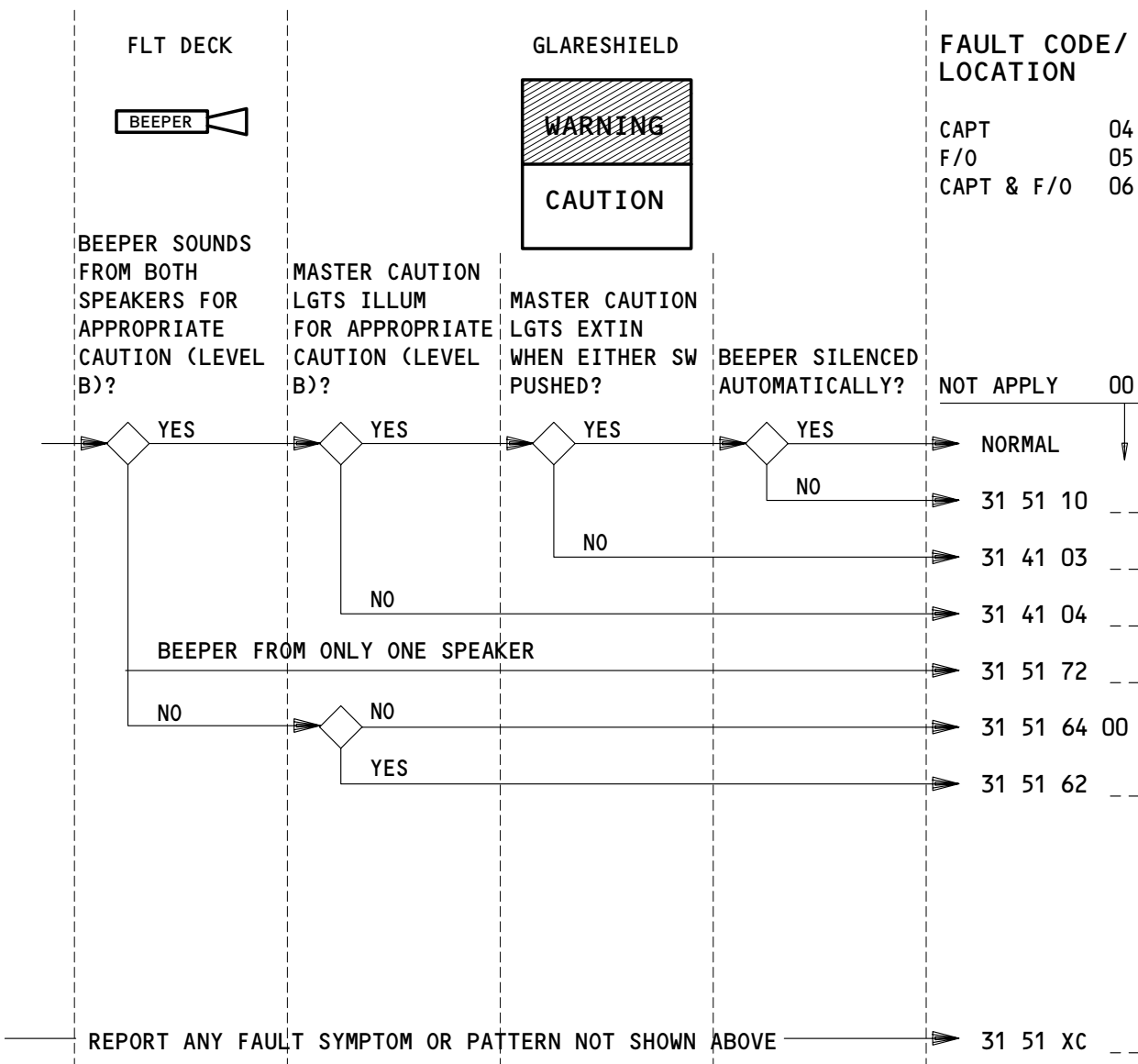
ALL

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21004

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11B16	AURAL WARN SPKR L	11J34	WARN ELEX A
11B18	WARN ELEX B	11R3	LEFT IND LTS 3
11H35	AURAL WARN SPKR R	11R30	RIGHT IND LTS 3

CAUTION & WARNING SYSTEM (CAUTION) – FAULT CODES

INDICATING/RECORDING SYSTEMS

EFFECTIVITY

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
31 51 10 __	(04=Capt, 05=F/0, 06=Capt & F/0) beeper(s) failed to automatically silence.
31 41 03 __	Master caution lgt did not cancel when (04=Capt, 05=F/0, 06=Capt, & F/0) caution switch(es) reset.
31 41 04 __	(04=Capt, 05=F/0, 06=Capt & F/0) Master caution light(s) did not illuminate when caution (level B) condition existed. Aural caution sounded. (State condition existing)
31 51 72 __	Beeper did not sound from (04=Capt, 05=F/0) speaker.
31 51 64 00	Master caution lgt and aural warning failed to operate during caution condition. (State condition).
31 51 62 __	(04=Capt, 05=F/0, 06=Capt & F/0) caution aural(s) did not sound during caution condition. Master caution lights illuminated normally. (State caution condition)
31 51 XC __	Report caution and warning system (caution) symptoms or patterns along with fault code.

CAUTION & WARNING SYSTEM (CAUTION) – LOG BOOK REPORTS

**INDICATING/RECORDING
 SYSTEMS**

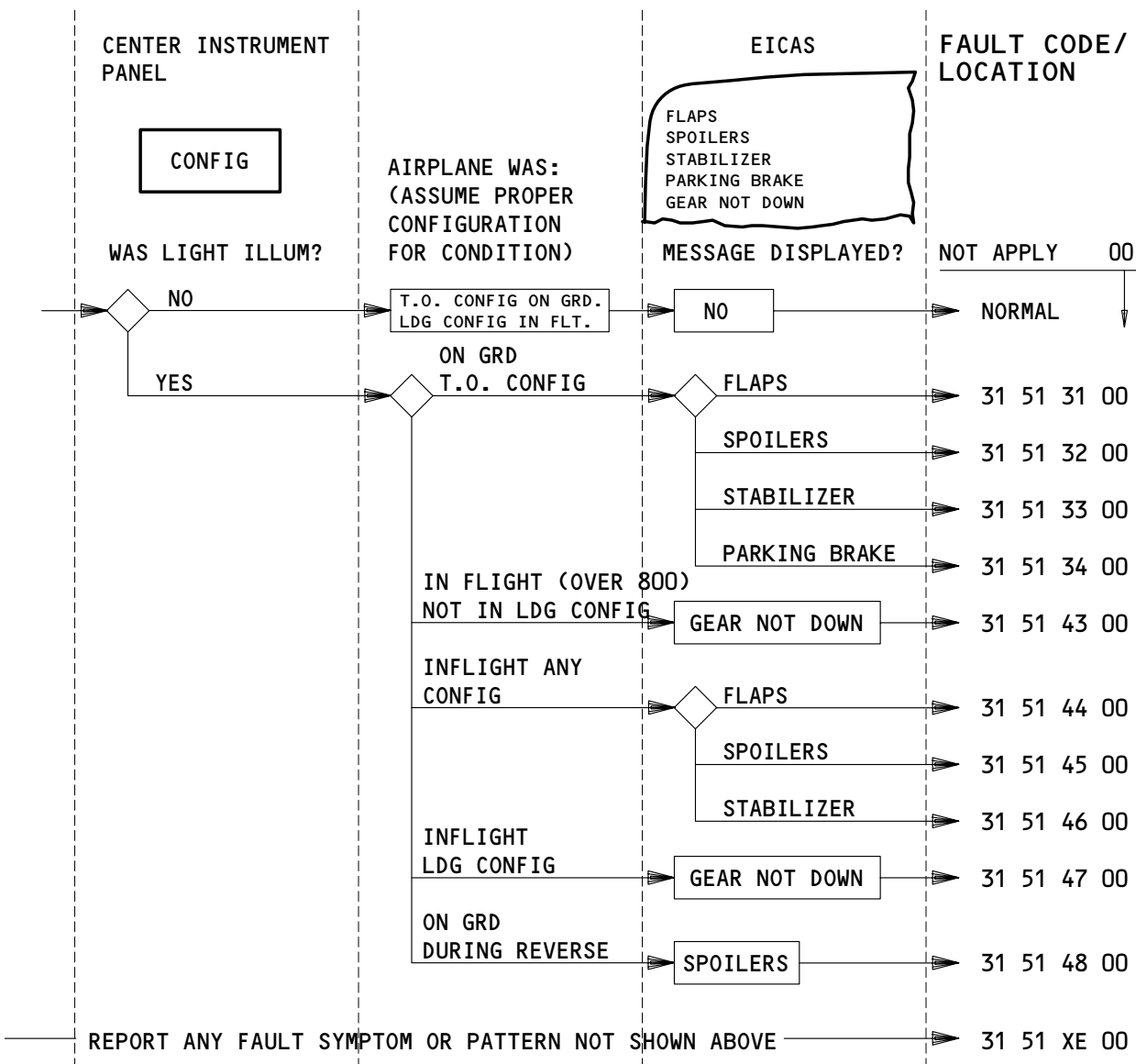
EFFECTIVITY

ALL

01

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A35 IND LIGHTS 3	11F5 LEFT RAD ALTM
11A35 IND LGTS 3	11F5 RAD ALTM L
11B16 AURAL WARN SPKR L	11H35 AURAL WARN SPKR R
11B18 WARN ELEX B	11J34 WARN ELEX A

TAKEOFF/LANDING CONFIGURATION WARNING – FAULT CODES

INDICATING/RECORDING SYSTEMS

EFFECTIVITY

ALL

01

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
31 51 31 00	CONFIG lgt illum. EICAS msg FLAPS displayed. Apl on grd. Flaps in T.O. range.
31 51 32 00	CONFIG lgt illum. EICAS msg SPOILERS displayed. Apl on grd. SPOILERS down.
31 51 33 00	CONFIG lgt illum. EICAS msg STABILIZER displayed. Apl on grd. Stabilizer in green band.
31 51 34 00	CONFIG lgt illum. EICAS msg PARKING BRAKE displayed. Apl on grd. Parking brake released.
31 51 43 00	CONFIG lgt illum. EICAS msg GEAR NOT DOWN displayed. Apl inflight above 800 ft. Not in ldg configuration.
31 51 44 00	CONFIG lgt illum. EICAS msg FLAPS displayed. Flaps in normal position for flight.
31 51 45 00	CONFIG lgt illum. EICAS msg SPOILERS displayed. Spoilers in normal position for flight.
31 51 46 00	CONFIG lgt illum. EICAS msg STABILIZER displayed. Stabilizer in normal position for flight.
31 51 47 00	CONFIG lgt illum. EICAS msg GEAR NOT DOWN displayed. Apl inflight with gear down for ldg.
31 51 48 00	CONFIG lgt illum. EICAS msg SPOILERS displayed. Apl on grd with reverse thrust applied.
31 51 XE 00	Report takeoff/landing configuration warning symptoms or patterns along with fault code.

TAKEOFF/LANDING CONFIGURATION WARNING – LOG BOOK REPORTS

**INDICATING/RECORDING
 SYSTEMS**

EFFECTIVITY

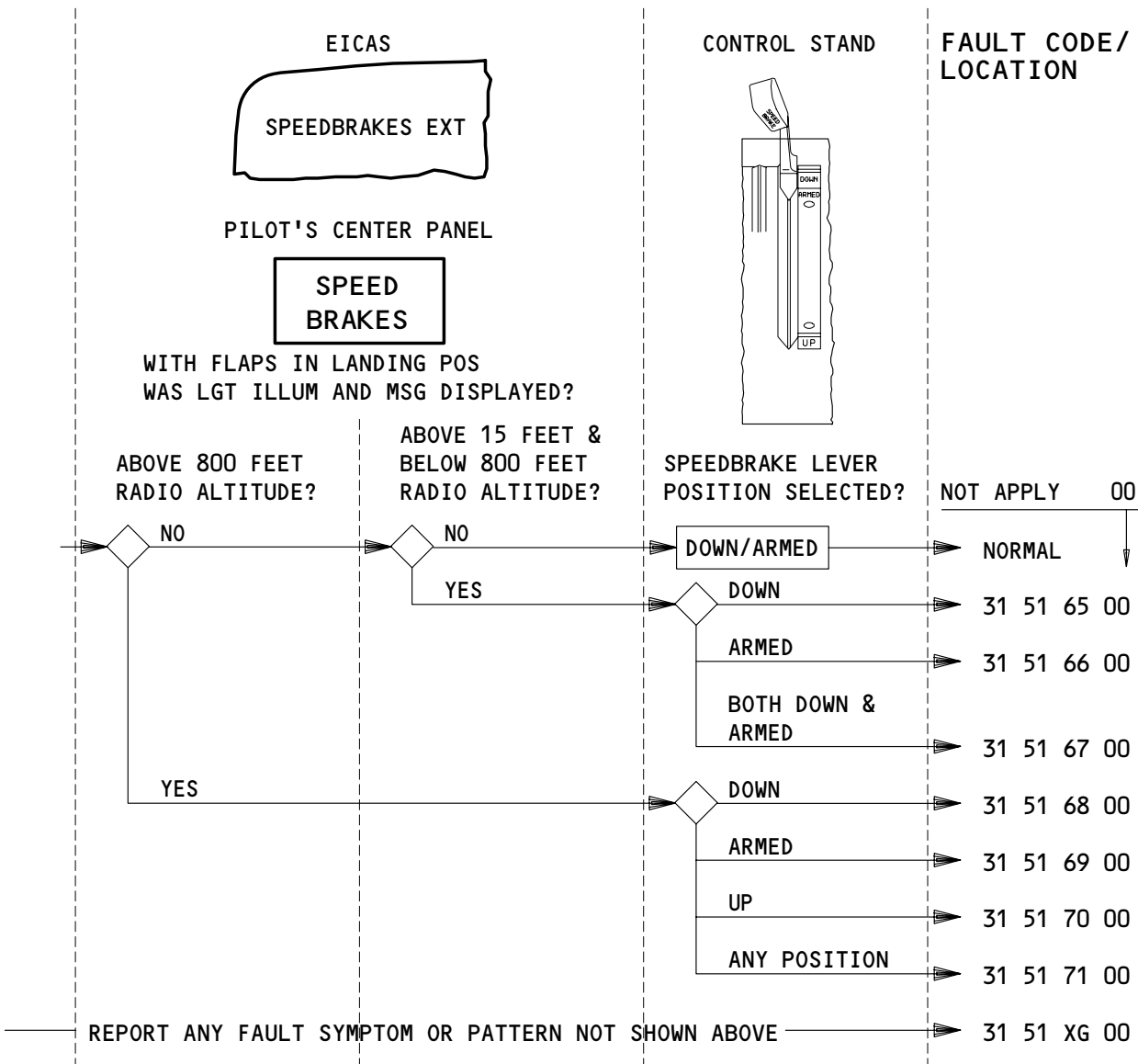
ALL

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A35	IND LIGHTS 3	11F5	LEFT RAD ALTM
11A35	IND LGTS 3	11F5	RAD ALTM L
11B16	AURAL WARN SPKR L	11H35	AURAL WARN SPKR R
11B18	WARN ELEX B	11J17	FLAP/STAB POS SENSING L
11C14	FLAP/STAB POS SENSING CTR	11J26	FLAP/STAB POS SENSING R
11C14	FLAP/STAB POS SENSING C	11J34	WARN ELEX A

SPEEDBRAKE LANDING CONFIGURATION WARNING – FAULT CODES

INDICATING/RECORDING SYSTEMS

EFFECTIVITY
ALL

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | | |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 31 51 65 00 | EICAS msg SPEEDBRAKES EXT displayed. SPEEDBRAKES lgt illum. Radio altitude was above 15 feet & below 800 feet with speedbrake lever in down pos. |
| 31 51 66 00 | EICAS msg SPEEDBRAKES EXT displayed. SPEEDBRAKES lgt illum. Radio altitude was above 15 feet & below 800 feet with speedbrake lever in armed pos. |
| 31 51 67 00 | EICAS msg SPEEDBRAKES EXT displayed. SPEEDBRAKES lgt illum. Radio altitude was above 15 feet & below 800 feet with speedbrake lever in either down or armed pos. |
| 31 51 68 00 | EICAS msg SPEEDBRAKES EXT displayed. SPEEDBRAKES lgt illum. Radio altitude was above 800 feet with speedbrake lever in down pos. |
| 31 51 69 00 | EICAS msg SPEEDBRAKES EXT displayed. SPEEDBRAKES lgt illum. Radio altitude was above 800 feet with speedbrake lever in armed pos. |
| 31 51 70 00 | EICAS msg SPEEDBRAKES EXT displayed. SPEEDBRAKES lgt illum. Radio altitude was above 800 feet with speedbrake lever in up pos. |
| 31 51 71 00 | EICAS msg SPEEDBRAKES EXT displayed. SPEEDBRAKES lgt illum. Radio altitude was above 800 feet with speedbrake lever in any pos. |
| 31 51 XG 00 | Report speedbrake landing configuration warning symptoms or patterns along with fault code. |

SPEEDBRAKE LANDING CONFIGURATION WARNING – LOG BOOK REPORTS

**INDICATING/RECORDING
 SYSTEMS**

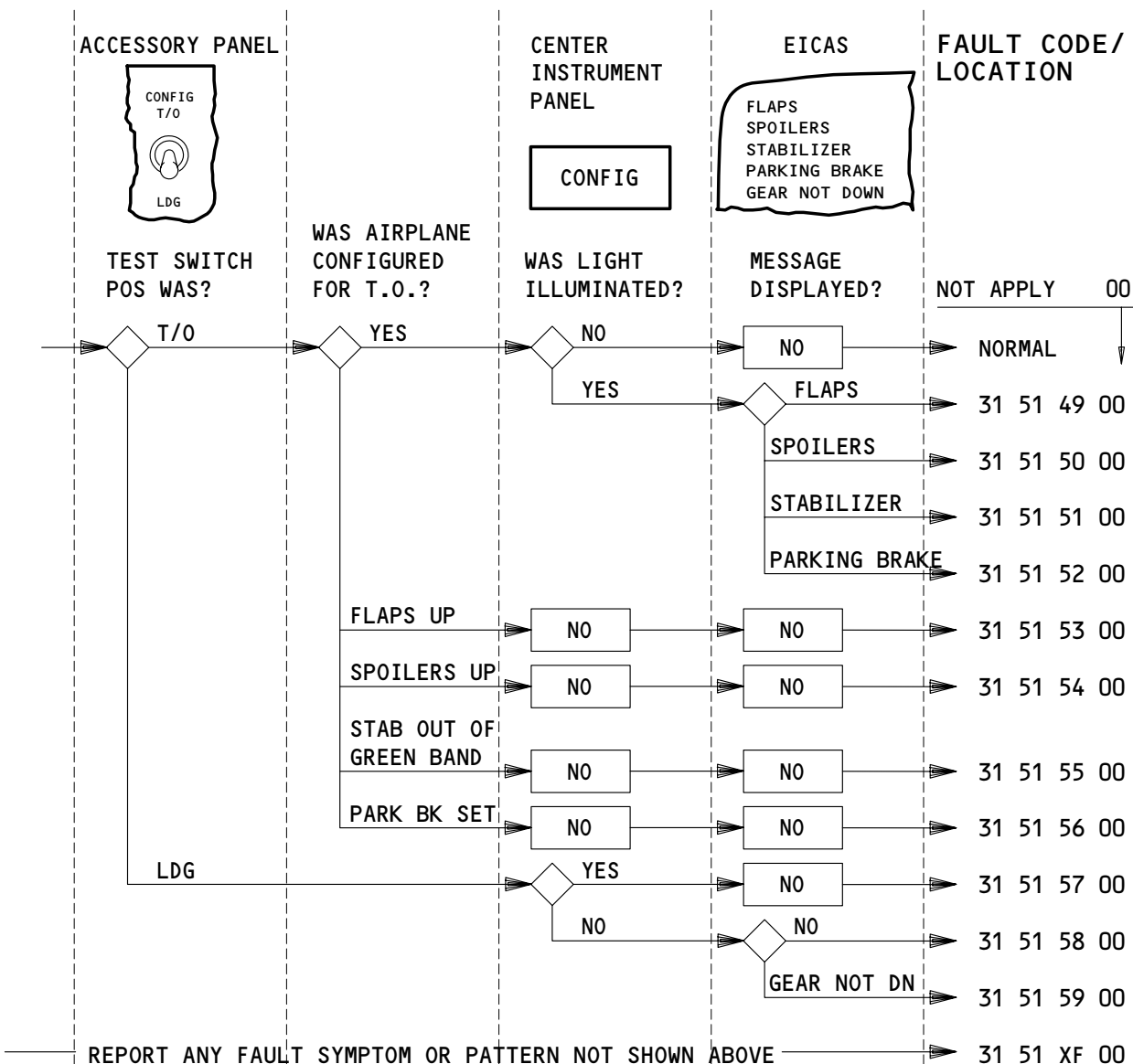
EFFECTIVITY

ALL

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A35	IND LIGHTS 3	11F5	LEFT RAD ALTM
11A35	IND LGTS 3	11F5	RAD ALTM L
11B16	AURAL WARN SPKR L	11H35	AURAL WARN SPKR R
11B18	WARN ELEX B	11J34	WARN ELEX A

TAKEOFF/LANDING CONFIGURATION TEST - FAULT CODES

INDICATING/RECORDING SYSTEMS

EFFECTIVITY

ALL

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 FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

31 51 49 00	Config test sw in T/O, CONFIG lgt illum. EICAS msg FLAPS displayed. Flaps were in T.O. range.
31 51 50 00	Config test sw in T/O, CONFIG lgt illum. EICAS msg SPOILERS displayed. Spoilers were down.
31 51 51 00	Config test sw in T/O, CONFIG lgt illum. EICAS msg STABILIZER displayed. Stabilizer in green band.
31 51 52 00	Config test sw in T/O, CONFIG lgt illum. EICAS msg PARKING BRAKE displayed. Parking brake was released.
31 51 53 00	Config test sw in T/O with flaps up. No CONFIG lgt or EICAS msg.
31 51 54 00	Config test sw in T/O with spoilers up. No CONFIG lgt or EICAS msg.
31 51 55 00	Config test sw in T/O with stabilizer out of the green band. No CONFIG lgt or EICAS msg.
31 51 56 00	Config test sw in T/O with parking brake set. No CONFIG lgt or EICAS msg.
31 51 57 00	Config test sw in LDG. CONFIG lgt illum. No EICAS msg.
31 51 58 00	Config test sw in LDG. No CONFIG lgt or EICAS msg.
31 51 59 00	Config test sw in LDG. No CONFIG lgt. EICAS msg GEAR NOT DOWN displayed.
31 51 XF 00	Report takeoff/landing configuration test symptoms or patterns along with fault code.

TAKEOFF/LANDING CONFIGURATION TEST – LOG BOOK REPORTS

**INDICATING/RECORDING
 SYSTEMS**

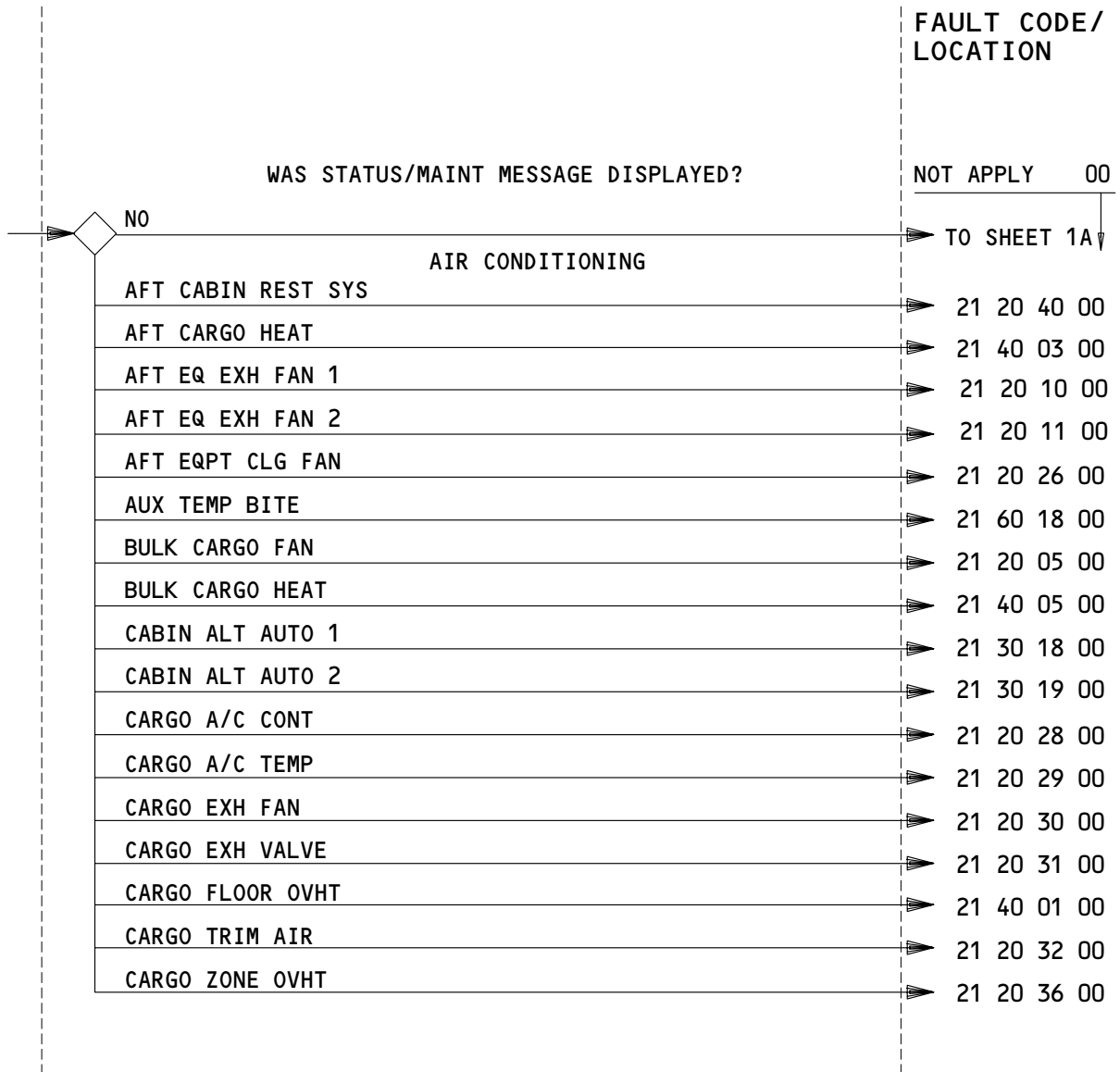
EFFECTIVITY

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BOEING 767
FAULT REPORTING MANUAL



EICAS STATUS/MAINT MESSAGES (SHEET 1) – FAULT CODES

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

AIR CONDITIONING

21 20 40 03 EICAS msg AFT CABIN REST SYS displayed.
21 40 03 00 EICAS msg AFT CARGO HEAT displayed.
21 20 10 00 EICAS msg AFT EQ EXH FAN 1 displayed.
21 20 11 00 EICAS msg AFT EQ EXH FAN 2 displayed.
21 20 26 00 EICAS msg AFT EQPT CLG FAN displayed.
21 60 18 00 EICAS msg AUX TEMP BITE displayed.
21 20 05 00 EICAS msg BULK CARGO FAN displayed.
21 40 05 00 EICAS msg BULK CARGO HEAT displayed.
21 30 18 00 EICAS msg CABIN ALT AUTO 1 displayed.
21 30 19 00 EICAS msg CABIN ALT AUTO 2 displayed.
21 20 28 00 EICAS msg CARGO A/C CONT displayed.
21 20 29 00 EICAS msg CARGO A/C TEMP displayed.
21 20 30 00 EICAS msg CARGO EXH FAN displayed.
21 20 31 00 EICAS msg CARGO EXH VALVE displayed.
21 40 01 00 EICAS msg CARGO FLOOR OVHT displayed.
21 20 32 00 EICAS msg CARGO TRIM AIR displayed.
21 20 36 00 EICAS msg CARGO ZONE OVHT displayed.

EICAS STATUS/MAINT MESSAGES (SHEET 1) – LOG BOOK REPORTS

INDICATING/RECORDING

SYSTEMS

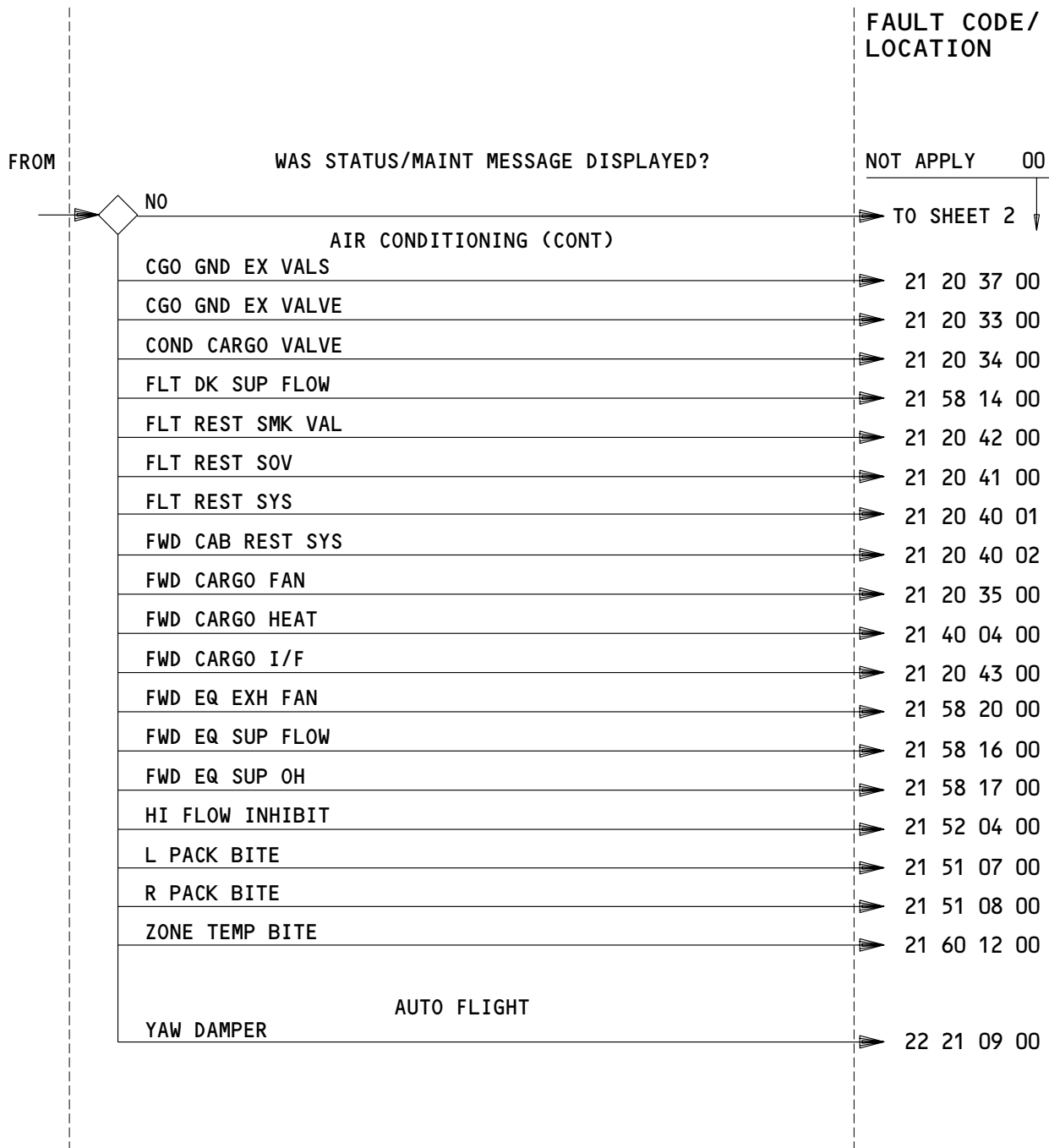
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EFFECTIVITY

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BOEING 767
FAULT REPORTING MANUAL



EICAS STATUS/MAINT MESSAGES (SHEET 1A) - FAULT CODES

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

AIR CONDITIONING (CONT)

21 20 37 00 EICAS msg CGO GND EX VALS displayed.
21 20 33 00 EICAS msg CGO GND EX VALVE displayed.
21 20 34 00 EICAS msg COND CARGO VALVE displayed.
21 58 14 00 EICAS msg FLT DK SUP FLOW displayed.
21 20 42 00 EICAS msg FLT REST SMK VAL displayed.
21 20 41 00 EICAS msg FLT REST SOV displayed.
21 20 40 01 EICAS msg FLT REST SYS displayed.
21 20 40 02 EICAS msg FWD CAB REST SYS displayed.
21 20 35 00 EICAS msg FWD CARGO FAN displayed.
21 40 04 00 EICAS msg FWD CARGO HEAT displayed.
21 20 43 00 EICAS msg FWD CARGO I/F displayed.
21 58 20 00 EICAS msg FWD EQ EXH FAN displayed.
21 58 16 00 EICAS msg FWD EQ SUP FLOW displayed.
21 58 17 00 EICAS msg FWD EQ SUP OH displayed.
21 52 04 00 EICAS msg HI FLOW INHIBIT displayed.
21 51 07 00 EICAS msg L PACK BITE displayed.
21 51 08 00 EICAS msg R PACK BITE displayed.
21 60 12 00 EICAS msg ZONE TEMP BITE displayed.

AUTO FLIGHT

22 21 09 00 EICAS msg YAW DAMPER displayed.

EICAS STATUS/MAINT MESSAGES (SHEET 1A) - LOG BOOK REPORTS

INDICATING/RECORDING

SYSTEMS

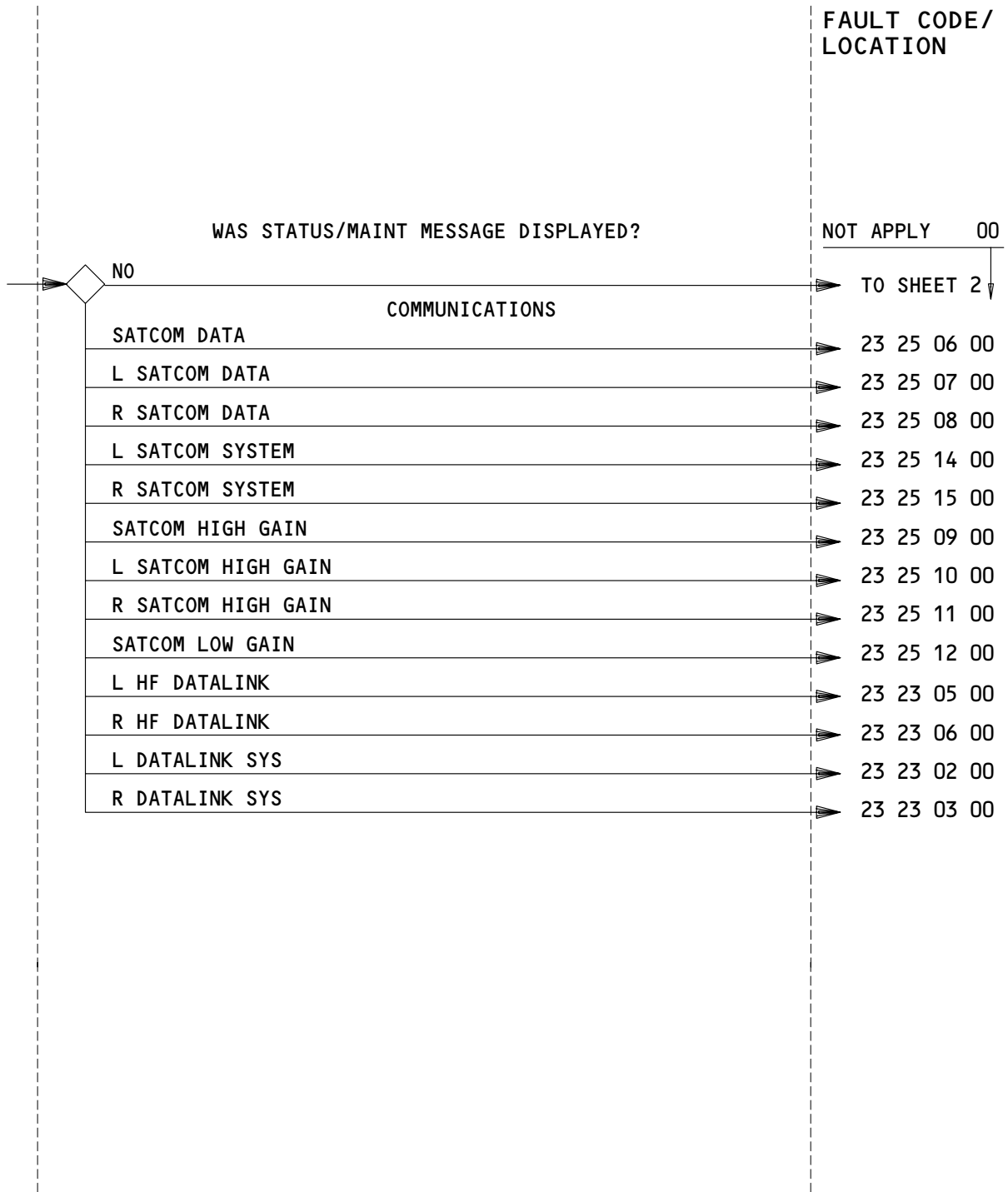
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EFFECTIVITY

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BOEING 767
FAULT REPORTING MANUAL



EICAS STATUS/MAINT MESSAGES (SHEET 1) – FAULT CODES

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

COMMUNICATIONS

23 25 06 00 EICAS msg SATCOM DATA displayed.
23 25 07 00 EICAS msg L SATCOM DATA displayed.
23 25 08 00 EICAS msg R SATCOM DATA displayed.
23 25 14 00 EICAS msg L SATCOM SYSTEM displayed.
23 25 15 00 EICAS msg R SATCOM SYSTEM displayed.
23 25 09 00 EICAS msg SATCOM HIGH GAIN displayed.
23 25 10 00 EICAS msg L SATCOM HIGH GAIN displayed.
23 25 11 00 EICAS msg R SATCOM HIGH GAIN displayed.
23 25 12 00 EICAS msg SATCOM LOW GAIN displayed.
23 23 05 00 EICAS msg L HF DATALINK displayed.
23 23 06 00 EICAS msg R HF DATALINK displayed.
23 23 02 00 EICAS msg L DATALINK SYS displayed.
23 23 03 00 EICAS msg R DATALINK SYS displayed.

EICAS STATUS/MAINT MESSAGES (SHEET 1B) - LOG BOOK REPORTS

INDICATING/RECORDING

SYSTEMS

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EFFECTIVITY

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BOEING 767
FAULT REPORTING MANUAL

FROM SHEET 1	WAS STATUS/MAINT MESSAGE DISPLAYED?	FAULT CODE/LOCATION		
		NOT APPLY	00	
1	NO	TO SHEET 3		
	- ELECTRICAL -			
	CAPT INSTR XFER	24	22	25 00
	F/O INSTR XFER	24	22	38 00
	HYD GEN ON	24	25	06 00
	HYD GEN VAL	24	25	07 00
	IDG OUT TEMP	24	11	45 00
	IDG RISE TEMP	24	11	13 00
	L IDG OIL LEVEL	24	11	47 00
	L IDG OIL TEMP	24	11	18 00
	L IDG TEMP SENS	24	11	16 00
	L IDG VALVE	24	11	14 00
	MAIN BAT CHGR	24	31	03 00
	R IDG OIL LEVEL	24	11	48 00
	R IDG OIL TEMP	24	11	19 00
	R IDG TEMP SENS	24	11	17 00
	R IDG VALVE	24	11	15 00
	STBY INVERTER	24	33	01 00
	T-R UNIT	24	32	01 00
	- FIRE PROTECTION -			
	AFT CARGO DET 1	26	16	11 00
	AFT CARGO DET 2	26	16	12 00
	AFT DET FAN	26	16	06 00
	APU FIRE LP 1	26	15	01 00
	APU FIRE LP 2	26	15	02 00
	CARGO DET AIR	26	16	03 00
	FWD CARGO DET 1	26	16	09 00
	FWD CARGO DET 2	26	16	10 00
	FWD DET FAN	26	16	07 00
	L ENG FIRE LP 1	26	11	18 00
	L ENG FIRE LP 2	26	11	20 00
	L ENG OH LP 1	26	11	22 00
	L ENG OH LP 2	26	11	24 00
	R ENG FIRE LP 1	26	11	19 00
	R ENG FIRE LP 2	26	11	21 00

EICAS STATUS/MAINT MESSAGES (SHEET 2) - FAULT CODES

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

ELECTRICAL

24 22 25 00 EICAS msg CAPT INSTR XFER displayed.
24 22 38 00 EICAS msg F/O INSTR XFER displayed.
24 25 06 00 EICAS msg HYD GEN ON displayed.
24 25 07 00 EICAS msg HYD GEN VAL displayed.
24 11 45 00 EICAS msg IDG OUT TEMP displayed.
24 11 13 00 EICAS msg IDG RISE TEMP displayed.
24 11 47 00 EICAS msg L IDG OIL LEVEL displayed.
24 11 18 00 EICAS msg L IDG OIL TEMP displayed.
24 11 16 00 EICAS msg L IDG TEMP SENS displayed.
24 11 14 00 EICAS msg L IDG VALVE displayed.
24 31 03 00 EICAS msg MAIN BAT CHGR displayed.
24 11 48 00 EICAS msg R IDG OIL LEVEL displayed.
24 11 19 00 EICAS msg R IDG OIL TEMP displayed.
24 11 17 00 EICAS msg R IDG TEMP SENS displayed.
24 11 15 00 EICAS msg R IDG VALVE displayed.
24 33 01 00 EICAS msg STBY INVERTER displayed.
24 32 01 00 EICAS msg T-R UNIT displayed.

FIRE PROTECTION

26 16 11 00 EICAS msg AFT CARGO DET 1 displayed.
26 16 12 00 EICAS msg AFT CARGO DET 2 displayed.
26 16 06 00 EICAS msg AFT DET FAN displayed.
26 15 01 00 EICAS msg APU FIRE LP 1 displayed.
26 15 02 00 EICAS msg APU FIRE LP 2 displayed.
26 16 03 00 EICAS msg CARGO DET AIR displayed.
26 16 09 00 EICAS msg FWD CARGO DET 1 displayed.
26 16 10 00 EICAS msg FWD CARGO DET 2 displayed.
26 16 07 00 EICAS msg FWD DET FAN displayed.
26 11 18 00 EICAS msg L ENG FIRE LP 1 displayed.
26 11 20 00 EICAS msg L ENG FIRE LP 2 displayed.
26 11 22 00 EICAS msg L ENG OH LP 1 displayed.
26 11 24 00 EICAS msg L ENG OH LP 2 displayed.
26 11 19 00 EICAS msg R ENG FIRE LP 1 displayed.
26 11 21 00 EICAS msg R ENG FIRE LP 2 displayed.

EICAS STATUS/MAINT MESSAGES (SHEET 2) – LOG BOOK REPORTS

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

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BOEING 767
FAULT REPORTING MANUAL

		WAS STATUS/MAINT MESSAGE DISPLAYED?	FAULT CODE/ LOCATION
FROM SHEET 2	NO	NOT APPLY	00
			TO SHEET 4
		- FIRE PROTECTION (CONT) -	
		R ENG OH LP 1	26 11 23 00
		R ENG OH LP 2	26 11 25 00
		- FLIGHT CONTROLS -	
		ELEV FEEL	27 31 06 00
		FLAP/SLAT ELEC	27 51 12 00
		LE SLAT SHUTDOWN	27 81 17 00
		L FLT CONT ELEC	27 09 01 00
		R FLT CONT ELEC	27 09 02 00
		RUDDER RATIO	27 09 03 00
		SPOILERS	27 09 04 00
		STAB TRIM	27 09 05 00
		TE FLAP SHUTDOWN	27 51 14 00
		- FUEL -	
		APU ISLN VAL	28 25 05 00
		DC FUEL PUMP ON	28 25 04 00
		FUEL QTY BITE	28 41 05 00
		- HYDRAULICS -	
		C HYD QTY 0/FULL	29 33 08 00
		C HYD SYS MAINT	29 11 61 00
		L HYD QTY 0/FULL	29 33 09 00
		L HYD SYS MAINT	29 11 62 00
		R HYD QTY 0/FULL	29 33 10 00
		R HYD SYS MAINT	29 11 63 00
		- ICE AND RAIN PROTECTION -	
		CAPT PITOT HEAT	30 31 10 00
		F/O PITOT HEAT	30 31 11 00

EICAS STATUS/MAINT MESSAGES (SHEET 3) - FAULT CODES

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

04

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

FIRE PROTECTION (CONT)

26 11 23 00 EICAS msg R ENG OH LP 1 displayed.
26 11 25 00 EICAS msg R ENG OH LP 2 displayed.

FLIGHT CONTROLS

27 31 06 00 EICAS msg ELEV FEEL displayed.
27 51 12 00 EICAS msg FLAP/SLAT ELEC displayed.
27 81 17 00 EICAS msg LE SLAT SHUTDOWN displayed.
27 09 01 00 EICAS msg L FLT CONT ELEC displayed.
27 09 02 00 EICAS msg R FLT CONT ELEC displayed.
27 09 03 00 EICAS msg RUDDER RATIO displayed.
27 09 04 00 EICAS msg SPOILERS displayed.
27 09 05 00 EICAS msg STAB TRIM displayed.
27 51 14 00 EICAS msg TE FLAP SHUTDOWN displayed.

FUEL

28 25 05 00 EICAS msg APU ISLN VAL displayed.
28 25 04 00 EICAS msg DC FUEL PUMP ON displayed.
28 41 05 00 EICAS msg FUEL QTY BITE displayed.

HYDRAULICS

29 33 08 00 EICAS msg C HYD QTY 0/FULL displayed.
29 11 61 00 EICAS msg C HYD SYS MAINT displayed.
29 33 09 00 EICAS msg L HYD QTY 0/FULL displayed.
29 11 62 00 EICAS msg L HYD SYS MAINT displayed.
29 33 10 00 EICAS msg R HYD QTY 0/FULL displayed.
29 11 63 00 EICAS msg R HYD SYS MAINT displayed.

ICE AND RAIN PROTECTION

30 31 10 00 EICAS msg CAPT PITOT HEAT displayed.
30 31 11 00 EICAS msg F/O PITOT HEAT displayed.

EICAS STATUS/MAINT MESSAGES (SHEET 3) – LOG BOOK REPORTS

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

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BOEING 767
FAULT REPORTING MANUAL

		WAS STATUS/MAINT MESSAGE DISPLAYED?	FAULT CODE/ LOCATION
FROM SHEET 3	NO		NOT APPLY 00
			TO SHEET 5 ↓
		- ICE AND RAIN PROTECTION (CONT) -	
		L AUX PITOT HEAT	30 31 12 00
		L COWL DUCT LEAK	30 21 10 00
		L ENG TAI VALVE	30 21 04 00
		L WING TAI VALVE	30 11 05 00
		R AUX PITOT HEAT	30 31 13 00
		R COWL DUCT LEAK	30 21 11 00
		R ENG TAI VALVE	30 21 05 00
		R WING TAI VALVE	30 11 06 00
		- INDICATING AND RECORDING -	
		EICAS BITE	31 41 18 00
		EICAS SCC	31 41 05 00
		EICAS SCC I/F	31 41 01 00
		FLT DATA ACQ	31 31 36 00
		FLT DATA REC	31 31 37 00
		WARN ELEX	31 51 08 00
		- LANDING GEAR -	
		AIR/GRD DISAGREE	32 09 02 00
		ALL GEAR DOWN	32 61 36 00
		ALTN ANTISKID	32 42 21 00
		ANTISKID/AUTO BRK	32 42 19 00
		GEAR DOORS	32 61 37 00
		GEAR DISAGREE	32 61 38 00
		L DRAG BRACE	32 61 39 00
		L SIDE BRACE	32 61 40 00

EICAS STATUS/MAINT MESSAGES (SHEET 4) - FAULT CODES

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

ICE AND RAIN PROTECTION (CONT)

30 31 12 00 EICAS msg L AUX PITOT HEAT displayed.
30 21 10 00 EICAS msg L COWL DUCT LEAK displayed.
30 21 04 00 EICAS msg L ENG TAI VALVE displayed.
30 11 05 00 EICAS msg L WING TAI VALVE displayed.
30 31 13 00 EICAS msg R AUX PITOT HEAT displayed.
30 21 11 00 EICAS msg R COWL DUCT LEAK displayed.
30 21 05 00 EICAS msg R ENG TAI VALVE displayed.
30 11 06 00 EICAS msg R WING TAI VALVE displayed.

INDICATING AND RECORDING

31 41 18 00 EICAS msg EICAS BITE displayed.
31 41 05 00 EICAS msg EICAS SCC displayed.
31 41 01 00 EICAS msg EICAS SCC I/F displayed.
31 31 36 00 EICAS msg FLT DATA ACQ displayed.
31 31 37 00 EICAS msg FLT DATA REC displayed.
31 51 08 00 EICAS msg WARN ELEX displayed.

LANDING GEAR

32 09 02 00 EICAS msg AIR/GRD DISAGREE displayed.
32 61 36 00 EICAS msg ALL GEAR DOWN displayed.
32 42 21 00 EICAS msg ALTN ANTISKID displayed.
32 42 19 00 EICAS msg ANTISKID/AUTO BRK displayed.
32 61 37 00 EICAS msg GEAR DOORS displayed.
32 61 38 00 EICAS msg GEAR DISAGREE displayed.
32 61 39 00 EICAS msg L DRAG BRACE displayed.
32 61 40 00 EICAS msg L SIDE BRACE displayed.

EICAS STATUS/MAINT MESSAGES (SHEET 4) - LOG BOOK REPORTS

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

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BOEING 767
FAULT REPORTING MANUAL

FROM SHEET	4	NO	WAS STATUS/MAINT MESSAGE DISPLAYED?	FAULT CODE/LOCATION	
				NOT APPLY	00
			- LANDING GEAR (CONT) -	TO SHEET 6	↓
			NORM ANTISKID	32 42 20	00
			NOSE A/G DISAGREE	32 09 04	00
			NOSE GEAR DOWN	32 61 41	00
			NOSE GEAR LOCKED	32 61 42	00
			R DRAG BRACE	32 61 43	00
			R SIDE BRACE	32 61 44	00
			- NAVIGATION -		
			COMPARATOR BITE	34 25 01	00
			GRD PROX BITE	34 46 37	00
			- WATER & WASTE -		
			AFT WASTE SNSR	34 46 20	00
			FWD WASTE SNSR	38 30 44	00
			- APU -		
			APU BITE	49 11 28	00
			APU DOOR	49 11 29	00
			APU OIL QTY	49 11 30	00
			- PW4000 POWER PLANT -		
			ENG VIB BITE	77 03 01	00
			IDLE DISAGREE	73 03 02	00
			IGN 1 STBY BUS	74 03 01	00
			IGN 2 STBY BUS	74 03 02	00
			L ENG EEC C1	73 03 04	00
			L ENG EEC C2	73 03 05	00
			L ENG A/O VALVE	79 03 03	00
			L ENG CONTROL	73 03 03	00
			L ENG EEC MODE	73 03 08	00
			L ENG FUEL FILT	73 03 09	00

EICAS STATUS/MAINT MESSAGES (SHEET 5) - FAULT CODES

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

LANDING GEAR (CONT)

32 42 20 00 EICAS msg NORM ANTISKID displayed.
32 09 04 00 EICAS msg NOSE A/G DISAGREE displayed.
32 61 41 00 EICAS msg NOSE GEAR DOWN displayed.
32 61 42 00 EICAS msg NOSE GEAR LOCKED displayed.
32 61 43 00 EICAS msg R DRAG BRACE displayed.
32 61 44 00 EICAS msg R SIDE BRACE displayed.

NAVIGATION

34 25 01 00 EICAS msg COMPARATOR BITE displayed.
34 46 37 00 EICAS msg GRD PROX BITE displayed.

WATER & WASTE

38 30 44 00 EICAS msg AFT WASTE SNSR displayed.
38 30 45 00 EICAS msg FWD WASTE SNSR displayed.

APU

49 11 28 00 EICAS msg APU BITE displayed.
49 11 29 00 EICAS msg APU DOOR displayed.
49 11 30 00 EICAS msg APU OIL QTY displayed.

PW4000 POWER PLANT

77 03 01 00 EICAS msg ENG VIB BITE displayed.
73 03 02 00 EICAS msg IDLE DISAGREE displayed.
74 03 01 00 EICAS msg IGN 1 STBY BUS displayed.
74 03 02 00 EICAS msg IGN 2 STBY BUS displayed.
73 03 04 00 EICAS msg L ENG EEC C1 displayed.
73 03 05 00 EICAS msg L ENG EEC C2 displayed.
79 03 03 00 EICAS msg L ENG A/O VALVE displayed.
73 03 03 00 EICAS msg L ENG CONTROL displayed.
73 03 08 00 EICAS msg L ENG EEC MODE displayed.
73 03 09 00 EICAS msg L ENG FUEL FILT displayed.

EICAS STATUS/MAINT MESSAGES (SHEET 5) – LOG BOOK REPORTS

INDICATING/RECORDING
SYSTEMS

EFFECTIVITY

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BOEING 767
FAULT REPORTING MANUAL

FROM SHEET	5	NO	WAS STATUS/MAINT MESSAGE DISPLAYED?	FAULT CODE/ LOCATION
				NOT APPLY 00
			- PW4000 POWER PLANT (CONT) -	NORMAL
			L ENG LOW IDLE	73 03 11 00
			L ENG SPEED CARD	77 03 03 00
			L ENG START EGT	71 04 49 00
			L NAC VENT VAL	75 03 01 00
			L PIMU	77 03 02 00
			L REV ISLN VAL	78 03 02 00
			L REV INTERLOCK	78 02 29 00
			R ENG EEC C1	73 03 14 00
			R ENG EEC C2	73 03 15 00
			R ENG A/O VALVE	79 03 06 00
			R ENG CONTROL	73 03 13 00
			R ENG EEC MODE	73 03 18 00
			R ENG FUEL FILT	73 03 19 00
			R ENG LOW IDLE	73 03 21 00
			R ENG SPEED CARD	77 03 05 00
			R ENG START EGT	71 04 50 00
			R NAC VENT VAL	75 03 02 00
			R PIMU	77 03 04 00
			R REV ISLN VAL	78 03 03 00
			R REV INTERLOCK	78 02 30 00
			REPORT ANY EICAS STATUS/MAINT MESSAGES NOT SHOWN ABOVE	31 41 XJ 00

EICAS STATUS/MAINT MESSAGES (SHEET 6) - FAULT CODES

**INDICATING/RECORDING
SYSTEMS**

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

PW4000 POWER PLANT (CONT'D)

73 03 11 00 EICAS msg L ENG LOW IDLE displayed.
77 03 03 00 EICAS msg L ENG SPEED CARD displayed.
71 04 49 00 EICAS msg L ENG START EGT displayed.
75 03 01 00 EICAS msg L NAC VENT VAL displayed.
77 03 02 00 EICAS msg L PIMU displayed.
78 03 02 00 EICAS msg L REV ISLN VAL displayed.
78 02 29 00 EICAS msg L REV INTERLOCK displayed.
73 03 14 00 EICAS msg R ENG EEC C1 displayed.
73 03 15 00 EICAS msg R ENG EEC C2 displayed.
79 03 06 00 EICAS msg R ENG A/O VALVE displayed.
73 03 13 00 EICAS msg R ENG CONTROL displayed.
73 03 18 00 EICAS msg R ENG EEC MODE displayed.
73 03 19 00 EICAS msg R ENG FUEL FILT displayed.
73 03 21 00 EICAS msg R ENG LOW IDLE displayed.
77 03 05 00 EICAS msg R ENG SPEED CARD displayed.
71 04 50 00 EICAS msg R ENG START EGT displayed.
75 03 02 00 EICAS msg R NAC VENT VAL displayed.
77 03 04 00 EICAS msg R PIMU displayed.
78 03 03 00 EICAS msg R REV ISLN VAL displayed.
78 02 30 00 EICAS msg R REV INTERLOCK displayed.

31 41 XJ 00 Report any other EICAS status/maint messages along with fault code.

EICAS STATUS/MAINT MESSAGES (SHEET 6) - LOG BOOK REPORTS

INDICATING/RECORDING

SYSTEMS

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EFFECTIVITY

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FAULT REPORTING MANUAL

LANDING GEAR

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AUTOBRAKES.....	14
BRAKE SOURCE	18
(L, R) DRAG BRACE.....	8
GEAR DISAGREE.....	8 & 10
GEAR DOORS.....	8 & 10
GEAR NOT DOWN.....	INDICATING/RECORDING SYSTEMS
LDG GEAR MONITOR.....	8 & 10
NOSE A/G DISAGREE.....	4
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PARKING BRAKE.....	16
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(L, R) SIDE BRACE.....	8
TAILSKID	24
TIRE PRESSURE.....	26

EICAS MESSAGES

EFFECTIVITY

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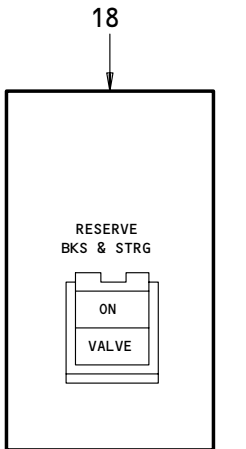
LANDING GEAR

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FAULT REPORTING MANUAL

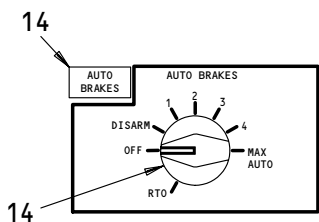
CONFIG → SEE INDICATING/RECORDING SYSTEMS



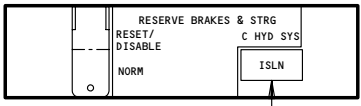
18 →
BRAKE SOURCE
CAPT'S PANEL



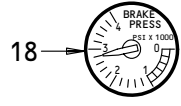
OVERHEAD PANEL



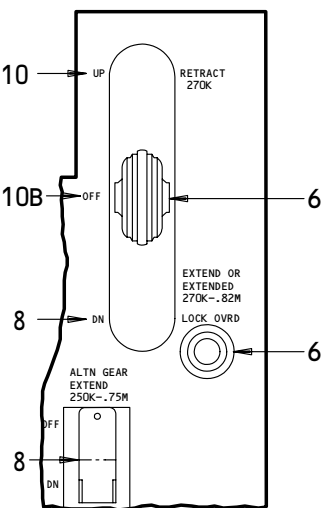
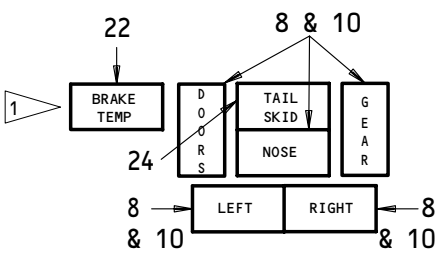
PILOTS' CENTER PANEL



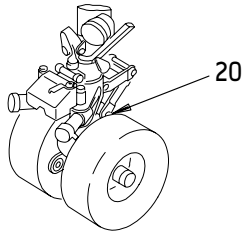
ACCESSORY PANEL 18



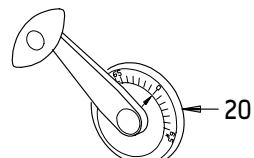
F/O'S PANEL



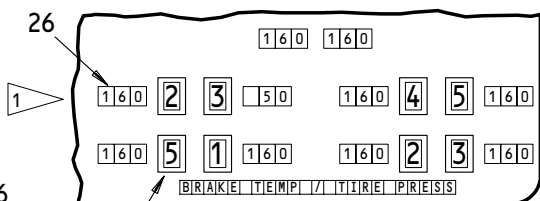
PILOTS' CENTER PANEL



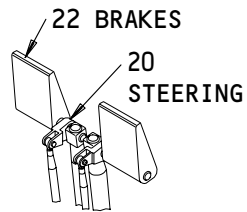
CAPTAIN'S/FO'S SIDEWALL



CONTROL STAND



EICAS STATUS



RUDDER PEDALS

1 AS INSTALLED

CONTENTS

EFFECTIVITY
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FAULT REPORTING MANUAL

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EFFECTIVITY

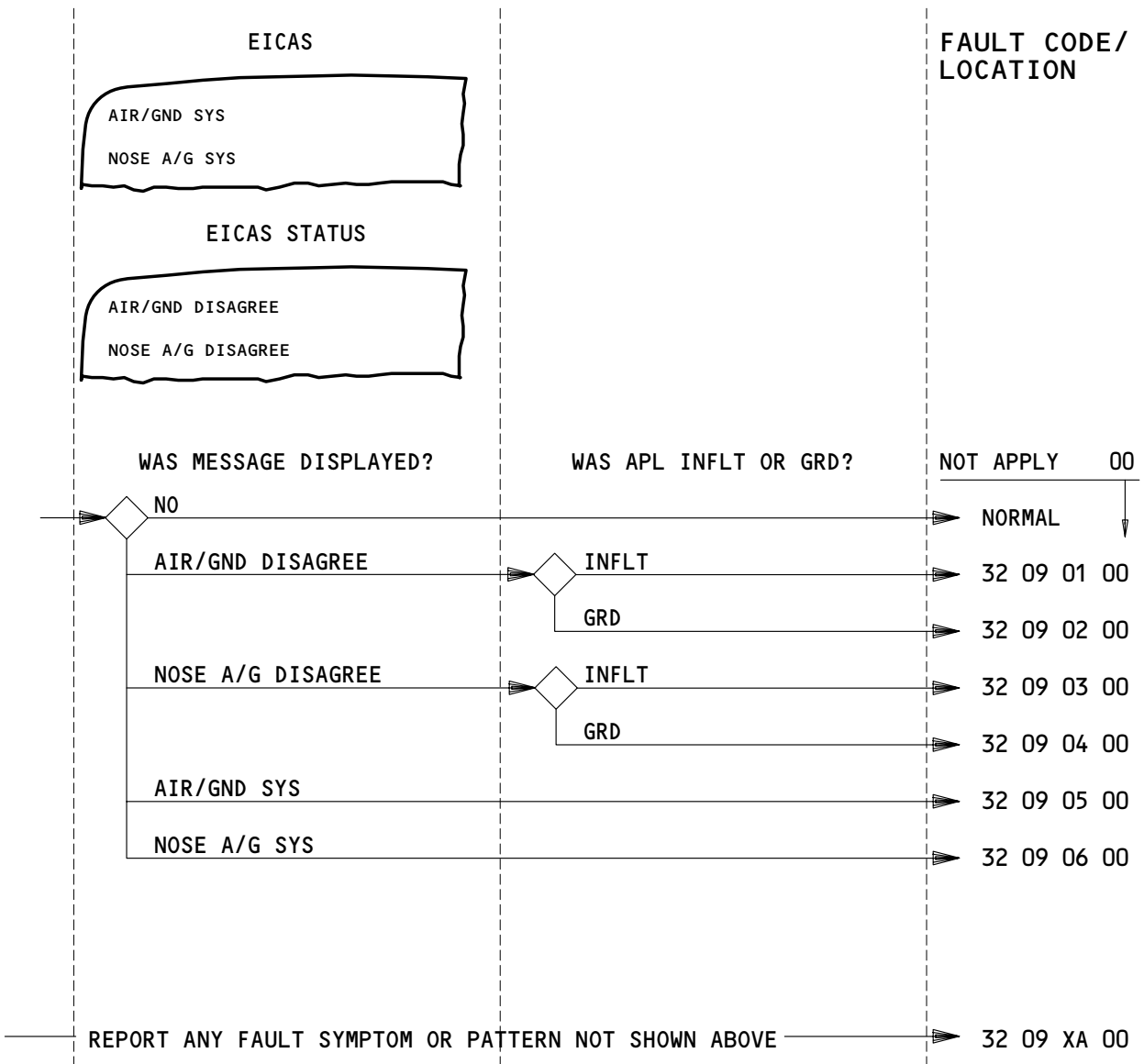
ALL

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LANDING GEAR

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C30	POSITION AIR/GND SYS 1
11T36	TEST PROX SW
11T36	PROX SW TEST
11U15	AIR/GND SYS 1
11U23	POSITION AIR/GND SYS 2
11U24	POSITION AIR/GND SYS 2

AIR/GROUND RELAY – FAULT CODES

EFFECTIVITY

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LANDING GEAR

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
32 09 01 00	EICAS msg AIR/GND DISAGREE displayed inflt.
32 09 02 00	EICAS msg AIR/GND DISAGREE displayed on gnd.
32 09 03 00	EICAS msg NOSE A/G DISAGREE displayed inflt.
32 09 04 00	EICAS msg NOSE A/G DISAGREE displayed on gnd.
32 09 05 00	EICAS msg AIR/GND SYS displayed.
32 09 06 00	EICAS msg NOSE A/G SYS displayed.
32 09 XA 00	Report air/ground relay symptoms or patterns along with fault code.

AIR/GROUND RELAY – LOG BOOK REPORTS

EFFECTIVITY

ALL

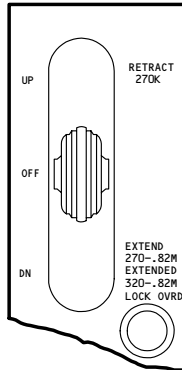
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LANDING GEAR

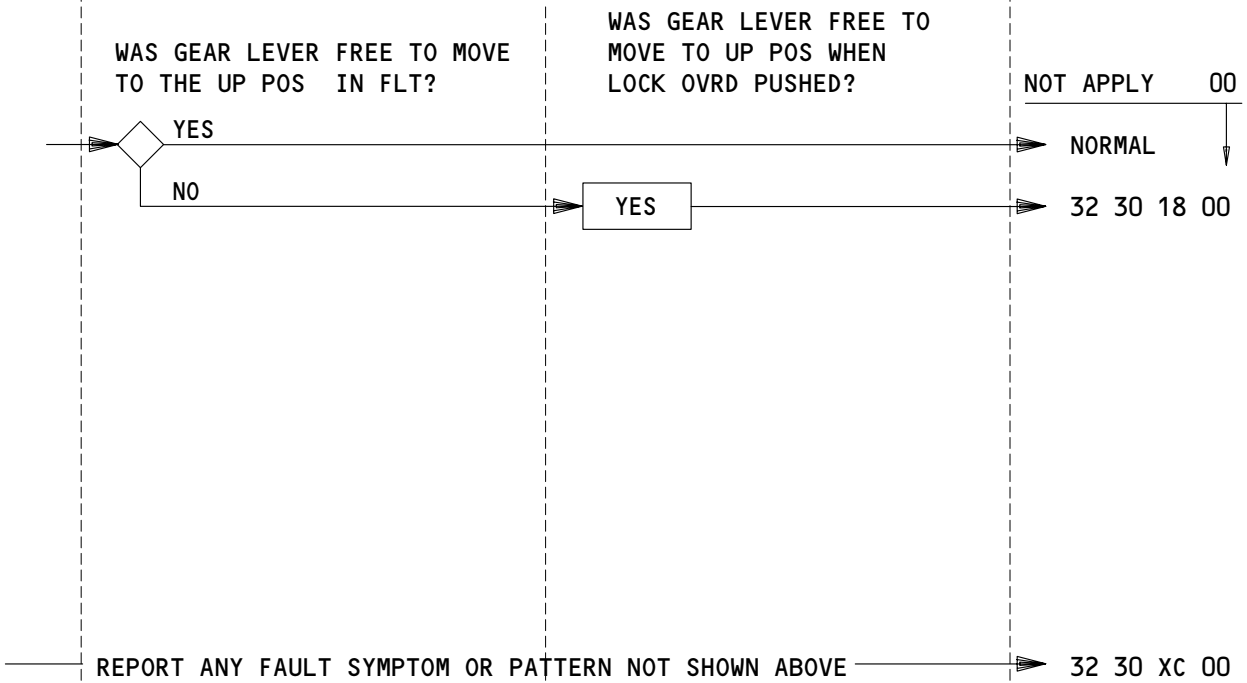
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BOEING 767
FAULT REPORTING MANUAL

PILOTS' CENTER PANEL



FAULT CODE/
LOCATION



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C30	POSITION AIR/GND SYS 1	11U20	LEVER LOCK
11T36	TEST PROX SW	11U23	POSITION AIR/GND SYS 2
11U15	AIR/GND SYS 1	11U24	POSITION AIR/GND SYS 2

LEVER LATCH - FAULT CODES

EFFECTIVITY

ALL

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LANDING GEAR

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

32 30 18 00 Gear lever would not move to UP pos inflt. Was free to move to UP pos when LOCK OVRD pushed.

32 30 XC 00 Report lever latch symptoms or patterns along with fault code.

LEVER LATCH - LOG BOOK REPORTS

EFFECTIVITY

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LANDING GEAR

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AUG 10/96

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
32 61 01 00	EICAS msg LDG GEAR MONITOR displayed with ldg gear down & locked.
32 30 13 00	EICAS msg GEAR DISAGREE displayed and GEAR amber lgt illum with gear green down lgts illum.
32 61 31 00	EICAS msg GEAR DOORS displayed and DOORS amber lgt flickers with gear green down lgts illum.
32 30 17 00	EICAS msg GEAR DOORS displayed and DOORS amber lgt slow to extin after gear extension.
32 30 01 00	EICAS msg GEAR DOORS displayed & DOORS amber lgt illum with gear dn. MSG & LGT remained illum after landing.
32 30 16 00	EICAS msg GEAR DOORS displayed & DOORS amber lgt illum with gear dn. MSG & LGT extin after landing.
32 61 35 00	EICAS msg LDG GEAR MONITOR displayed and DOOR lgt illum with gear ext.
32 30 02 00	NOSE gear green dn lgt failed to illum with gear handle DN. EICAS msg GEAR DISAGREE displayed. DOORS amber lgt was extin & GEAR lgt was illum. Indications were norm after altn gear extension.
32 30 03 00	NOSE gear green dn lgt failed to illum with gear handle DN. EICAS msg GEAR DISAGREE displayed. DOORS amber lgt was extin & GEAR lgt was illum. Altn gear extension was attempted.
32 30 04 --	(O1=LEFT, O2=RIGHT) gear green dn lgt failed to illum with gear handle DN. EICAS msg GEAR DOORS & GEAR DISAGREE displayed. DOORS & GEAR amber lgts illum. Altn gear extension was attempted.
32 30 05 --	(O1=LEFT, O2=RIGHT) gear green dn lgt failed to illum with gear handle DN. EICAS msg DRAG BRACE displayed. GEAR amber lgt was illum.
32 30 06 --	(O1=LEFT, O2=RIGHT) gear green dn lgt failed to illum with gear handle DN. EICAS msg SIDE BRACE displayed. GEAR amber lgt was illum.

GEAR EXTENSION (SHEET 1) - LOG BOOK REPORTS

EFFECTIVITY

ALL

03

LANDING GEAR

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FAULT CODE	LOG BOOK REPORT
32 30 07 --	(01=LEFT, 02=RIGHT) gear green dn lgt failed to illum with gear handle DN. EICAS msg GEAR DISAGREE displayed. DOORS amber lgts was extin & GEAR lgts illum. Indications norm after altn gear extension.
32 30 08 --	(01=LEFT, 02=RIGHT) gear green dn lgt failed to illum with gear handle DN. EICAS msg GEAR DISAGREE displayed. DOORS amber lgt was extin & GEAR lgt illum. Altn gear extension was attempted.
32 61 28 --	(01=LEFT, 02=RIGHT) gear green dn lgt failed to illum with gear handle DN. EICAS msg not displayed. DOOR & GEAR amber lgts were extin.
32 61 45 00	GEAR amber lgt failed to illum during gear extension.
32 30 XA --	Report gear extension symptoms or pattern along with fault codes.

GEAR EXTENSION (SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY

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LANDING GEAR

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115675

EFFECTIVITY

ALL

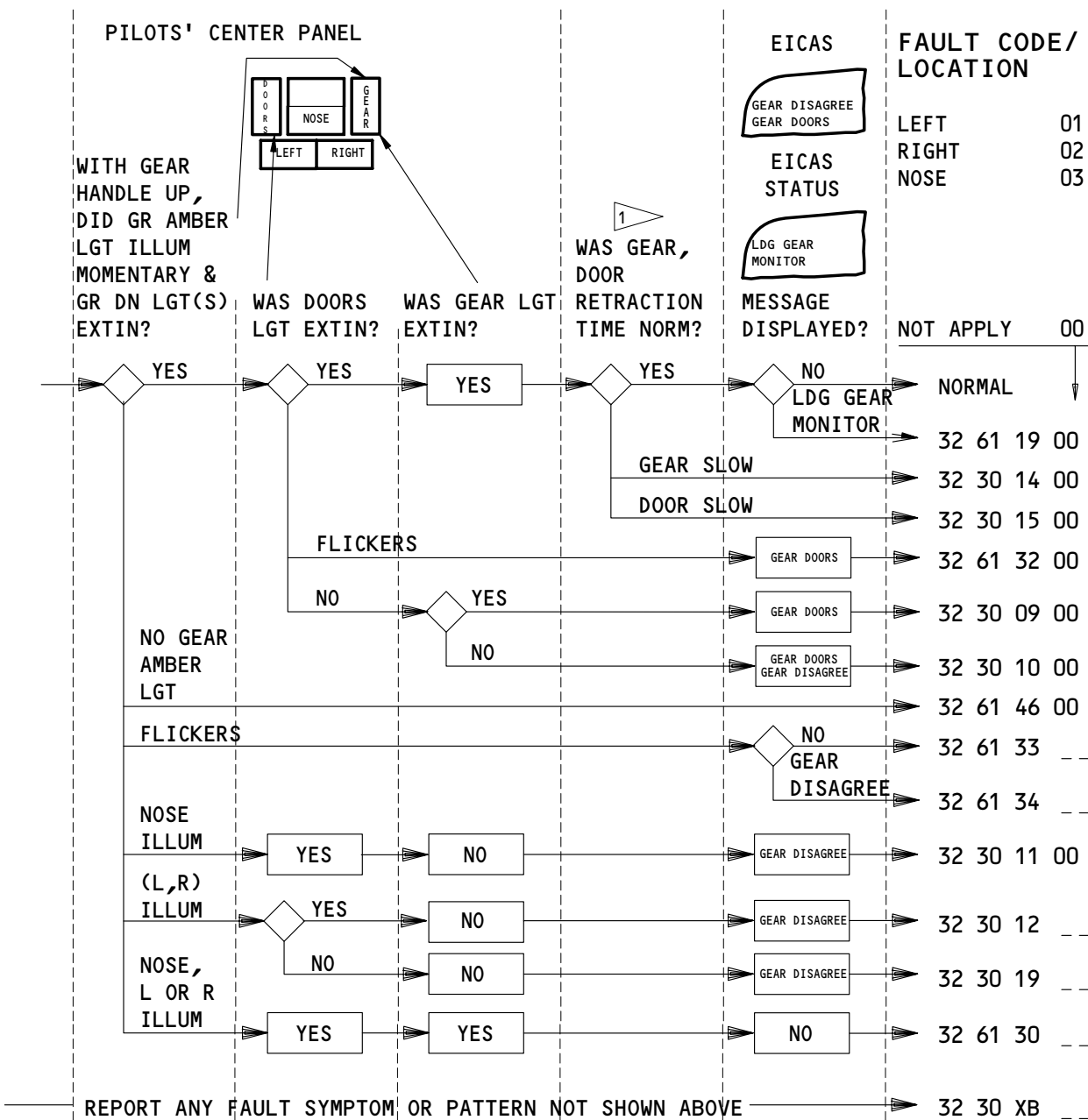
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FAULT REPORTING MANUAL



1 GEAR SHOULD RETRACT AND DOORS CLOSE WITHIN 14 SEC. IF INOP ADP IS CAUSE OF SLOW RETRACTION, SEE HYDRAULIC CHAPTER "ADP (AIR DRIVEN PUMP)" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

- 11C30 POSITION AIR/GND SYS 1 11U24 POSITION AIR/GND SYS 2
- 11U23 POSITION AIR/GND SYS 2

GEAR RETRACTION – FAULT CODES

EFFECTIVITY
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FAULT CODE	LOG BOOK REPORT
32 61 19 00	EICAS msg LDG GEAR MONITOR displayed with ldg gear UP & LOCKED.
32 30 14 00	Landing gear slow, took ___ sec (over 14 sec) to retract.
32 30 15 00	Landing gear doors slow to close on gear retraction.
32 61 32 00	EICAS msg GEAR DOORS displayed and DOORS amber lgt flickers after gear retraction.
32 30 09 00	EICAS msg GEAR DOORS displayed with gear handle UP. DOORS amber lgt was illum & GEAR lgt extin.
32 30 10 00	EICAS msg GEAR DOORS & GEAR DISAGREE displayed with gear handle UP. DOORS & GEAR amber lgt's illum. Gear dn green lgt's all extin.
32 61 46 00	GEAR amber lgt failed to illum during gear retraction.
32 61 33 __	(01=LEFT, 02=RIGHT, 03=NOSE) gear green dn lgt flickers after gear retraction.
32 61 34 __	EICAS msg GEAR DISAGREE displayed and (01=LEFT, 02= RIGHT, 03= NOSE) gear green dn lgt flickers after gear retraction.
32 30 11 00	EICAS msg GEAR DISAGREE displayed with gear handle UP. NOSE green dn lgt failed to extin. DOORS amber lgt was extin & GEAR lgt illum.
32 30 12 __	(01=LEFT, 02=RIGHT) gear green dn lgt failed to extin with gear handle UP. EICAS msg, GEAR DISAGREE displayed. DOORS amber lgt was extin & GEAR lgt illum.
32 30 19 __	(01=LEFT, 02=RIGHT) gear green dn lgt failed to extin with gear handle UP. EICAS msg, GEAR DISAGREE displayed. DOORS amber lgt & GEAR lgt lgt illum.
32 61 30 __	(01=LEFT, 02=RIGHT, 03=NOSE) gear green dn lgt failed to extin with gear handle UP. DOORS & GEAR amber lgt's extin. EICAS msg not displayed.
32 30 XB __	Report gear retraction symptoms or patterns along with fault codes.

GEAR RETRACTION – LOG BOOK REPORTS

EFFECTIVITY

ALL

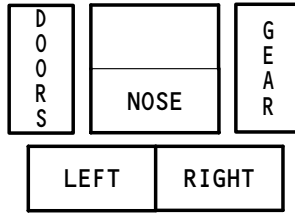
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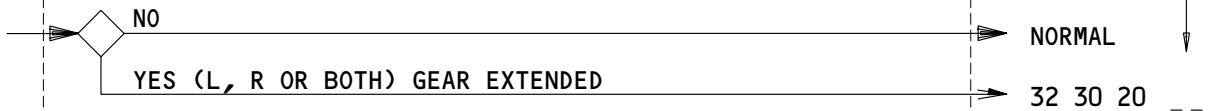
PILOTS' CENTER PANEL



FAULT CODE/
LOCATION

LEFT 01
 RIGHT 02
 BOTH 03

WITH GEAR LEVER OFF, DID GEAR DOWN LIGHT(S) ILLUM?



NOT APPLY 00

NORMAL

32 30 20 --

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE → 32 30 XD --

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C30	POSITION AIR/GND SYS 1
11U23	POSITION AIR/GND SYS 2
11U24	POSITION AIR/GND SYS 2

UNCOMMANDED MAIN LANDING GEAR EXTENSION - FAULT CODES

EFFECTIVITY

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

32 30 20 __ (01=Left, 02=Right, 03=Both) main landing gear extended with gear lever off, gear down lights illum.

32 30 XD __ Report uncommanded main landing gear extension symptoms or patterns along with fault code.

UNCOMMANDED MAIN LANDING GEAR EXTENSION - LOG BOOK REPORTS

EFFECTIVITY

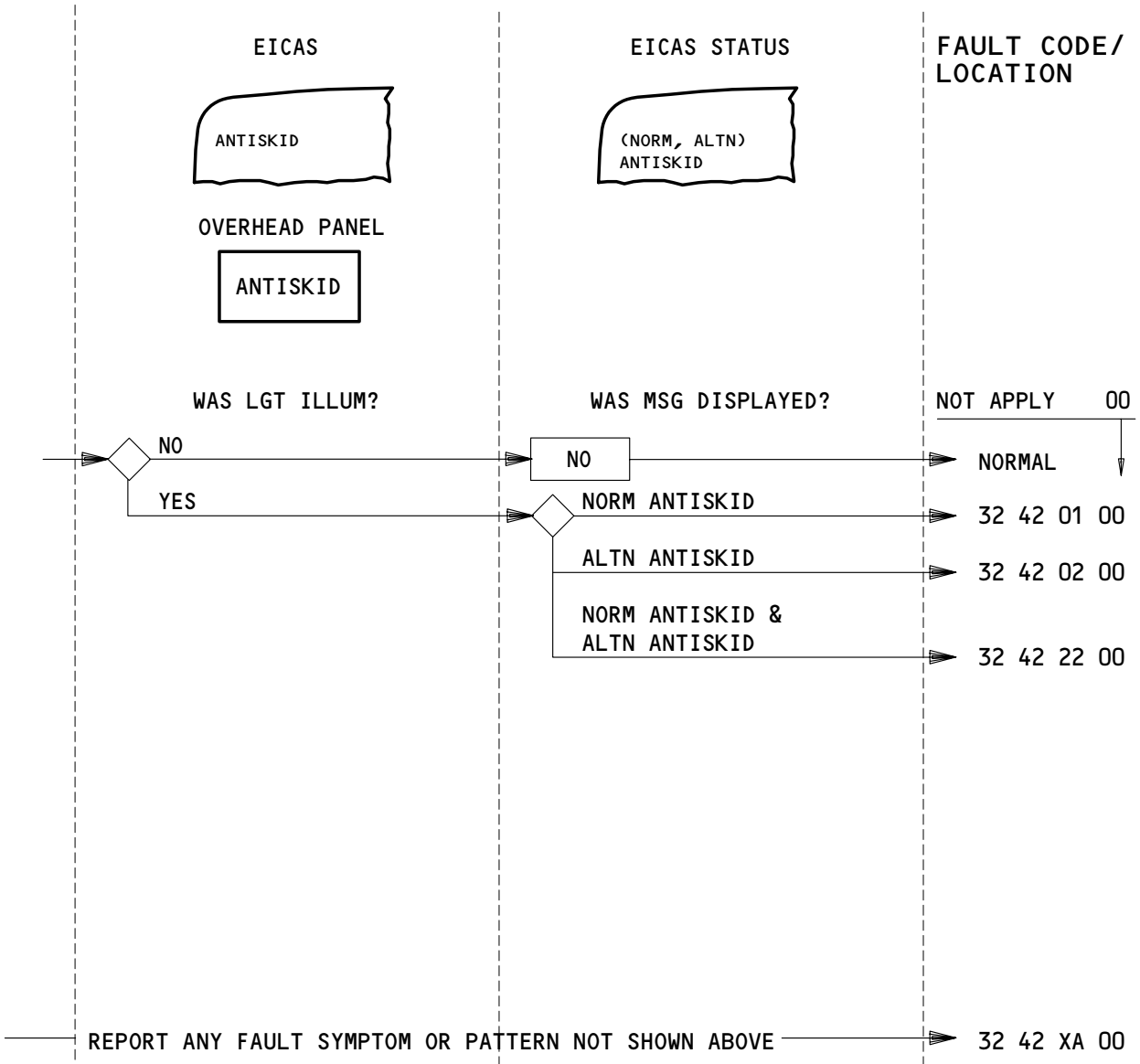
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APPLICABLE CIRCUIT BREAKERS

6F4	PARKING BRAKE VLV	11U18	ANTISKID 1 - 5
11C31	ANTISKID 2 - 6	11U27	ANTISKID 4 - 8
11C32	ANTISKID 3 - 7		

ANTISKID - FAULT CODES

EFFECTIVITY

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
32 42 01 00	EICAS msg NORM ANTISKID displayed & amber ANTISKID lgt illum.
32 42 02 00	EICAS msg ALTN ANTISKID displayed & amber ANTISKID lgt illum.
32 42 22 00	EICAS msg NORM ANTISKID & ALTN ANTISKID displayed & amber ANTISKID lgt illum.
32 42 XA 00	Report antiskid symptoms or patterns along with fault codes.

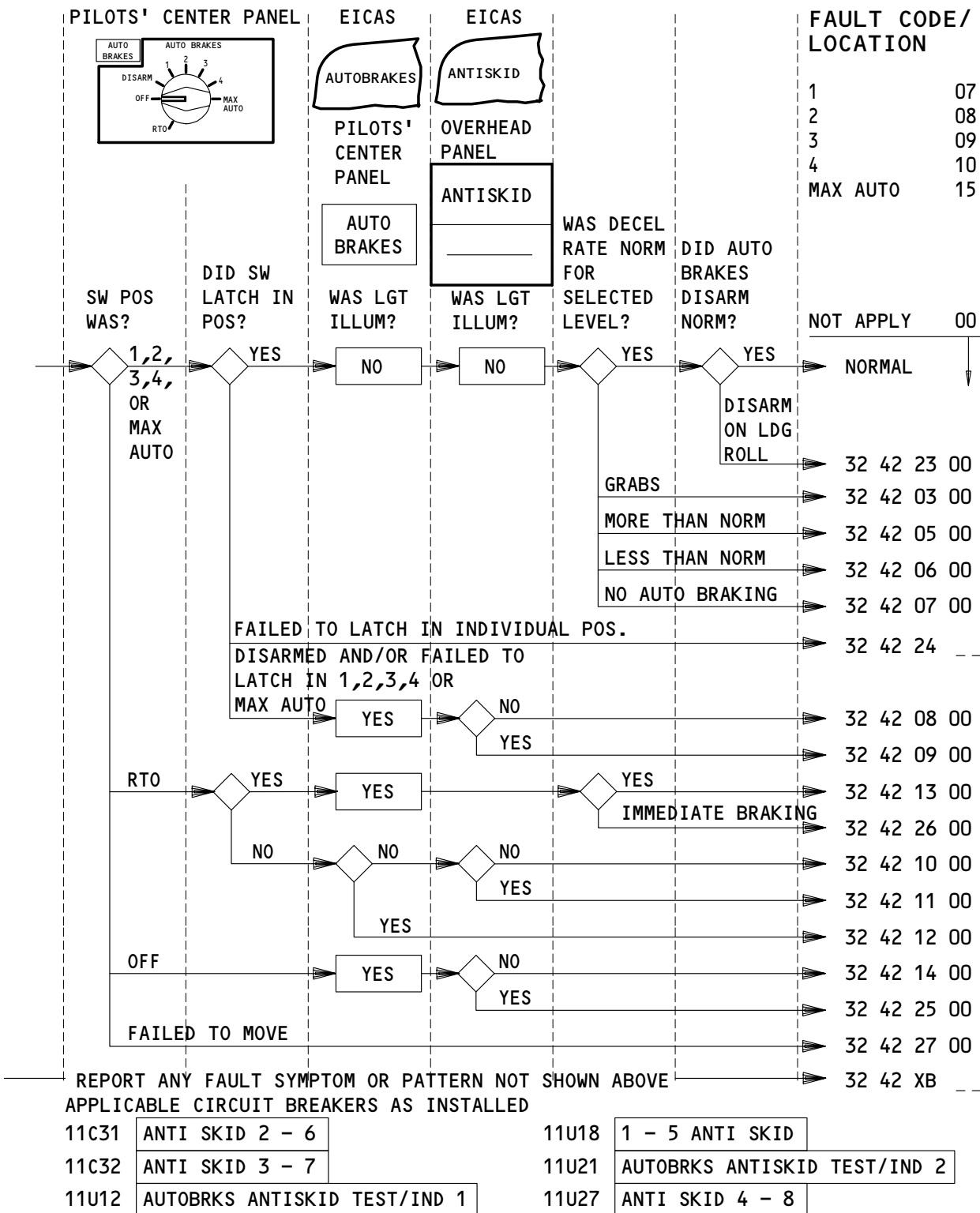
ANTISKID – LOG BOOK REPORTS

EFFECTIVITY

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FAULT REPORTING MANUAL



AUTO BRAKES - FAULT CODES

EFFECTIVITY

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LANDING GEAR

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
32 42 23 00	Auto brakes disarmed on landing roll.
32 42 03 00	Brakes grab briefly after touchdown.
32 42 05 00	Auto brake deceleration more than normal with no faults indicated. Level selected was ____.
32 42 06 00	Auto brake deceleration less than normal with no faults indicated. Level selected was ____.
32 42 07 00	Auto brake system inoperative with no fault indications. Level selected was ____.
32 42 24 __	Auto brake selector will not latch in (07=1, 08=2, 09=3, 10=4, 15= MAX AUTO) pos.
32 42 08 00	Auto brake selector (will not latch into, disarmed from) position(s) _____. ANTISKID lgt was not illum.
32 42 09 00	Auto brake selector (will not latch into, disarmed from) position(s) _____. AUTOBRAKES & ANTISKID lgts were illum.
32 42 13 00	AUTO BRAKES lgt is illum with auto brake selector in RT0 position.
32 42 26 00	Airplane brakes immediately after selecting RT0 during taxi.
32 42 10 00	Auto brake selector will not latch in RT0 position with no fault indications.
32 42 11 00	Auto brake selector will not latch in RT0 position with ANTISKID lgt illum.
32 42 12 00	Auto brake selector will not latch in RT0 position with AUTO BRAKES lgt illum.
32 42 14 00	AUTO BRAKES lgt is illum with auto brake selector in OFF position.
32 42 25 00	EICAS msgs AUTO BRAKES & ANTISKID displayed and AUTO BRAKE lgt illum with auto brake selector off.
32 42 27 00	Auto brake selector will not move.
32 42 XB __	Report auto brake symptoms or patterns along with fault code.

AUTO BRAKES – LOG BOOK REPORTS

EFFECTIVITY

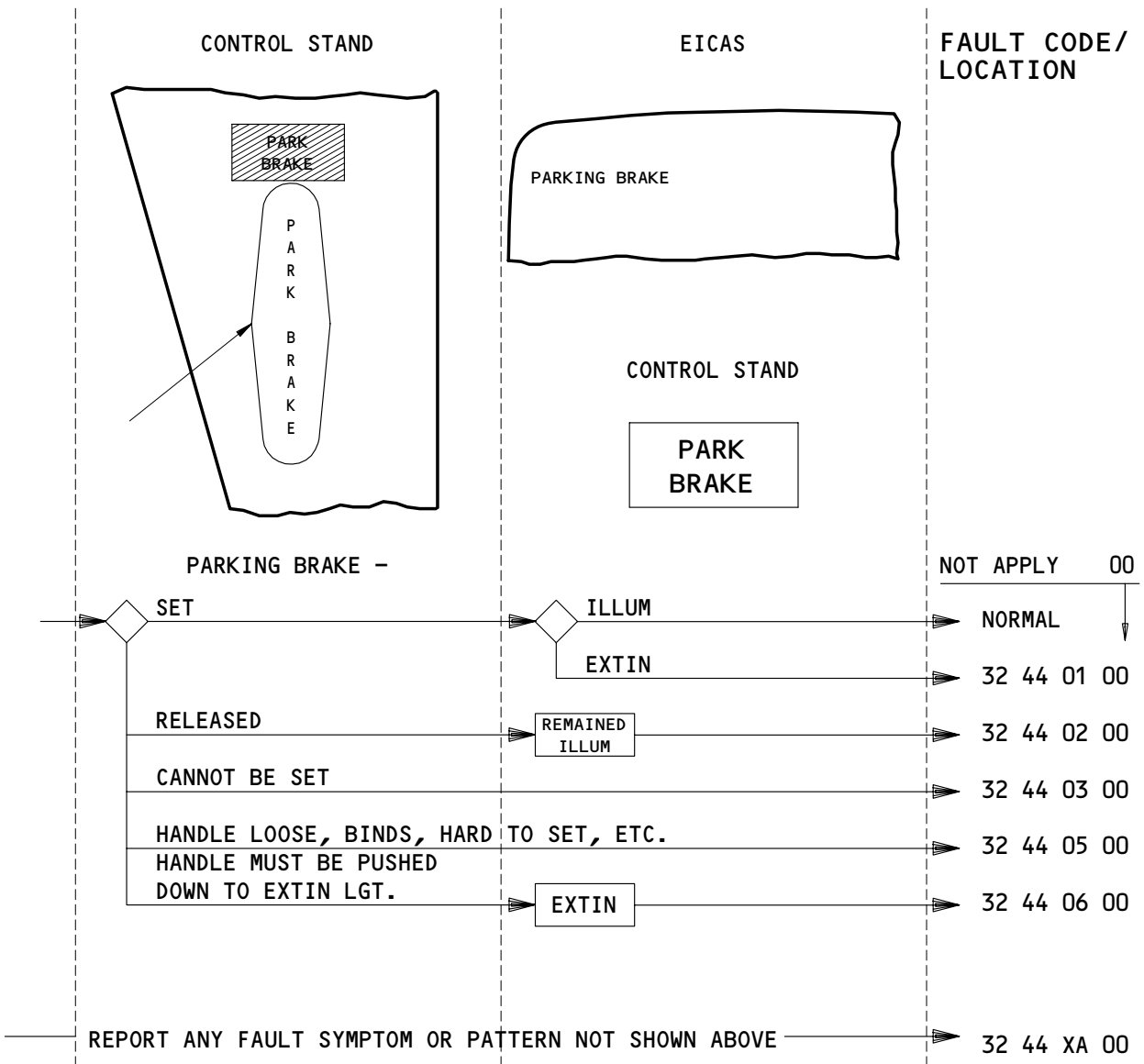
ALL

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LANDING GEAR

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APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6F4 PARKING BRAKE VLV

PARKING BRAKE - FAULT CODES

EFFECTIVITY

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
32 44 01 00	With PARK BRAKE set, PARK BRAKE lgt remains extin.
32 44 02 00	With PARK BRAKE released, PARK BRAKE lgt remains illum.
32 44 03 00	Parking brake cannot be set.
32 44 05 00	Parking brake handle (loose, binds, hard to set, etc.)
32 44 06 00	Parking brake handle must be pushed down to release brakes and extin PARK BRAKE lgt.
32 44 XA 00	Report parking brake symptoms or patterns along with fault code.

PARKING BRAKE – LOG BOOK REPORTS

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EFFECTIVITY

ALL

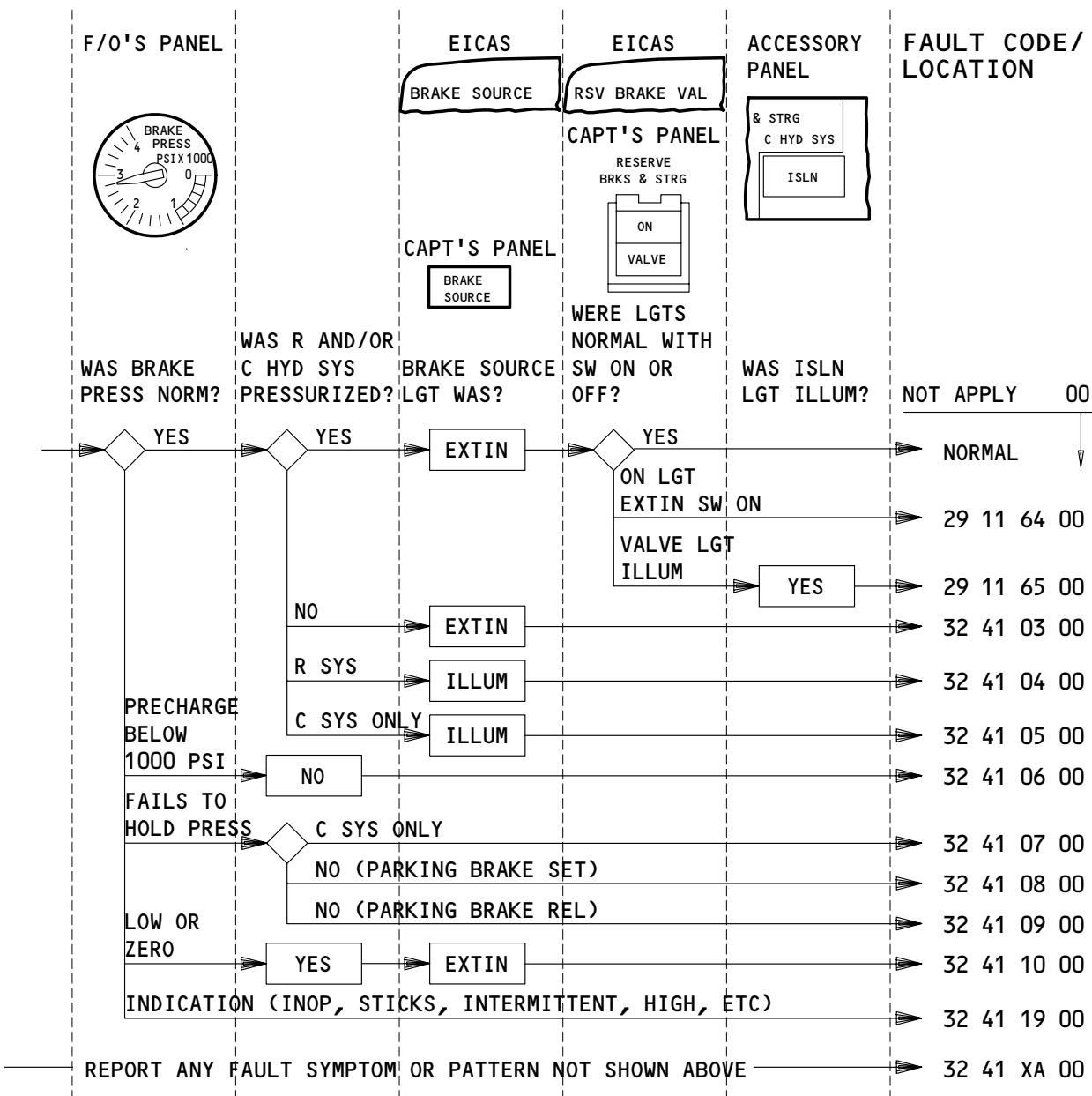
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APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6F4	PARKING BRAKE VLV	11L15	ELEC PUMP CTR 1	11U22	BRAKE PRESS
		11L15	ELEC PUMP C1		

BRAKE PRESSURE SOURCE - FAULT CODES

EFFECTIVITY

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 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
29 11 64 00	EICAS msg RSV BRAKE VAL did not display and Reserve brake & steering sw ON lgt fails to illum with switch pressed ON.
29 11 65 00	EICAS msg RSV BRAKE VAL displayed and Reserve brake & steering sw VALVE & ISLN lgts illum with sw (ON, OFF).
32 41 03 00	BRAKE SOURCE lgt fails to illuminate with no hyd pressure from any source.
32 41 04 00	BRAKE SOURCE lgt remains illuminated with right hyd sys pressurizing brakes.
32 41 05 00	BRAKE SOURCE light illuminated with center hyd sys pressurizing brakes.
32 41 06 00	Brake pressure precharge low (____ PSI).
32 41 07 00	Brake pressure bleeds off with C hyd sys pressurized & R sys off.
32 41 08 00	Brake pressure bleeds off with parking brake set. Hyd sys R & C was depressurized.
32 41 09 00	Brake press bleeds off with R & C hys sys depressurized. Parking brake was rel.
32 41 10 00	Brake press indicates (low, zero) with (R, C, R & C) hyd sys pressurized and BRAKE SOURCE lgt extin.
32 41 19 00	Brake pressure indication (inop, sticks, intermittent, high, etc).
32 41 XA 00	Report brake pressure source symptoms or patterns along with fault code.

BRAKE PRESSURE SOURCE – LOG BOOK REPORTS

EFFECTIVITY

ALL

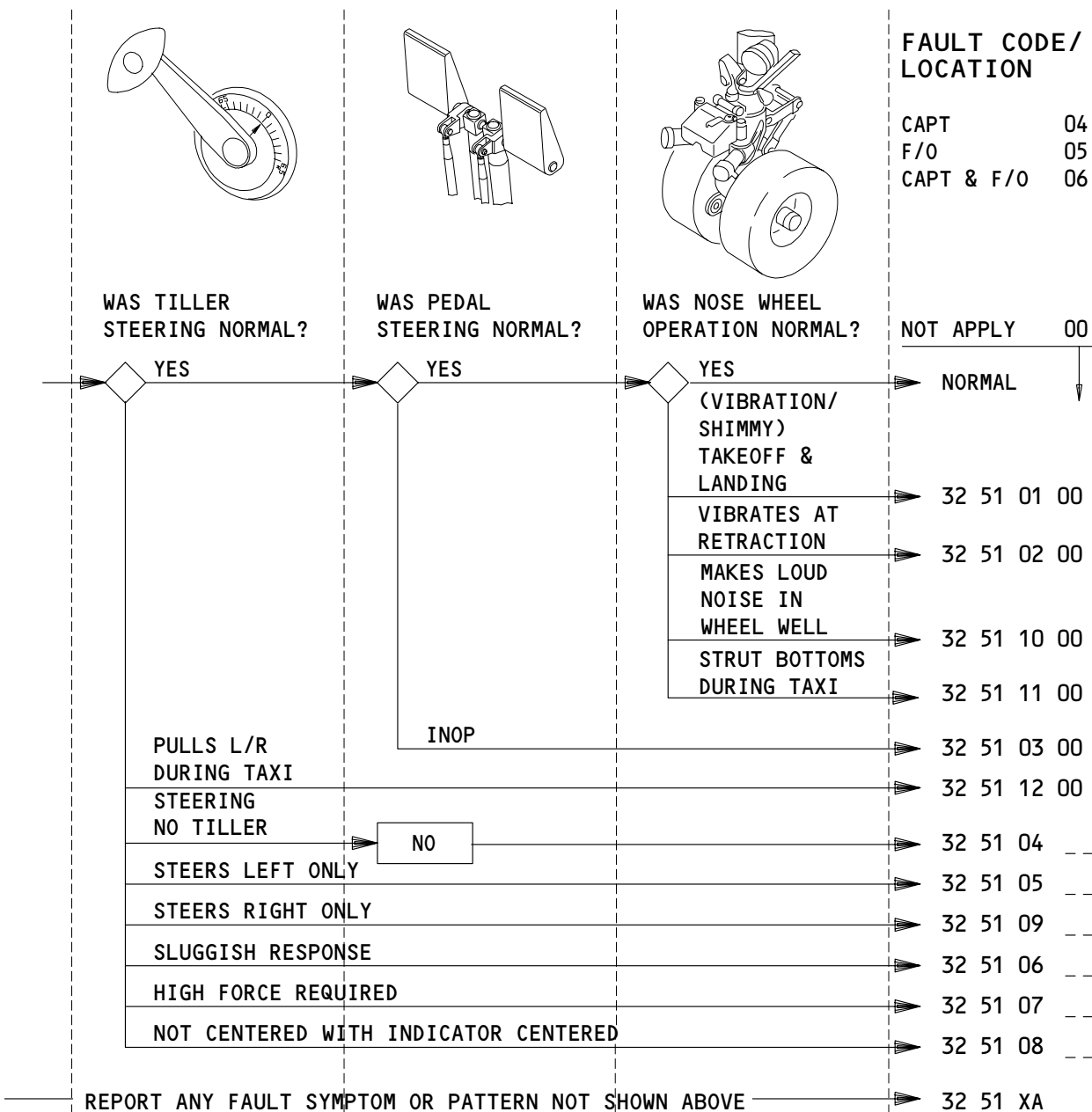
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APPLICABLE CIRCUIT BREAKERS

NONE

NOSE WHEEL AND STEERING – FAULT CODES

EFFECTIVITY

ALL

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 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
32 51 01 00	Nose wheel (vibrates/shimmies) on (takeoff, landing).
32 51 02 00	Nose wheel vibrates at gear retraction.
32 51 10 00	Nose wheel makes loud noise in wheel well.
32 51 11 00	Nose wheel strut bottoms during taxi.
32 51 03 00	Rudder pedal steering (describe problem). Tiller steering ok.
32 51 12 00	Airplane pulls (L, R) during taxi.
32 51 04 __	Tiller steering inop from (04=Capt, 05=F/0, 06=Capt & F/0) side.
32 51 05 __	Tiller steers left direction only from (04=Capt, 05=F/0, 06=Capt & F/0) side.
32 51 09 __	Tiller steers right direction only from (04=Capt, 05=F/0, 06=Capt & F/0) side.
32 51 06 __	Tiller steering response sluggish from (04=Capt, 05=F/0, 06=Capt & F/0) side.
32 51 07 __	Tiller steering forces high from (04=Capt, 05=F/0, 6=Capt & F/0) side.
32 51 08 __	Nose wheel not centered with tiller indicator centered on (04=Capt, 05=F/0, 06=Capt & F/0) side.
32 51 XA __	Report nose wheel and steering symptoms or patterns along with fault code.

NOSE WHEEL AND STEERING – LOG BOOK REPORTS

EFFECTIVITY

ALL

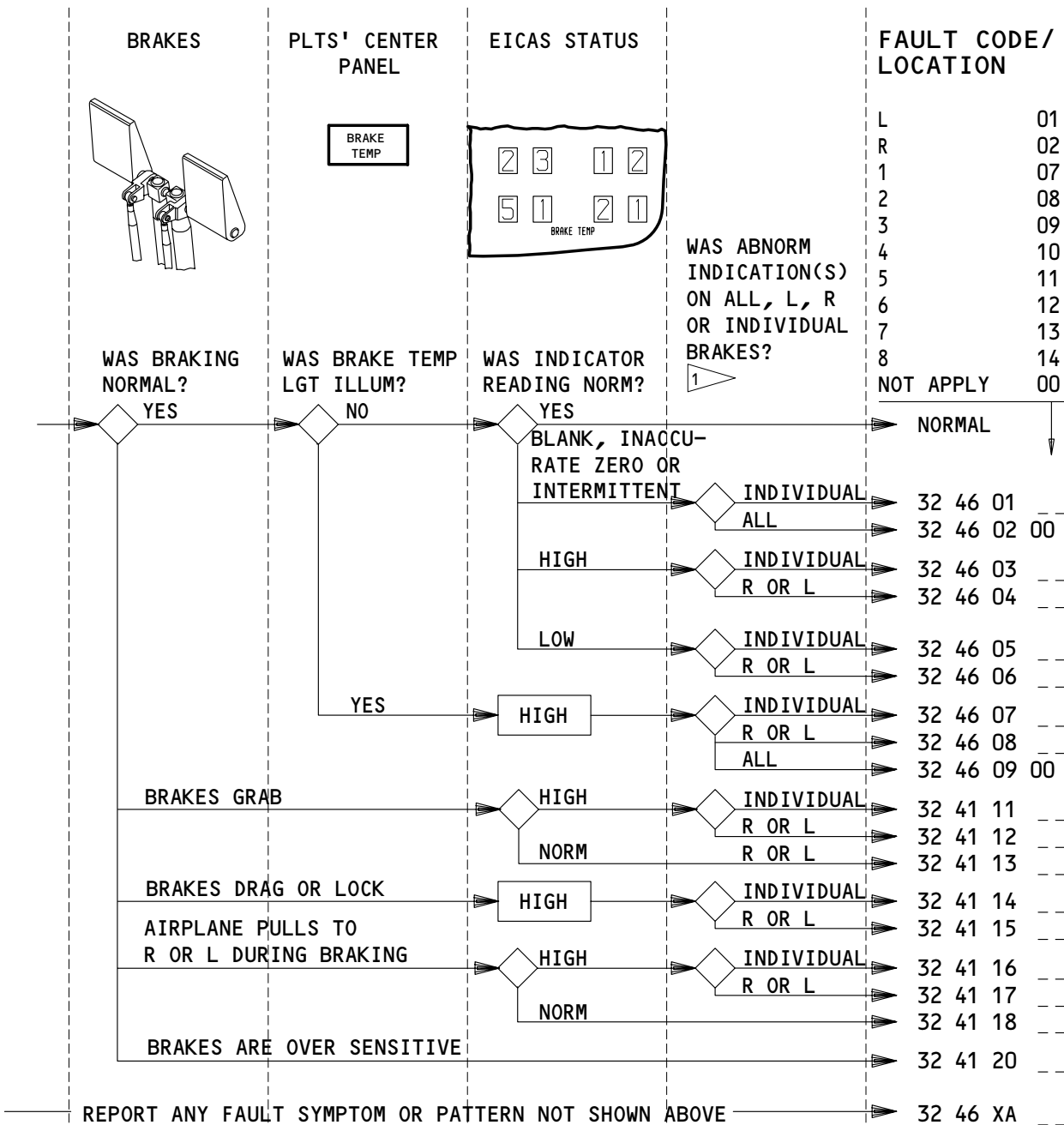
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NOTE: BRAKE LOCATION

L		R	
□	□	□	□
1	2	3	4
□	□	□	□
5	6	7	8

APPLICABLE CIRCUIT BREAKERS

11U16 BRAKE TEMP

BRAKING AND BRAKE TEMPERATURE - FAULT CODES

EFFECTIVITY

ALL

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LANDING GEAR

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
32 46 01 --	No. (07=1, 08=2, 09=3, 10=4, 11=5,, 12=6, 13=7, 14=8) brake temp indicates (blank, inaccurate, zero, intermittent)
32 46 02 00	All brake temps indicate (blank, inaccurate, zero, intermittent)
32 46 03 --	No. (07=1, 08=2, 09=3, 10=4, 11=5, 12=6, 13=7, 14=8) brake temp high, ___ level higher than others.
32 46 04 --	(01=L, 02=R) brake temp high, ___ level higher than other side.
32 46 05 --	No. (07=1, 08=2, 09=3, 10=4, 11=5, 12=6, 13=7, 14=8) brake temp low, ___ level lower than others.
32 46 06 --	(01=L, 02=R) brake temp low, ___ level lower than other side.
32 46 07 --	BRAKE TEMP lgt illum. No. (07=1, 08=2, 09=3, 10=4, 11=5, 12=6, 13=7, 14=8) brake temp high. ___, max level.
32 46 08 --	BRAKE TEMP lgt illum. (01=L, 02=R) brake temp high. ___, max level.
32 46 09 00	BRAKE TEMP lgt illum. All brake temp high. ___, max level.
32 41 11 --	Brakes grabbing No. (07=1, 08=2, 09=3, 10=4, 11=5, 12=6, 13=7, 14=8) brake temp high. ___, max level.
32 41 12 --	Brakes grabbing. (01=L, 02=R) brake temps high. ___, max level.
32 41 13 --	(01=L, 02=R) brakes grabbing. Brake temp normal.
32 41 14 --	Brakes (drag/locked). No. (07=1, 08=2, 09=3, 10=4, 11=5, 12=6, 13=7, 14=8) brake temp high. ___, max level.
32 41 15 --	Brakes (drag/locked). (01=L, 02=R) brake temp high. ___, max level.
32 41 16 --	Airplane pulls to (R/L) during braking. No. (07=1, 08=2, 09=3, 10=4, 11=5, 12=6, 13=7, 14=8) brake temp high. ___, max level.
32 41 17 --	Airplane pulls to (L/R) during braking. (01=L, 02=R) brake temp high. ___, max level.
32 41 18 --	Airplane pulls to (01=L, 02=R) during braking. Brake temps norm.
32 41 20 --	(01=L, 02=R) braking is over sensitive.
32 46 XA --	Report braking and brake temperature symptoms or patterns along with fault code.

BRAKING AND BRAKE TEMPERATURE – LOG BOOK REPORTS

EFFECTIVITY

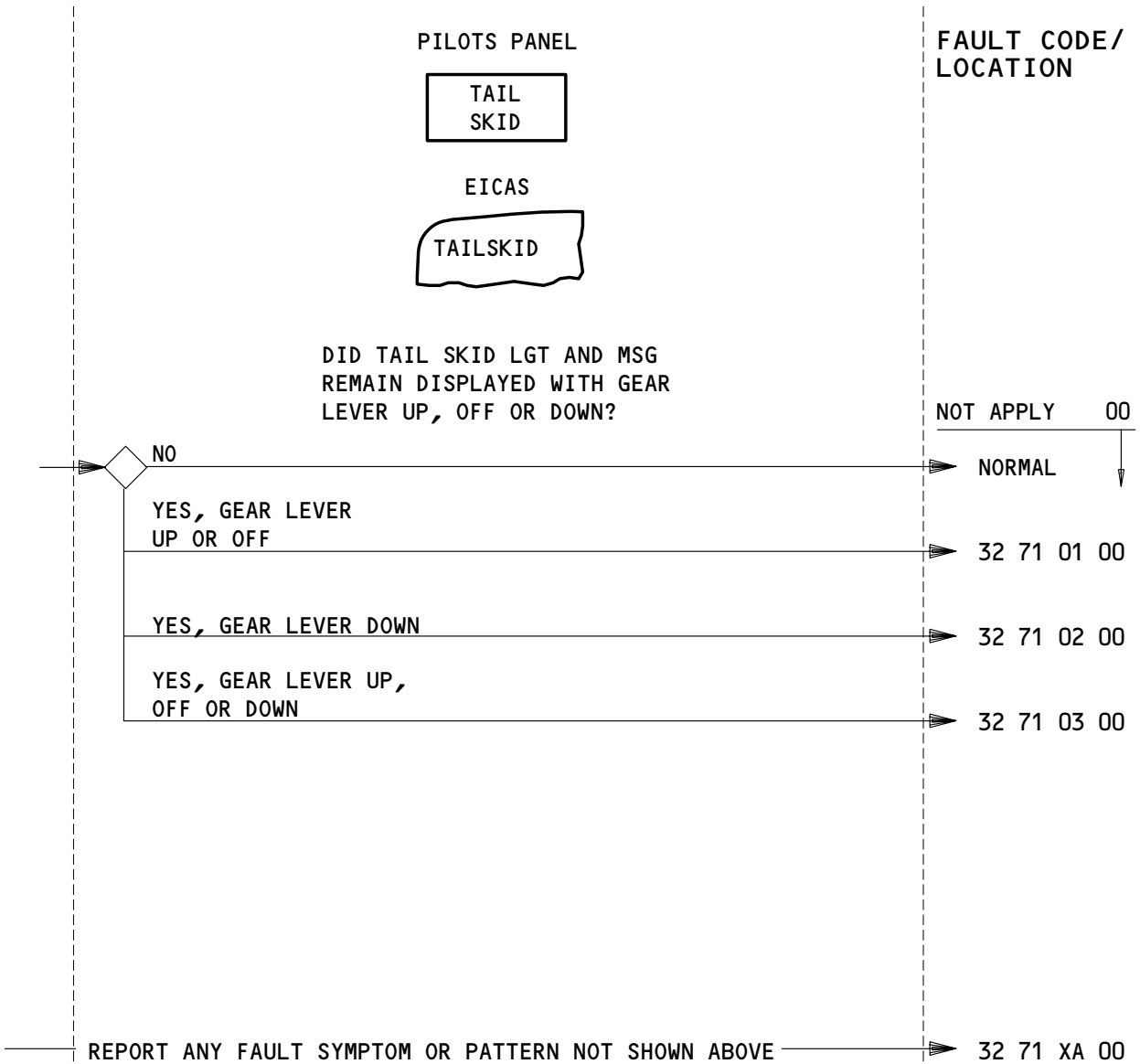
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APPLICABLE CIRCUIT BREAKERS

11U26 TAIL SKID CONT

TAIL SKID - FAULT CODES

EFFECTIVITY
 -300 AIRPLANES

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

32 71 01 00 EICAS msg TAILSKID displayed and TAIL SKID lgt illuminated with gear
Lever UP or OFF.

32 71 02 00 EICAS msg TAILSKID displayed and TAIL SKID lgt illuminated with gear
Lever DOWN.

32 71 03 00 EICAS msg TAILSKID displayed and TAIL SKID lgt illuminated with gear
Lever UP, OFF or DOWN.

32 71 XA 00 Report tail skid symptoms or patterns along with fault codes.

TAIL SKID - LOG BOOK REPORTS

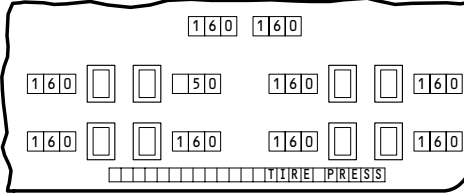
EFFECTIVITY
-300 AIRPLANES

04

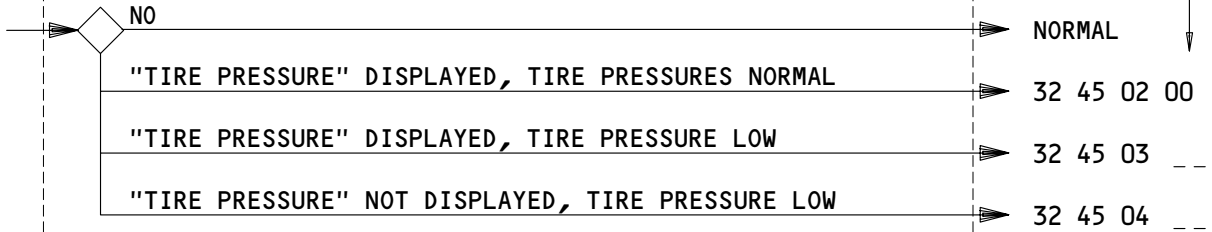
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EICAS



WAS EICAS MSG DISPLAYED AND/OR LOW PRESS INDICATED?



**FAULT CODE/
 LOCATION** 1

1	01
2	02
3	03
4	04
5	05
6	06
7	07
8	08
L NOSE	09
R NOSE	10
NOT APPLY	00

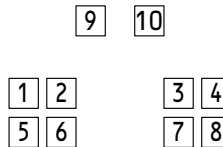
REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE → 32 45 XA --

1 REPORT TIRE PRESSURE LOW AS PER POSITION.

APPLICABLE CIRCUIT BREAKERS

11U17 TIRE PRESS IND 1

TIRE POSITIONS



TIRE PRESSURE – FAULT CODES

EFFECTIVITY

AIRPLANES WITH TIRE PRESSURE INDICATION

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FAULT CODE	LOG BOOK REPORT
32 45 02 00	EICAS msg TIRE PRESSURE displayed. All tire pressures indicate normal.
32 45 03 --	EICAS msg TIRE PRESSURE displayed. (01=#1, 02=#2, 03=#3, 04=#4, 05=#5, 06=#6, 07=#7, 08=#8, 09=L nose, 10=R nose) tire indicates low pressure.
32 45 04 --	EICAS msg TIRE PRESSURE not displayed. (01=#1, 02=#2, 03=#3, 04=#4, 05=#5, 06=#6, 07=#7, 08=#8, 09=L nose, 10=R nose) tire indicates low pressure.
32 45 XA --	Report tire pressure symptoms or patterns along with fault code.

TIRE PRESSURE – LOG BOOK REPORTS

EFFECTIVITY
AIRPLANES WITH TIRE PRESSURE INDICATION

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LIGHTS

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EICAS MESSAGES

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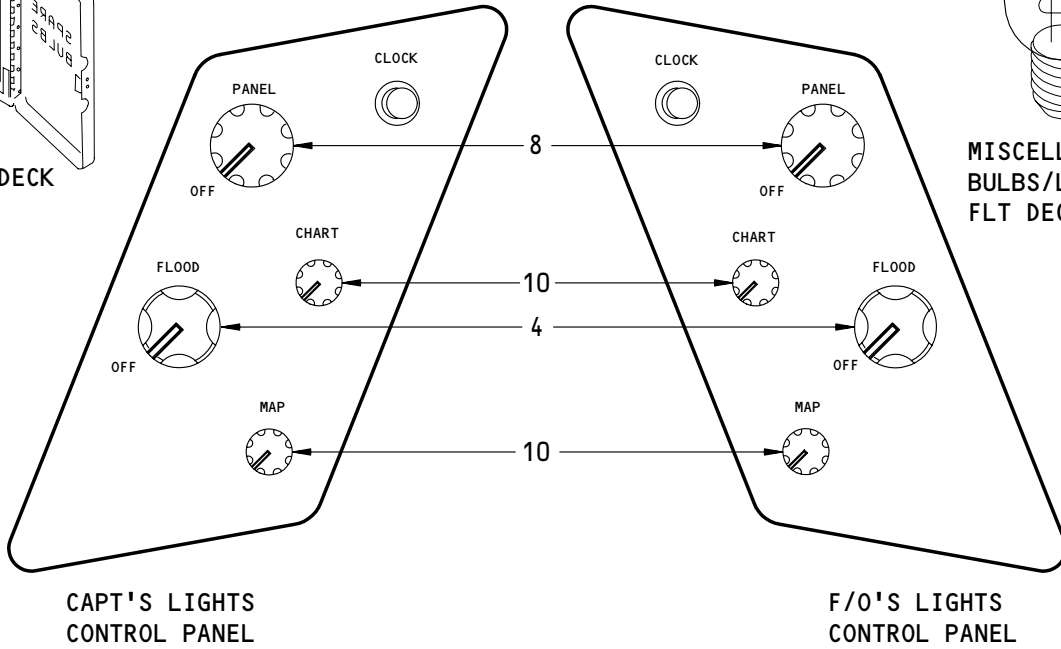
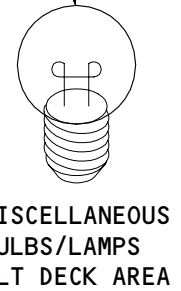
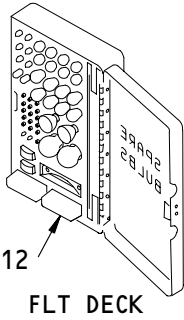
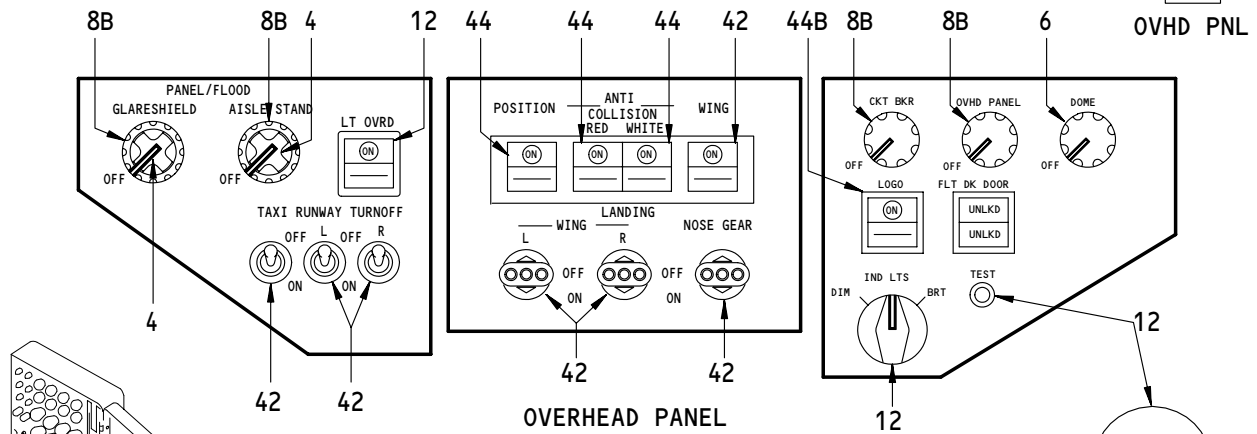
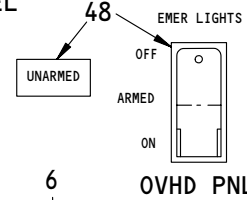
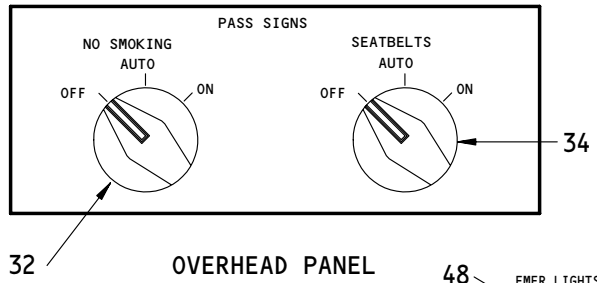
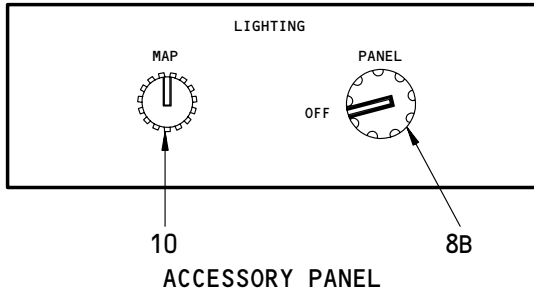
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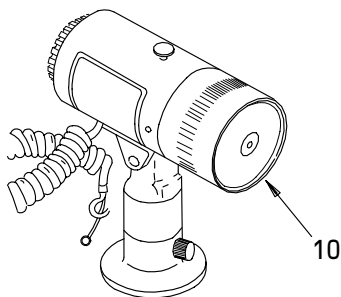
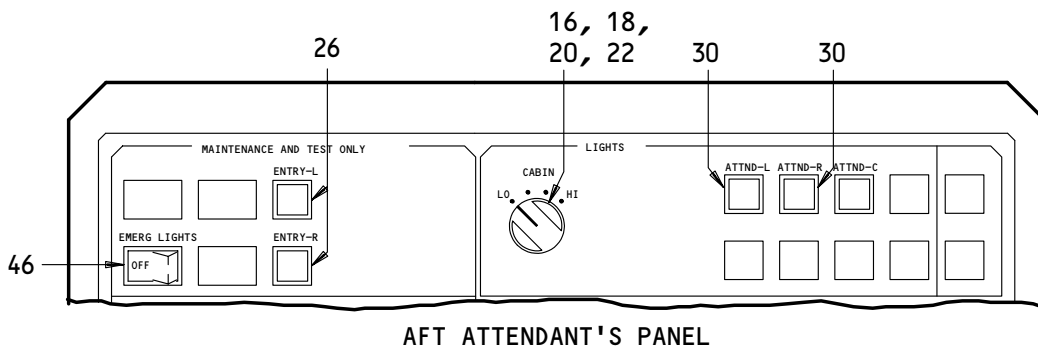
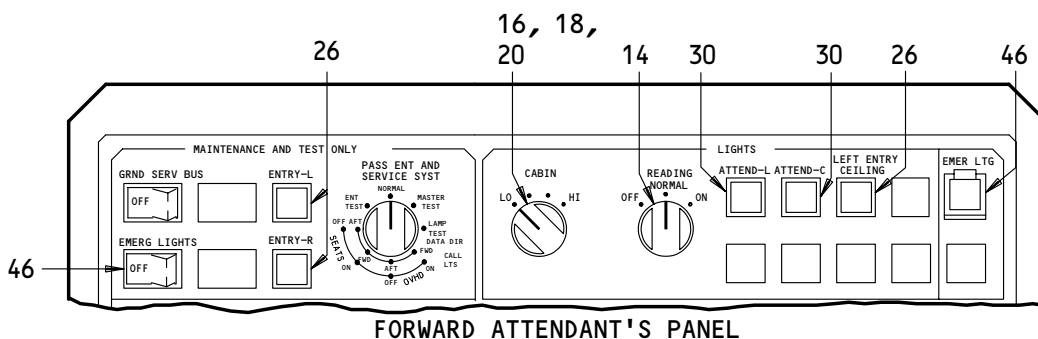
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LIGHTS

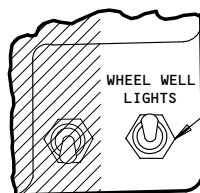
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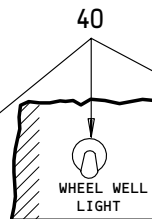
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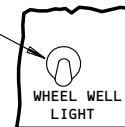
EACH CREWMEMBER STATION



APU GND CONTROL PANEL

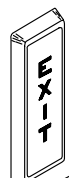


R WHEEL WELL SERVICE PANEL



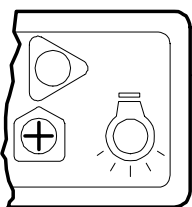
L WHEEL WELL SERVICE PANEL

LAVATORY OCCUPIED ← 36, 36B

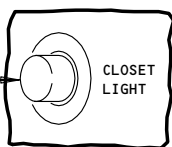


TRACK LIGHTING

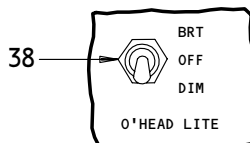
MAIN CABIN AREA



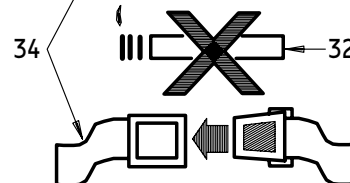
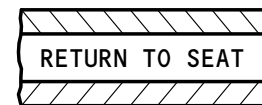
PASSENGER ARM RESTS



EACH CLOSET



EACH GALLEY



FASTEN SEAT BELT AND NO SMOKING SIGNS

CONTENTS

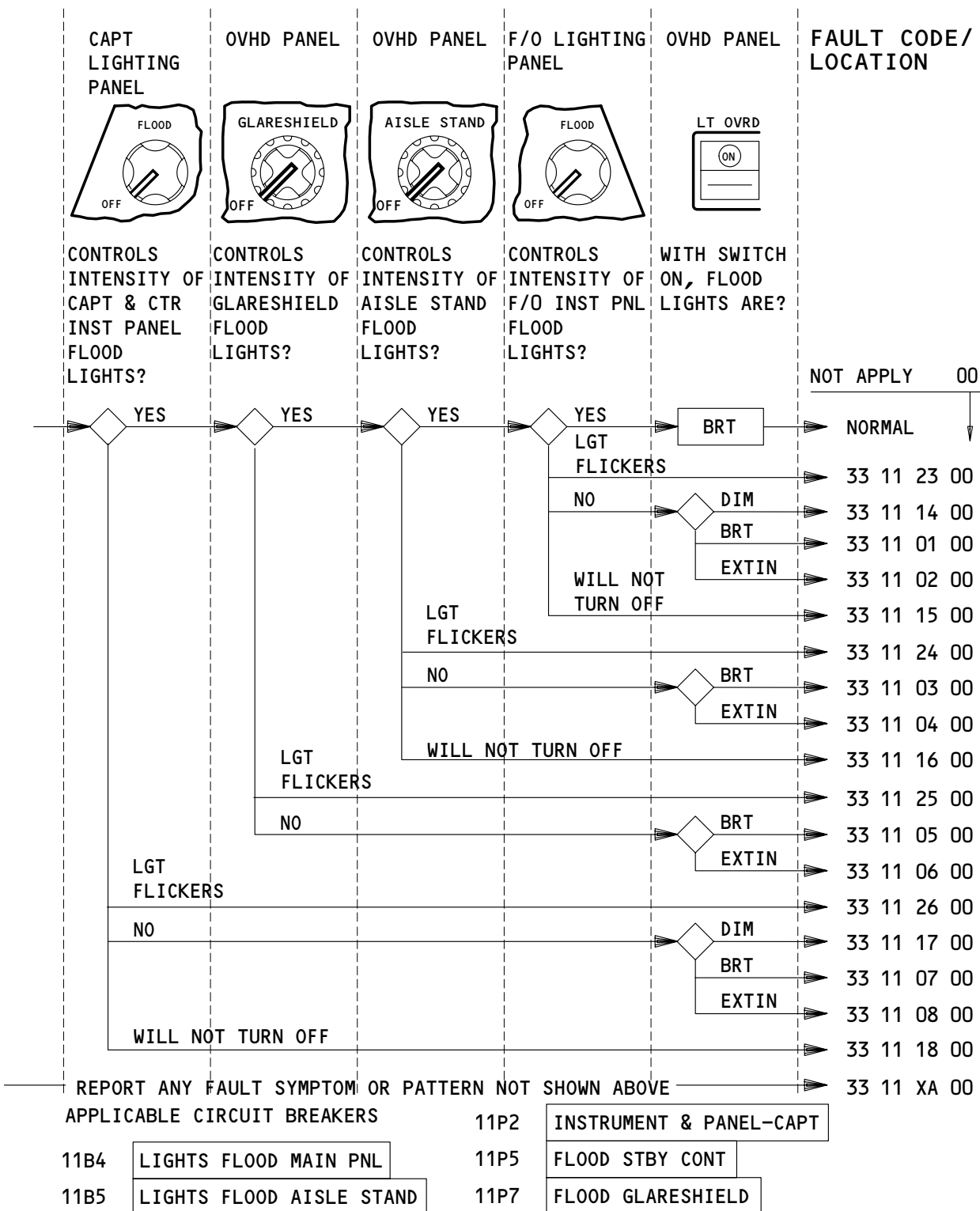
EFFECTIVITY

ALL

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BOEING 767

FAULT REPORTING MANUAL



FLOODLIGHTS - FAULT CODES

EFFECTIVITY

ALL

03

LIGHTS

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 11 23 00	F/O's inst pnl floodlight flickers.
33 11 14 00	F/O's inst pnl floodlight control will not control intensity of lgts. Lgts remain dim with lgt ovrđ sw on.
33 11 01 00	F/O's inst pnl floodlight control will not illum or control intensity. of lgts. Lgts illum brt with lgt ovrđ switch ON.
33 11 02 00	F/O's inst pnl floodlight control will not illum or control intensity. Lgts do not illum brt with lgt ovrđ switch ON.
33 11 15 00	F/O's inst pnl floodlight control will not control intensity of lgts. Lgts remain dim wth control off.
33 11 24 00	Aisle stand floodlight flickers.
33 11 03 00	Aisle stand floodlight control will not illum or control intensity of lgts. Lgts illum brt with lgt ovrđ switch ON.
33 11 04 00	Aisle stand floodlight control will not illum or control intensity of lgts. Lgts do not illum brt with lgt ovrđ switch ON.
33 11 16 00	Aisle stand floodlight control will not control intensity of lgt. Lgt remains dim with control off.
33 11 25 00	Glaresheild floodlight flickers.
33 11 05 00	Glaresheild floodlight control will not illum or control intensity of lgts. Lgts illum brt with lgt ovrđ switch ON.
33 11 06 00	Glaresheild floodlight control will not illum or control intensity of lgts. Lgts do not illum brt with lgt ovrđ switch ON.

FLOODLIGHTS (SHEET 1) - LOG BOOK REPORTS

EFFECTIVITY

ALL

01

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 11 26 00	Capt & ctr inst pnl floodlights flicker.
33 11 17 00	Capt & ctr inst pnl floodlight control will not control intensity of lgts. Lgts remain dim with lgt ovrd sw on.
33 11 07 00	Capt & ctr inst pnl floodlight control will not illum or control intensity of (captain's inst pnl, center inst pnl) lgts. Lgts illum brt with lgt ovrd switch ON.
33 11 08 00	Capt & ctr inst pnl floodlight control will not illum or control intensity of lgts. Lgts do not illum brt with lgt ovrd sw ON.
33 11 18 00	Capt & ctr inst pnl floodlight control will not control intensity of lgts. Lgts remain dim with control off.
33 11 XA 00	Report floodlight symptoms or patterns along with fault code.

FLOODLIGHTS (SHEET 2) - LOG BOOK REPORTS

140931

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FAULT REPORTING MANUAL

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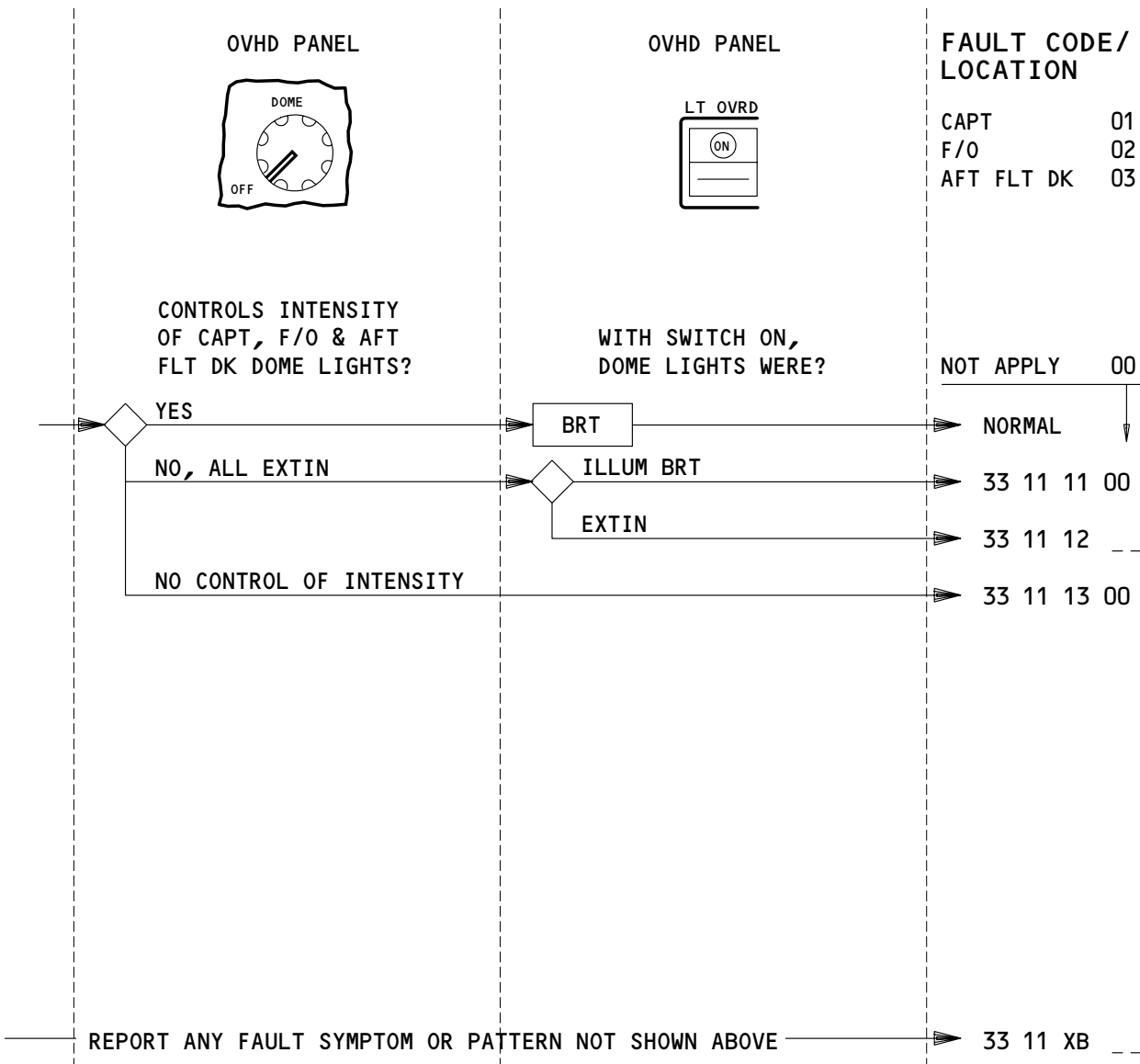
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

DOME LIGHTS - FAULT CODES

EFFECTIVITY

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 11 11 00	CAPT, F/O & aft flt dk dome lgt would not illum using dome lgt switch but illum brt with lgt ovrd switch ON.
33 11 12 __	(01=CAPT, 02=F/O, 03=Aft flt dk) dome lgt would not illum using dome lgt switch or with lgt ovrd switch ON.
33 11 13 00	CAPT, F/O & Aft flt dk dome lgt intensity could not be controlled with dome lgt switch.
33 11 XB __	Report dome lights symptoms or patterns along with fault code.

DOME LIGHTS - LOG BOOK REPORTS

EFFECTIVITY

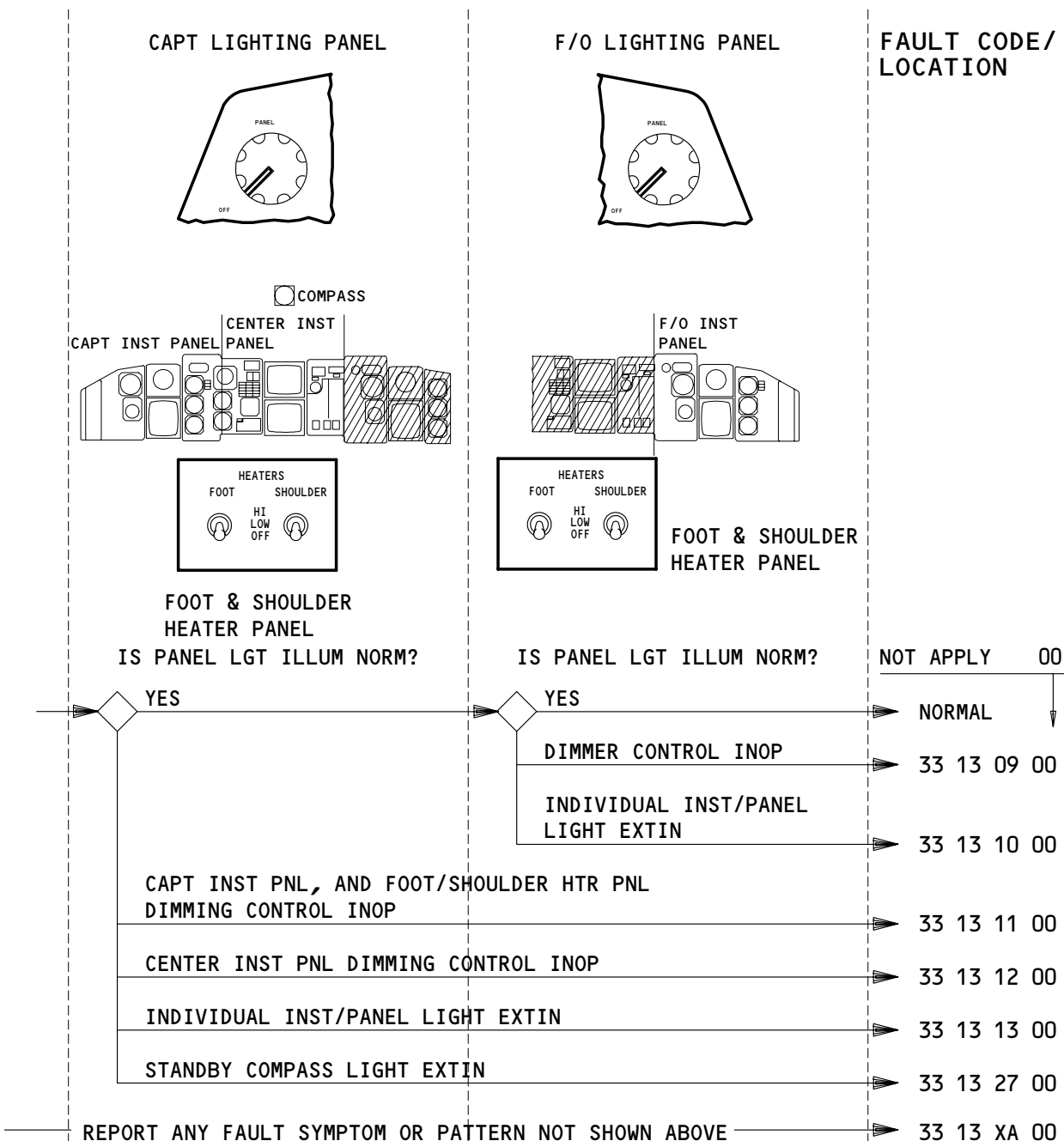
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

- 11P2 INSTRUMENT & PANEL CAPT
- 11P28 INSTRUMENT & PANEL F/O

PILOTS INSTRUMENT/MISC PANEL LIGHTING – FAULT CODES

EFFECTIVITY	
ALL	03

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 13 09 00	F/O inst and pnl lgt dimmer control inop.
33 13 10 00	F/O inst panel (state location) lgt extin.
33 13 11 00	Capt inst pnl and foot shoulder heater panel dimmer control inop.
33 13 12 00	Center inst pnl dimmer control inop.
33 13 13 00	Capt inst panel (state location) lgt extin.
33 13 27 00	Standby compass lgt extin.
33 13 XA 00	Report pilots instrument/misc panel lighting symptoms or patterns along with fault code.

PILOTS INSTRUMENT/MISC PANEL LIGHTING - LOG BOOK REPORTS

EFFECTIVITY

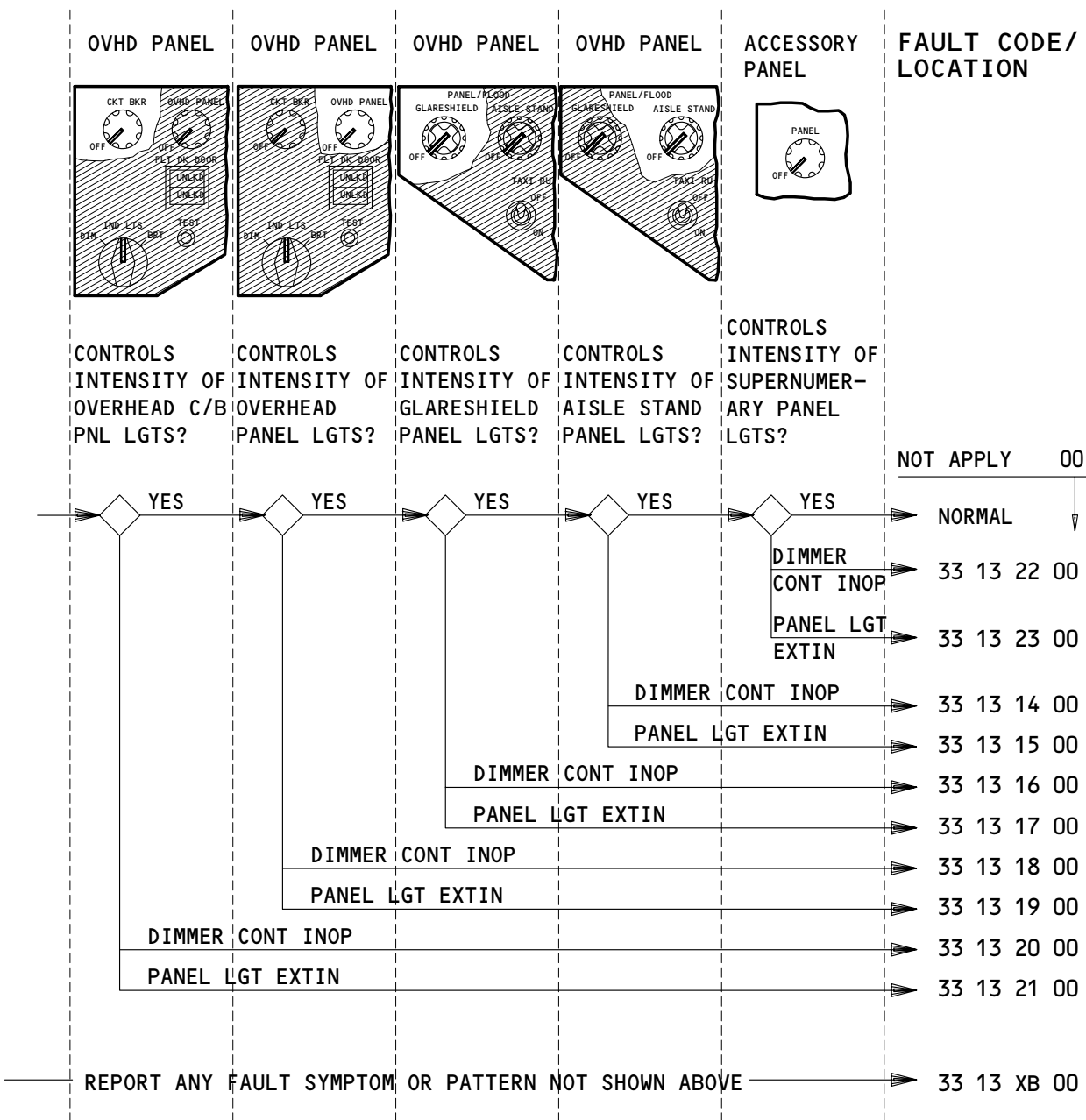
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11B7	LIGHTS(-)STBY INSTR	11P4	INSTRUMENT & PANEL OVHD (C/B, CB)
11P1	INSTRUMENT & PANEL AISLE STAND	11P28	INSTRUMENT & PANEL F/O
11P3	INSTRUMENT & PANEL OVHD	11P30	INSTRUMENT & PANEL GLARESHIELD

OVERHEAD, GLARESHIELD, AISLE STAND AND SUPERNUMERARY PANEL LIGHTS - FAULT CODES

EFFECTIVITY	
ALL	

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 13 22 00	Supernumerary panel lgts dimmer control inop.
33 13 23 00	Supernumerary panel lgt (state location) extin.
33 13 14 00	Aisle stand panel lgts dimmer control inop.
33 13 15 00	Aisle stand panel lgt (state location) extin.
33 13 16 00	Glareshield panel lgts dimmer control inop.
33 13 17 00	Glareshield panel lgt (state location) extin.
33 13 18 00	Overhead panel lgts dimmer control inop.
33 13 19 00	Overhead panel lgt (state location) extin.
33 13 20 00	Overhead CB panel lgts dimmer control inop.
33 13 21 00	Overhead CB panel lgt (state location) extin.
33 13 XB 00	Report overhead, glareshield, aisle stand and supernumerary panel lights symptoms and patterns along with fault code.

OVERHEAD, GLARESHIELD, AISLE STAND AND SUPERNUMERARY
PANEL LIGHTS – LOG BOOK REPORTS

EFFECTIVITY

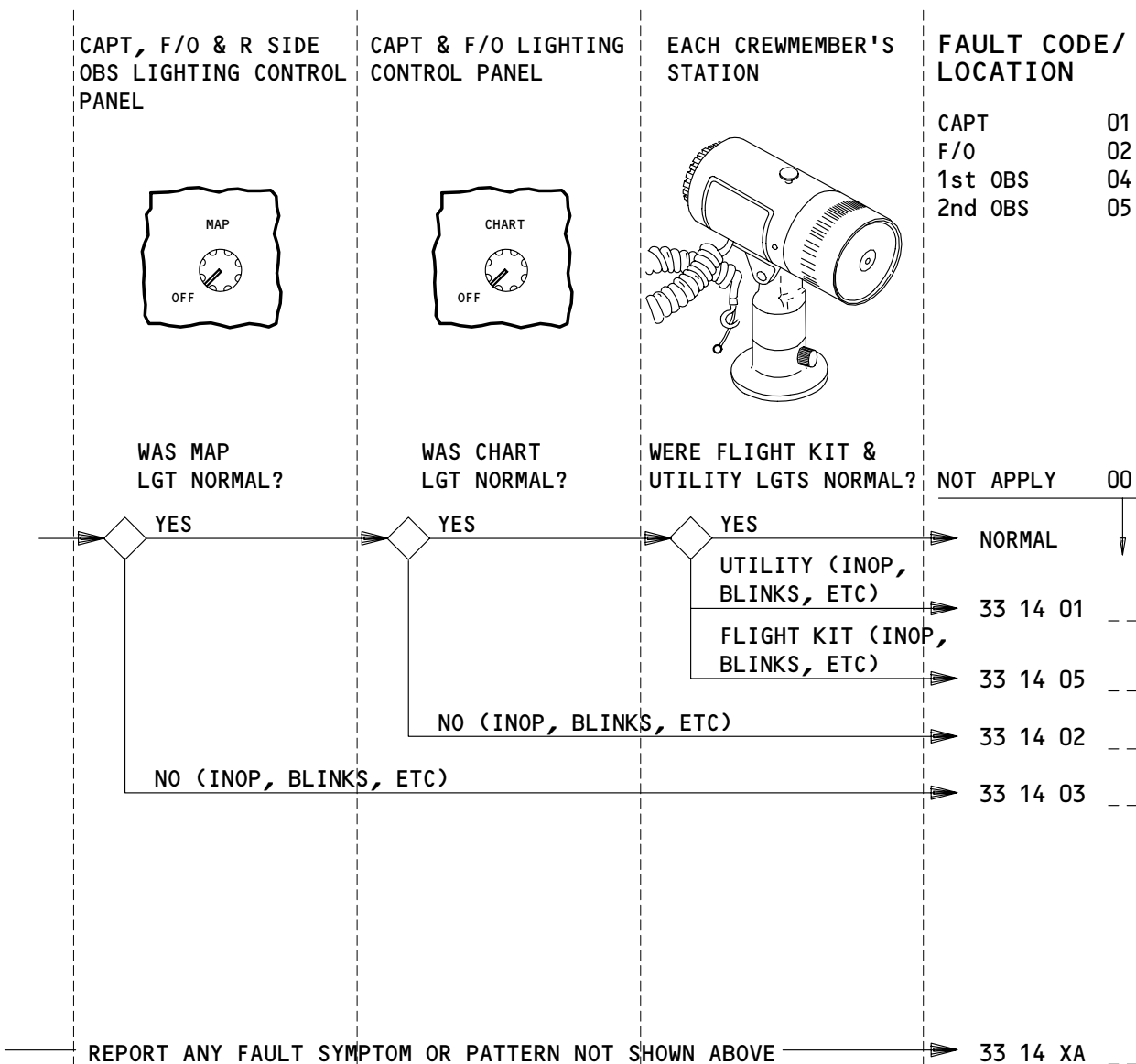
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11P8	CHART
11P31	MAP
11P32	UTILITY

MAP, CHART, FLIGHT KIT/UTILITY LIGHTS - FAULT CODES

EFFECTIVITY

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05

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 14 01 __	(04=1st obs, 05=2nd obs) utility lgt (inop, blinks, etc).
33 14 05 __	(01=CAPT, 02=F/O) flight kit lgt (inop, blinks, etc).
33 14 02 __	(01=CAPT, 02=F/O) chart lgt (inop, blinks, etc).
33 14 03 __	(01=CAPT, 02=F/O, 04=1s Obs) map lgt (inop, blinks, etc).
33 14 XA __	Report map, chart, flight kit/utility, lgt symptoms or patterns along with fault code.

MAP, CHART, FLIGHT KIT/
UTILITY LIGHTS - LOG BOOK REPORTS

EFFECTIVITY

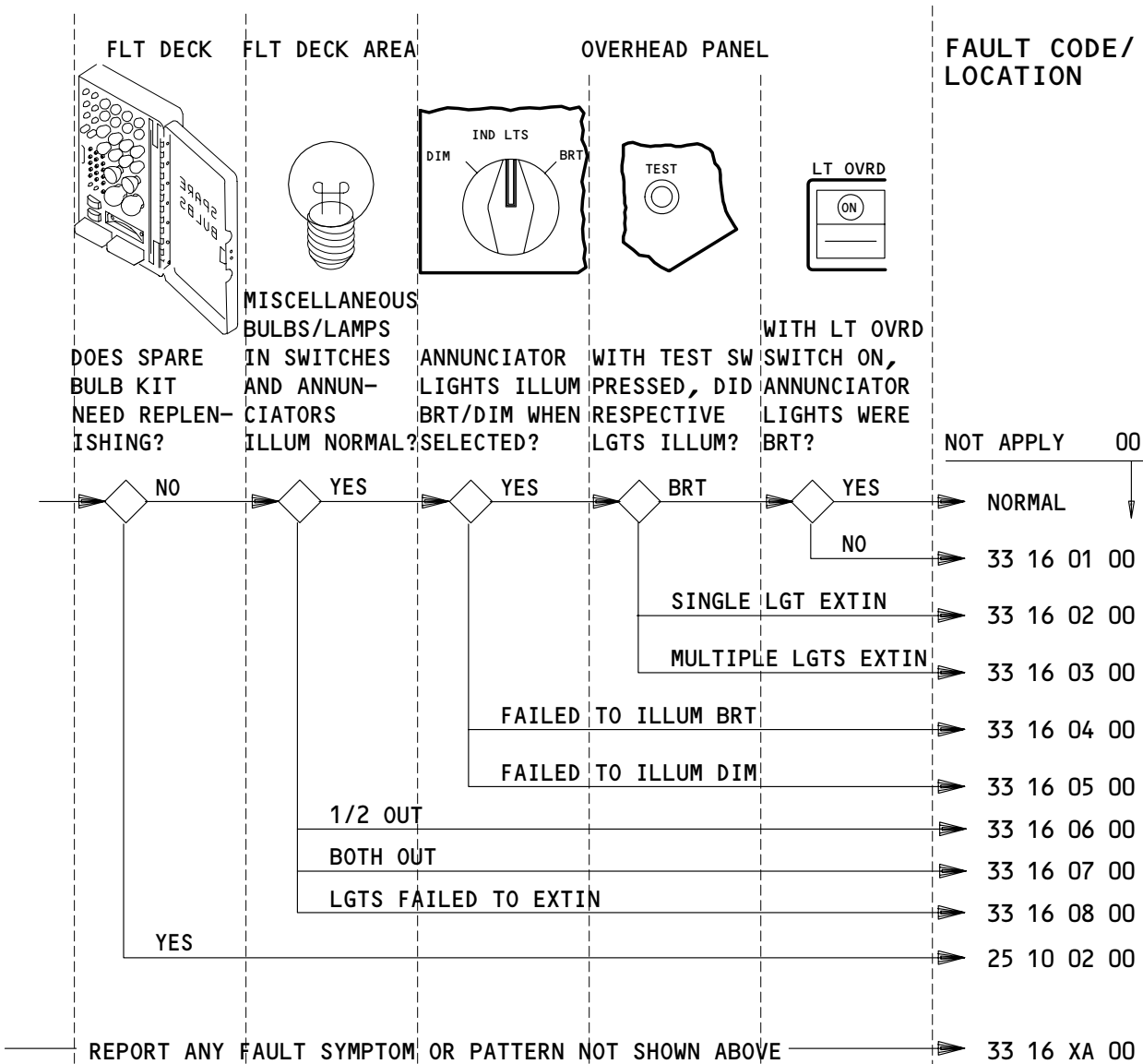
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11A32	IND LIGHTS TEST	11R3	LEFT IND LTS 3
11A33	IND LIGHTS 1	11R5	IND LTS DIM CONT
11A34	IND LIGHTS 2	11R28	RIGHT IND LTS 1
11A35	IND LIGHTS 3	11R29	RIGHT IND LTS 2
11R1	LEFT IND LTS 1	11R30	RIGHT IND LTS 3
11R2	LEFT IND LTS 2		

MISCELLANEOUS BULBS/MASTER DIM AND TEST - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 16 01 00	Annunciator lgts illum dim with lgt ovrđ switch ON.
33 16 02 00	Single lgt extin with ind lts test switch pressed. (Specify lgt)
33 16 03 00	Multiple lgts extin with ind lts test switch pressed. (Specify inop lgts)
33 16 04 00	Annunciator lgts failed to illum brt with ind lts selector switch in BRT.
33 16 05 00	With ind lts selector switch in DIM and annunciator lgts failed to illum dim.
33 16 06 00	Single bulb inop in _____. (identify switch, annunciator or other)
33 16 07 00	Both bulbs inop in _____. (identify switch, annunciator or other)
33 16 08 00	Several lgts (identify) failed to extin.
25 10 02 00	Spare bulb kit needs replenishing.
33 16 XA 00	Report miscellaneous bulbs/master dim and test symptoms or patterns along with fault code.

MISCELLANEOUS BULBS/MASTER DIM AND TEST – LOG BOOK REPORTS

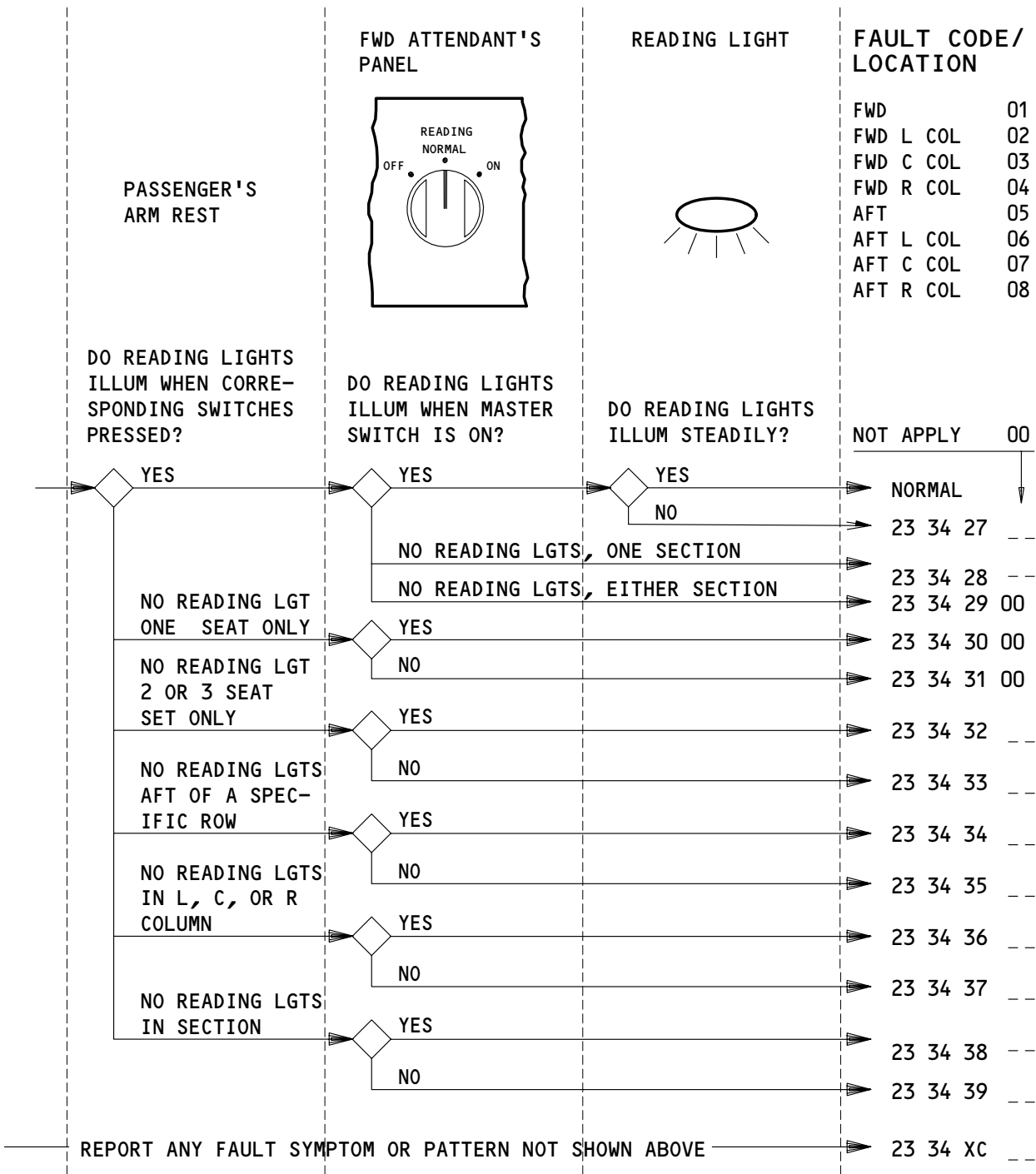
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EFFECTIVITY
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11T8 PASS ENTMT/SERVICE CONT

READING LIGHTS - FAULT CODES

EFFECTIVITY	
ALL	03

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
23 34 27 --	(02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Aft L, 07=Aft C, 08=Aft R) column reading lgts blink.
23 34 28 --	Master reading lgt switch fails to illum lgts in (01=Fwd, 05=Aft) section.
23 34 29 00	Master reading lgt switch fails to illum lgts in both sections.
23 34 30 00	Reading lgt at seat ____ inop with seat switch. Master switch is normal.
23 34 31 00	Reading lgt at seat ____ inop with both seat switch and master switch.
23 34 32 --	In (02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Aft L, 07=Aft C, 08=Aft R) column, reading lgts in row ____ inop with seat switches. Master switch is normal.
23 34 33 --	In (02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Aft L, 07=Aft C, 08=Aft R) column, reading lgts in row ____ inop with seat switches and master switch.
23 34 34 --	In (02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Aft L, 07=Aft C, 08=Aft R) column, reading lgts in row ____ and aft inop with seat switches. Master switch is normal.
23 34 35 --	In (02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Aft L, 07=Aft C, 08=Aft R) column, reading lgts in row ____ and aft inop with seat switches and master switch.
23 34 36 --	In (02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Aft L, 07=Aft C, 08=Aft R) column, all reading lgts inop with seat switches. Master switch is normal.
23 34 37 --	In (02=Fwd L, 03=Fwd C, 04=Fwd R, 06=Aft L, 07=Aft C, 08=Aft R) column, all reading lgts inop with seat switches and master switch.
23 34 38 --	Reading lgts in (01=Fwd, 05=Aft) section inop with seat switches. Master switch is normal.
23 34 39 --	Reading lgts in (01=Fwd, 05=Aft) section inop with seat switches and master switch.
23 34 XC --	Report reading lights symptoms or patterns along with fault code.

READING LIGHTS - LOG BOOK REPORTS

EFFECTIVITY

ALL

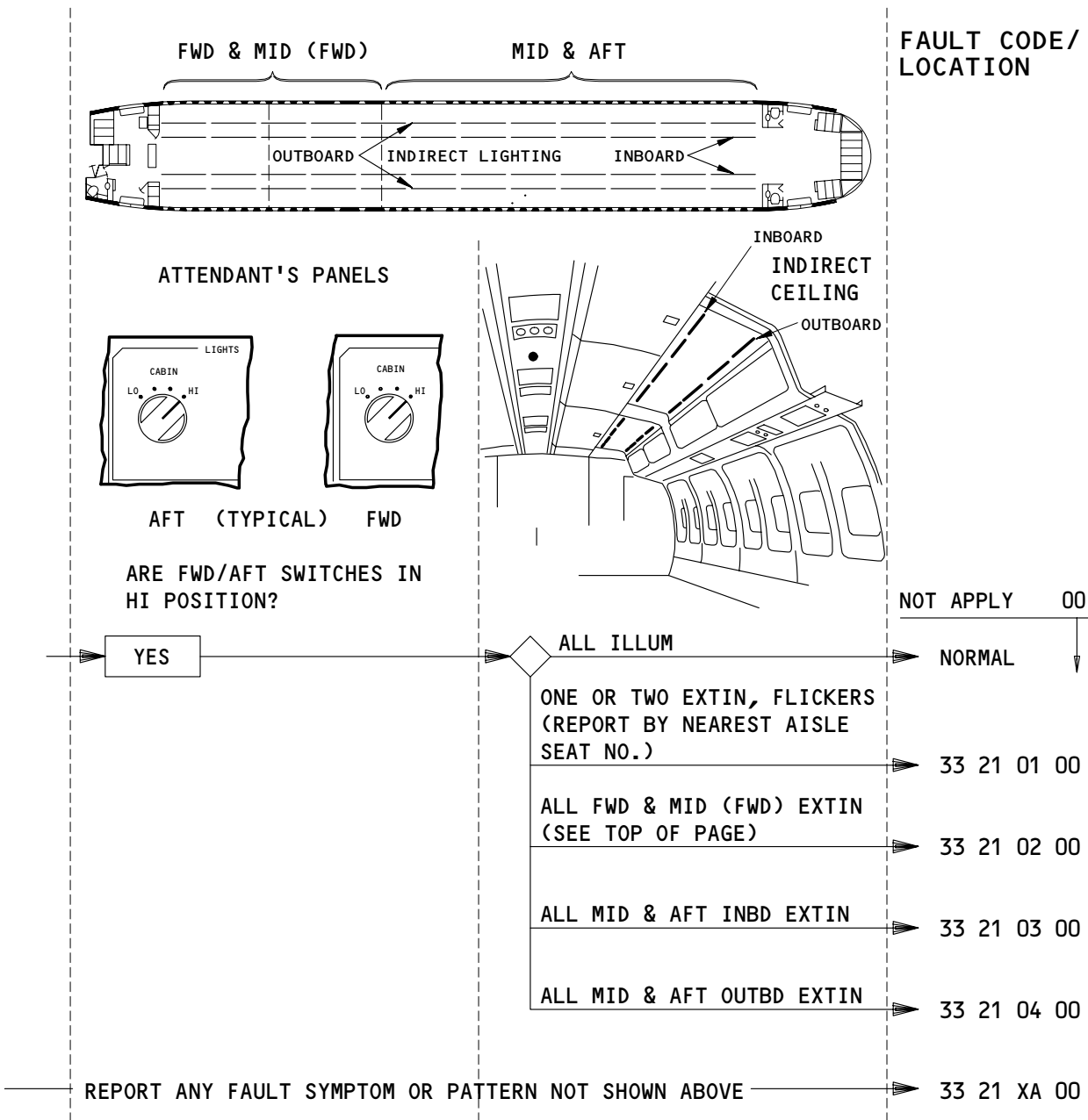
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

FWD EQUIPMENT CENTER

INDIRECT CEILING LIGHTS - FAULT CODES

EFFECTIVITY

ALL

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LIGHTS

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 21 01 00	One or two lgts extin or flickers. (Report by nearest aisle seat no.)
33 21 02 00	All fwd and mid fwd lgts extin.
33 21 03 00	All mid and aft inbd lgts extin.
33 21 04 00	All mid and aft outbd lgts extin.
33 21 XA 00	Report indirect ceiling lights symptoms or patterns along with fault code.

INDIRECT CEILING LIGHTS – LOG BOOK REPORTS

30211

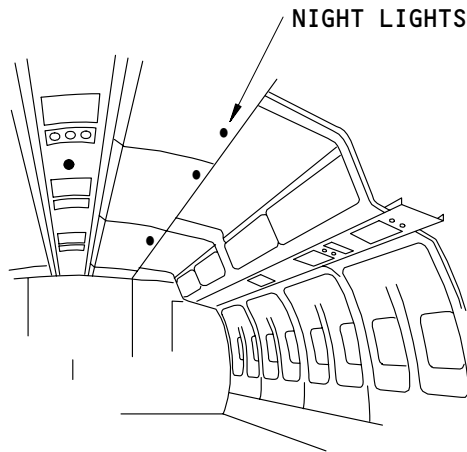
EFFECTIVITY

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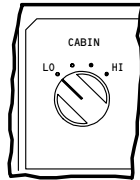
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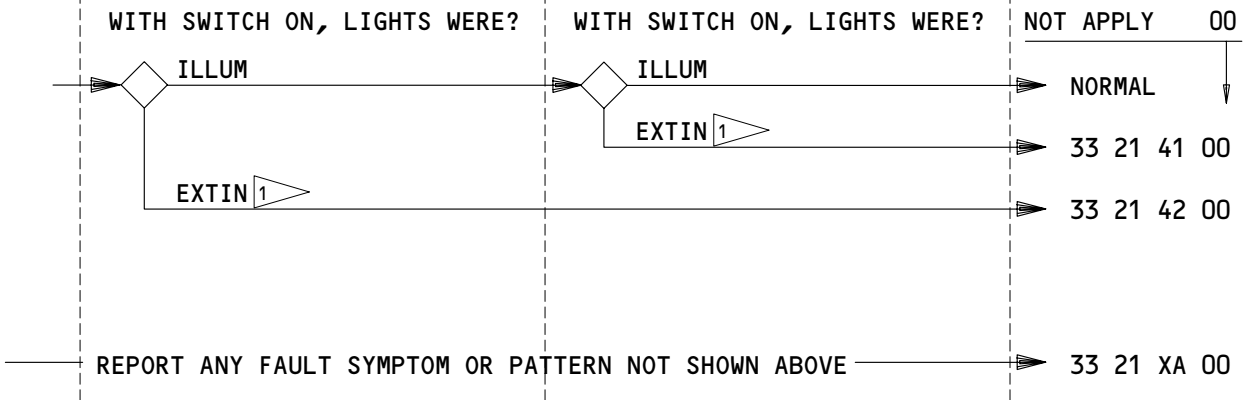
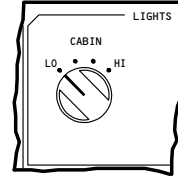


FAULT CODE/
 LOCATION

FORWARD ATTENDANT
 CONTROL PANEL



AFT ATTENDANT
 CONTROL PANEL



1 NIGHT LIGHTS WILL ILLUMINATE ONLY WITH ATTENDANT'S CONTROL PANEL SWITCH IN LO.

APPLICABLE CIRCUIT BREAKERS

11R32 NIGHT FWD

NIGHT LIGHTS - FAULT CODES

EFFECTIVITY

ALL

LIGHTS

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

33 21 41 00	Night light(s) extin (specifiy location) with aft attendant panel light switch ON.
33 21 42 00	Night light(s) extin (specifiy location) with fwd attendant panel light switch ON.
33 21 XA 00	Report night lights symptoms or patterns along with fault code.

NIGHT LIGHTS - LOG BOOK REPORTS

EFFECTIVITY

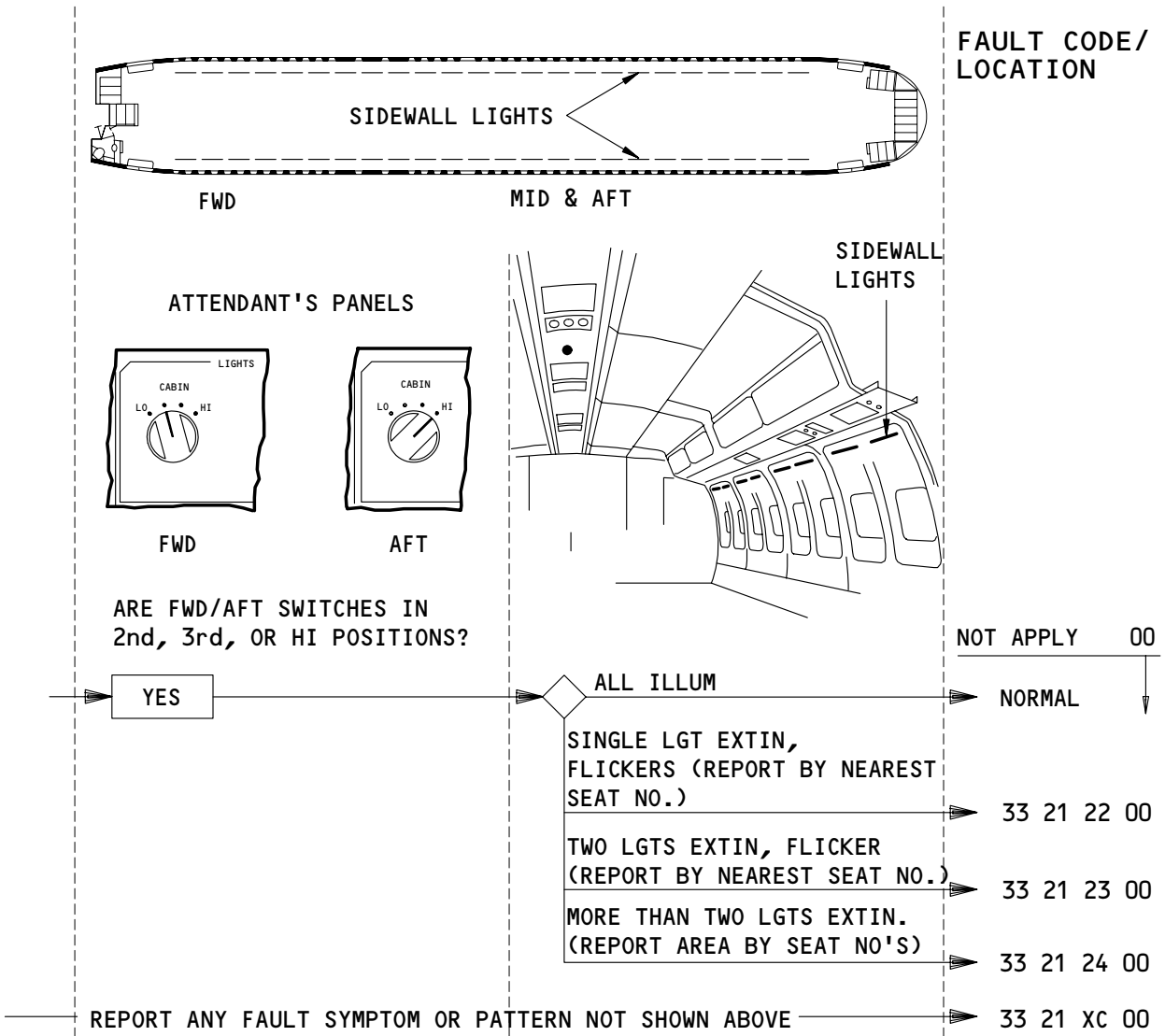
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LIGHTS

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

NONE

SIDEWALL WASHLIGHTS - FAULT CODES

EFFECTIVITY

ALL

03

LIGHTS

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 AUG 22/00

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 21 22 00	Single sidewall washlight extin or flickers. (Report by nearest seat no.)
33 21 23 00	Two sidewall washlights extin, flicker (Report by nearest seat no.)
33 21 24 00	More than two sidewall washlights extin. (Report by area seat no's.)
33 21 XC 00	Report sidewall washlights symptoms or patterns along with fault code.

SIDEWALL WASHLIGHTS – LOG BOOK REPORTS

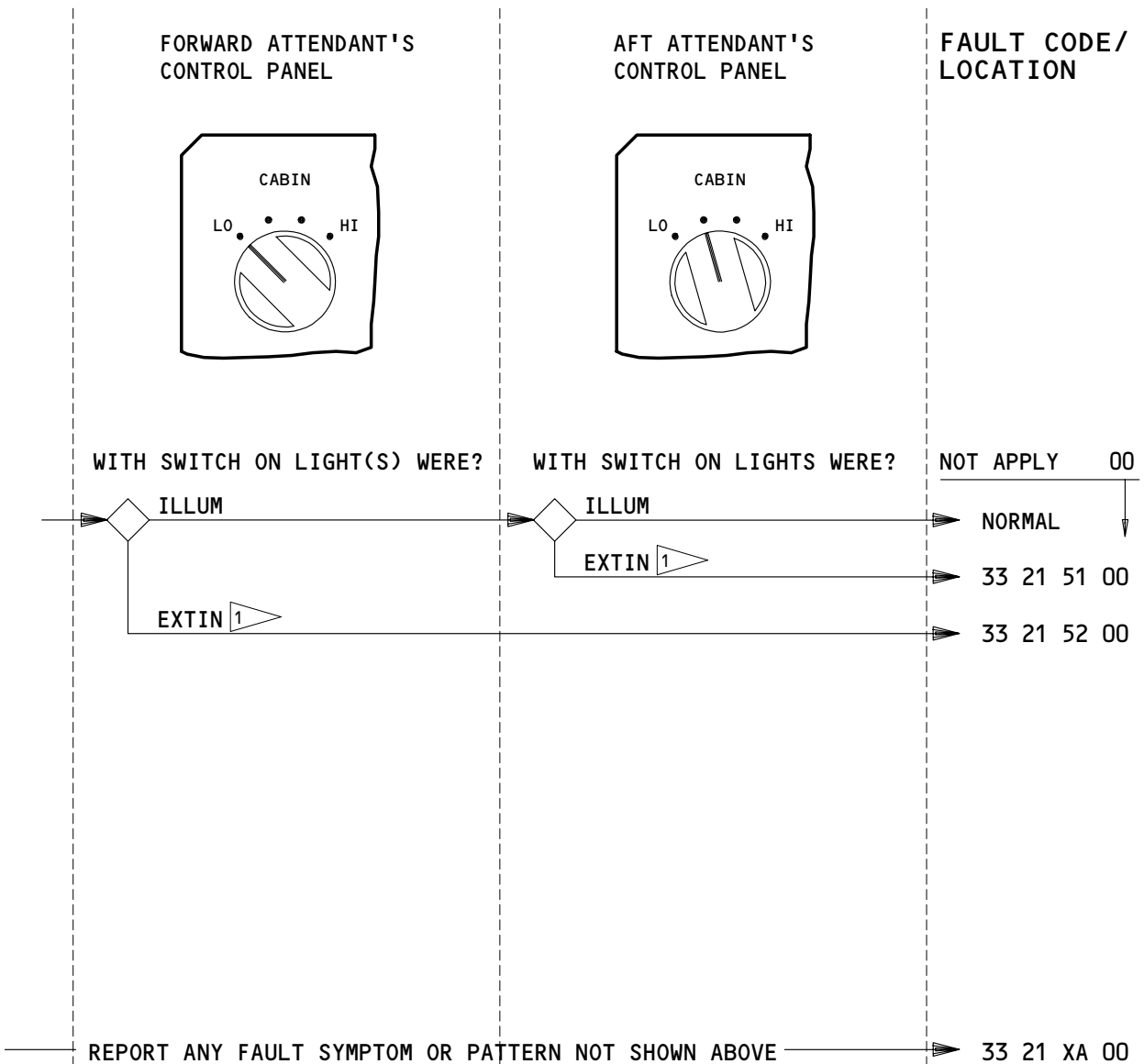
EFFECTIVITY

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FAULT REPORTING MANUAL



1 CHECK LIGHT IN EACH OF THE FOUR SWITCH POSITIONS. IT IS NORMAL FOR A LIGHT TO REMAIN EXTINGUISHED IN ONE OR TWO OR THREE OF THE SWITCH POSITIONS BUT NOT ALL FOUR. THE FLIGHT DECK DOOR MUST BE CLOSED FOR THE FORWARD MOST LIGHT TO ILLUMINATE.

APPLICABLE CIRCUIT BREAKERS

11R32 NIGHT FWD

FWD EQUIPMENT CENTER

DIRECT CEILING LIGHTS - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | 33 21 51 00 Direct ceiling light(s) extin (report location by nearest seat no.)
with aft attendant panel light switch ON.
- | 33 21 52 00 Direct ceiling light(s) extin (report location by nearest seat no.)
with fwd attendant panel light switch ON.

- 33 21 XA 00 Report direct ceiling lights symptoms or patterns along with fault code.

DIRECT CEILING LIGHTS - LOG BOOK REPORTS

EFFECTIVITY

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FAULT REPORTING MANUAL

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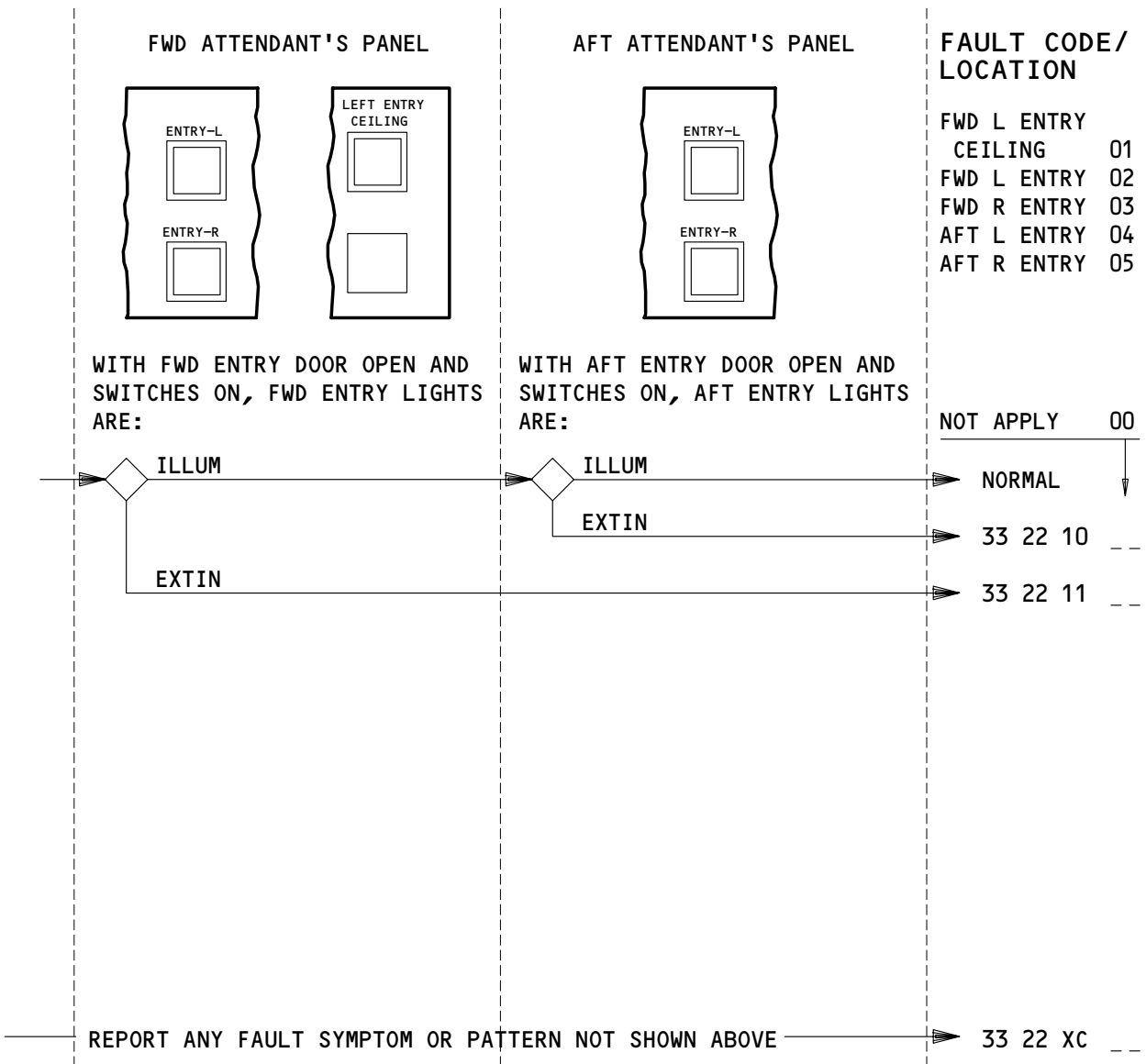
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

FWD EQUIP CTR

11U28 ENT LTS POT WATER

THRESHOLD ENTRY LIGHTS – FAULT CODES

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

33 22 10 __ (04=Aft L, 05=Aft R) entry lgt extin with lgt switch ON.

33 22 11 __ (01=Fwd L entry ceiling, 02=Fwd L entry, 03=Fwd R entry) lgt extin
with lgt switch ON.

| 33 22 XC __ Report threshold entry lights symptoms or patterns along with fault
code.

THRESHOLD ENTRY LIGHTS - LOG BOOK REPORTS

EFFECTIVITY

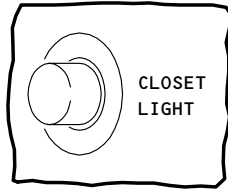
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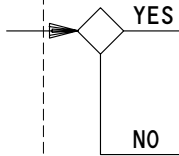
BOEING 767
FAULT REPORTING MANUAL

CLOSET LIGHTS



FAULT CODE/
 LOCATION

DID LGT(S) ILLUM?



NOT APPLY 00

NORMAL

33 22 29 00

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE

33 22 XD 00

APPLICABLE CIRCUIT BREAKERS

NONE

CLOSET LIGHTS - FAULT CODES

EFFECTIVITY

ALL

04

LIGHTS

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

| 33 22 29 00 (Report location by nearest seat no.) closet lgts will not illum.

| 33 22 XD 00 Report closet lights symptoms or patterns along with fault code.

CLOSET LIGHTS - LOG BOOK REPORTS

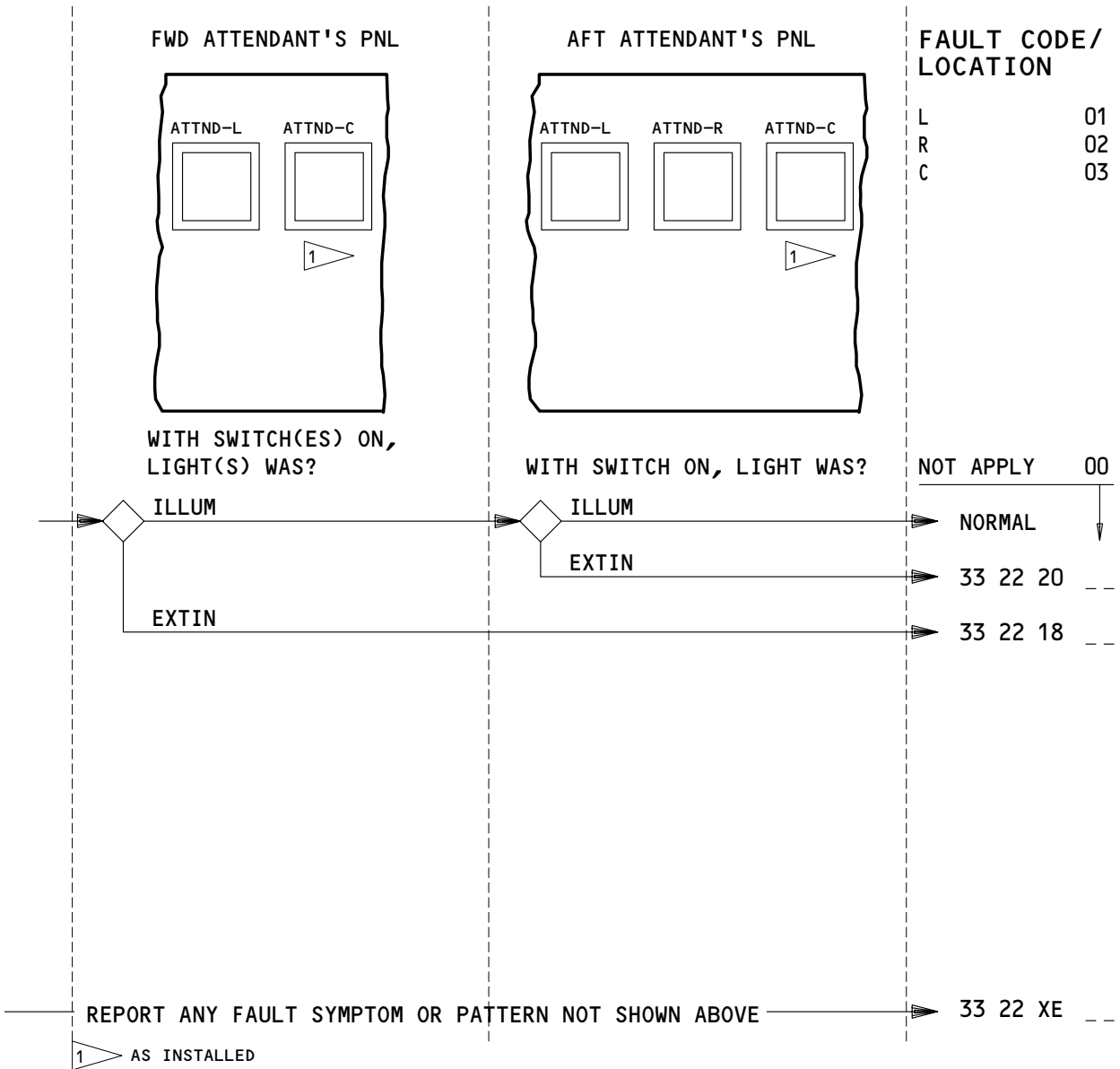
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS
FWD EQUIPMENT CENTER

ATTENDANT'S WORK LIGHTS - FAULT CODES

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

33 22 20 __ Aft (01=L, 02=R, 03=C) attendant's work lgt(s) extin with switch ON.

33 22 18 __ Fwd (01=L, 03=C) attendant's work lgt extin with switch ON.

33 22 XE __ Report attendant's work lights symptoms or patterns along with fault code.

ATTENDANT'S WORK LIGHTS - LOG BOOK REPORTS

EFFECTIVITY

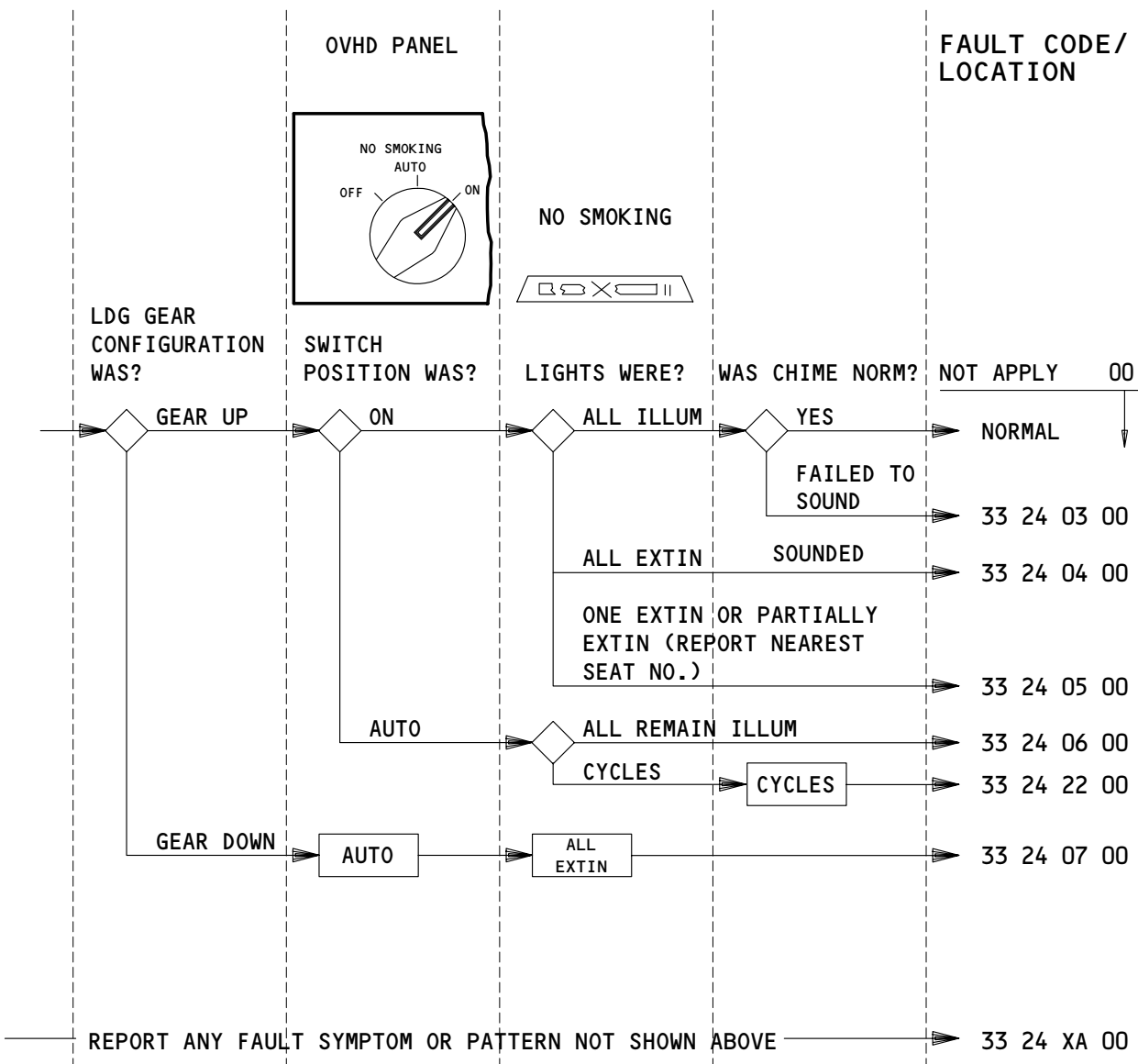
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11P9 PASS SIGN CONT

NO SMOKING LIGHTS – FAULT CODES

EFFECTIVITY

ALL

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LIGHTS

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 24 03 00	When switch ON, no smoking lgts illum. Chime failed to sound.
33 24 04 00	When switch ON, all no smoking lgts remained extin.
33 24 05 00	When switch ON no smoking lgt at (report nearest seat no.) failed to illum.
33 24 06 00	With switch in AUTO, and landing gear retracted, all no smoking lgts fail to extin.
33 24 22 00	With no smoking sw in AUTO and landing gear retracted, no smoking signs and chime cycled on and off.
33 24 07 00	With switch in AUTO, and ldg. gear extended, all no smoking lgts fail to illum.
33 24 XA 00	Report no smoking lights symptoms or patterns along with fault code.

NO SMOKING LIGHTS – LOG BOOK REPORTS

30300

EFFECTIVITY

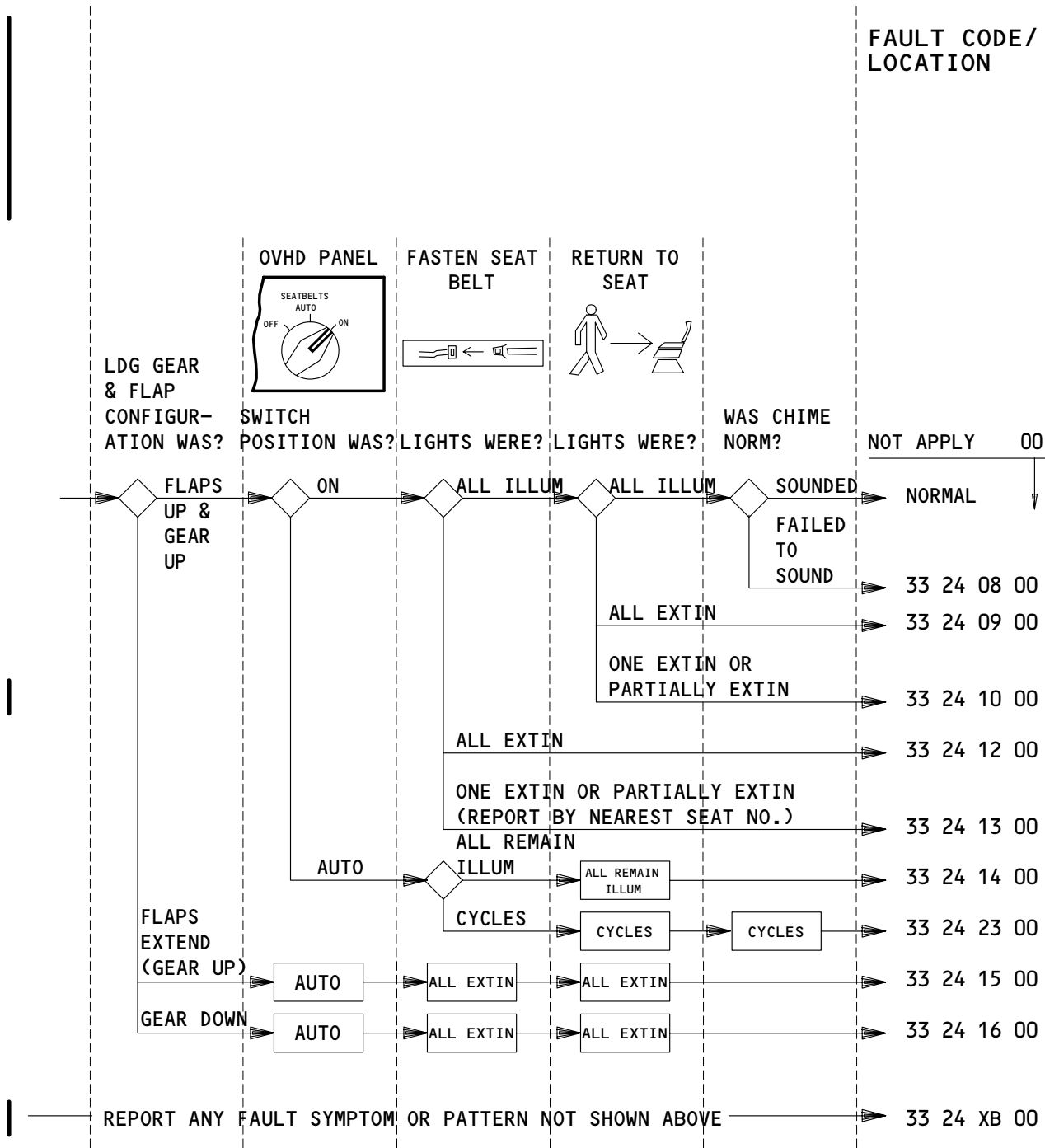
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11P9 PASS SIGN CONT

SEATBELTS/RETURN TO SEAT LIGHTS - FAULT CODES

EFFECTIVITY
ALL

03

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 24 08 00	Chime fails to sound when seatbelt lgts illum with switch ON.
33 24 09 00	RETURN TO SEAT lgts in all lavatories fail to illum with switch ON.
33 24 10 00	RETURN TO SEAT lgt in (specify lav location) lav is (extin, partially illum) with switch ON.
33 24 12 00	All fasten seatbelt lgts extin.
33 24 13 00	Fasten seatbelt lgt at seat No. ____ (extin, partially illum) with switch ON.
33 24 14 00	All seatbelt and all lav RETURN TO SEAT lgts remain illum with seatbelt sw in AUTO, flaps and landing gear up.
33 24 23 00	With seatbelts sw in AUTO and landing gear retracted, seatbelt signs and chimes cycle on and off.
33 24 15 00	All seatbelt and all lav RETURN TO SEAT lgts fail to illum with seatbelt sw in AUTO, flaps extended and landing gear up.
33 24 16 00	All seatbelt and all lav RETURN TO SEAT lgts fail to illum with seatbelt sw in AUTO, gear extended.
33 24 XB 00	Report seatbelts/return to seat lights symptoms or patterns along with fault code.

SEATBELTS/RETURN TO SEAT LIGHTS – LOG BOOK REPORTS

EFFECTIVITY

ALL

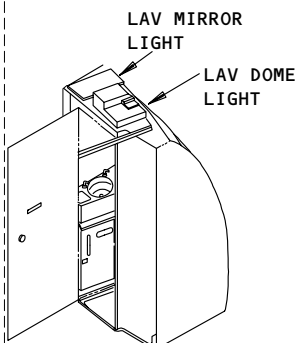
05

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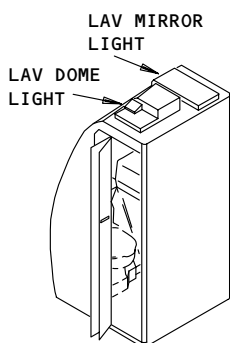
BOEING 767

FAULT REPORTING MANUAL

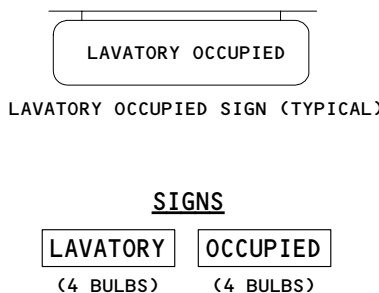
FORWARD LAVATORY (TYPICAL)



AFT LAVATORY (TYPICAL)



CEILING



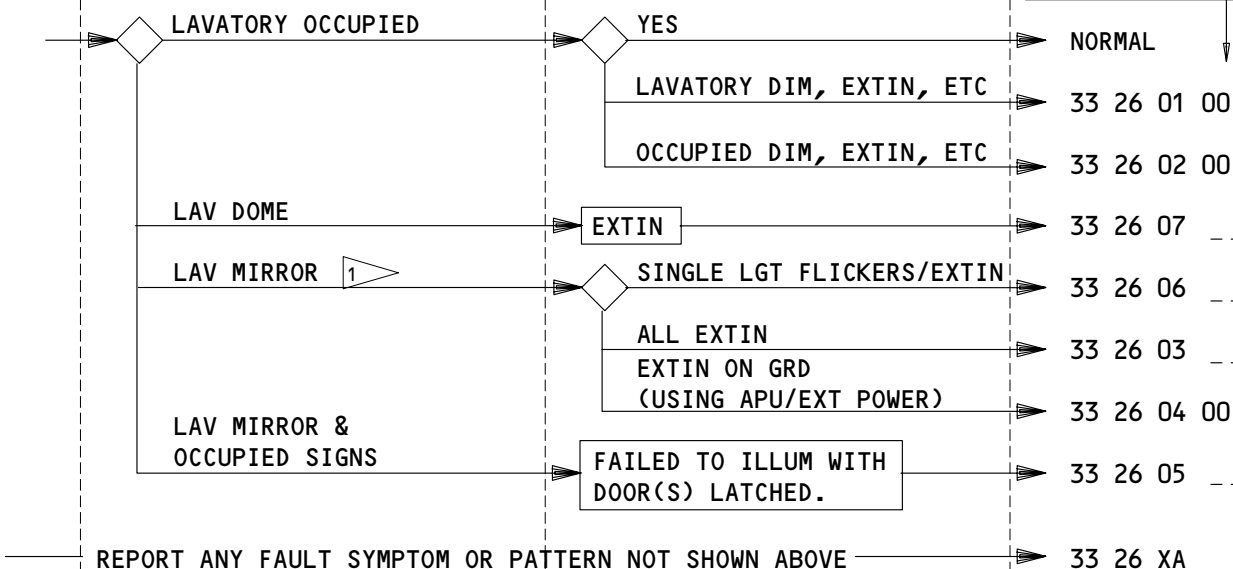
FAULT CODE/LOCATION

LAVATORIES	
F-1	01
MS-LF	28
MC-F	25
MS-RF	31
MS-LA	27
MC-A	24
MS-RA	30

IDENTIFY LAV LGT:

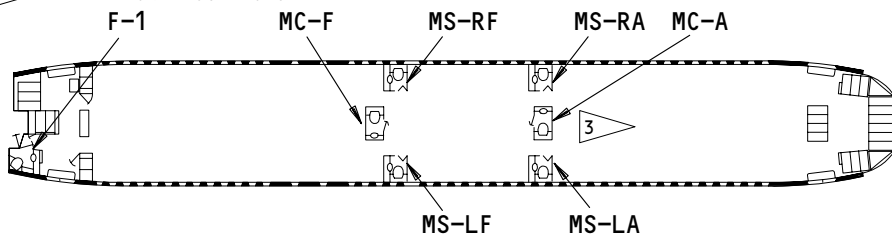
WERE LGTS NORMAL?

NOT APPLY 00



1 FWD LAV MIRROR HAS 3 FLUORESCENT LAMPS. ALL OTHER LAVS HAVE 2 FLUORESCENT LAMPS. 3 -300 AIRPLANES

2 LAVATORY LOCATIONS



APPLICABLE CIRCUIT BREAKERS

11R7	LAV SYS 1 LIGHTS	11R34	LAV SYS 2 LIGHTS
11R9	LAV SYS 1 MIRROR	11R36	LAV SYS 2 MIRROR

LAVATORY LIGHTS - FAULT CODES

EFFECTIVITY
SAS AIRPLANES

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 26 01 00	LAVATORY sign lgt (specify location or seat no.) (failed to illum, dim, etc).
33 26 02 00	OCCUPIED sign lgt (specify location or seat no.) (failed to illum, dim, etc).
33 26 07 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav dome lgt inop.
33 26 06 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lavatory mirror lgt(s) (extin, flickers) with door switch latched.
33 26 03 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lav mirror lgts extin.
33 26 04 00	All lavatory mirror lgts extin on ground with engines not running.
33 26 05 --	(01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) lavatory mirror and OCCUPIED lgts do not illum with door latched.
33 26 XA --	Report lavatory lights symptoms or patterns along with fault code.

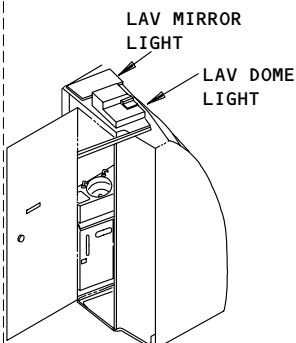
LAVATORY LIGHTS – LOG BOOK REPORTS

EFFECTIVITY
 SAS AIRPLANES

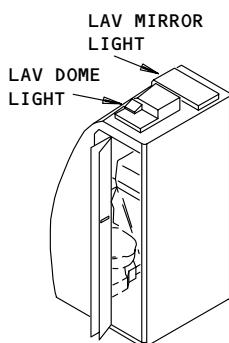
BOEING 767

FAULT REPORTING MANUAL

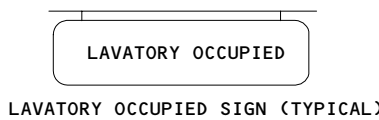
FORWARD LAVATORY (TYPICAL)



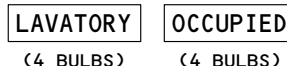
AFT LAVATORY (TYPICAL)



CEILING



SIGNS



FAULT CODE/ LOCATION

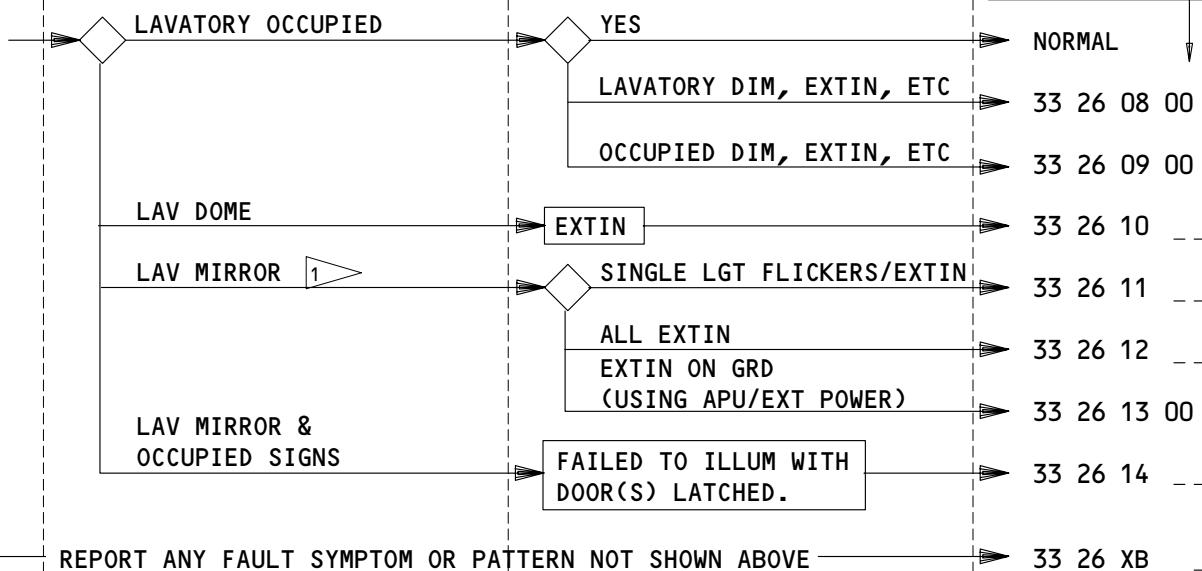
LAVATORIES ²

A	61
B	62
C	63
D	64
E	65
F	66

IDENTIFY LAV LGT:

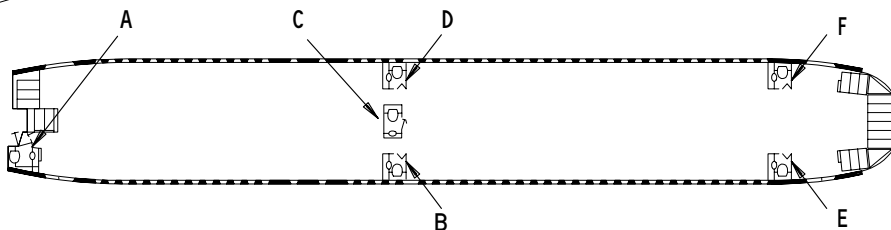
WERE LGTS NORMAL?

NOT APPLY 00



¹ FWD LAV MIRROR HAS 3 FLUORESCENT LAMPS. ALL OTHER LAVS HAVE 2 FLUORESCENT LAMPS.

² LAVATORY LOCATIONS



APPLICABLE CIRCUIT BREAKERS

11R7	LAV SYS 1 LIGHTS	11R34	LAV SYS 2 LIGHTS
11R9	LAV SYS 1 MIRROR	11R36	LAV SYS 2 MIRROR

LAVATORY LIGHTS - FAULT CODES

EFFECTIVITY
MTH AIRPLANES

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

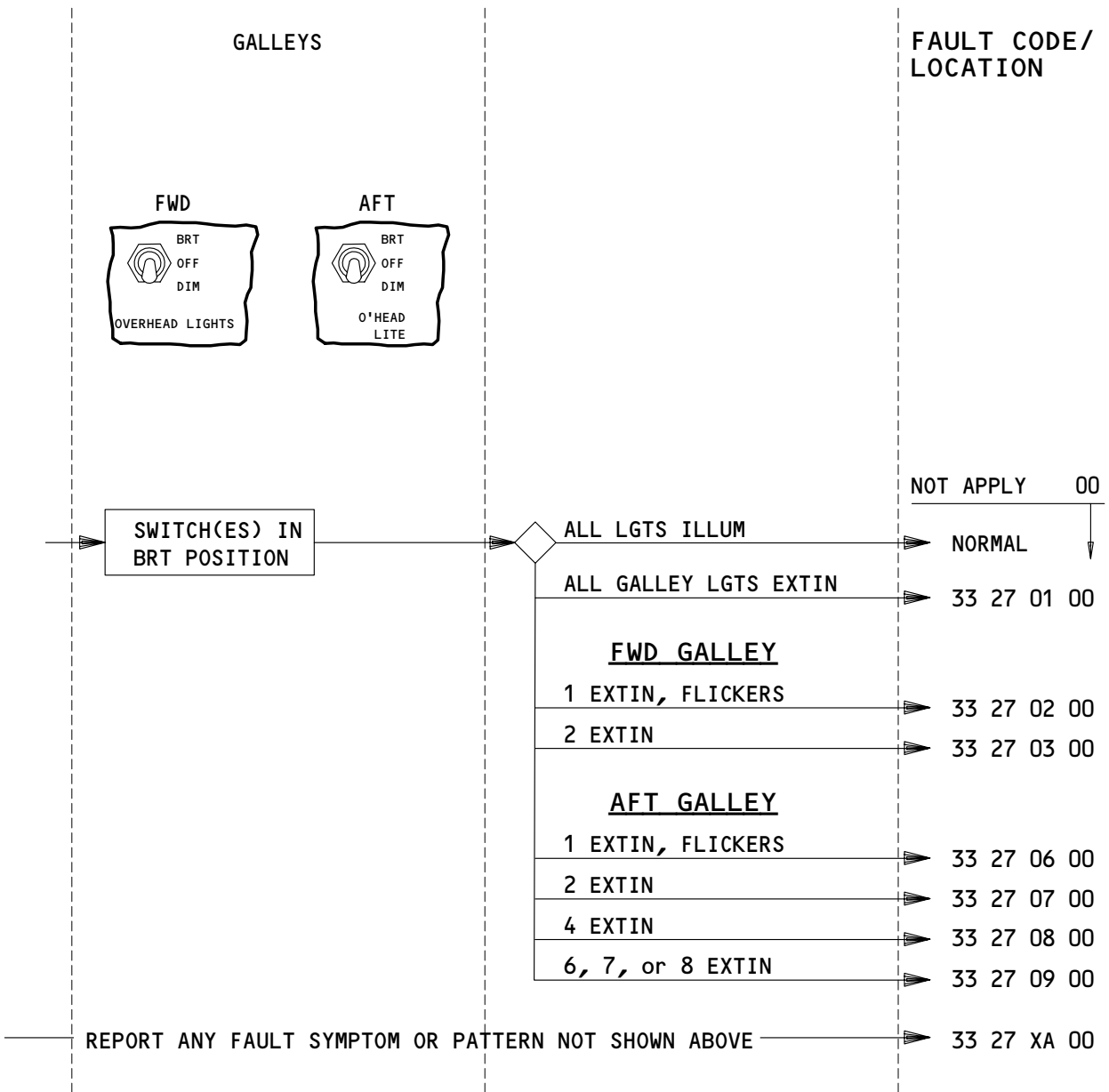
LOG BOOK REPORT

- 33 26 08 00 LAVATORY sign lgt (specify location or seat no.) (failed to illum, dim, etc).
- 33 26 09 00 OCCUPIED sign lgt (specify location or seat no.) (failed to illum, dim, etc).
- | 33 26 10 __ (61=A, 62=B, 63=C, 64=D, 65=E, 66=F) lav dome lgt inop.
- | 33 26 11 __ (61=A, 62=B, 63=C, 64=D, 65=E, 66=F) lavatory mirror lgt(s) (extin, flickers) with door switch latched.
- | 33 26 12 __ (61=A, 62=B, 63=C, 64=D, 65=E, 66=F) lav mirror lgts extin.
- 33 26 13 00 All lavatory mirror lgts extin on ground with engines not running.
- | 33 26 14 __ (61=A, 62=B, 63=C, 64=D, 65=E, 66=F) lavatory mirror and OCCUPIED lgts do not illum with door latched.
- 33 26 XB __ Report lavatory lights symptoms or patterns along with fault code.

LAVATORY LIGHTS – LOG BOOK REPORTS

EFFECTIVITY
MTH AIRPLANES

BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

FWD EQUIPMENT CENTER

GALLEY LIGHTS – FAULT CODES

EFFECTIVITY

ALL

12

LIGHTS

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 DEC 22/01

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 27 01 00	All galley lgts extin with all galley lgt switches BRT.
33 27 02 00	Single light in Fwd Galley extin or flickers with galley lgt switch BRT.
33 27 03 00	Both fwd galley lgts extin with galley lgt switch BRT.
33 27 06 00	One AFT galley lgt extin or flickers with galley lgt switch BRT.
33 27 07 00	Two AFT galley lgts extin with galley lgt switch BRT.
33 27 08 00	Four AFT galley lgts extin with galley lgt switch BRT.
33 27 09 00	(Six, seven, eight) aft galley lgts extin with galley lgt switch BRT.
33 27 XA 00	Report galley lights symptoms or patterns along with fault code.

GALLEY LIGHTS – LOG BOOK REPORTS

EFFECTIVITY

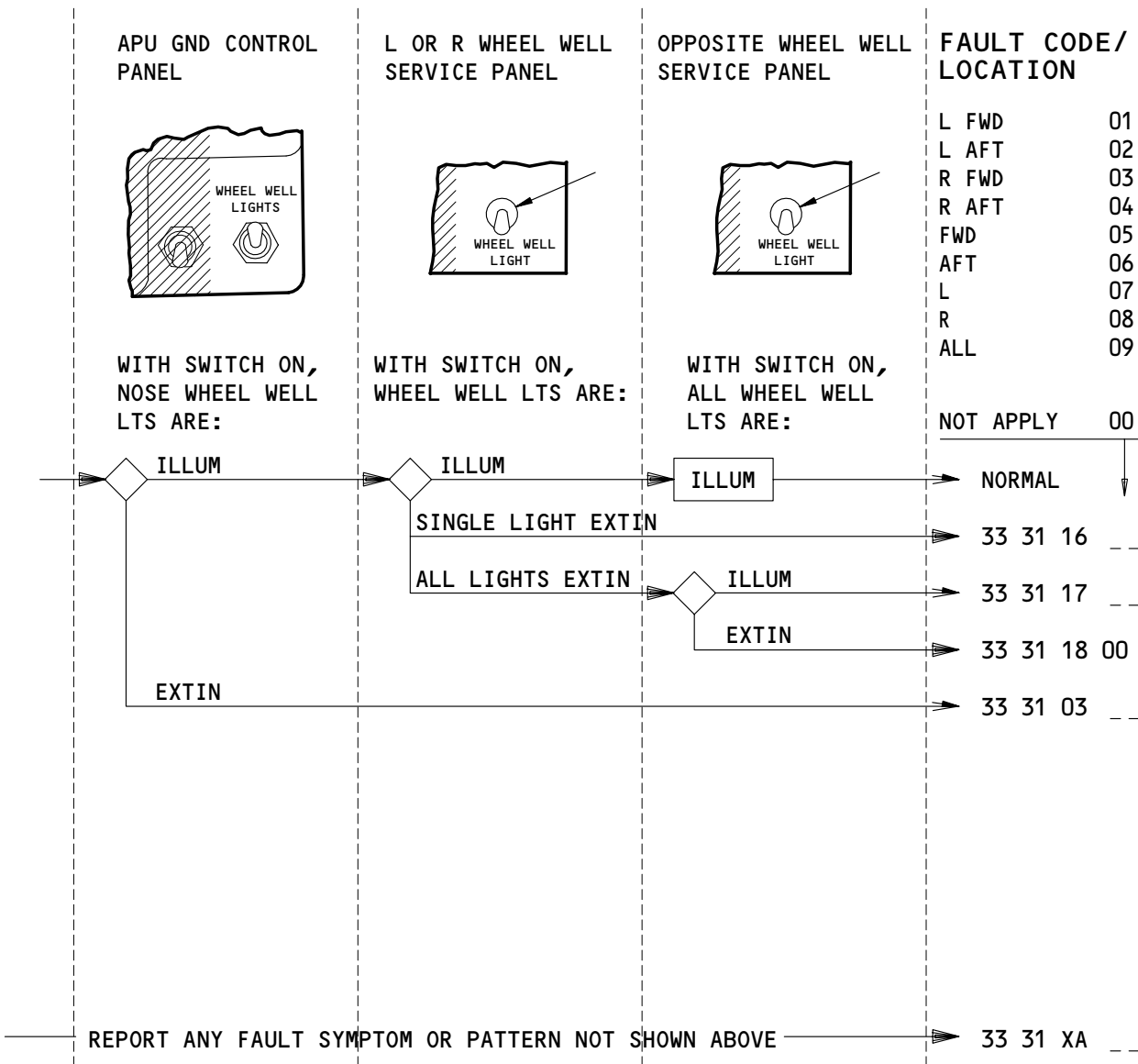
ALL

07

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

FWD EQUIPMENT CENTER

WHEEL WELL LIGHTS - FAULT CODES

EFFECTIVITY

ALL

03

LIGHTS

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FEB 01/85

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

33 31 16 __ (01=L fwd, 02=L aft, 03=R fwd, 04=R aft) wheel well lgt extin.

| 33 31 17 __ All wheel well lgts extin with (07=L, 08=R) wheel lgt switch ON. All lgts illum with opposite switch ON.

33 31 18 00 All wheel well lgts extin with both wheel well lgt switches ON.

| 33 31 03 __ (05=fwd, 06=aft, 09=all) nose wheel well lgts extin with switch ON.

33 31 XA __ Report wheel well lights symptoms and patterns along with fault code.

WHEEL WELL LIGHTS - LOG BOOK REPORTS

EFFECTIVITY

ALL

03

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 42 01 __	(01=L, 02=R, 03=BOTH) Taxi lgt failed to illum with switch ON.
33 41 01 __	(01=L, 02=R, 03=Both) wing lgts failed to illum with switch ON.
33 42 02 __	(01=L, 02=R, 03=Both) runway turnoff lgts failed to illum with switch ON.
33 42 03 __	(01=L, 02=R, 03=Both) nose gear landing lgts failed to illum with switch ON.
33 42 04 00	Wing landing lgts remained bright with landing gear retracted.
33 42 05 __	(01=L, 02=R, 03=Both) wing landing lgts failed to illum with switch ON.
33 41 XA __	Report landing, runway turnoff, wing and taxi lgts symptoms or patterns along with fault code.

LANDING, RUNWAY TURNOFF, WING AND TAXI LIGHTS - LOG BOOK REPORTS

EFFECTIVITY

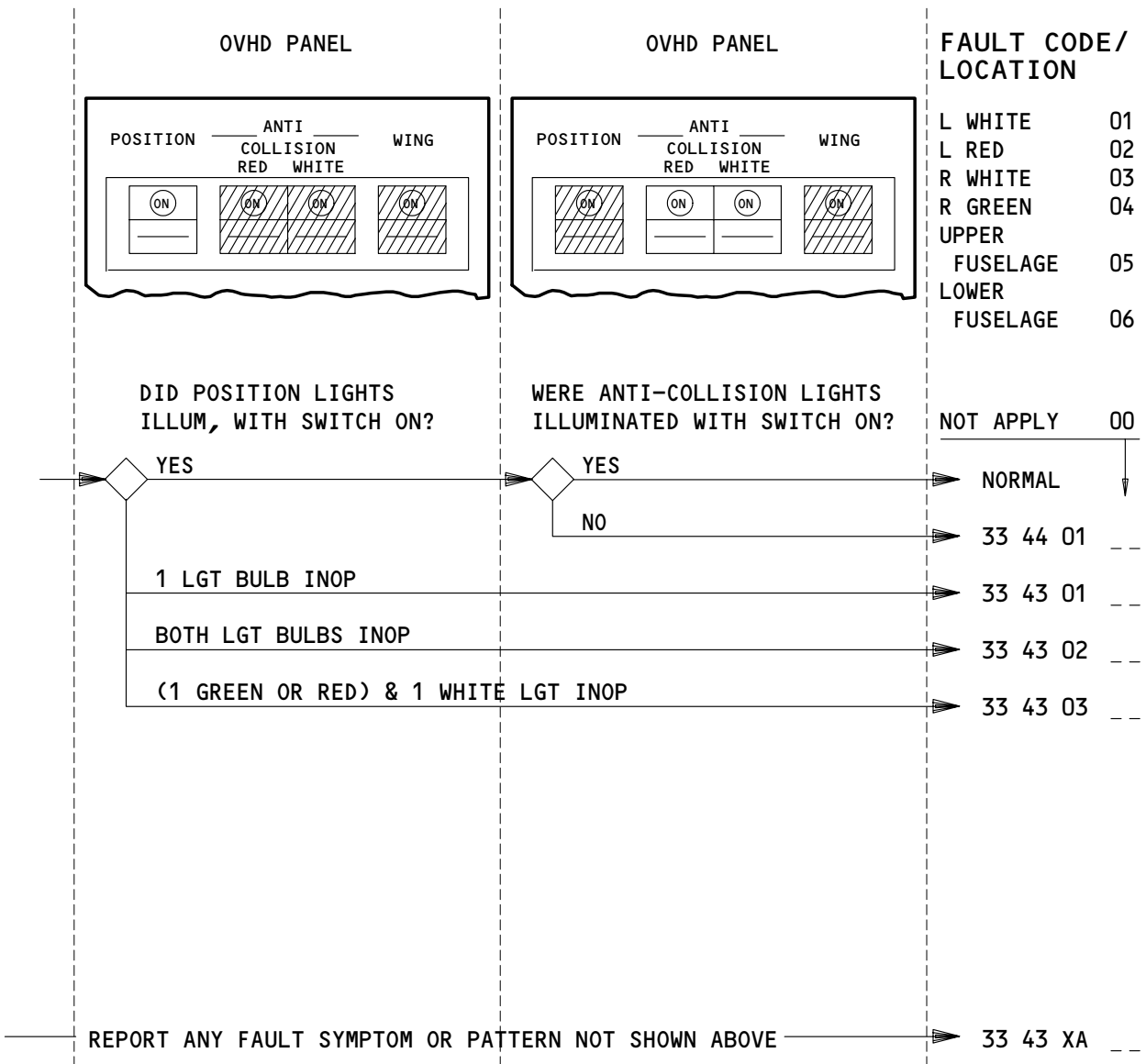
ALL

07

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11N7	ANTI COLL WHITE	11S28	POSITION L
11N34	ANTI COLL RED	11S30	POSITION R

POSITION AND ANTI-COLLISION LIGHTS - FAULT CODES

EFFECTIVITY

ALL

25

LIGHTS

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APR 22/00

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 44 01 --	(01=L white, 03=R white, 05=upper fuselage, 06=lower fuselage) anti-collision lgt(s) failed to illum .
33 43 01 --	One (01=L white, 02=L red, 03=R white, 04=R green) position lgt failed to illum.
33 43 02 --	Both (01=L white, 02=L red, 03=R white, 04=R green) position lgts failed to illum.
33 43 03 --	One (02=L red, 04=R green) and one white position lgt failed to illum.
33 43 XA --	Report position and anti collision lgt symptoms or patterns along with fault code.

POSITION AND ANTI-COLLISON LIGHTS - LOG BOOK REPORTS

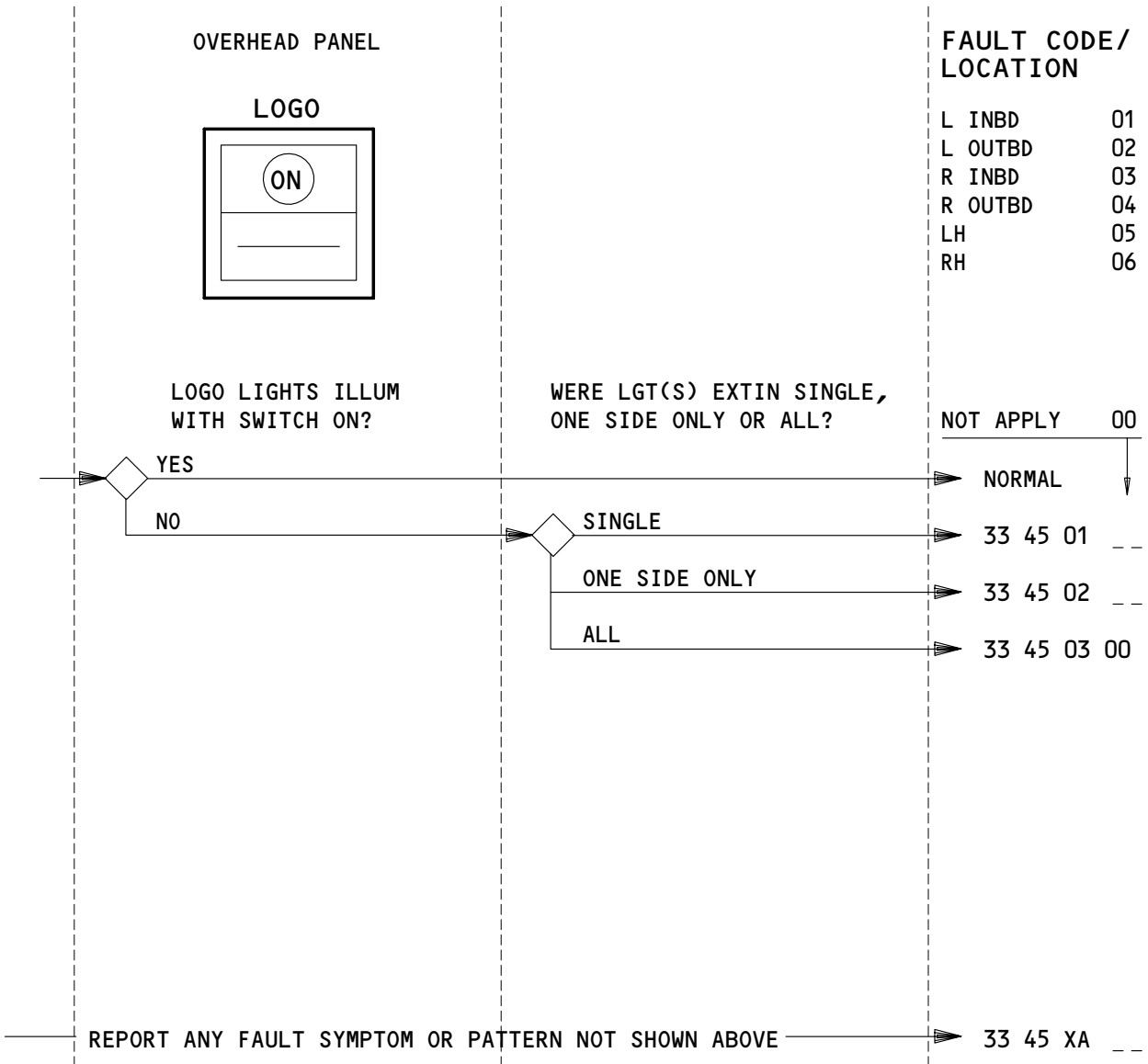
EFFECTIVITY

ALL

06

LIGHTS
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BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

FWD EQUIPMENT CENTER

LOGO LIGHTS - FAULT CODES

EFFECTIVITY

ALL

07

LIGHTS

PAGE 44B
AUG 22/99

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 45 01 __	(01=L inbd, 02=L outbd, 03=R inbd, 04=R outbd) logo lgt extin with switch on.
33 45 02 __	(05=LH, 06=RH) logo lgts extin with switch on.
33 45 03 00	All logo lgts extin with switch on.
33 45 XA __	Report logo lights symptoms or patterns along with log book report.

LOGO LIGHTS - LOG BOOK REPORTS

39344

EFFECTIVITY

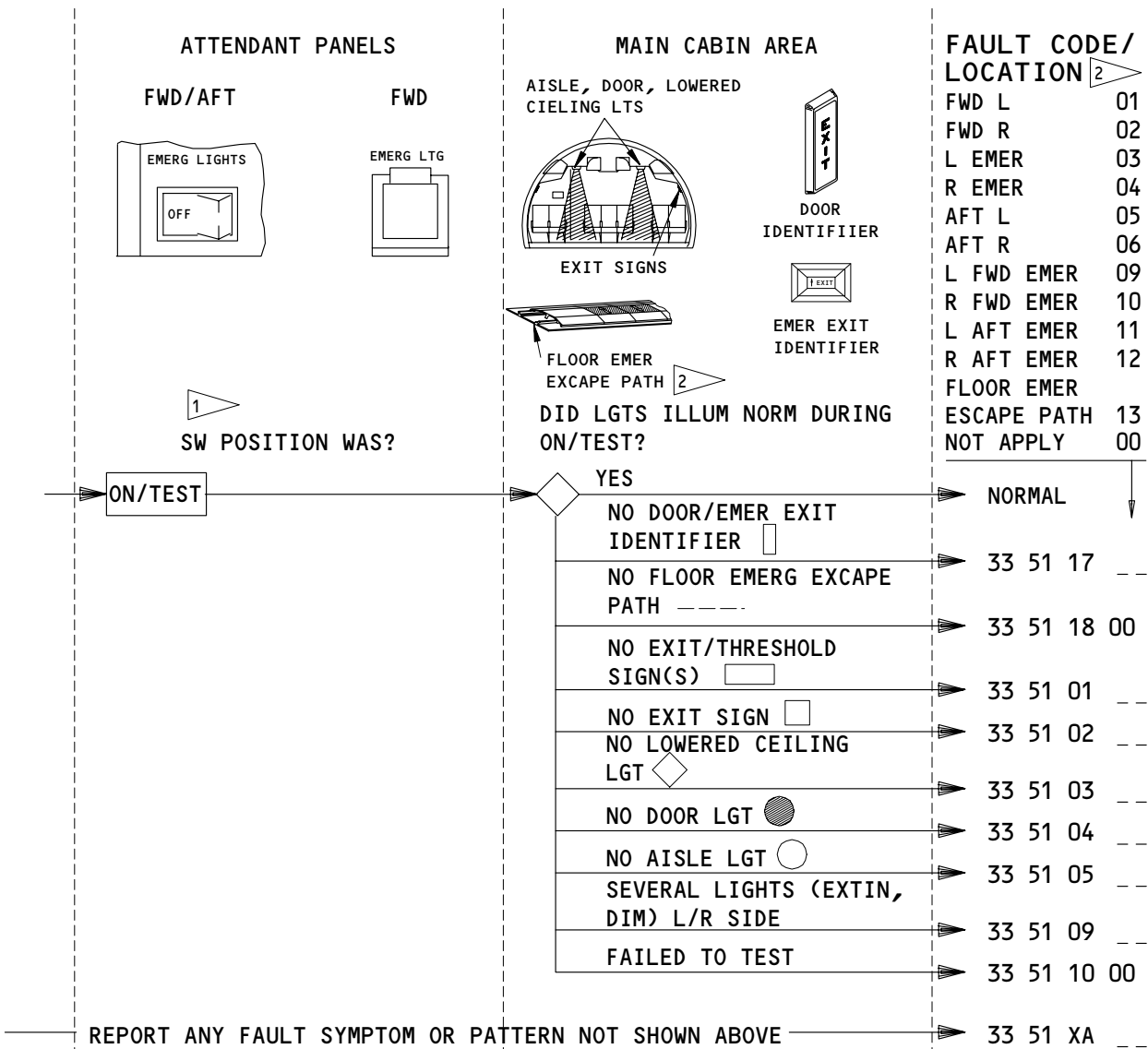
ALL

06

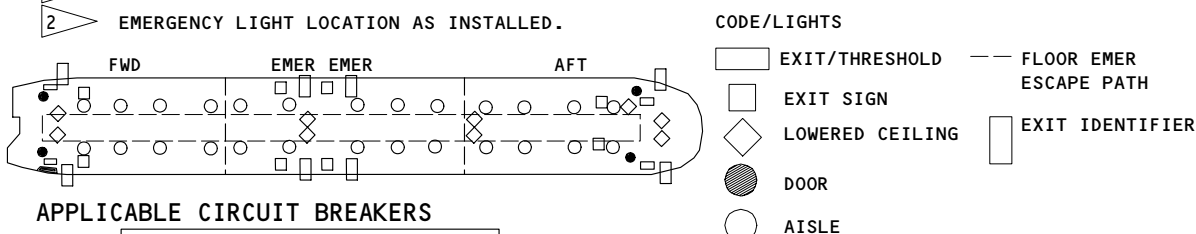
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BOEING 767

FAULT REPORTING MANUAL



1 TEST POSITION IS MOMENTARY, LGTS REMAIN ILLUM FOR 1 MINUTE.
 2 EMERGENCY LIGHT LOCATION AS INSTALLED.



APPLICABLE CIRCUIT BREAKERS

11A19	ALTN EMER LTS WING ESC L	11P35	EMER LTS WING ESC L
11A20	ALTN EMER LTS WING ESC R	11P36	EMER LTS WING ESC R
11B6	LIGHTS EMER CHARGER PORTABLE		

EMERGENCY LIGHTS INTERIOR (ATTND PNL SW) - FAULT CODES

EFFECTIVITY
ALL

LIGHTS
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 FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 33 51 17 -- (01=Fwd L, 02=Fwd R, 03=L Emer, 04=R Emer, 05=Aft L, 06=Aft R, 09=L Fwd Emer, 10=R Fwd Emer, 11=L Aft Emer, 12=R Aft Emer) exit identifier lgt(s) inop with attend (emer test sw) ON.
- 33 51 18 00 Floor emer escape path lgt(s) (state location) inop with attnd (emer test sw) ON.
- 33 51 01 -- (01=Fwd L, 02=Fwd R, 05=Aft L, 06=Aft R) EXIT/THRESHOLD sign is extin with attnd (emerg test sw) ON.
- 33 51 02 -- (01=Fwd L, 02=Fwd R, 03=L Emer, 04=R Emer, 05=Aft L, 06=Aft R, 09=L Fwd Emer, 10=R Fwd Emer, 11=L Aft Emer, 12=R Aft Emer) is extin with attend (emer test sw) ON. (Specify nearest seat, if applicable).
- 33 51 03 -- (01=Fwd L, 02=Fwd R, 05=Aft L, 06=Aft R) lowered ceiling lgt is extin with attnd (emerg test sw) ON.
- 33 51 04 -- (01=Fwd L, 02=Fwd R, 05=Aft L, 06=Aft R) door lgt is extin with attnd (emerg test sw) ON.
- 33 51 05 -- (01=Fwd L, 02=Fwd R, 05=Aft L, 06=Aft R) aisle lgt is extin with attend (emer test sw) ON. (Specify location by nearest seat no.)
- 33 51 09 -- (01=Fwd L, 02=Fwd R, 03=L Emer, 04=R Emer, 05=Aft L, 06=Aft R, 09=L Fwd Emer, 10=R Fwd Emer, 11=L Aft Emer, 12=R Aft Emer, 13=Floor emer escape path) cabin area emergency lgts (fail to illum, dim) during test or on. (describe)
- 33 51 10 00 Emergency lgts failed to test.
- 33 51 XA -- Report emergency lights interior (attnd pnl sw) symptoms or patterns along with fault code.

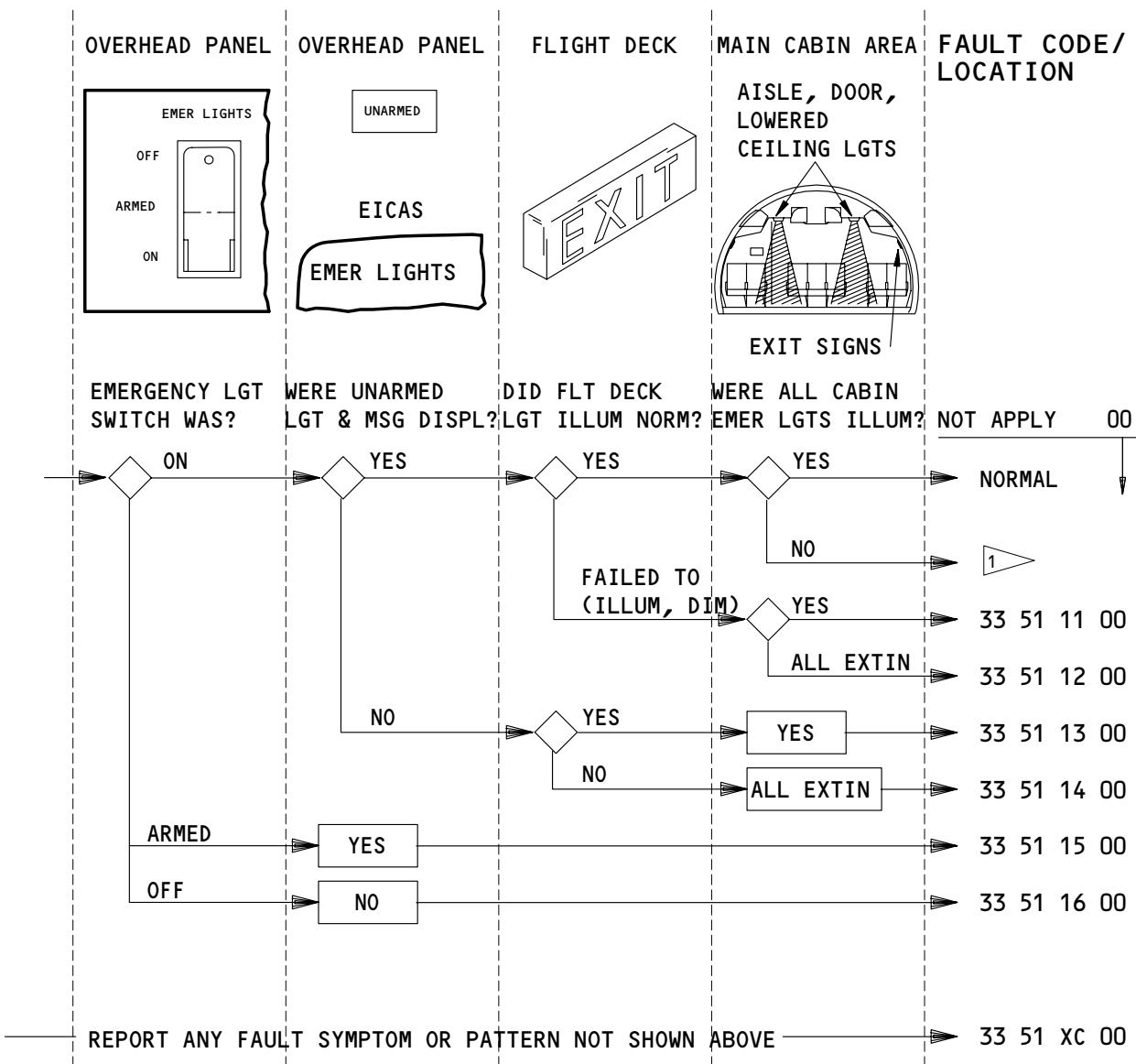
EMERGENCY LIGHTS INTERIOR (ATTND PNL SW) – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



1 SEE "EMERGENCY LIGHTS INTERIOR (ATTND PNL SW)" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A19	ALTN EMER LTS WING ESC L	11P35	EMER LTS WING ESC L
11A20	ALTN EMER LTS WING ESC R	11P35	EMER CHGR/OFF WING ESC L
11B6	LIGHTS EMER CHARGER PORTABLE	11P36	EMER LTS WING ESC R
		11P36	EMER CHGR/OFF WING ESC R

EMERGENCY LIGHTS INTERIOR (OVHD PNL SW) - FAULT CODES

EFFECTIVITY

ALL

05

LIGHTS

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
33 51 11 00	Flight deck emer exit lgt (failed to illum, dim) with ovhd emer lgts sw ON. All cabin emer lgts were normal.
33 51 12 00	Flight deck and main cabin emer lgts failed to illum with ovhd emer lgts sw ON.
33 51 13 00	EICAS msg EMER LIGHTS did not display and UNARMED lgt did not illum with ovhd emer lgts sw ON. All emer lgts illum norm.
33 51 14 00	EICAS msg EMER LIGHTS did not display, UNARMED lgt and all emer lgts failed to illum with ovhd emer lgts sw ON.
33 51 15 00	EICAS msg EMER LIGHTS displayed and UNARMED lgt illum with emer lgts sw ARMED.
33 51 16 00	EICAS msg EMER LIGHTS did not display and UNARMED lgt did not illum with ovhd emer lgts sw OFF.
33 51 XC 00	Report emergency lights interior (ovhd pnl sw) symptoms or patterns along with fault code.

EMERGENCY LIGHTS INTERIOR (OVHD PNL SW) - LOG BOOK REPORTS

EFFECTIVITY

ALL

03

LIGHTS
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FAULT REPORTING MANUAL

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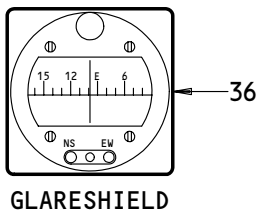
EICAS & FMC MESSAGES

EFFECTIVITY

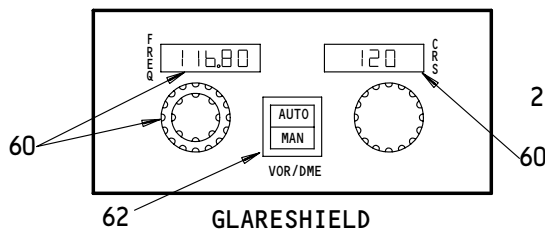
ALL

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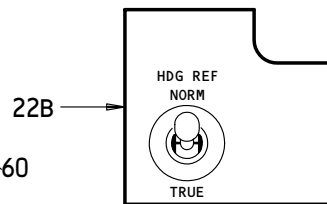
FAULT REPORTING MANUAL



GLARESHIELD

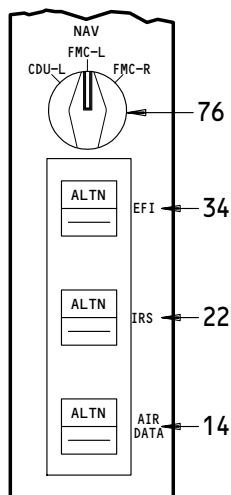
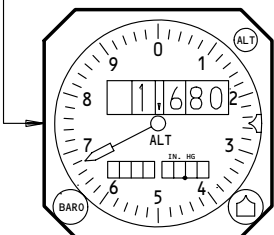


GLARESHIELD

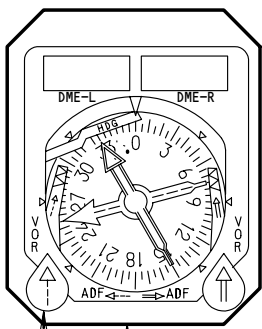
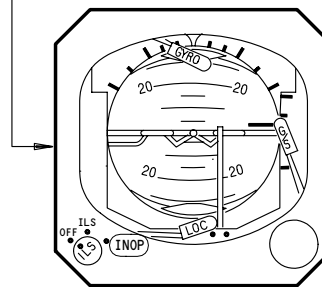


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AIR DATA
CMPTR TEST 14B,
14D
ALTIMETER 4

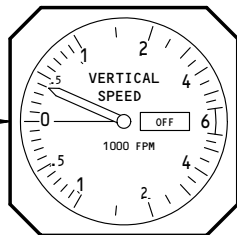
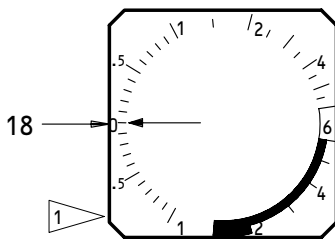


STBY ATTITUDE
INDICATOR 38
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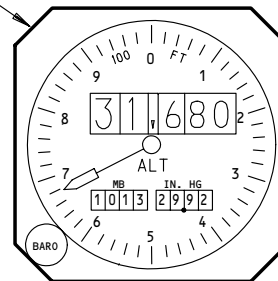
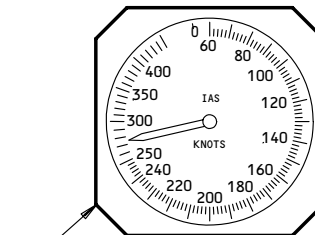
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PILOTS PANEL



PILOTS PANEL

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PILOTS PANEL

EFFECTIVITY

ALL

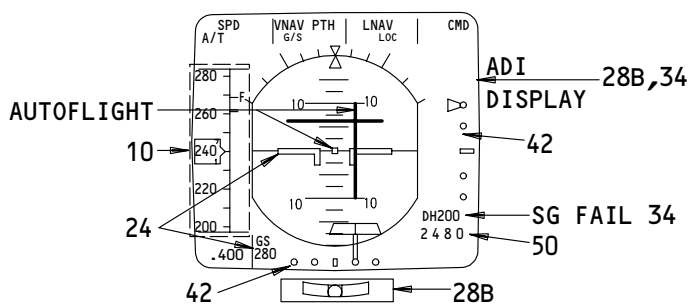
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NAVIGATION

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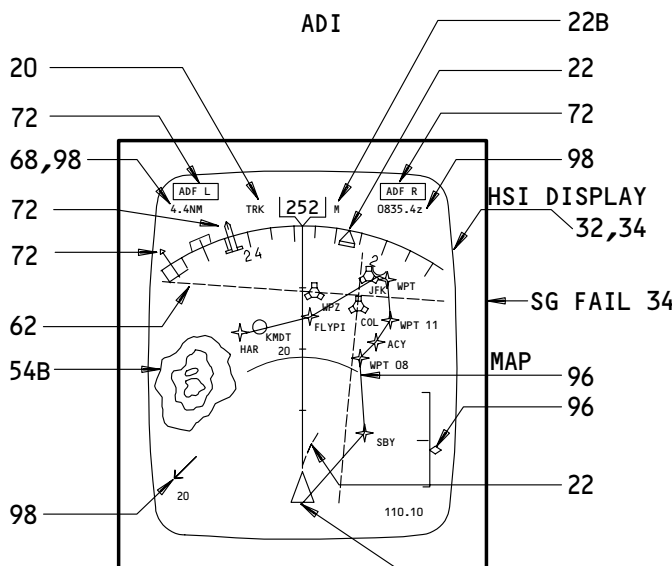
BOEING 767

FAULT REPORTING MANUAL



ADI FLAGS

ATT	24
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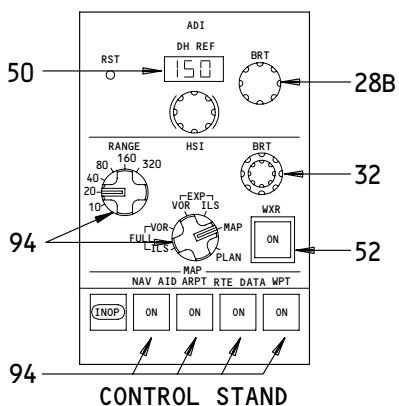


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WXR FAIL RT	52
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HSI (MAP MODE) PILOTS PANEL

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VOR MODE 60,62



HSI (VOR MODE) FLAGS

VOR	60
-----	-------	----

HSI (ILS MODE) FLAGS

GS	42
LOC	42

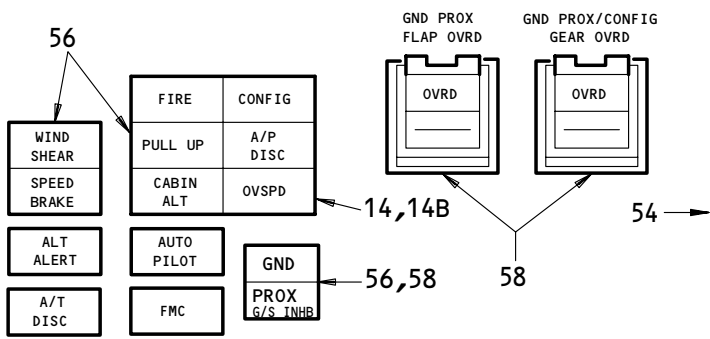
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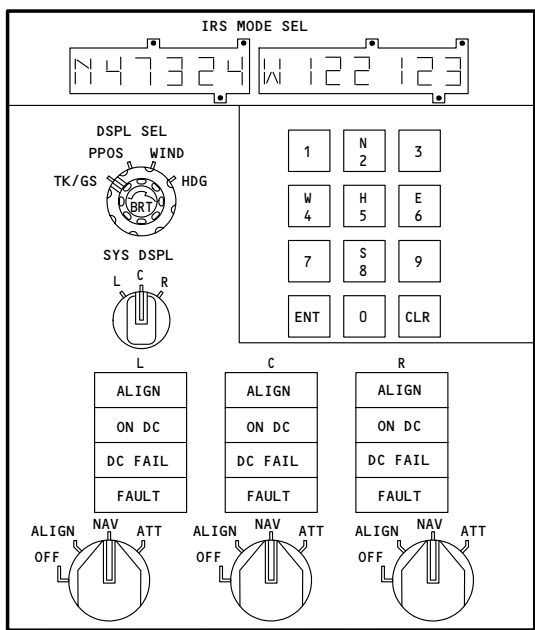
ALL

BOEING 767

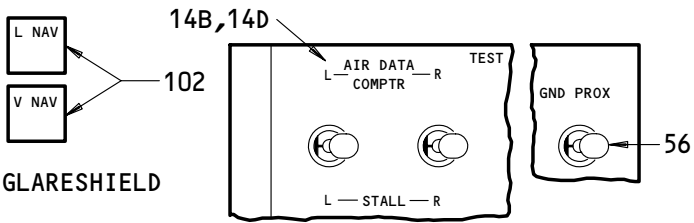
FAULT REPORTING MANUAL



PILOTS' CENTER PANEL

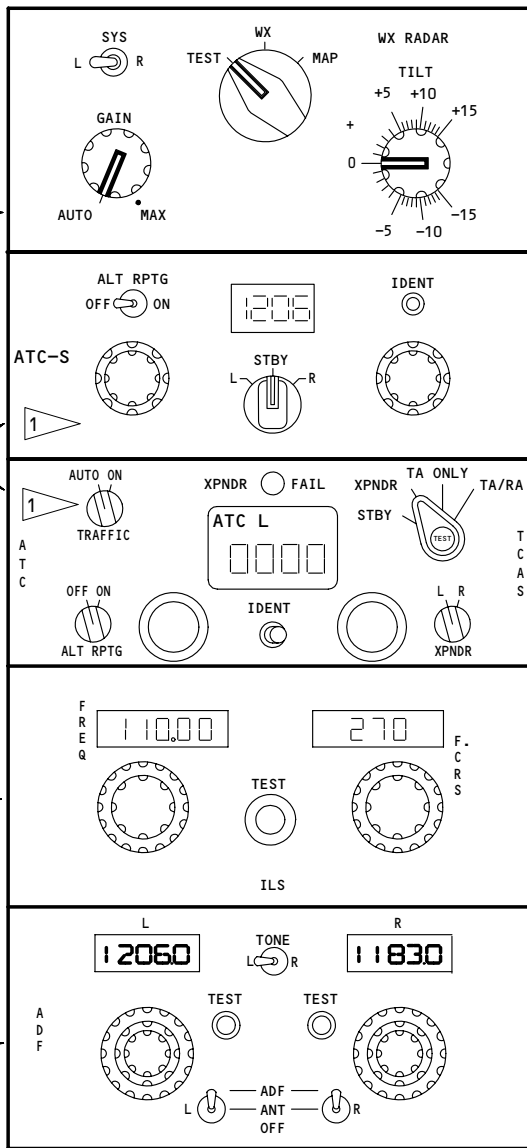


OVERHEAD PANEL



ACCESSORY PANEL

1 AS INSTALLED



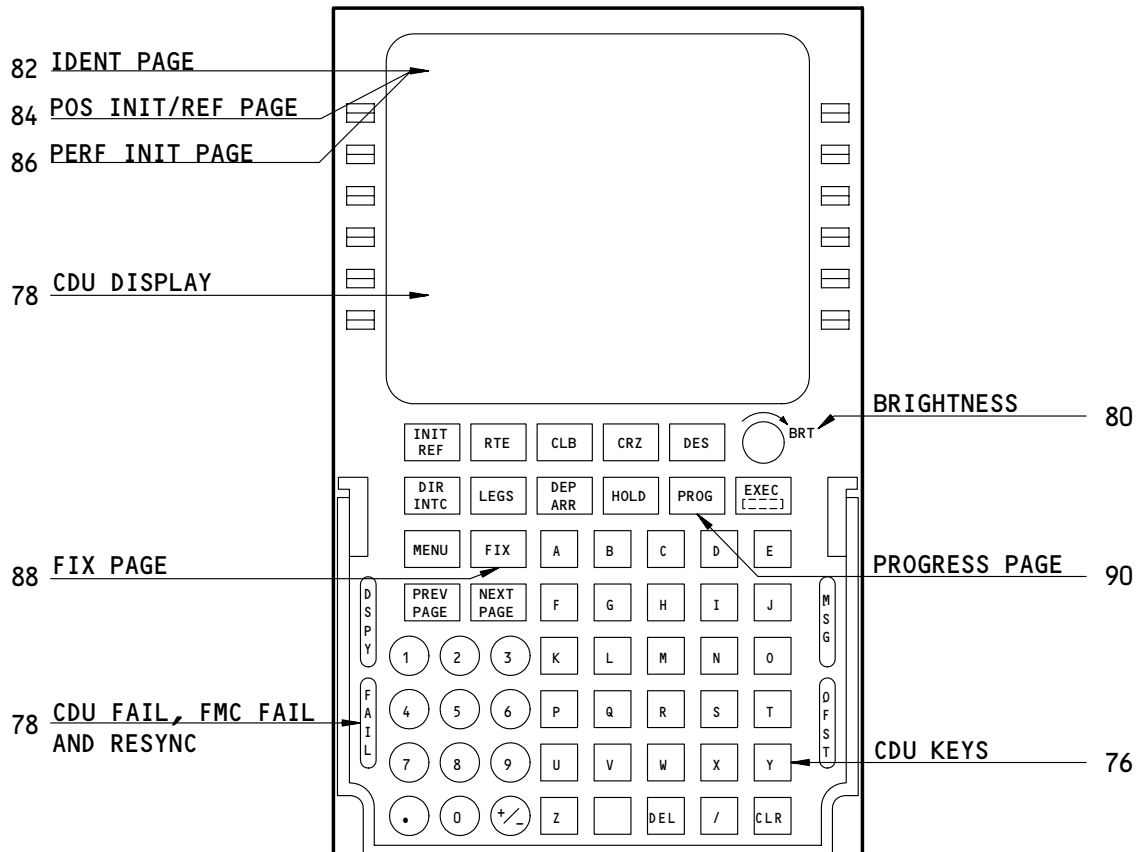
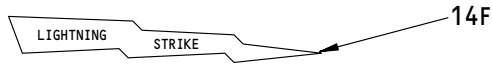
AFT ELECTRONIC PANEL

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FAULT REPORTING MANUAL



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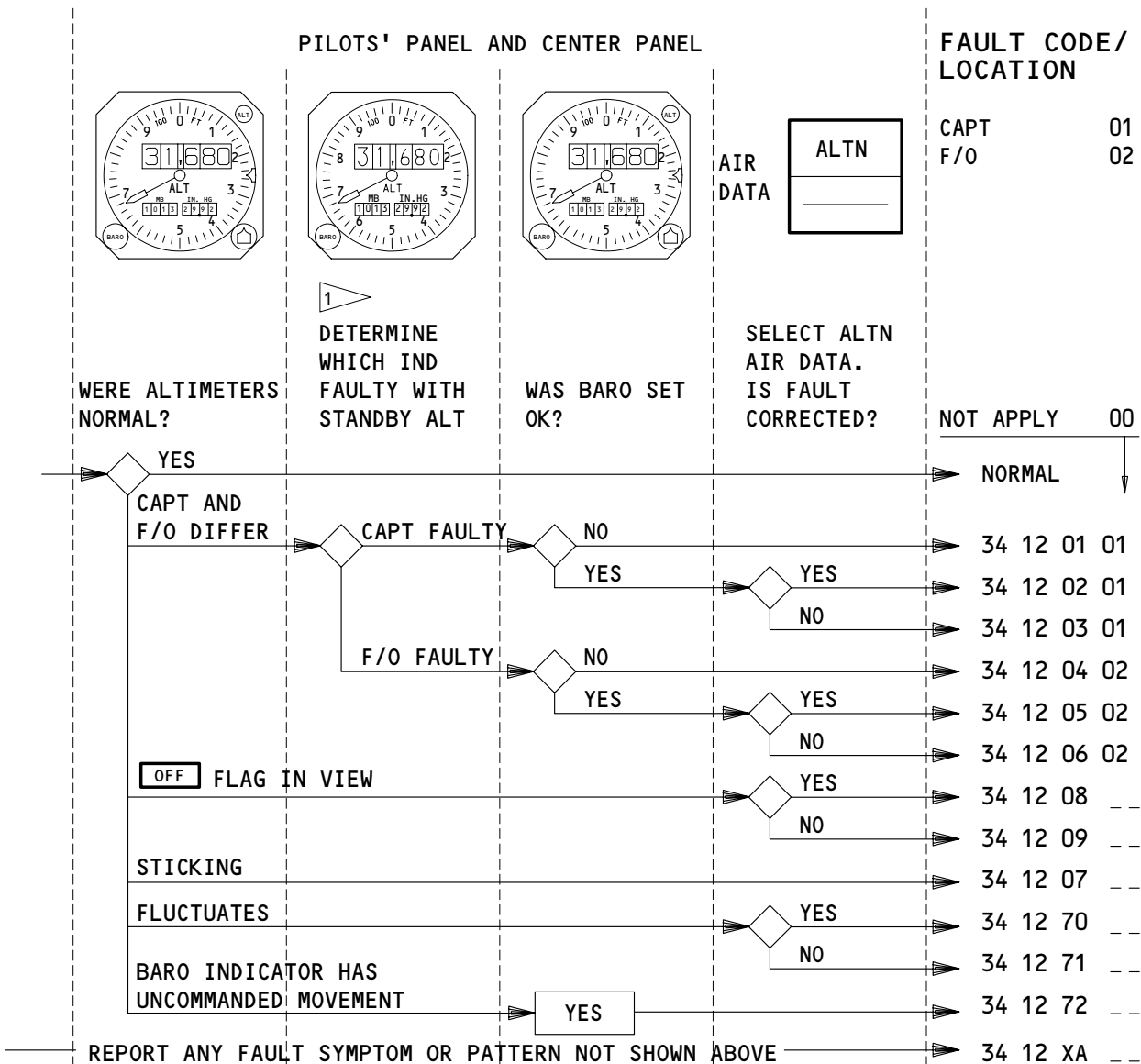
11

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1 SEE "ALTIMETER TOLERANCES" CHART TO CORRECT STANDBY ALTIMETER READING BEFORE COMPARING TO CAPT AND F/O ALTIMETER.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A10	AIR DATA CMPTR L	11E23	ALTM (R)
11A11	AIR DATA AOA SENSOR L	11E23	RIGHT ALTM
11A12	AIR DATA BARO CORRECT L	11F30	(RIGHT) AIR DATA CMPTR (R)
11E2	LEFT ALTM	11F31	(RIGHT) AIR DATA AOA SENSOR (R)
11E2	ALTM (L)	11F32	(RIGHT) AIR DATA BARO CORRECT (R)

ELECTRIC ALTIMETER - FAULT CODES

EFFECTIVITY

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 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 12 01 01	BARO SET inop on Captain's altimeter.
34 12 02 01	Capt altimeter in error. It reads ____. F/O altimeter reads ____. Stby altimeter reads ____. Selecting ALTN AIR DATA corrects the fault.
34 12 03 01	Capt altimeter in error with both normal and ALTN AIR DATA selected. It reads ____. F/O altimeter reads ____. Stby altimeter reads ____.
34 12 04 02	BARO SET inop on F/O altimeter.
34 12 05 02	F/O altimeter in error. It reads ____. Capt altimeter reads ____. Stby altimeter reads ____. Selecting ALTN AIR DATA corrects the fault.
34 12 06 02	F/O altimeter in error with both normal and ALTN AIR DATA selected. It reads ____. Capt altimeter reads ____. Stby altimeter reads ____.
34 12 08 __	OFF flag in view on (01=Capt, 02=F/O) altimeter. Selecting ALTN AIR DATA corrects the fault.
34 12 09 __	OFF flag in view on (01=Capt, 02=F/O) altimeter with both normal and ALTN AIR DATA selected.
34 12 07 __	(01=Capt, 02=F/O) altimeter sticking.
34 12 70 __	(01=Capt, 02=F/O) altimeter fluctuates. Altimeter normal with ALTN AIR DATA selected.
34 12 71 __	(01=Capt, 02=F/O) altimeter fluctuates with normal or ALTN AIR DATA selected.
34 12 72 __	(01=Capt, 02=F/O) altimeter baro indicator has uncommanded movement.
34 12 XA __	Report electric altimeter symptoms or patterns along with fault code.

ELECTRIC ALTIMETER – LOG BOOK REPORTS

EFFECTIVITY

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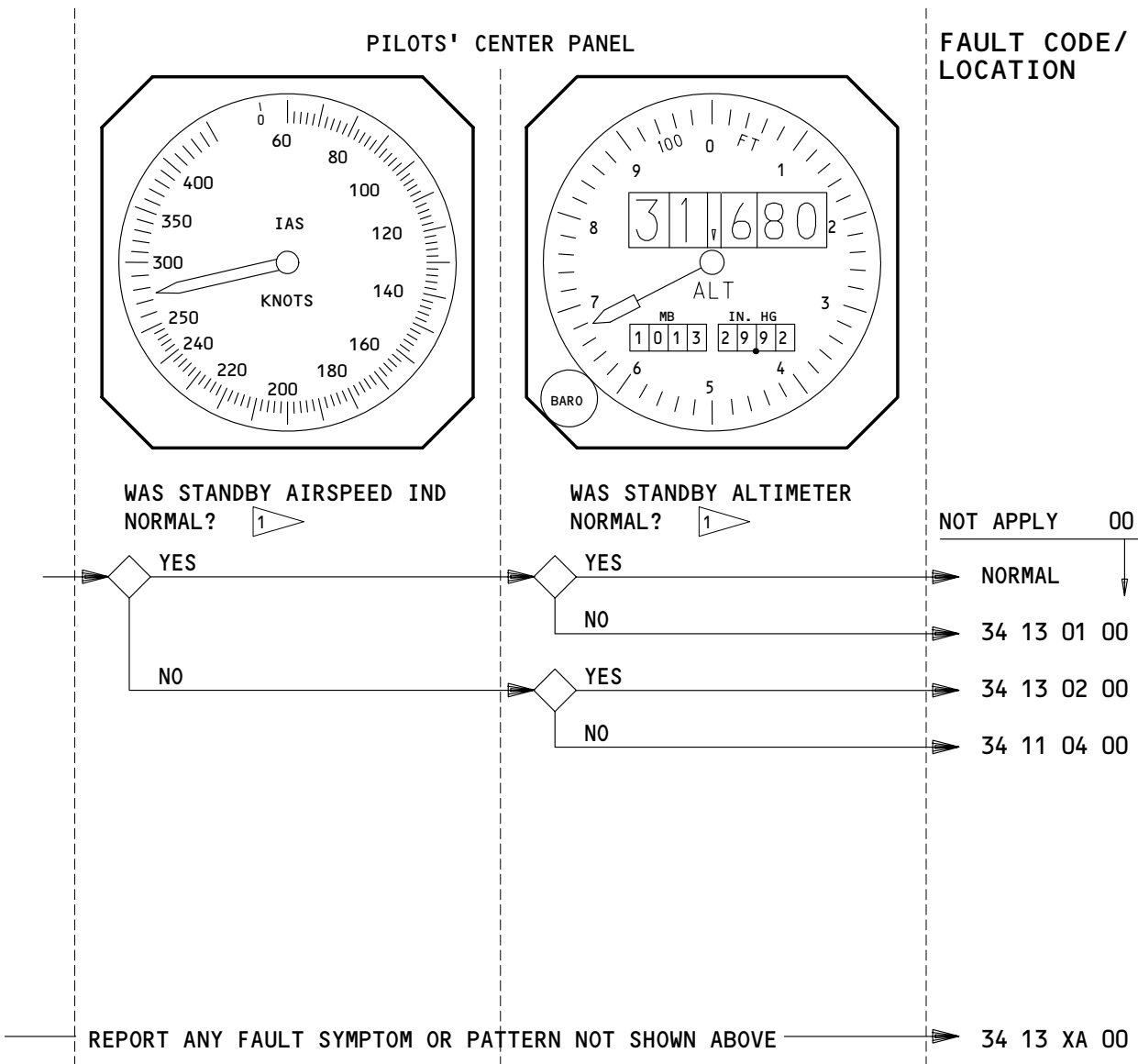
05

NAVIGATION

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FAULT REPORTING MANUAL



¹ FOR ADDITIONAL AIRSPEED/ALTIMETER INFORMATION, REFER TO AIRSPEED/ALTIMETER TOLERANCE CHART.

APPLICABLE CIRCUIT BREAKERS

11A8 STBY ALTM VIB

STANDBY AIRSPEED AND ALTIMETER – FAULT CODES

EFFECTIVITY

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NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 13 01 00	Standby altimeter (report the problem, low, high, sticks, fluctuates, vibrates, inop, etc.).
34 13 02 00	Standby airspeed (report the problem, low, high, sticks, fluctuates, etc.).
34 11 04 00	Standby altimeter and standby airspeed (report the problem, low, high fluctuates, etc).
34 13 XA 00	Report standby airspeed and altimeter symptoms or patterns along with fault code.

STANDBY AIRSPEED AND ALTIMETER – LOG BOOK REPORTS

184083

EFFECTIVITY

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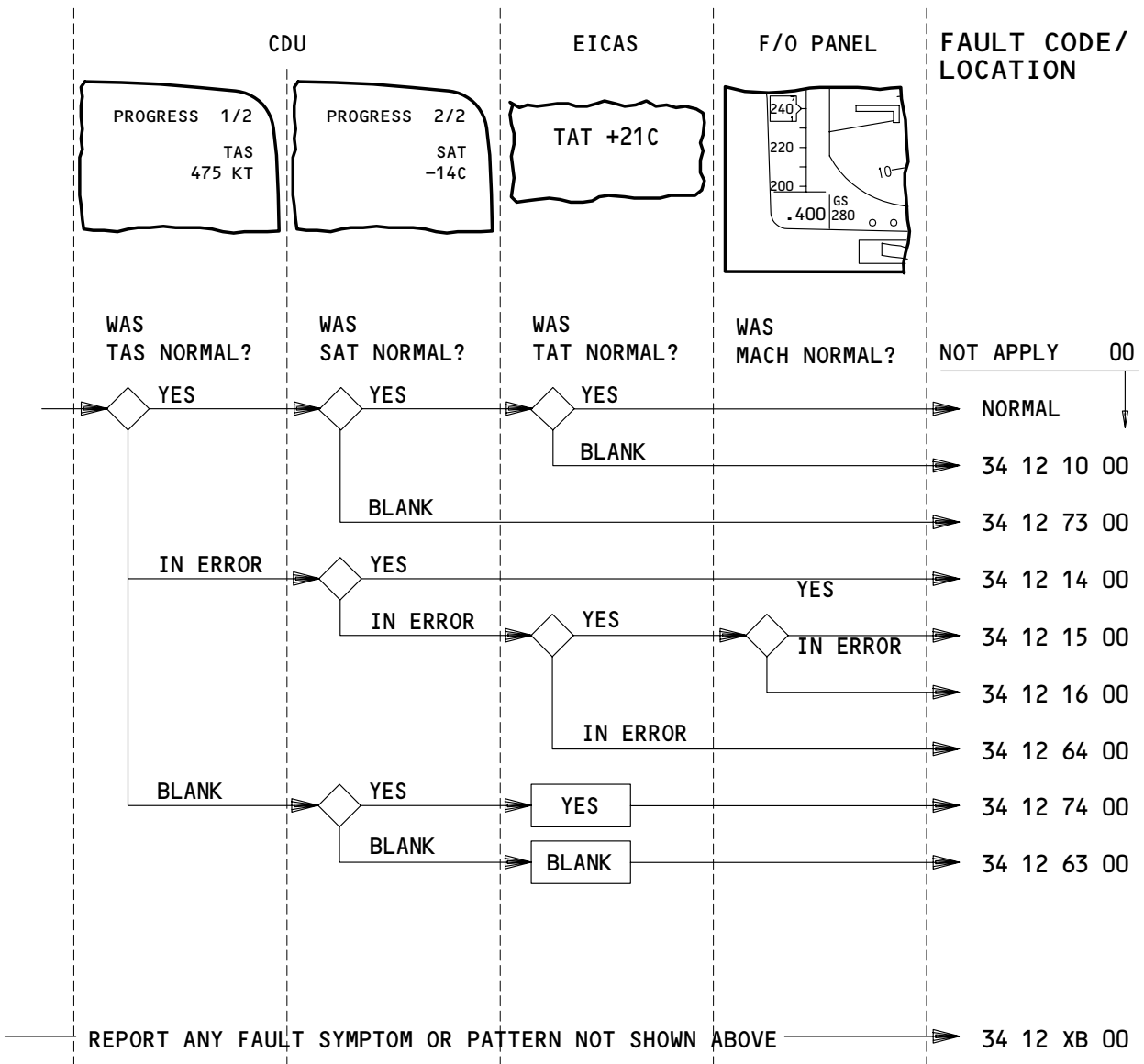
03

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A10	AIR DATA CMPTR L	11F30	(RIGHT) AIR DATA CMPTR (R)
11E22	(RIGHT) IAS MACH (R)	11F31	(RIGHT) AIR DATA AOA SENSOR (R)
11F14	TMC AC	11F32	(RIGHT) AIR DATA BARO CORRECT (R)
11F15	TMC DC		

TAS, SAT AND TAT - FAULT CODES

EFFECTIVITY

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NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 12 10 00	TAT indication blank. TAS and SAT normal.
34 12 73 00	SAT indication blank. TAS and TAT normal.
34 12 14 00	TAS in error. Reads ___, should be ___. SAT normal.
34 12 15 00	TAS and SAT in error. TAS reads ___, should be ___. SAT reads ___, should be ___. MACH and TAT normal.
34 12 16 00	TAS, SAT and Mach in error. TAS reads ___, SAT reads ___. Mach reads ___. TAT normal.
34 12 64 00	TAS, SAT and TAT in error. TAS reads ___, SAT reads ___, TAT reads ___.
34 12 74 00	TAS indication blank. SAT and TAT normal.
34 12 63 00	TAS, SAT and TAT indicators are blank.
34 12 XB 00	Report TAS, SAT and TAT symptoms or patterns along with fault code.

TAS, SAT AND TAT - LOG BOOK REPORTS

EFFECTIVITY

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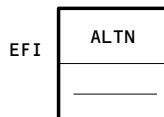
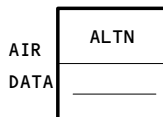
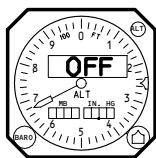
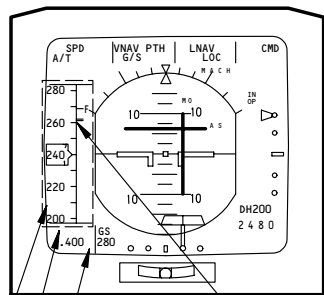
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FAULT REPORTING MANUAL

PILOTS' PANEL



FAULT CODE/ LOCATION

CAPT 01
F/O 02
BOTH 03

SELECT ALTN AIR DATA

SELECT ALTN EFI

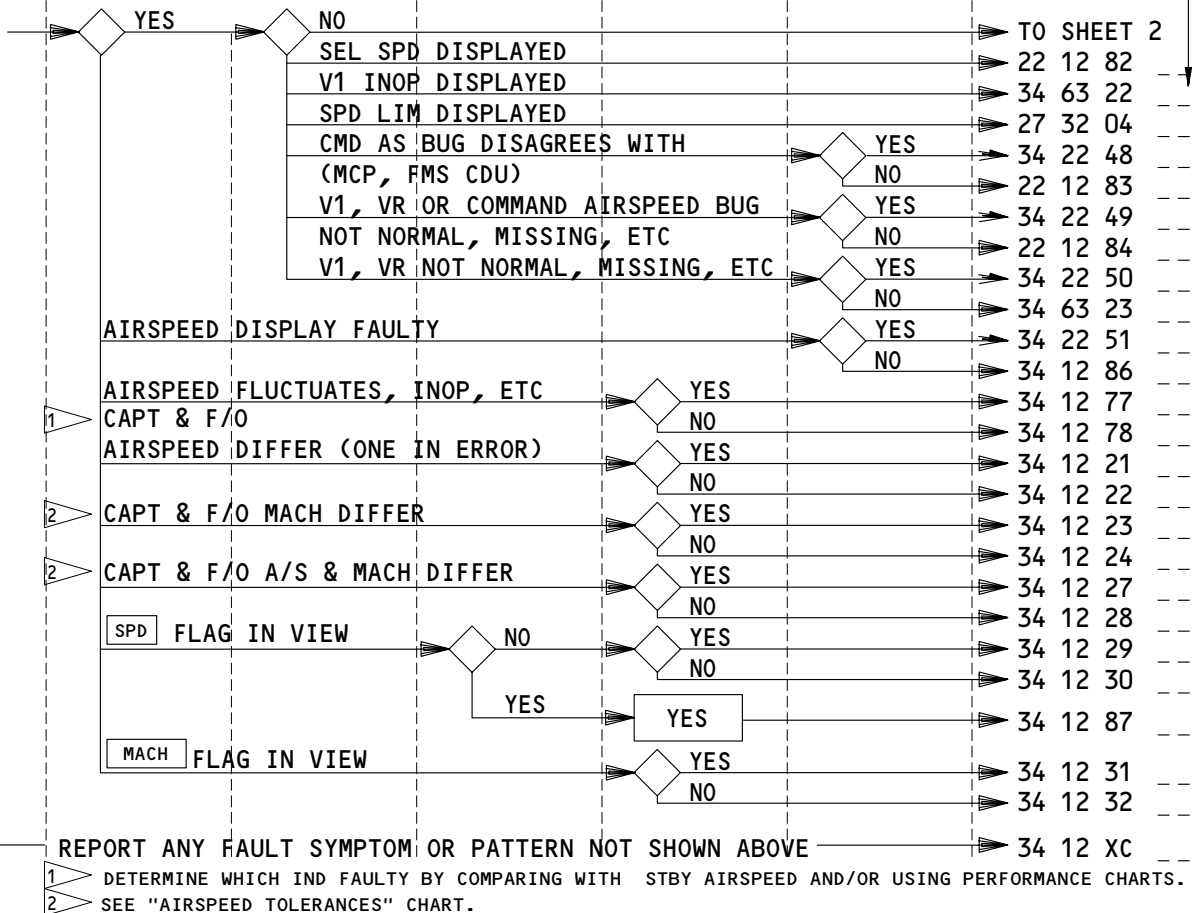
WAS FAULT CORRECTED?

WAS FAULT CORRECTED?

NOT APPLY 00

WAS MACH, WAS MSG DIS-AIRSPED, PLAYED, BUG NORM?
WAS MSG DIS-AIRSPED, PLAYED, BUG NOT NORMAL?

WAS OFF FLAG IN VIEW ON ALTIMETER?



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A10	AIR DATA CMPTR L	11E22	(RIGHT) IAS MACH (R)	11F30	(RIGHT) AIR DATA CMPTR (R)
11A11	AIR DATA AOA SENSOR L	11F8	EFIS SYM GEN L	11F31	(RIGHT) AIR DATA AOA SENSOR (R)
11A12	AIR DATA BARO CORRECT L	11F9	EFIS SYM GEN CTR	11F32	(RIGHT) AIR DATA BARO CORRECT (R)
11E1	(LEFT) IAS MACH (L)	11F29	EFIS SYM GEN		

MACH, AIRSPEED & ALTN AIR DATA (SHEET 1) - FAULT CODES

EFFECTIVITY

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NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
22 12 82 --	SEL SPD displayed on (01=Capt, 02=F/0) ADI.
34 63 22 --	V ₁ INOP displayed on (01=Capt, 02=F/0) ADI.
27 32 04 --	SPD LIM displayed on (01=Capt, 02=F/0) ADI.
34 22 48 --	Command bug(s) on (01=Capt, 02=F/0, 03=both) ADI speed tape(s) disagree(s) with (MCP, FMS CDU). Bugs normal using ALTN EFI.
22 12 83 --	Command bug(s) on (01=Capt, 02=F/0, 03=both) ADI speed tape(s) disagree(s) with (MCP, FMS CDU). With norm or ALTN EFI selected.
34 22 49 --	Command Airspeed bug(s) (not normal, missing, etc) on (01=Capt, 02=F/0) ADI speed tape(s). ALTN EFI selection corrects fault.
22 12 84 --	Command Airspeed bug(s) (not normal, missing, etc) on (01=Capt, 02=F/0) ADI speed tape(s) with normal or ALTN EFI selected.
34 22 50 --	V ₁ , V ₂ bug(s) (not normal, missing, etc) on (01=Capt, 02=F/0, 03=both) ADI speed tape(s). ALTN EFI selection corrects fault.
34 63 23 --	V ₁ , V ₂ bug(s) (not normal, missing, etc) on (01=Capt, 02=F/0, 03=both) ADI speed tape(s) with normal or ALTN EFI selected.
34 22 51 --	(01=Capt, 02=F/0) ADI speed tape faulty, (describe). ALTN EFI selection corrects fault.
34 12 86 --	(01=Capt, 02=F/0) ADI speed tape faulty (describe) with normal or ALTN EFI selected.
34 12 77 --	(01=Capt, 02=F/0) ADI speed tape (fluctuates, inop, etc.) ALTN AIR DATA selection corrects fault.
34 12 78 --	(01=Capt, 02=F/0) ADI speed tape (fluctuates, inop, etc.) ALTN AIR DATA selection fails to correct fault.
34 12 21 --	(01=Capt, 02=F/0) A/S in error. Capt A/S reads _____. F/0 A/S reads _____. Stby A/S reads _____. ALTN AIR DATA selection corrects fault.
34 12 22 --	(01=Capt, 02=F/0) A/S in error. Capt A/S reads _____. F/0 A/S reads _____. Stby A/S reads _____. ALTN AIR DATA selection fails to correct fault.
34 12 23 --	(01=Capt, 02=F/0) Mach indication in error. Capt Mach reads _____. F/0 Mach reads _____. ALTN AIR DATA selection corrects fault.

MACH, AIRSPEED & ALTN AIR DATA
(SHEET 1)- LOG BOOK REPORTS

EFFECTIVITY

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 12 24 --	(01=Capt, 02=F/O) Mach indication in error. Capt Mach reads _____. F/O Mach reads _____. ALTN AIR DATA selection fails to correct fault.
34 12 27 --	(01=Capt, 02=F/O) A/S and Mach in error. Readings are: Capt A/S _____, F/O A/S _____, stby A/S _____, Capt Mach _____, F/O Mach _____. Selecting ALTN AIR DATA corrects fault.
34 12 28 --	(01=Capt, 02=F/O) A/S and Mach in error. Readings are: Capt A/S _____. F/O A/S _____, stby A/S _____, Capt Mach _____, F/O Mach _____. Selecting ALTN AIR DATA fails to correct fault.
34 12 29 --	(01=Capt, 02=F/O) SPD flag in view. ALTN AIR DATA selection corrects fault.
34 12 30 --	(01=Capt, 02=F/O) SPD flag in view. ALTN AIR DATA selection fails to correct fault.
34 12 87 --	(01=Capt, 02=F/O) SPD flag and Altm OFF flag in view. ALTN AIR DATA selection corrects fault.
34 12 31 --	(01=Capt, 02=F/O) MACH flag in view. ALTN AIR DATA selection corrects fault.
34 12 32 --	(01=Capt, 02=F/O) MACH flag in view. ALTN AIR DATA selection fails to correct fault.
34 12 XC --	Report mach, airspeed & ALTN AIR DATA (sheet 1) symptoms or patterns along with fault codes.

**MACH, AIRSPEED & ALTN AIR DATA
 (SHEET 1) - LOG BOOK REPORTS**

EFFECTIVITY

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BOEING 767
FAULT REPORTING MANUAL

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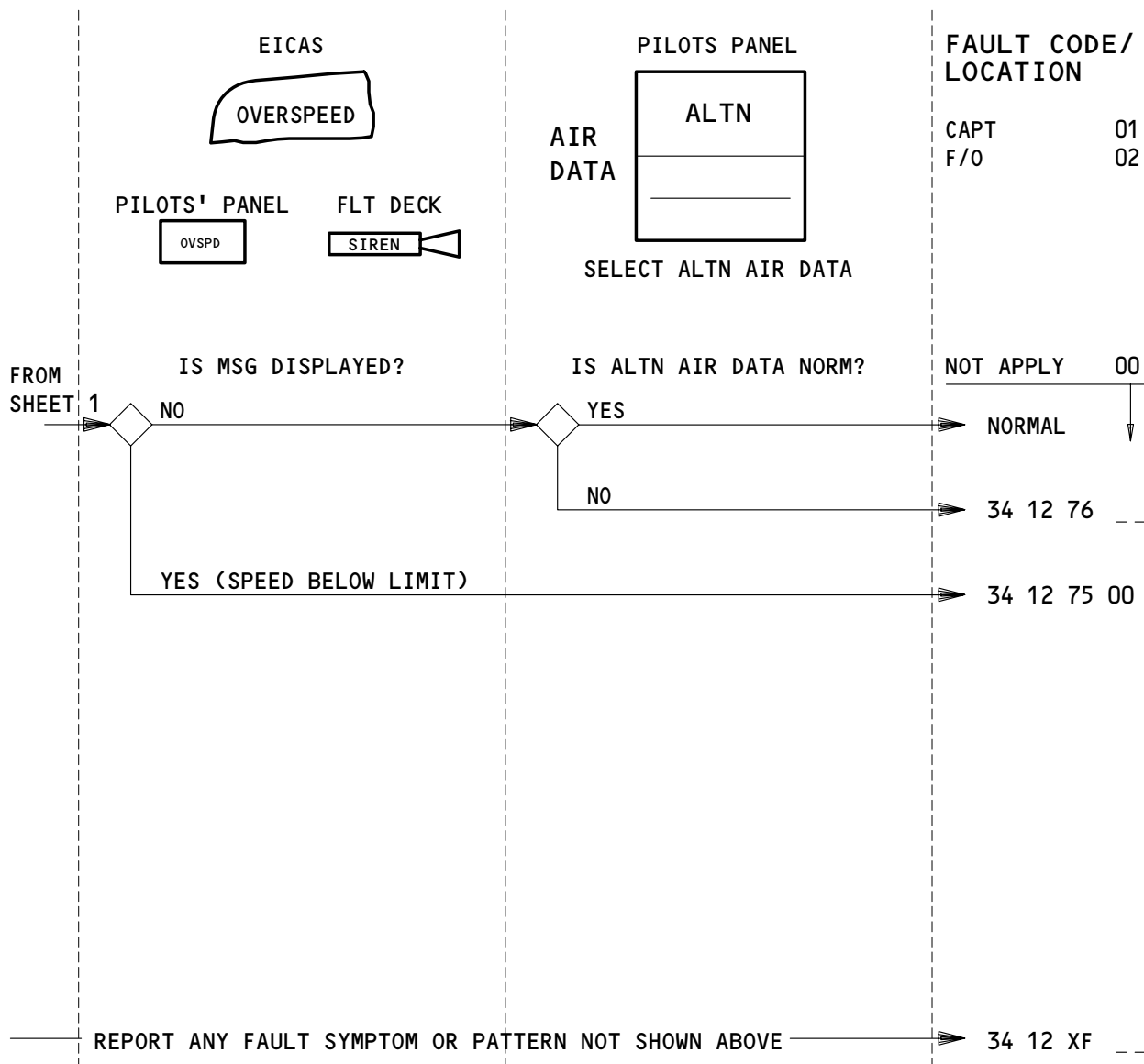
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 FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A10	AIR DATA CMPTR L	11E22	(RIGHT) IAS MACH (R)
11A11	AIR DATA AOA SENSOR L	11E23	ALTM (R)
11A12	AIR DATA BARO CORRECT L	11F30	(RIGHT) AIR DATA CMPTR (R)
11E1	(LEFT) IAS MACH (L)	11F31	(RIGHT) AIR DATA AOA SENSOR (R)
11E2	ALTM (L)	11F32	(RIGHT) AIR DATA BARO CORRECT (R)

ELECTRIC MACH, AIRSPEED & ALTN AIR DATA (SHEET 2) - FAULT CODES

EFFECTIVITY

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NAVIGATION

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

34 12 76 __ Selecting (01=Capt, 02=F/0) ALTN AIR DATA not norm. (Describe)

34 12 75 00 EICAS msg OVERSPEED display and OVSP lgt illum. Airspeed below limit.

| 34 12 XF __ Report electric mach, airspeed & altn air data (SHEET 2) Symptoms or patterns along with fault code.

| ELECTRIC MACH, AIRSPEED & ALTN AIR DATA
(SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY

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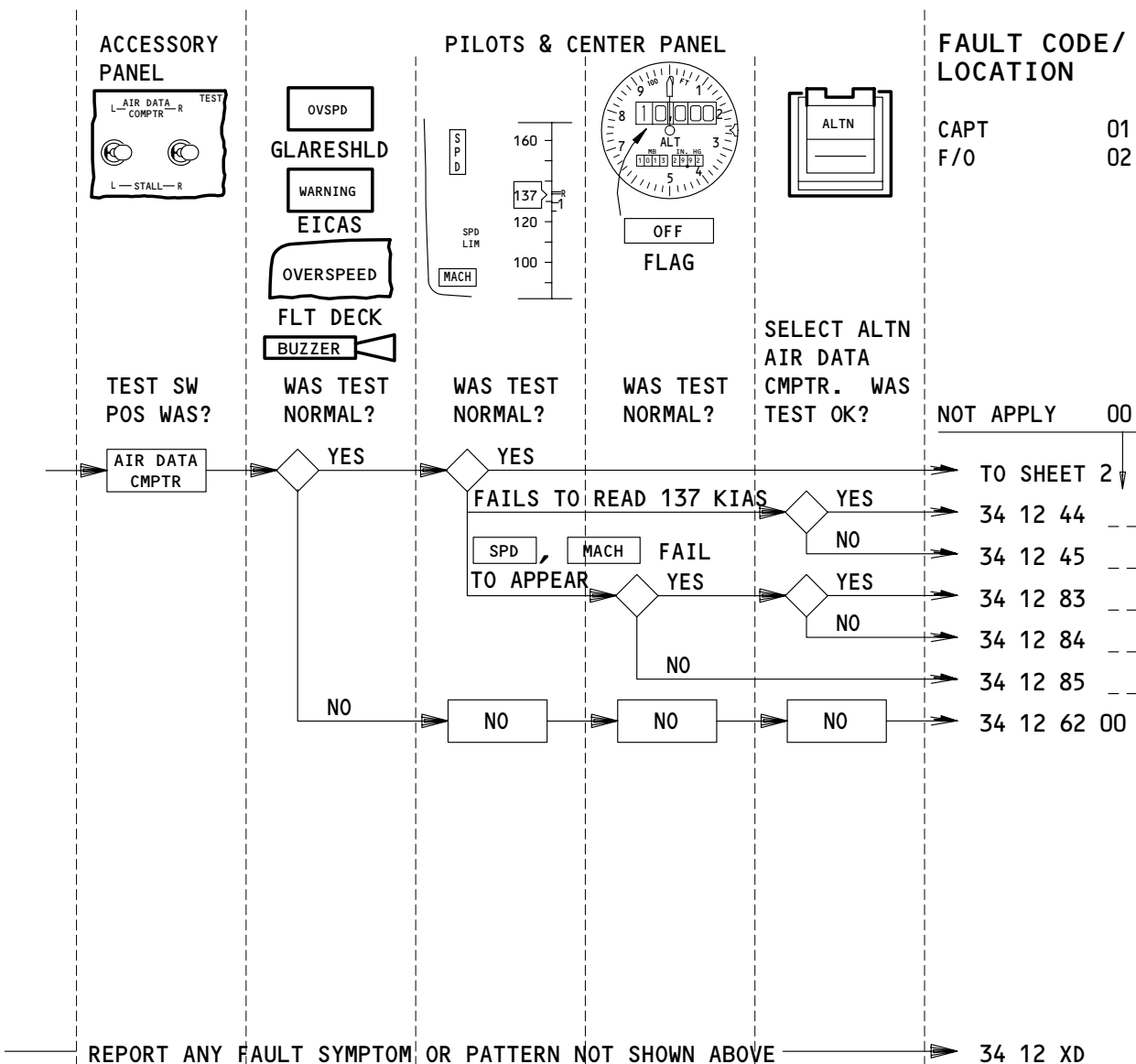
05

NAVIGATION

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A10	AIR DATA CMPTR L	11E22	(RIGHT) IAS MACH (R)
11A11	AIR DATA AOA SENSOR L	11E23	(RIGHT) ALTM (R)
11A12	AIR DATA BARO CORRECT L	11F30	(RIGHT) AIR DATA CMPTR (R)
11E1	(LEFT) IAS MACH (L)	11F31	(RIGHT) AIR DATA AOA SENSOR (R)
11E2	(LEFT) ALTM (L)	11F32	(RIGHT) AIR DATA BARO CORRECT (R)

AIR DATA COMPUTER TEST (SHEET 1) - FAULT CODES

EFFECTIVITY

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NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | 34 12 44 __ (01=Capt, 02=F/0) air speed fails to read 137 KIAS during ADC test.
Test ok with ALTN AIR DATA selected.

- | 34 12 45 __ (01=Capt, 02=F/0) air speed fails to read 137 Kias during ADC test
with norm or ALTN AIR DATA selected.

- 34 12 83 __ (01=Capt, 02=F/0) SPD & MACH flag fails to appear during ADC test.
Test ok with ALTN AIR DATA selected.

- 34 12 84 __ (01=Capt, 02=F/0) SPD & MACH flag fails to appear during ADC test with
normal or ALTN AIR DATA selected.

- 34 12 85 __ (01=Capt, 02=F/0) SPD, MACH & ALTM OFF flags fail to appear during
ADC test.

- 34 12 62 00 ADC test is inop.

- 34 12 XD __ Report air data computer test symptoms or patterns along with fault
code.

AIR DATA COMPUTER TEST (SHEET 1) - LOG BOOK REPORTS

EFFECTIVITY

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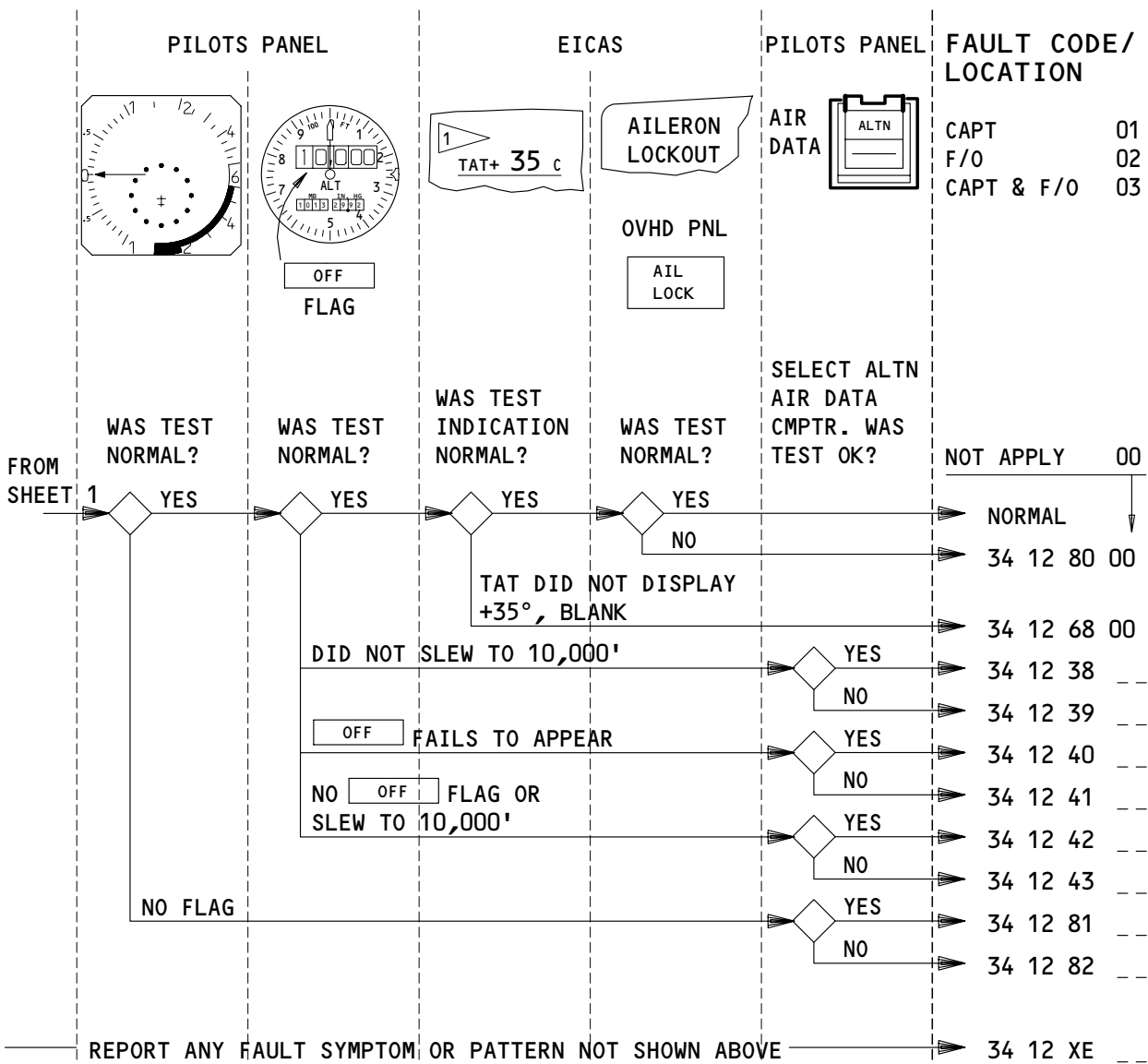
25

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FAULT REPORTING MANUAL



1 TMC MUST BE OFF AND EICAS COMPUTER SELECTED MUST CORRESPOND TO ADC BEING TESTED FOR TAT DISPLAY.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A10	AIR DATA CMPTR L	11E22	(RIGHT) IAS MACH (R)
11A11	AIR DATA AOA SENSOR L	11E23	(RIGHT) ALTM (R)
11A12	AIR DATA BARO CORRECT L	11F30	(RIGHT) AIR DATA CMPTR (R)
11E1	(LEFT) IAS MACH (L)	11F31	(RIGHT) AIR DATA AOA SENSOR (R)
11E2	(LEFT) ALTM (L)	11F32	(RIGHT) AIR DATA BARO CORRECT (R)

AIR DATA COMPUTER TEST (SHEET 2) - FAULT CODES

EFFECTIVITY	
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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 12 80 00	EICAS msg AILERON LOCKOUT did not display and AIL LOCK lgt did not illum during ADC test.
34 12 68 00	ADC test of TAT+35°c on EICAS (did not display, was blank, etc).
34 12 38 --	(01=Capt, 02=F/O) altm fails to read 10,000 ft. during ADC test. Test ok with ALTN AIR DATA selected.
34 12 39 --	(01=Capt, 02=F/O) altm fails to read 10,000 ft. during ADC test with norm or ALTN AIR DATA selected.
34 12 40 --	(01=Capt, 02=F/O) altm OFF flag fails to appear during ADC test. Test ok with ALTN AIR DATA selected.
34 12 41 --	(01=Capt, 02=F/O) altm OFF flag fails to appear during ADC test with norm or ALTN AIR DATA selected.
34 12 42 --	(01=Capt, 02=F/O) altm OFF flag fails to appear and altm fails to read 10,000 ft. during ADC test. Test ok with ALTN AIR DATA selected.
34 12 43 --	(01=Capt, 02=F/O) altm OFF flag fails to appear and altm fails to read 10,000 ft. during ADC test with norm or ALTN AIR DATA selected.
34 12 81 --	(01=Capt, 02=F/O, 03=Capt & F/O) VSI did not display flag(s) during ADC test. Test OK with ALTN AIR DATA selected.
34 12 82 --	(01=Capt, 02=F/O, 03=Capt & F/O) VSI did not display flag(s) during ADC test with norm or ALTN AIR DATA selected.
34 12 XE --	Report air data computer test symptoms or patterns along with fault code.

AIR DATA COMPUTER TEST (SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY

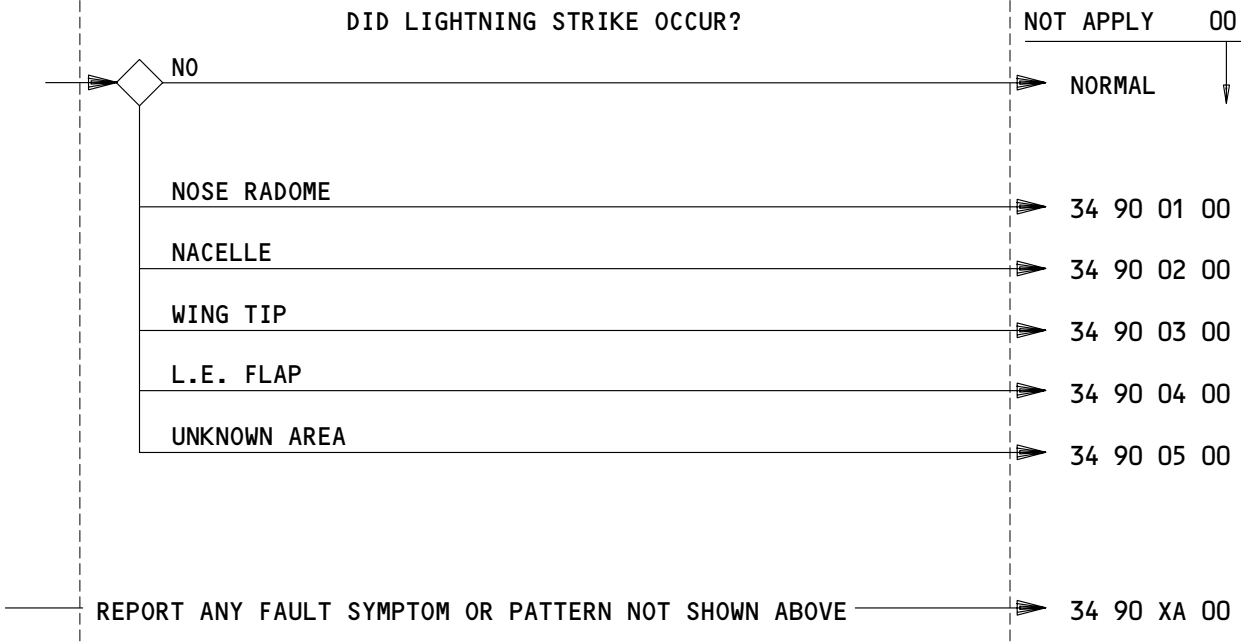
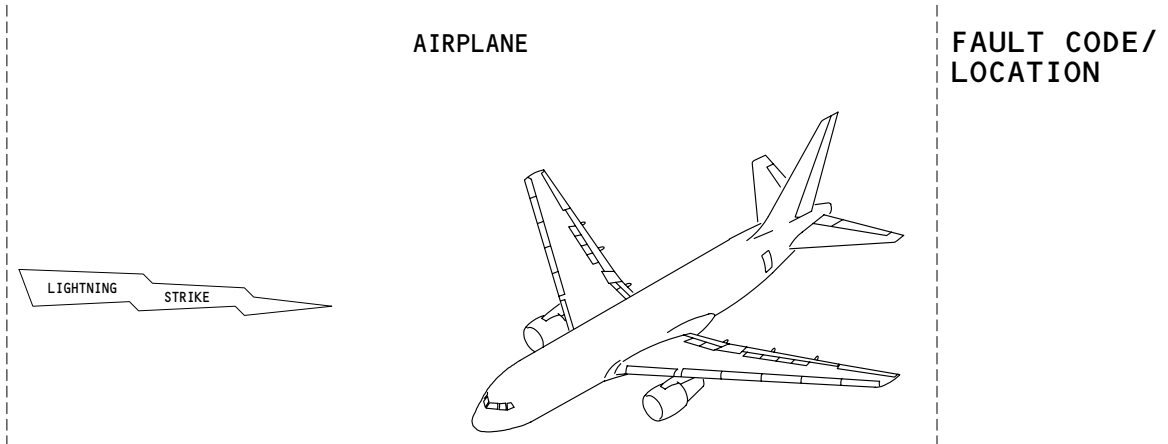
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04

NAVIGATION

PAGE 14E
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BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS
 NONE

LIGHTNING STRIKE - FAULT CODES

EFFECTIVITY
ALL

04

216964

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

34 90 01 00 Lightning strike occurred on the NOSE RADOME.
34 90 02 00 Lightning strike occurred on the NACELLE(S).
34 90 03 00 Lightning strike occurred on the WING TIP(s).
34 90 04 00 Lightning strike occurred on L. E. FLAP(s).
34 90 05 00 Lightning strike occurred on UNKNOWN AREA.

34 90 XA 00 Report lightning strike symptoms or patterns along with fault code.

LIGHTNING STRIKE - LOG BOOK REPORTS

EFFECTIVITY

ALL

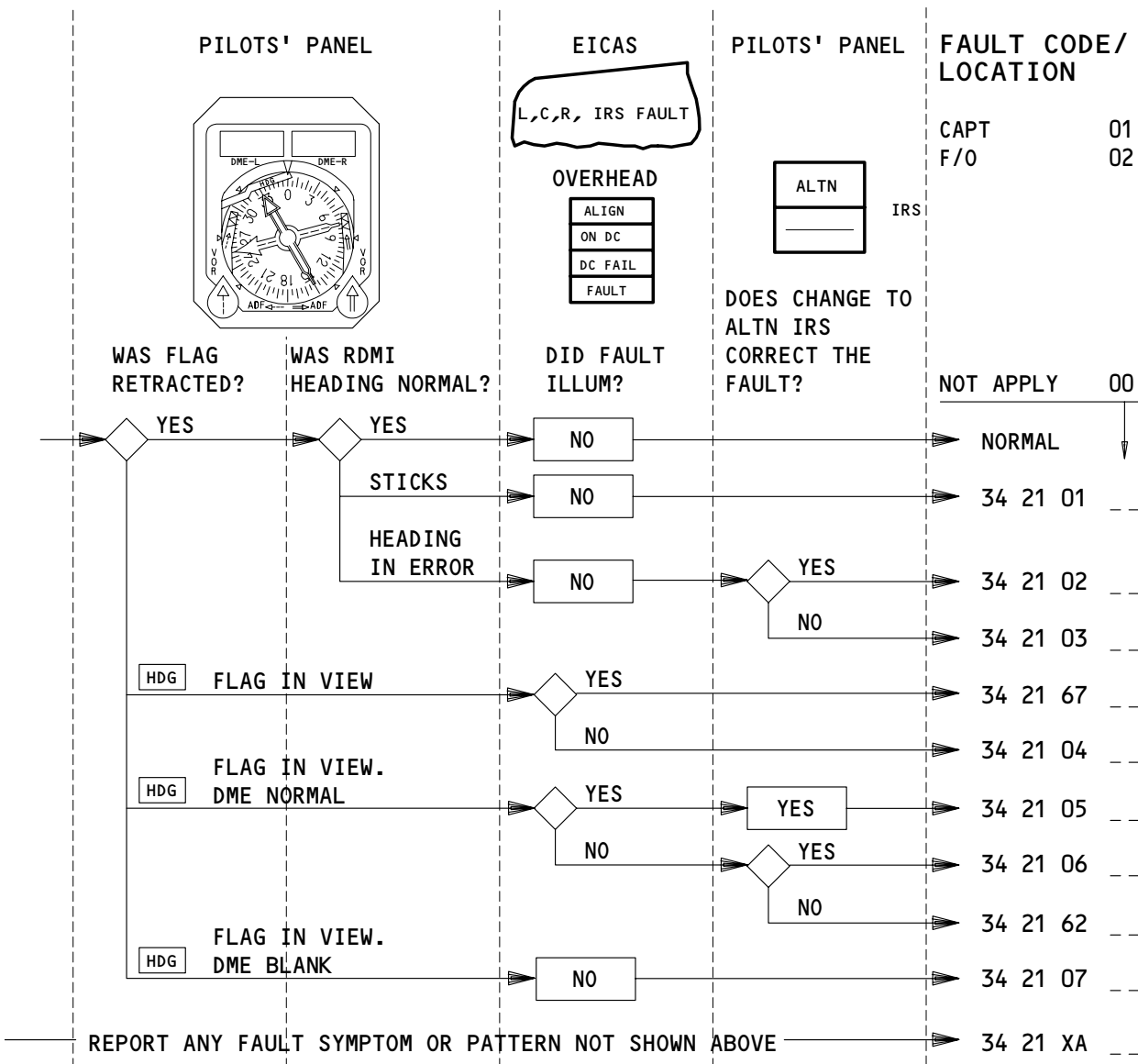
03

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6D3	L IRS	11F1	(LEFT) IRS (L)
6D4	C IRS	11F21	(CENTER) IRS (C)
6D5	R IRS	11F22	(RIGHT) IRS (R)
11A6	RDMI L	11F25	(RIGHT) RDMI (R)

RDMI HEADING - FAULT CODES

EFFECTIVITY

ALL

19

NAVIGATION

PAGE 16
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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 21 01 __	(01=Capt, 02=F/O) RDMI heading card sticks.
34 21 02 __	(01=Capt, 02=F/O) RDMI and opposite EHSI heading in error. Capt's RDMI reads ____, F/O's RDMI reads ____, standby compass reads ____. OK on ALTN IRS.
34 21 03 __	(01=Capt, 02=F/O) RDMI heading in error. Capt reads ____, F/O reads ____, standby compass reads ____. ALTN IRS doesn't correct.
34 21 67 __	(01=Capt, 02=F/O) RDMI HDG flag in view. (L,R) IRS fault is indicated.
34 21 04 __	(01=Capt, 02=F/O) RDMI HDG flag in view. No IRS FAULT indication.
34 21 05 __	(01=Capt, 02=F/O) RDMI HDG flag in view. DME normal. (L, R) IRS fault is indicated. Ok on ALTN IRS.
34 21 06 __	(01=Capt, 02=F/O) RDMI HDG flag in view. DME normal. OK on ALTN IRS.
34 21 62 __	(01=Capt, 02=F/O) RDMI HDG flag in view. DME normal. ALTN IRS doesn't correct.
34 21 07 __	(01=Capt, 02=F/O) RDMI HDG flag in view. DME is blank.
34 21 XA __	Report RDMI heading symptoms or patterns along with fault code.

RDMI HEADING - LOG BOOK REPORTS

EFFECTIVITY

ALL

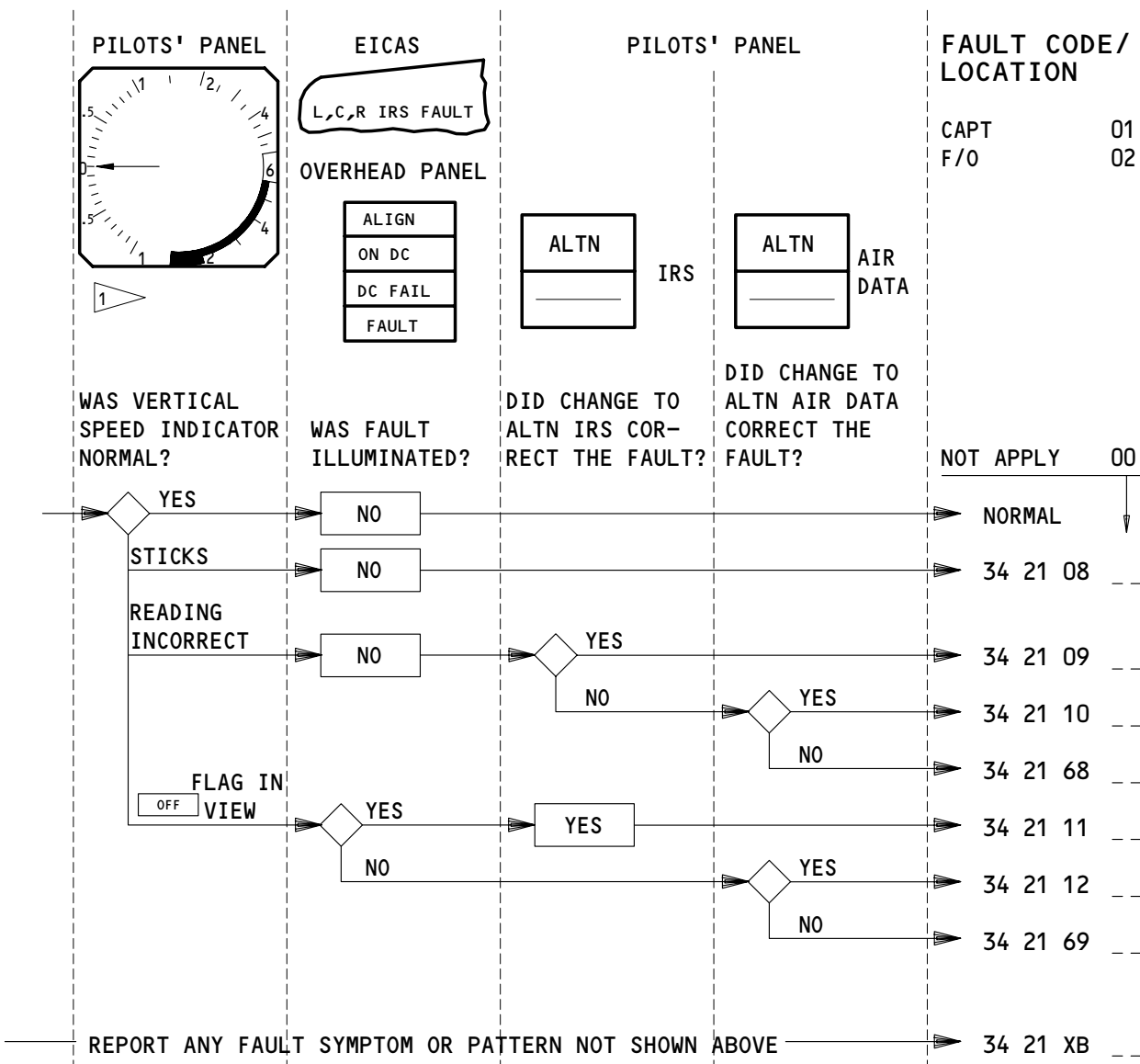
01

NAVIGATION

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 AUG 10/89

BOEING 767

FAULT REPORTING MANUAL



1 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6D3	IRS L	11E26	VSI R
6D4	IRS C	11F1	(LEFT) IRS (L)
6D5	IRS R	11F21	(CENTER) IRS (C)
11E5	(LEFT) VSI (L)	11F22	(RIGHT) IRS (R)

VERTICAL SPEED INDICATOR - FAULT CODES

EFFECTIVITY

ALL

20

NAVIGATION

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AUG 22/00

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 21 08 --	(01=Capt, 02=F/0) vertical speed sticks.
34 21 09 --	(01=Capt, 02=F/0) vertical speed incorrect. Ok on ALTN IRS.
34 21 10 --	(01=Capt, 02=F/0) vertical speed incorrect. ALTN IRS doesn't correct. ALTN AIR DATA corrects.
34 21 68 --	(01=Capt, 02=F/0) vertical speed incorrect. ALTN IRS doesn't correct. ALTN AIR DATA doesn't correct.
34 21 11 --	(01=Capt, 02=F/0) vertical speed OFF flag (VSI FAIL) displayed. (L, R) IRS fault indicated. Ok on ALTN IRS.
34 21 12 --	(01=Capt, 02=F/0) vertical speed OFF flag (VSI FAIL) displayed. ALTN AIR DATA corrects.
34 21 69 --	(01=Capt, 02=F/0) vertical speed OFF flag (VSI FAIL) displayed. ALTN AIR DATA doesn't correct.
34 21 XB --	Report vertical speed indicator symptoms or patterns along with fault code.

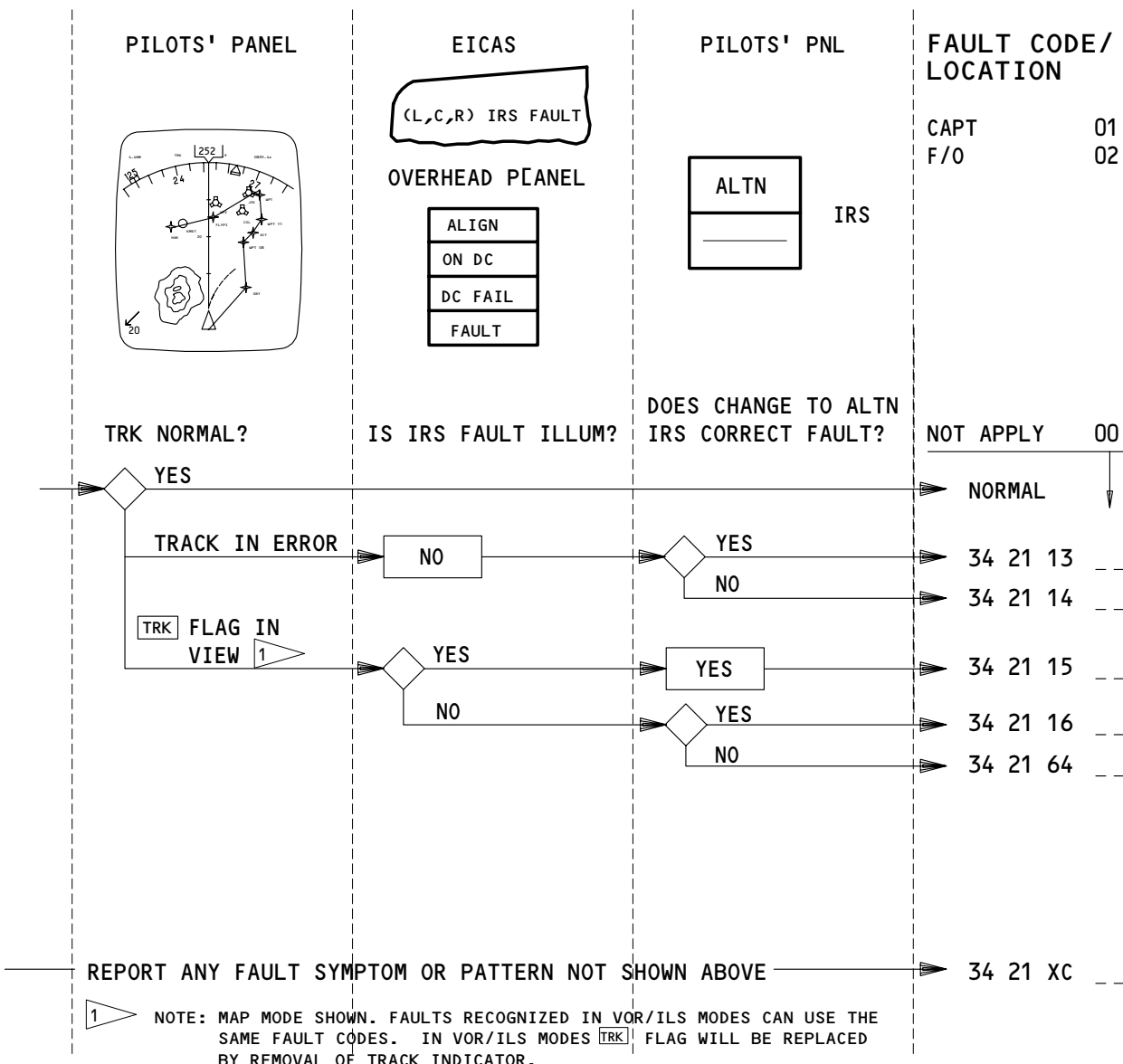
VERTICAL SPEED INDICATOR - LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6D3 L IRS	11E6 (LEFT) HSI (L)	11F9 EFIS SYM GEN (C, CTR)
6D4 C IRS	11E25 (RIGHT) EFIS CONT PNL (R)	11F21 (CENTER) IRS (C)
6D5 R IRS	11E27 (RIGHT) HSI (R)	11F22 (RIGHT) IRS (R)
11A6 RDMI L	11F1 (LEFT) IRS (L)	11F24 (RIGHT) EFIS DSPL SW (R)
11A7 EFIS DSPL SW L	11F3 EFIS DSPL SW L	11F25 (RIGHT) RDMI (R)
11E4 (LEFT) EFIS CONT PNL (L)	11F8 EFIS SYM GEN L	11F29 (RIGHT) EFIS SYM GEN (R)

HSI TRACK - FAULT CODES

EFFECTIVITY

ALL

19

NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 21 13 __	(01=Capt, 02=F/O) HSI track in error. Capt track _____, F/O track _____. Ok on ALTN IRS.
34 21 14 __	(01=Capt, 02=F/O) HSI track in error. Capt track _____, F/O track _____. ALTN IRS doesn't correct.
34 21 15 __	(01=Capt, 02=F/O) HSI track flag in view. IRS fault indicated. Ok on ALTN IRS.
34 21 16 __	(01=Capt, 02=F/O) HSI track flag in view. OK on ALTN IRS.
34 21 64 __	(01=Capt, 02=F/O) HSI track flag in view. ALTN IRS doesn't correct.
34 21 XC __	Report HSI track symptoms or patterns along with fault code.

HSI TRACK - LOG BOOK REPORTS

EFFECTIVITY

ALL

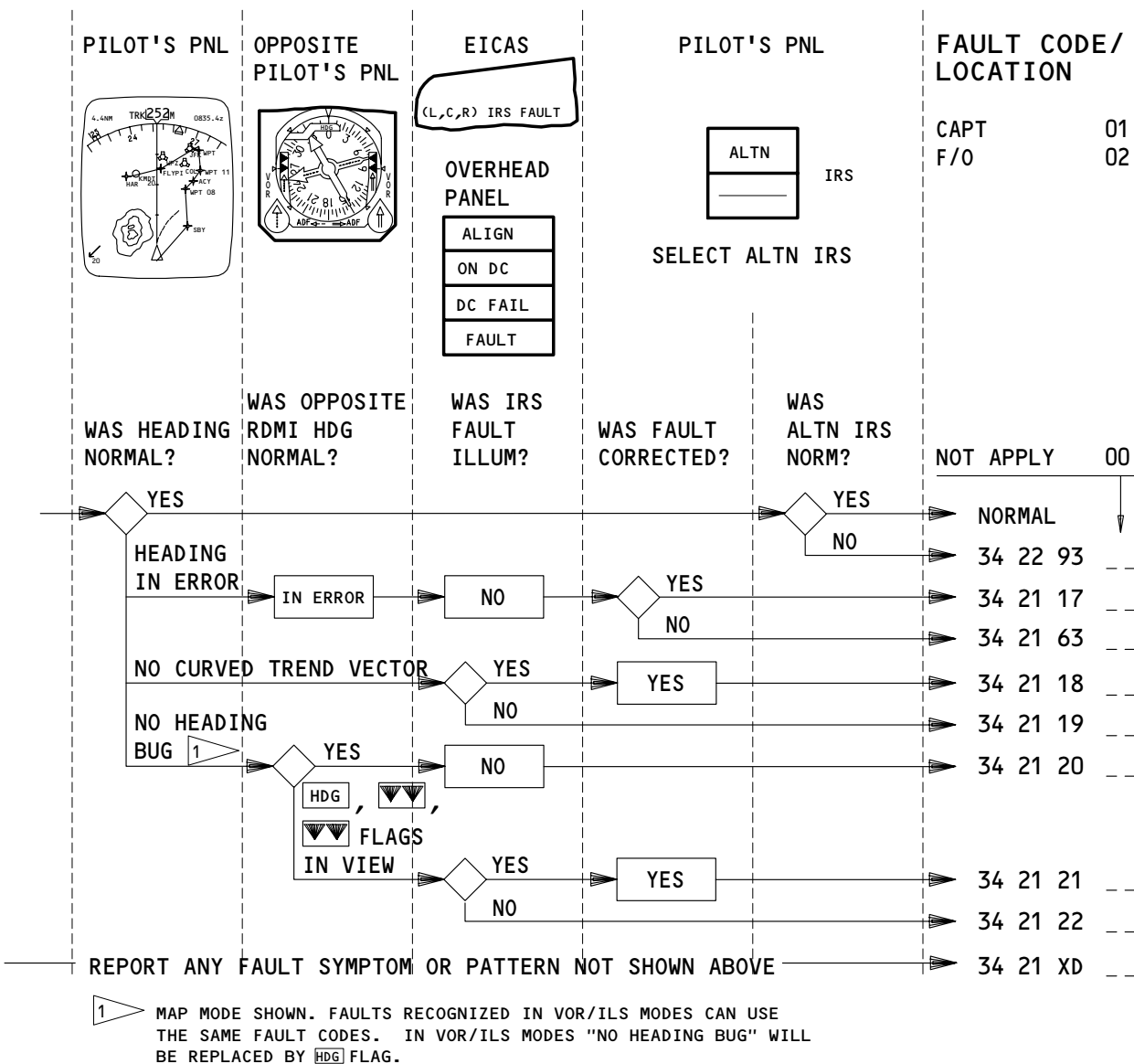
03

NAVIGATION

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AUG 01/82

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6D3	L IRS	11E6	(LEFT) HSI (L)	11F9	EFIS SYM GEN (C, CTR)
6D4	C IRS	11E25	(RIGHT) EFIS CONT PNL (R)	11F21	(CENTER) IRS (C)
6D5	R IRS	11E27	(RIGHT) HSI (R)	11F22	(RIGHT) IRS (R)
11A6	RDMI L	11F1	(LEFT) IRS (L)	11F24	(RIGHT) EFIS DSPL SW (R)
11A7	EFIS DSPL SW L	11F3	EFIS DSPL SW L	11F25	(RIGHT) RDMI (R)
11E4	(LEFT) EFIS CONT PNL (L)	11F8	EFIS SYM GEN L	11F29	(RIGHT) EFIS SYM GEN (R)

HSI HEADING, TREND VECTOR, & ALTN IRS - FAULT CODES

EFFECTIVITY

ALL

19

NAVIGATION

PAGE 22
NOV 10/96

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 22 93 __	Selecting (01=Capt, 02=F/O) ALTN IRS not norm. (Describe)
34 21 17 __	(01=Capt, 02=F/O) HSI heading bug in error. Capt HSI heading _____, F/O RDMI heading _____. Standby compass heading _____. OK on ALTN IRS.
34 21 63 __	(01=Capt, 02=F/O) HSI heading bug in error. Capt HSI heading _____. F/O RDMI heading _____. Standby compass heading _____. ALTN IRS doesn't correct.
34 21 18 __	(01=Capt, 02=F/O) HSI curved trend vector missing. IRS fault illum. Ok on ALTN IRS.
34 21 19 __	(01=Capt, 02=F/O) HSI curved trend vector missing.
34 21 20 __	(01=Capt, 02=F/O) HSI heading bug missing. Opposite RDMI hdg normal.
34 21 21 __	(01=Capt, 02=F/O) HSI heading bug missing. HDG and VOR flags in view on opposite RDMI. IRS fault illum. Ok on ALTN IRS.
34 21 22 __	(01=Capt, 02=F/O) HSI heading bug missing. HDG and VOR flags in view on opposite RDMI.
34 21 XD __	Report HSI heading, trend vector & ALTN IRS symptoms or patterns along with fault code.

HSI HEADING, TREND VECTOR & ALTN IRS – LOG BOOK REPORTS

EFFECTIVITY

ALL

03

NAVIGATION

PAGE 22A
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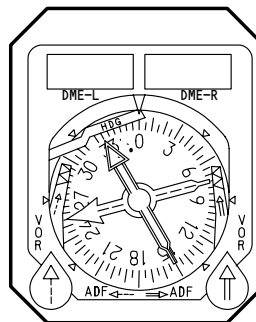
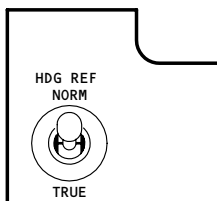
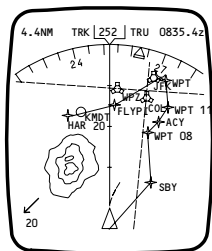
BOEING 767

FAULT REPORTING MANUAL

PILOT'S PANEL

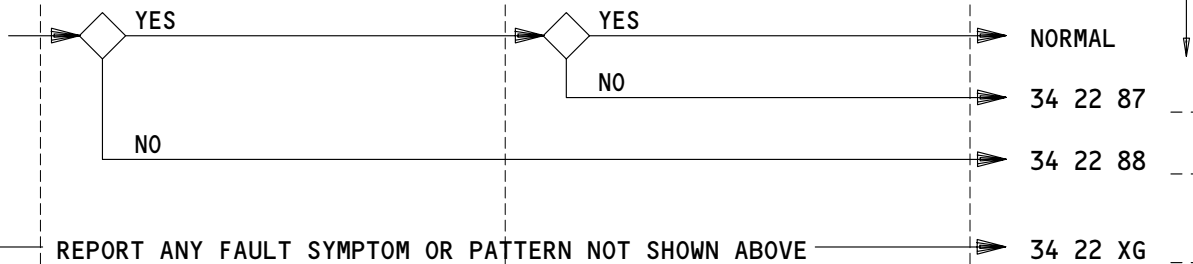
FAULT CODE/ LOCATION

CAPT 01
F/O 02
CAPT & F/O 03



1 WITH SW PLACED IN TRUE, WERE INSTR CHANGES NORM?

1 WITH AIRPLANE ABOVE 73°N OR BELOW 60°S WERE INSTR CHANGES NORM?



NOT APPLY 00

NORMAL

34 22 87

34 22 88

34 22 XG

- 1 WITH SW IN TRUE:
- HSI & RDMI TRUE HEADING DISPLAYED.
 - IF AFDS IS IN HDG SEL, WILL CHANGE TO HDG HOLD.
- WITH SW IN NORM AND ABOVE 73°N OR BELOW 60°S:
- SAME AS ABOVE EXCEPT RDMI HDG FLAG IN VIEW.

2 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6D3	L IRS	11E6	(LEFT) HSI (L)	11F21	(CENTER) IRS (C)
6D4	C IRS	11E25	(RIGHT) EFIS CONT PNL (R)	11F22	(RIGHT) IRS (R)
6D5	R IRS	11E27	(RIGHT) HSI (R)	11F24	(RIGHT) EFIS DSPL SW (R)
11A1	VOR/MKR L	11E33	(RIGHT) VOR (R)	11F25	(RIGHT) RDMI (R)
11A6	RDMI L	11F1	(LEFT) IRS (L)	11F29	(RIGHT) EFIS SYM GEN (R)
11A7	EFIS DSPL SW L	11F8	EFIS SYM GEN L		
11E4	(LEFT) EFIS CONT PNL (L)	11F9	EFIS SYM GEN (C, CTR)		

HEADING REFERENCE – FAULT CODES

EFFECTIVITY

ALL

19

NAVIGATION

PAGE 22B
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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 34 22 87 -- (01=Capt, 02=F/O, 03=Capt & F/O) HSI and (opposite side, both) RDMI failed to indicate change to true heading when (above 73°N, below 60°S). System normal with HDG REF sw in TRUE.
- 34 22 88 -- (01=Capt, 02=F/O, 03=Capt & F/O) HSI and (opposite side, both) RDMI failed to indicate change to true heading with HDG REF sw in TRUE.
- 34 22 XG -- Report heading reference symptoms or patterns along with fault code.

HEADING REFERENCE - LOG BOOK REPORTS

EFFECTIVITY

ALL

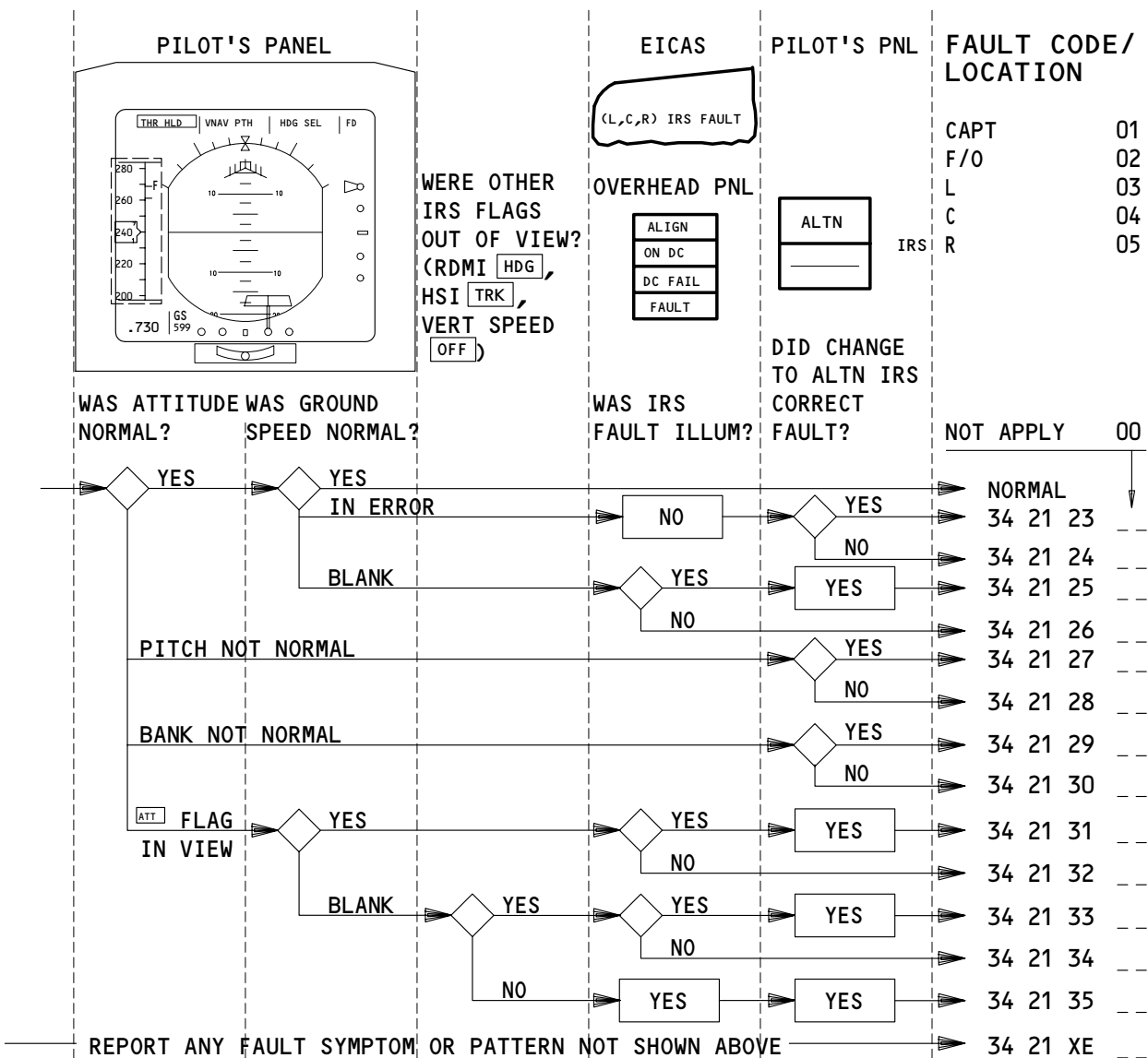
07

NAVIGATION

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NOV 10/96

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6D3	L IRS	11E6	(LEFT) HSI (L)	11F9	EFIS SYM GEN (C, CTR)
6D4	C IRS	11E25	(RIGHT) EFIS CONT PNL (R)	11F21	(CENTER) IRS (C)
6D5	R IRS	11E27	(RIGHT) HSI (R)	11F22	(RIGHT) IRS (R)
11A6	RDMI L	11F1	(LEFT) IRS (L)	11F24	(RIGHT) EFIS DSPL SW (R)
11A7	EFIS DSPL SW L	11F3	EFIS DSPL SW L	11F25	(RIGHT) RDMI (R)
11E4	(LEFT) EFIS CONT PNL (L)	11F8	EFIS SYM GEN L	11F29	(RIGHT) EFIS SYM GEN (R)

ADI ATTITUDE AND GROUND SPEED - FAULT CODES

EFFECTIVITY

ALL

55

NAVIGATION

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NOV 10/96

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 21 23 --	(01=Capt, 02=F/0) ADI ground speed in error. Capt ground speed reads ____, F/0 ground speed reads _____. Ok on ALTN IRS.
34 21 24 --	(01=Capt, 02=F/0) ADI ground speed in error. ALTN IRS doesn't correct.
34 21 25 --	(01=Capt, 02=F/0) ADI ground speed blank. (L,R) IRS fault indicated. Ok on ALTN IRS.
34 21 26 --	(01=Capt, 02=F/0) ADI ground speed blank.
34 21 27 --	(01=Capt, 02=F/0) ADI pitch (describe problem: indicates excessive pitch, oscillates, drifts, etc). Ok on ALTN IRS.
34 21 28 --	(01=Capt, 02=F/0) ADI pitch (describe problem: indicates excessive pitch, oscillates, drifts, etc). ALTN IRS doesn't correct.
34 21 29 --	(01=Capt, 02=F/0) ADI bank (describe problem: indicates excessive bank, oscillates, drifts, etc). Ok on ALTN IRS.
34 21 30 --	(01=Capt, 02=F/0) ADI bank (describe problem: indicates excessive bank, oscillates, drifts, etc). ALTN IRS doesn't correct.
34 21 31 --	(01=Capt, 02=F/0) ADI ATT flag in view. (L, R) IRS fault indicated. Ok on ALTN IRS.
34 21 32 --	(01=Capt, 02=F/0) ADI ATT flag in view.
34 21 33 --	(01=Capt, 02=F/0) ADI ATT flag in view and ground speed blank. (L, R) IRS fault indicated. Ok on ALTN IRS.
34 21 34 --	(01=Capt, 02=F/0) ADI ATT flag in view and ground speed blank.
34 21 35 --	(01=Capt, 02=F/0) ADI ATT flag in view and ground speed blank. RDMI HDG flag, HSI TRK flag, and vert speed OFF flag also in view. (L, R) IRS fault indicated. Ok on ALTN IRS.
34 21 XE --	Report ADI attitude and ground speed symptoms or patterns along with fault code.

ADI ATTITUDE AND GROUND SPEED - LOG BOOK REPORTS

EFFECTIVITY

ALL

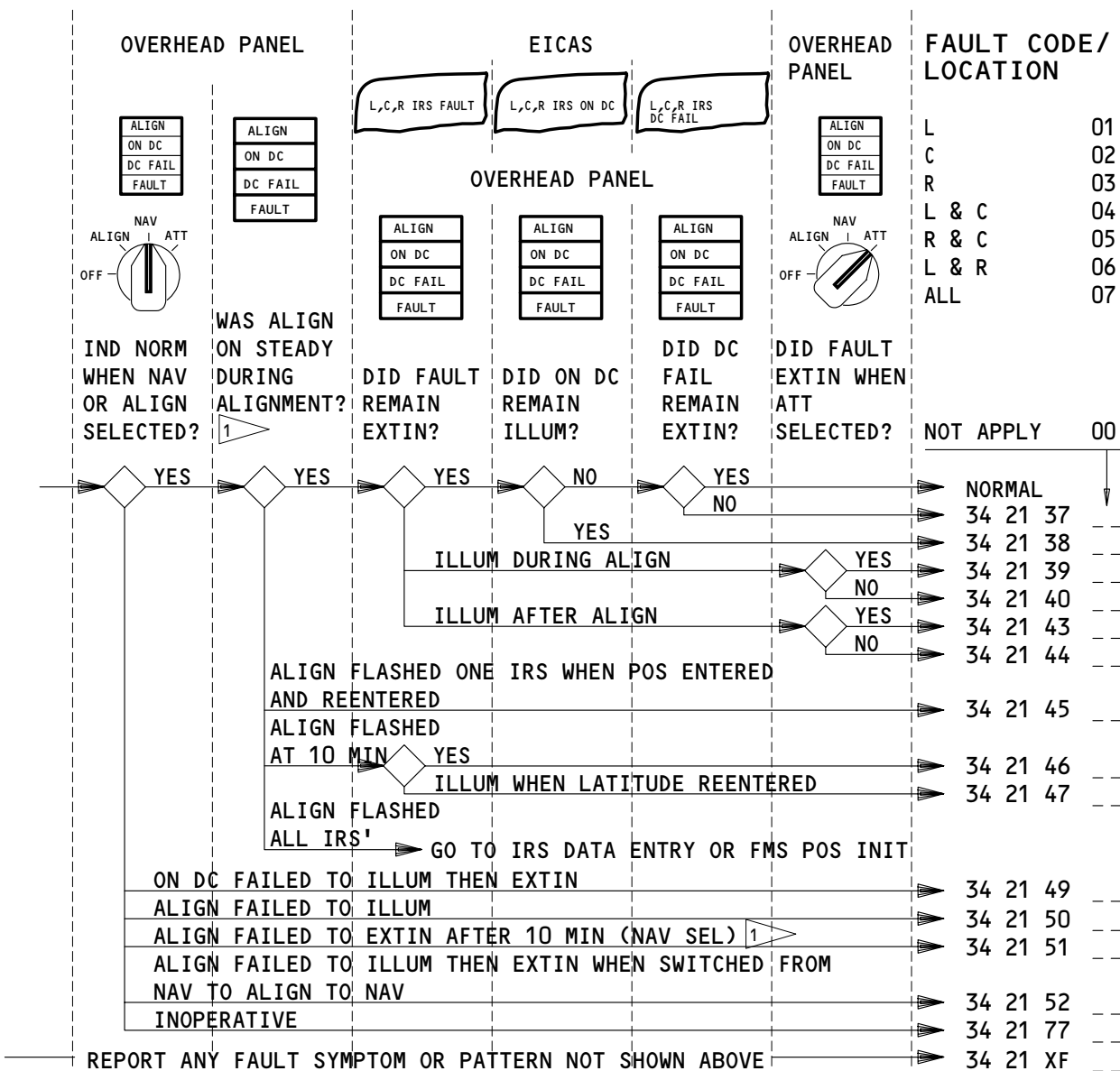
03

NAVIGATION

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 MAY 10/96

BOEING 767

FAULT REPORTING MANUAL



NOTE: THE FOLLOWING WILL CAUSE ALIGN TO FLASH:

- ENTERED LONG FAILS TO MATCH LAST POS OF IRS.
- ENTERED LAT FAILS TO MATCH IRS CALCULATED LAT.
- FAILS TO INITIALIZE AFTER INITIALIZATION PROCEDURE COMPLETE.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6D3	L IRS	6D5	R IRS	11F21	(CENTER) IRS (C)
6D4	C IRS	11F1	(LEFT) IRS (L)	11F22	(RIGHT) IRS (R)

IRS ALIGN FAULTS - FAULT CODES

EFFECTIVITY

ALL

NAVIGATION

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NOV 10/96

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 21 37 --	(01=L, 02=C, 03=R, 07=All) IRS indicate(s) IRS DC FAIL.
34 21 38 --	(01=L, 02=C, 03=R, 07=All) IRS indicate(s) IRS ON DC.
34 21 39 --	During alignment (01=L, 02=C, 03=R,) IRS indicated IRS FAULT. Selecting ATT extinguished FAULT.
34 21 40 --	During alignment (01=L, 02=C, 03=R,) IRS indicated IRS FAULT. FAULT remained illum with ATT selected.
34 21 43 --	After alignment (01=L, 02=C, 03=R,) IRS indicated IRS FAULT. Selecting ATT extinguished FAULT.
34 21 44 --	After alignment (01=L, 02=C, 03=R,) IRS indicated IRS FAULT. FAULT remained illum with ATT selected.
34 21 45 --	(01=L, 02=C, 03=R, 04=L & C, 05=R & C, 06=L & R, 07=All) ALIGN flashed when pos entered and reentered.
34 21 46 --	(01=L, 02=C, 03=R, 04=L & C, 05=R & C, 06=L & R, 07=All) ALIGN flashed approx 10 min after align entered. IRS FAULT remained extin.
34 21 47 --	(01=L, 02=C, 03=R, 04=L & C, 05=R & C, 06=L & R, 07=All) ALIGN flashed approx 10 min after align entered. IRS FAULT illuminated when latitude was reentered.
34 21 49 --	ON DC failed to illum then extin on (01=L, 02=C, 03=R) IRS when align initiated.
34 21 50 --	ALIGN failed to illum on (01=L, 02=R, 03=R) IRS when align initiated.
34 21 51 --	ALIGN failed to extin on (01=L, 02=C, 03=R) IRS when NAV entered. NAV selected when turned on.
34 21 52 --	ALIGN failed to illum then extin on (01=L, 02=C, 03=R) IRS when switched from NAV to ALIGN to NAV.
34 21 77 --	(01=L, 02=C, 03=R) IRS inoperative.
34 21 XF --	Report IRS align faults symptoms or patterns along with fault code.

IRS ALIGN FAULTS - LOG BOOK REPORTS

EFFECTIVITY

ALL

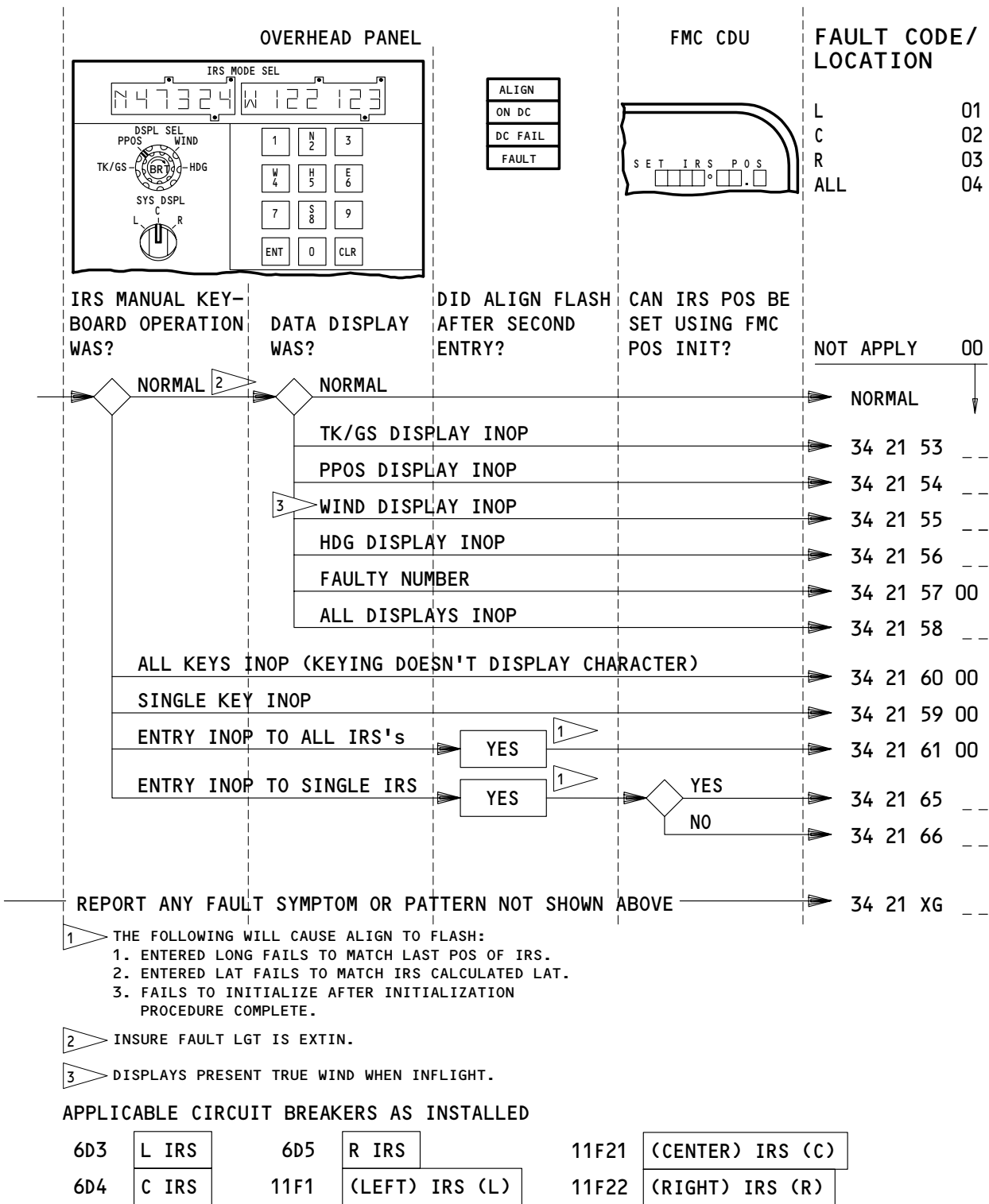
03

NAVIGATION

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FEB 01/84

BOEING 767

FAULT REPORTING MANUAL



IRS DATA ENTRY AND DISPLAY - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 21 53 --	TK/GS display on IRS panel is inop from (01=L, 02=C, 03=R, 04=all) IRS system(s).
34 21 54 --	PPOS display on IRS panel is inop from (01=L, 02=C, 03=R, 04=all) IRS system(s).
34 21 55 --	WIND display on IRS panel is inop from (01=L, 02=C, 03=R, 04=all) IRS system(s).
34 21 56 --	HDG display on IRS panel is inop from (01=L, 02=C, 03=R, 04=all) IRS system(s).
34 21 57 00	The number in (describe position) is (describe problem: segment missing, blank, cycling, etc) on IRS panel.
34 21 58 --	All displays on IRS panel are inop from (01=L, 02=C, 03=R, 04=all) IRS system(s).
34 21 60 00	All keys are inop on IRS panel.
34 21 59 00	(Describe key: 1, 2, 3, etc) key is inop on IRS panel.
34 21 61 00	Align lgt flashes on all IRS's after second pos entry from IRS panel.
34 21 65 --	Align lgt flashes on (01=L, 02=C, 03=R) IRS after second pos entry from IRS panel. IRS pos entry from FMC OK.
34 21 66 --	Align lgt flashes on (01=L, 02=C, 03=R) IRS after second pos entry from IRS. IRS pos entry from FMC unsuccessful.
34 21 XG --	Report IRS data entry and display symptoms and patterns along with fault code.

IRS DATA ENTRY AND DISPLAY - LOG BOOK REPORTS

EFFECTIVITY

ALL

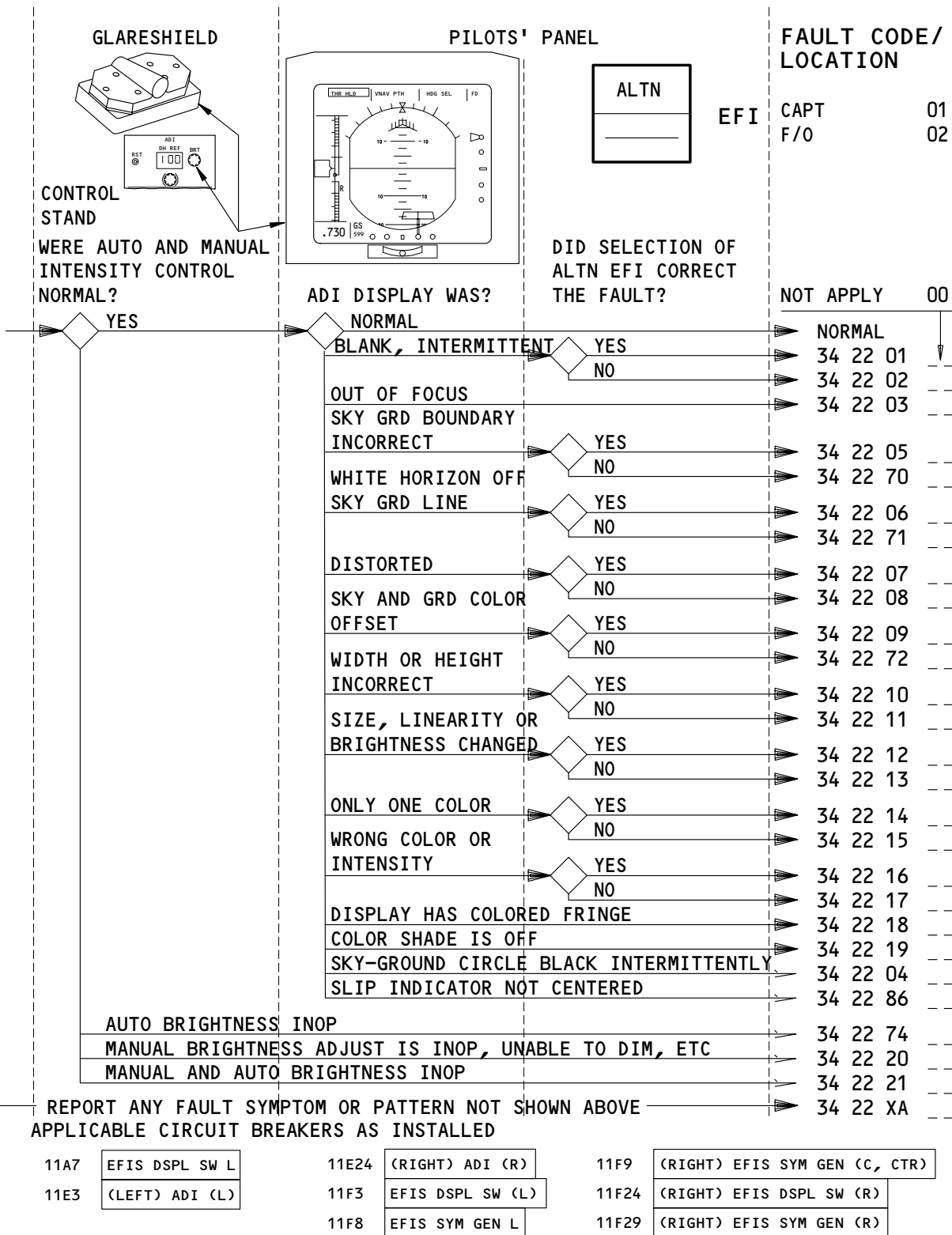
05

NAVIGATION

PAGE 28A
FEB 10/92

BOEING 767

FAULT REPORTING MANUAL



ADI DISPLAY - FAULT CODES

EFFECTIVITY
ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 22 01 --	(01=Capt, 02=F/0) ADI is (blank, intermittent). Selecting ALTN EFI corrects the fault.
34 22 02 --	(01=Capt, 02=F/0) ADI is (blank, intermittent). Selecting ALTN EFI doesn't correct the fault.
34 22 03 --	(01=Capt, 02=F/0) ADI is out of focus.
34 22 05 --	(01=Capt, 02=F/0) ADI sky ground boundary is incorrect. Selecting ALTN EFI corrects the fault.
34 22 70 --	(01=Capt, 02=F/0) ADI sky ground boundary is incorrect. Selecting ALTN EFI doesn't correct the fault.
34 22 06 --	(01=Capt, 02=F/0) ADI white horizon is off the sky ground line. Selecting ALTN EFI corrects the fault.
34 22 71 --	(01=Capt, 02=F/0) ADI white horizon is off the sky ground line. Selecting ALTN EFI doesn't correct the fault.
34 22 07 --	(01=Capt, 02=F/0) ADI is distorted. Selecting ALTN EFI corrects the fault.
34 22 08 --	(01=Capt, 02=F/0) ADI is distorted. Selecting ALTN EFI doesn't correct the fault.
34 22 09 --	(01=Capt, 02=F/0) ADI sky and ground colors are offset. Selecting ALTN EFI corrects the fault.
34 22 72 --	(01=Capt, 02=F/0) ADI sky and ground colors are offset. Selecting ALTN EFI doesn't correct the fault.
34 22 10 --	(01=Capt, 02=F/0) ADI (width, height) is incorrect. Selecting ALTN EFI corrects the fault.
34 22 11 --	(01=Capt, 02=F/0) ADI (width, height) is incorrect. Selecting ALTN EFI doesn't correct the fault.
34 22 12 --	(01=Capt, 02=F/0) ADI size and (linearity, brightness) changed. Selecting ALTN EFI corrects the fault.
34 22 13 --	(01=Capt, 02=F/0) ADI size and (linearity, brightness) changed. Selecting ALTN EFI doesn't correct the fault.
34 22 14 --	(01=Capt, 02=F/0) ADI is only one color. Selecting ALTN EFI corrects the fault.
34 22 15 --	(01=Capt, 02=F/0) ADI is only one color. Selecting ALTN EFI doesn't corrects the fault.
34 22 16 --	(01=Capt, 02=F/0) ADI is wrong (color, intensity). Selecting ALTN EFI corrects the fault.
34 22 17 --	(01=Capt, 02=F/0) ADI is wrong (color, intensity). Selecting ALTN EFI doesn't correct the fault.
34 22 18 --	(01=Capt, 02=F/0) ADI has a colored fringe on the display.

ADI DISPLAY (SHEET 1) - LOG BOOK REPORTS

EFFECTIVITY

ALL

03

NAVIGATION

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 FEB 10/91

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 22 19 __	(01=Capt, 02=F/0) ADI color shade is off.
34 22 04 __	(01=Capt, 02=F/0) ADI sky-grd circle goes black (intermittently).
34 22 86 __	(01=Capt, 02=F/0) slip indicator not centered.
34 22 74 __	(01=Capt, 02=F/0) ADI auto brightness is inop.
34 22 20 __	(01=Capt, 02=F/0) ADI manual brightness adjust is inop.
34 22 21 __	(01=Capt, 02=F/0) ADI manual and auto brightness are inop.
34 22 XA __	Report ADI display symptoms and patterns along with fault code.

ADI DISPLAY (SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY

ALL

03

NAVIGATION

PAGE 30
DEC 22/00

BOEING 767
FAULT REPORTING MANUAL

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28969

EFFECTIVITY

ALL

03

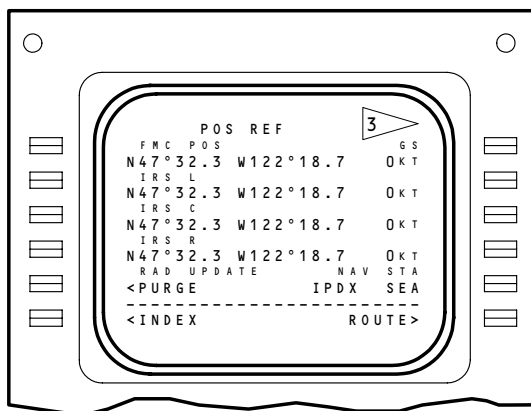
NAVIGATION

PAGE 30A
FEB 10/92

BOEING 767

FAULT REPORTING MANUAL

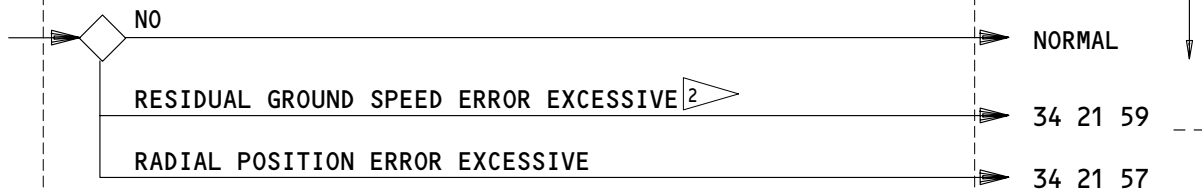
FMC-CDU



FAULT CODE/
LOCATION

L 01
C 02
R 03

WAS IRS RESIDUAL GOUNDSPEED ERROR OR
RADIAL POSITION ERROR EXCESSIVE? 1



REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE → 34 21 XF

1 SEE IRS ACCURACY CHECKS FOR RESIDUAL GOUNDSPEED/RADIAL
POSITION ERROR LIMITS.

2 FMC "FREEZE" CAN CAUSE FMC-CDU TO DISPLAY EXCESSIVE GROUND SPEED.
VERIFY RESIDUAL GROUND SPEED USING IRMP.

3 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS

NONE

IRS ACCURACY – FAULT CODES

EFFECTIVITY

ALL

03

NAVIGATION

PAGE 30B
APR 22/03

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

34 21 59 -- (01=L, 02=C, 03=R) IRS residual groundspeed error excessive,
(indicate G.S. error, No. of flights).

34 21 57 -- (01=L, 02=C, 03=R) IRS residual position error excessive,
(indicate NM error, time in nav & No. of flights).

| 34 21 XF -- Report IRS accuracy symptoms or patterns along with fault code.

IRS ACCURACY - LOG BOOK REPORTS

EFFECTIVITY

ALL

03

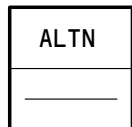
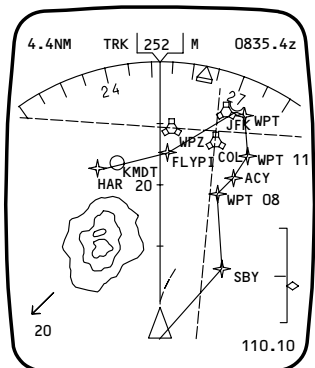
NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL

PILOTS PANEL



FAULT CODE/ LOCATION

CAPT 01
F/O 02

WAS HSI DISPLAY NORMAL?

DID SELECTION OF ALTN EFI
CORRECT THE FAULT?

NOT APPLY 00

<input checked="" type="checkbox"/> YES			
BLANK, INTERMITTENT	<input type="checkbox"/> YES	→	NORMAL
	<input type="checkbox"/> NO	→	34 22 22
OUT OF FOCUS		→	34 22 23
DISTORTED	<input type="checkbox"/> YES	→	34 22 24
	<input type="checkbox"/> NO	→	34 22 26
WIDTH OR HEIGHT INCORRECT	<input type="checkbox"/> YES	→	34 22 27
SIZE CHANGED, LINEARITY	<input type="checkbox"/> NO	→	34 22 28
OR BRIGHTNESS ALSO CHANGED	<input type="checkbox"/> YES	→	34 22 29
	<input type="checkbox"/> NO	→	34 22 30
DISPLAY IS ONLY ONE COLOR	<input type="checkbox"/> YES	→	34 22 31
DISPLAY IS WRONG COLOR OR	<input type="checkbox"/> NO	→	34 22 32
INTENSITY	<input type="checkbox"/> YES	→	34 22 33
	<input type="checkbox"/> NO	→	34 22 34
DISPLAY HAS COLORED FRINGE		→	34 22 35
COLOR SHADE IS OFF		→	34 22 36
AUTO BRIGHTNESS INOP.		→	34 22 37
MANUAL BRIGHTNESS ADJUST IS INOP.		→	34 22 77
MANUAL AND AUTO BRIGHTNESS INOP.		→	34 22 38
		→	34 22 39
REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE			→ 34 22 XB

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A7 EFIS DSPL SW L	11F8 EFIS SYM GEN (L)
11E6 (LEFT) HSI (L)	11F9 EFIS SYM GEN (CTR, C)
11E27 (RIGHT) HSI (R)	11F24 (RIGHT) EFIS DSPL SW (R)
11F3 EFIS DSPL SW (L)	11F29 (RIGHT) EFIS SYM GEN (R)

HSI DISPLAY - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | 34 22 22 __ (01=Capt, 02=F/0) HSI is (blank, intermittent). Selecting ALTN EFI corrects the fault.
- | 34 22 23 __ (01=Capt, 02=F/0) HSI is (blank, intermittent). Selecting ALTN EFI doesn't correct the fault.
- 34 22 24 __ (01=Capt, 02=F/0) HSI is out of focus.
- 34 22 26 __ (01=Capt, 02=F/0) HSI is distorted. Selecting ALTN EFI corrects the fault.
- 34 22 27 __ (01=Capt, 02=F/0) HSI is distorted. Selecting ALTN EFI doesn't correct the fault.
- 34 22 28 __ (01=Capt, 02=F/0) HSI (width, height) is incorrect. Selecting ALTN EFI corrects the fault.
- 34 22 29 __ (01=Capt, 02=F/0) HSI (width, height) is incorrect. Selecting ALTN EFI doesn't correct the fault.
- 34 22 30 __ (01=Capt, 02=F/0) HSI size and (linearity, brightness) changed. Selecting ALTN EFI corrects the fault.
- 34 22 31 __ (01=Capt, 02=F/0) HSI size and (linearity, brightness) changed. Selecting ALTN EFI doesn't correct the fault.
- 34 22 32 __ (01=Capt, 02=F/0) HSI is only one color. Selecting ALTN EFI corrects the fault.
- 34 22 33 __ (01=Capt, 02=F/0) HSI is only one color. Selecting ALTN EFI doesn't correct the fault.
- 34 22 34 __ (01=Capt, 02=F/0) HSI is wrong (color, intensity). Selecting ALTN EFI corrects the fault.
- 34 22 35 __ (01=Capt, 02=F/0) HSI is wrong (color, intensity). Selecting ALTN EFI doesn't correct the fault.
- 34 22 36 __ (01=Capt, 02=F/0) HSI has a colored fringe on the display.
- 34 22 37 __ (01=Capt, 02=F/0) HSI color shade is off.
- 34 22 77 __ (01=Capt, 02=F/0) HSI auto brightness is inop.
- 34 22 38 __ (01=Capt, 02=F/0) HSI manual brightness adjust is inop.
- 34 22 39 __ (01=Capt, 02=F/0) HSI manual and auto brightness are inop.
- | 34 22 XB __ Report HSI display symptoms and patterns along with fault code.

| **HSI DISPLAY - LOG BOOK REPORTS**

EFFECTIVITY

ALL

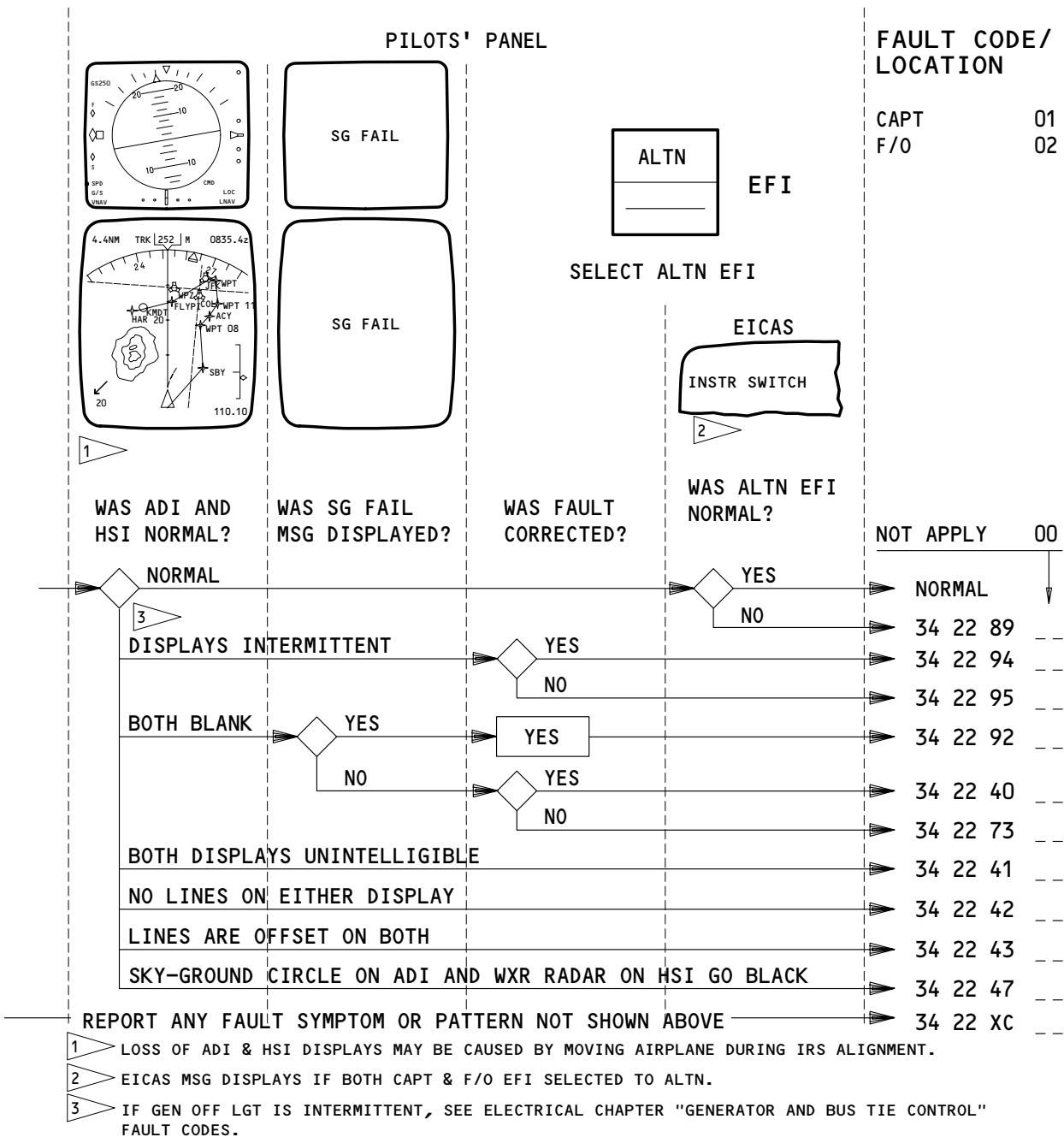
03

NAVIGATION

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 NOV 01/86

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED			
11E3	(LEFT) ADI (L)	11E27	(RIGHT) HSI (R)
11E6	(LEFT) HSI (L)	11F3	(LEFT) EFIS DISP SW
11E24	(RIGHT) ADI (R)	11F8	EFIS SYM GEN L
		11F9	EFIS SYM GEN (C, CTR)
		11F10	EFIS INSTR CMPTR
		11F24	(RIGHT) EFIS DISP SW (R)
		11F29	(RIGHT) EFIS SYM GEN (R)

ALTN EFI, ADI AND HSI - FAULT CODES

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 22 89 __	Selecting (01=Capt, 02=F/0) ALTN EFI not norm. (Describe)
34 22 94 __	(01=Capt, 02=F/0) ADI and HSI displays intermittent. Displays normal on ALTN EFI.
34 22 95 __	(01=Capt, 02=F/0) ADI and HSI displays intermittent. Cond same on ALTN EFI.
34 22 92 __	(01=Capt, 02=F/0) ADI and HSI are blank with SG FAIL message displayed in both indicators. Selecting ALTN EFI corrects fault.
34 22 40 __	(01=Capt, 02=F/0) ADI and HSI are blank. Selecting ALTN EFI corrects the fault.
34 22 73 __	(01=Capt, 02=F/0) ADI and HSI are blank. Selecting ALTN EFI doesn't correct the fault.
34 22 41 __	(01=Capt, 02=F/0) ADI and HSI displays are unintelligible.
34 22 42 __	(01=Capt, 02=F/0) ADI and HSI have no lines on the display.
34 22 43 __	(01=Capt, 02=F/0) ADI and HSI lines are offset.
34 22 47 __	(01=Capt, 02=F/0) sky-grd circle on ADI and WXR radar on HSI go black.
34 22 XC __	Report altn EFI, ADI and HSI symptoms or patterns along with fault code.

ALTN EFI, ADI AND HSI - LOG BOOK REPORTS

EFFECTIVITY

ALL

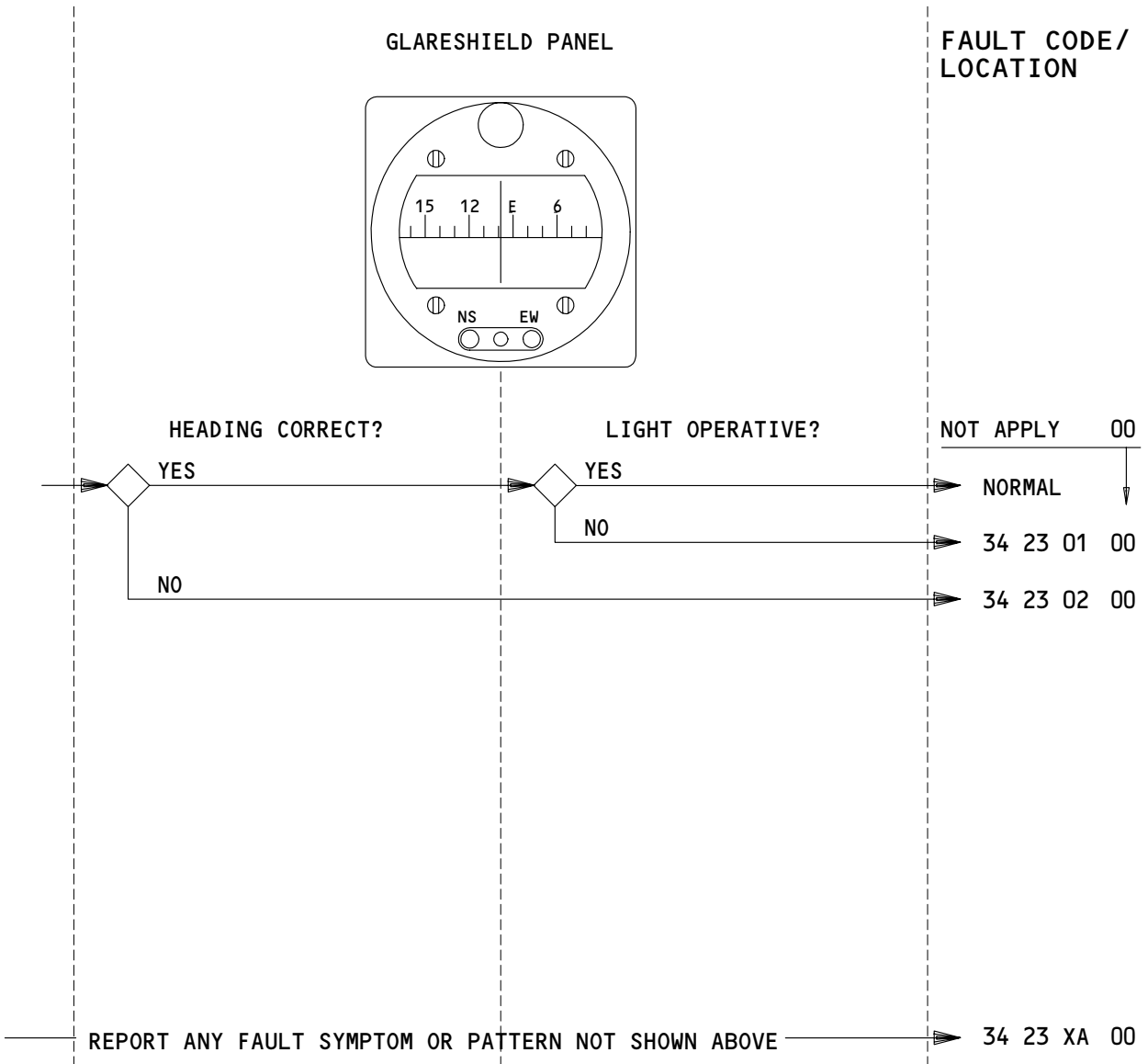
03

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11B7 LIGHTS STBY INSTR

STANDBY COMPASS – FAULT CODES

EFFECTIVITY
ALL

03

NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

| 34 23 01 00 Stby compass lgt inoperative.

| 34 23 02 00 Stby compass heading incorrect. Reads ____, should read ____.

34 23 XA 00 Report standby compass symptoms or patterns along with fault code.

STANDBY COMPASS - LOG BOOK REPORTS

EFFECTIVITY

ALL

03

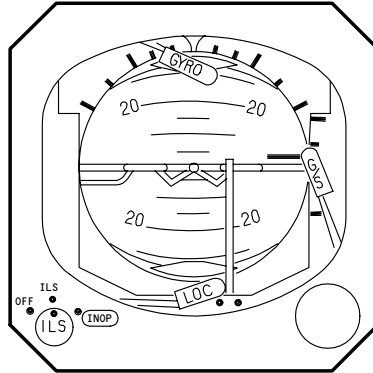
NAVIGATION

PAGE 37
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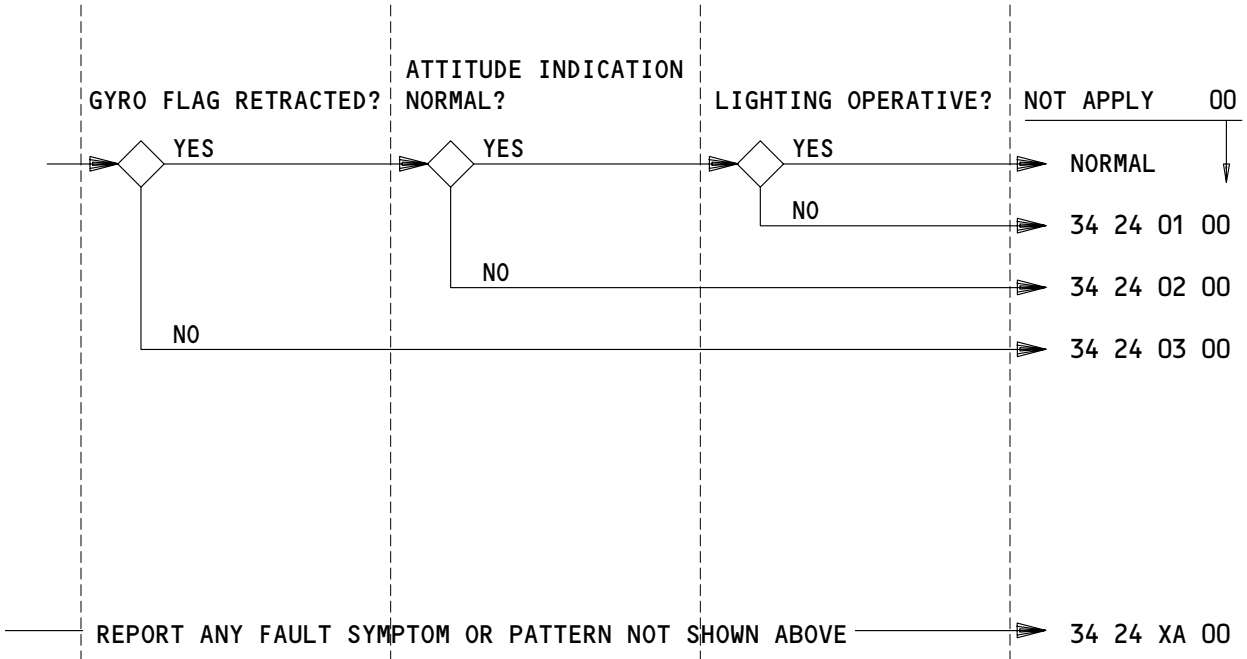
BOEING 767

FAULT REPORTING MANUAL

PILOTS' CENTER PANEL



FAULT CODE/ LOCATION



APPLICABLE CIRCUIT BREAKERS

- | | |
|------|-------------------|
| 11A5 | STBY ATT IND |
| 11B7 | LIGHTS STBY INSTR |

STANDBY ATTITUDE INDICATOR - FAULT CODES

EFFECTIVITY

ALL

20

NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 24 01 00	Standby attitude indicator lighting inoperative.
34 24 02 00	Attitude indication of standby attitude indicator is abnormal in (pitch, roll, etc). GYRO flag is retracted.
34 24 03 00	Standby attitude indicator GYRO flag in view.
34 24 XA 00	Report standby attitude indicator symptoms or patterns along with fault code.

STANDBY ATTITUDE INDICATOR – LOG BOOK REPORTS

EFFECTIVITY

ALL

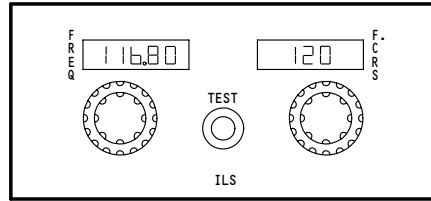
03

NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

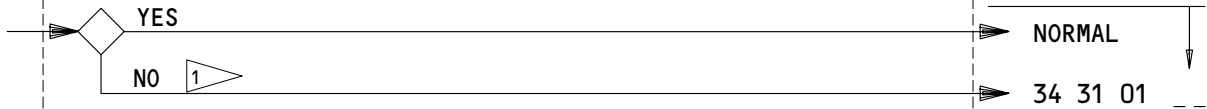
AFT ELECTRONIC PANEL



**FAULT CODE/
LOCATION**

CAPT ADI &
HSI 01
 F/O ADI &
HSI 02
 STBY ATT
IND 03

WAS TEST OK?



NOT APPLY 00
 NORMAL
 34 31 01

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE

34 31 XA _ _

1 BEFORE REPORTING MISSING GLIDESLOPE POINTER, ENSURE ILS FRONT CRS AND AIRPLANE HDG ARE SAME DURING TEST.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

- 11A2 ILS (C, CTR)
- 11A9 STBY ILS IND
- 11E10 (LEFT) ILS (L)
- 11E31 (RIGHT) ILS (R)

ILS TEST - FAULT CODES

EFFECTIVITY

ALL

18

NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

34 31 01 __ ILS test response abnormal on (01=Capt ADI & HSI, 02=F/O ADI & HSI, 03=STBY ATT IND). (Identify those test indications which were abnormal)

34 31 XA __ Report ILS test symptoms or patterns along with fault code.

ILS TEST - LOG BOOK REPORTS

EFFECTIVITY

ALL

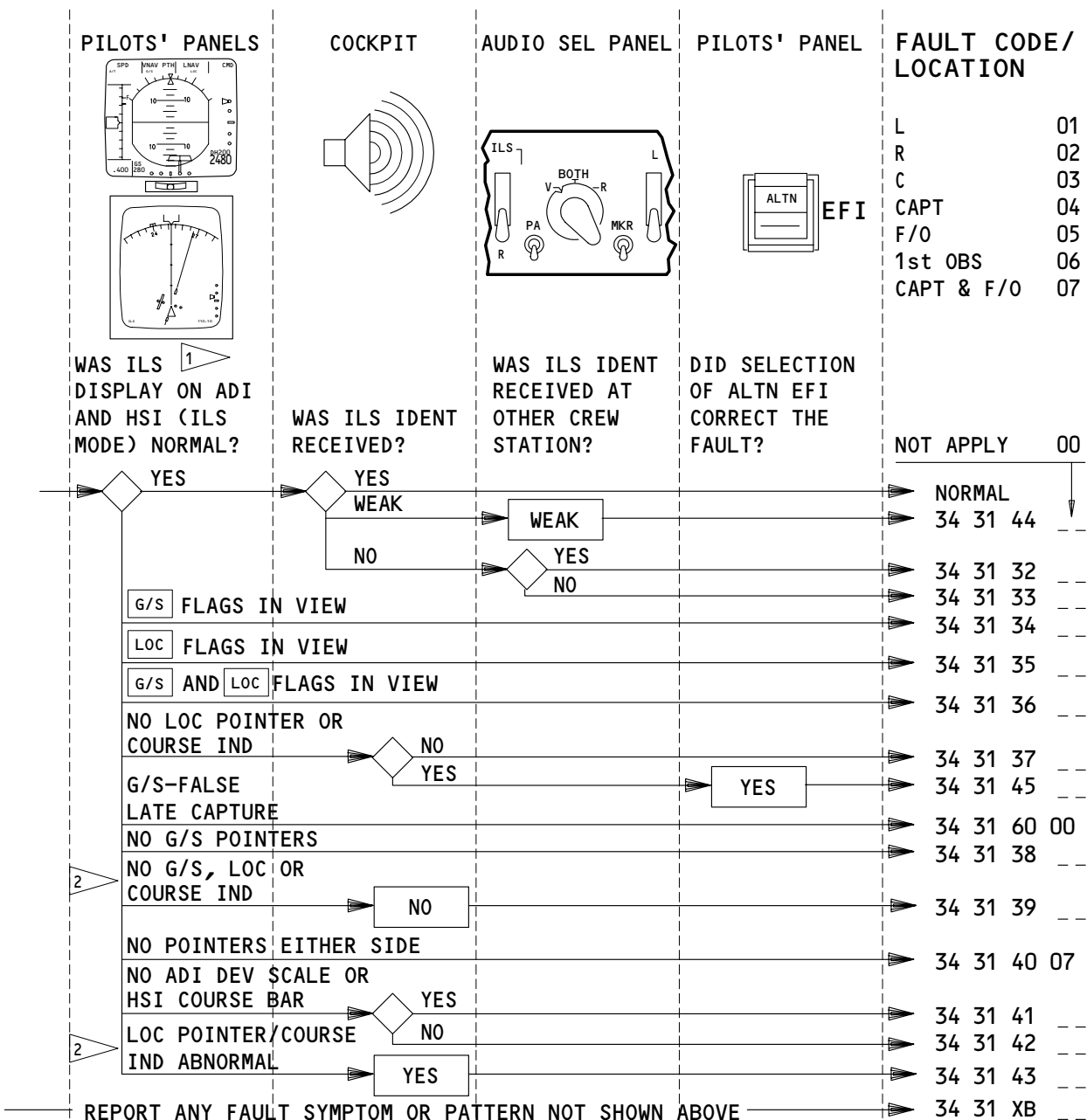
03

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



1 IF 2 DOT LOC SCALE IS DISPLAYED WHEN IN 4 DOT RANGE, SYSTEM MAY HAVE BEEN SHUTDOWN IN 2 DOT RANGE. SYSTEM WILL RESET WHEN WITHIN RADIO ALT RANGE. ALTN EFI WILL DISPLAY C ILS.

2 ABNORMAL LOC DEVIATION MAY BE CAUSED BY FREQ/BEARING INCONSISTANCY OF 3 ILS'S, OR WX RADAR INTERFERENCE IF ILS IS TUNED TO FREQ NOT IN USE OR ILS SIGNAL GOES OFF THE AIR. IF FREQ ABNORMAL SEE SEE "HSI FAULTS IN ILS MODE" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A2 ILS (C, CTR) 11E10 (LEFT) ILS (L) 11E31 (RIGHT) ILS (R)

ILS ADI/HSI DISPLAYS AND IDENT - FAULT CODES

EFFECTIVITY

ALL

NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 31 44 --	(01=L, 02=R, 03=C) ILS reception is weak.
34 31 32 --	(L, R, C) ILS ident not received at (04=Capt, 05=F/O, 06=1ST OBS) crew position. Deviation pointer display normal.
34 31 33 --	(01=L, 02=R, 03=C) ILS ident not received at any crew position. Deviation pointer display normal.
34 31 34 --	G/S flag in view on the (04=Capt, 05=F/O) ADI and HSI.
34 31 35 --	LOC flag in view on the (04=Capt, 05=F/O) ADI and HSI.
34 31 36 --	G/S and LOC flags in view on the (04=Capt, 05=F/O) ADI and HSI.
34 31 37 --	LOC pointer or COURSE ind not displayed on the (04=Capt, 05=F/O) ADI and HSI. ILS ident not received.
34 31 45 --	LOC pointer or COURSE ind not displayed on the (04=Capt, 05=F/O) ADI and HSI. Displays were norm with ALTN EFI selected.
34 31 60 00	G/S has (false, late) capture.
34 31 38 --	G/S pointer not displayed on the (04=Capt, 05=F/O) ADI and HSI.
34 31 39 --	G/S and LOC pointers or COURSE ind not displayed on the (04=Capt, 05=F/O) ADI and HSI. ILS ident not received.
34 31 40 07	G/S and LOC pointers not displayed on Capt's & F/O's ADI and HSI.
34 31 41 --	The deviation scales and COURSE bar(s) are missing on (04=Capt's, 05=F/O'S, 07=Capt & F/O) ADI('s). The pointers are not displayed on the corresponding HSI. ILS ident received.
34 31 42 --	The deviation scales and COURSE bar(s) are missing on (04=Capt's, 05=F/O'S, 07=Capt & F/O) ADI('s). The pointers are not displayed on the corresponding HSI. ILS ident received.
34 31 43 --	(04=Capt, 05=F/O) ADI and HSI LOC pointer & COURSE ind (intermittent, has reverse hdg, etc).
34 31 XB --	Report ILS ADI/HSI displays and ident symptoms or patterns along with fault code.

ILS ADI/HSI DISPLAYS AND IDENT – LOG BOOK REPORTS

EFFECTIVITY

ALL

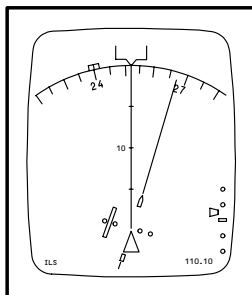
03

NAVIGATION

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 NOV 01/86

BOEING 767
FAULT REPORTING MANUAL

PILOTS' PANELS



FAULT CODE/
 LOCATION

CAPT 01
 F/O 02

ILS MODE HSI DISPLAY NORMAL?

NOT APPLY 00

YES

NORMAL

DISPLAYED ILS
 FREQ DISAGREES
 WITH FREQ IND

34 31 47 --

SELECTED CRS
 POINTER
 DISAGREES WITH
 CRS IND

34 31 48 --

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE

34 31 XC --

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E10 (LEFT) ILS (L)

11E31 (RIGHT) ILS (R)

HSI FAULTS IN ILS MODE - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 34 31 47 -- ILS frequency displayed on the (01=Capt, 02=F/O) HSI disagrees with the frequency indicator. HSI reads _____. Control reads _____.
- 34 31 48 -- Selected course pointer display on the (01=Capt, 02=F/O) HSI disagrees with the course indicator.
- 34 31 XC -- Report HSI faults in ILS mode symptoms or patterns along with fault code.

HSI FAULTS IN ILS MODE - LOG BOOK REPORTS

EFFECTIVITY

ALL

04

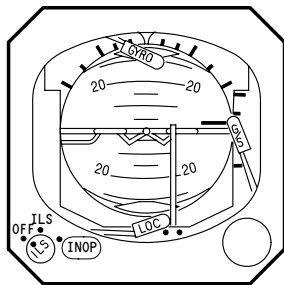
NAVIGATION

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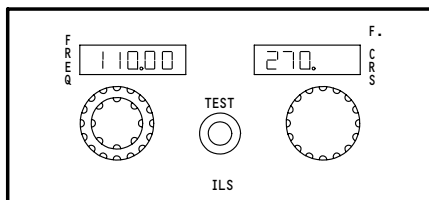
BOEING 767

FAULT REPORTING MANUAL

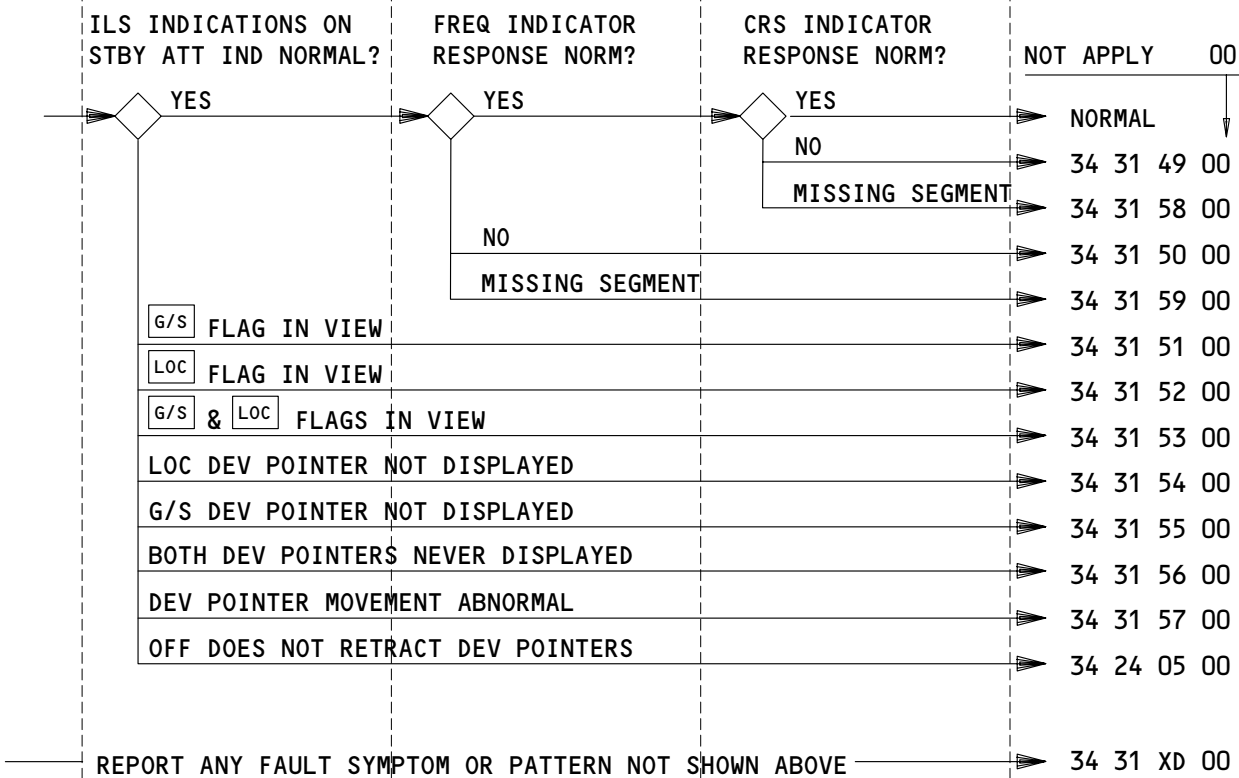
PLTS' CENTER PANEL



AFT ELECTRONIC PANEL



FAULT CODE/
LOCATION



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

- 11A2 ILS (C, CTR)
- 11A9 STBY ILS (IND)

ILS STANDBY ATTITUDE DISPLAY AND ILS CONTROLS – FAULT CODES

EFFECTIVITY

ALL

NAVIGATION

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 31 49 00	Front CRS indicator does not respond to selector movement.
34 31 58 00	ILS front CRS indicator has missing segment.
34 31 50 00	ILS FREQ indicator does not respond to selector movement.
34 31 59 00	ILS FREQ indicator has missing segment.
34 31 51 00	G/S flag in view in the standby attitude indicator.
34 31 52 00	LOC flag in view in the standby attitude indicator.
34 31 53 00	G/S & LOC flags in view in the standby attitude indicator.
34 31 56 00	Neither GS nor LOC pointers displayed in the standby attitude indicator.
34 31 54 00	Localizer deviation pointer not displayed in the standby attitude indicator. ILS identification signal not received on center receiver.
34 31 55 00	Glideslope deviation pointer not displayed in the standby attitude indicator.
34 31 57 00	The (glideslope, localizer) deviation pointer of the standby attitude indicator (fluctuates, sticks, etc).
34 24 05 00	The deviation pointers of the standby attitude indicator do not retract with the ILS selector OFF.
34 31 XD 00	Report ILS standby attitude display and ILS controls indicator symptoms or patterns along with fault code.

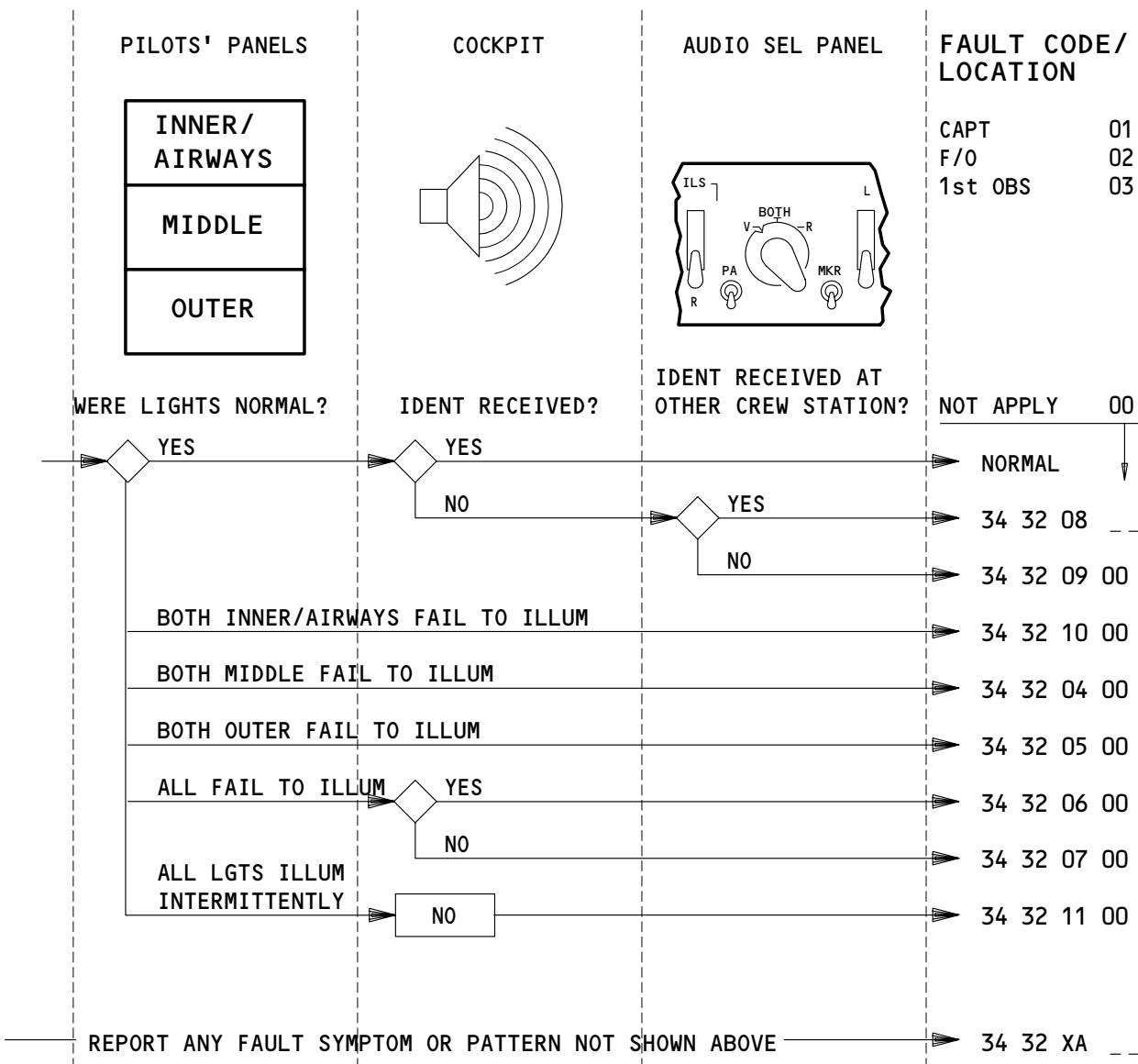
ILS STANDBY ATTITUDE DISPLAY AND ILS CONTROLS – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11A1 VOR/MKR L

MARKER BEACON – FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 32 08 __	Marker beacon ident not received at (01=Capt, 02=F/O, 03=1st Obs) station. All other crew stations OK. Marker lgts OK.
34 32 09 00	Marker beacon ident not received at any crew station. Marker lights are OK.
34 32 10 00	Both INNER/AIRWAYS marker lights fail to illuminate.
34 32 04 00	Both MIDDLE marker lights fail to illuminate.
34 32 05 00	Both OUTER marker lights fail to illuminate.
34 32 06 00	All marker beacon lights fail to illuminate. Ident received.
34 32 07 00	All marker beacon lights fail to illuminate. Ident not received.
34 32 11 00	All marker beacon lgts illum intermittently. Ident not received.
34 32 XA __	Report marker beacon symptoms or patterns along with fault code.

MARKER BEACON – LOG BOOK REPORTS

EFFECTIVITY

ALL

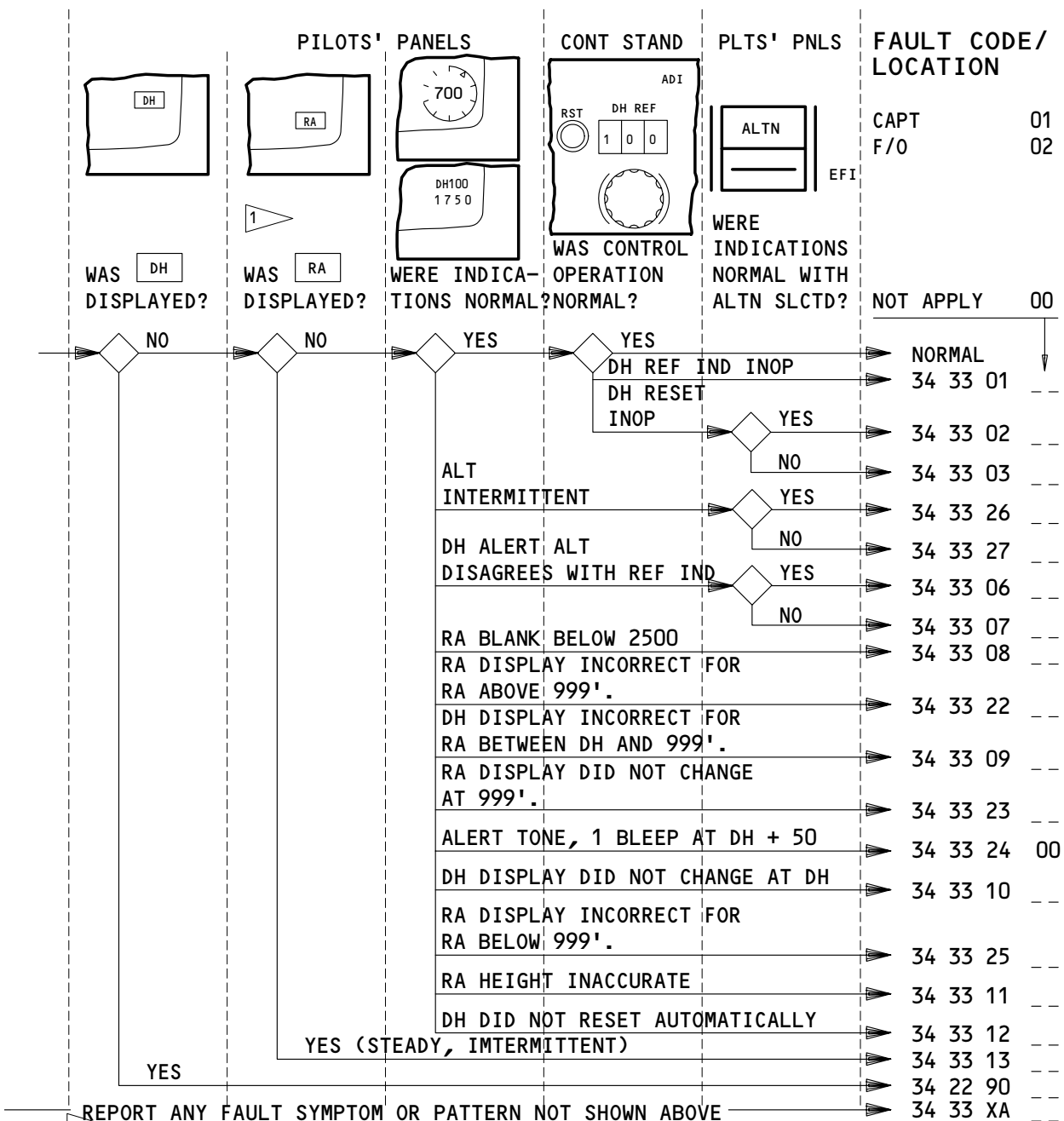
03

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



1 REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE
 AN INOP L RADIO ALTIMETER WILL CAUSE THE CONFIG LGT TO ILLUM AND GEAR NOT DOWN MSG TO APPEAR ABOVE 800' RA WITH A THRUST LEVER RETARDED.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E4	(LEFT) EFIS CONT PNL (L)	11F20	(CENTER) RAD ALTM (C)
11E25	(RIGHT) EFIS CONT PNL (R)	11F26	(RIGHT) RAD ALTM (R)
11F5	(LEFT) RAD ALTM (L)		

RADIO ALTIMETER & DH (ADI) - FAULT CODES

EFFECTIVITY
 ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 33 01 --	(01=Capt, 02=F/0) decision height reference indicator does not respond to selector movement.
34 33 02 --	(01=Capt, 02=F/0) DH reset sw does not reset decision height display on ADI. Operation normal with alternate EFI selected.
34 33 03 --	(01=Capt, 02=F/0) DH reset sw does not reset decision height display on ADI. Condition remains the same with alternate EFI selected.
34 33 26 --	(01=Capt, 02=F/0) radio alt is intermittent on ADI. Cond normal with ALTN EFI selected.
34 33 27 --	(01=Capt, 02=F/0) radio alt is intermittent on ADI. Cond same with ALTN EFI selected.
34 33 06 --	Decision height alert altitude on (01=Capt, 02=F/0) ADI disagrees with decision height reference indicator. Operation normal with alternate EFI selected.
34 33 07 --	Decision height alert altitude on (01=Capt, 02=F/0) ADI disagrees with decision height reference indicator. Condition remains the same with alternate EFI selected.
34 33 08 --	Radio alt display on (01=Capt, 02=F/0) ADI blank below 2500 feet AGL.
34 33 22 --	Radio alt display incorrect on (01=Capt, 02=F/0) ADI for rad alt above 999 ft. (Describe problem).
34 33 09 --	(Selected decision height not displayed, "DH" not displayed, display color incorrect, etc) on (01=Capt, 02=F/0) ADI for radio alt between DH and 999 ft.
34 33 23 --	Radio alt display on (01=Capt, 02=F/0) ADI did not change at 999 ft.
34 33 24 00	DH alert tone sounded 1 bleep at DH + 50.
34 33 10 --	Display did not (flash/change color, etc) on (01=Capt, 02=F/0) ADI at decision height.
34 33 25 --	Radio alt display on (01=Capt, 02=F/0) ADI incorrect for radio alt below 999 ft. (Describe problem).
34 33 11 --	Radio altitude height on the (01=Capt, 02=F/0) ADI is inaccurate. (State amount of inaccuracy, if known).
34 33 12 --	Decision height display on the (01=Capt, 02=F/0) ADI did not reset automatically.
34 33 13 --	RA flag displayed (steady, intermittent) on the (01=Capt, 02=F/0) ADI.
34 22 90 --	DH flag displayed on the (01=Capt, 02=F/0) ADI.
34 33 XA --	Report radio altimeter & DH(ADI) symptoms or patterns along with fault code.

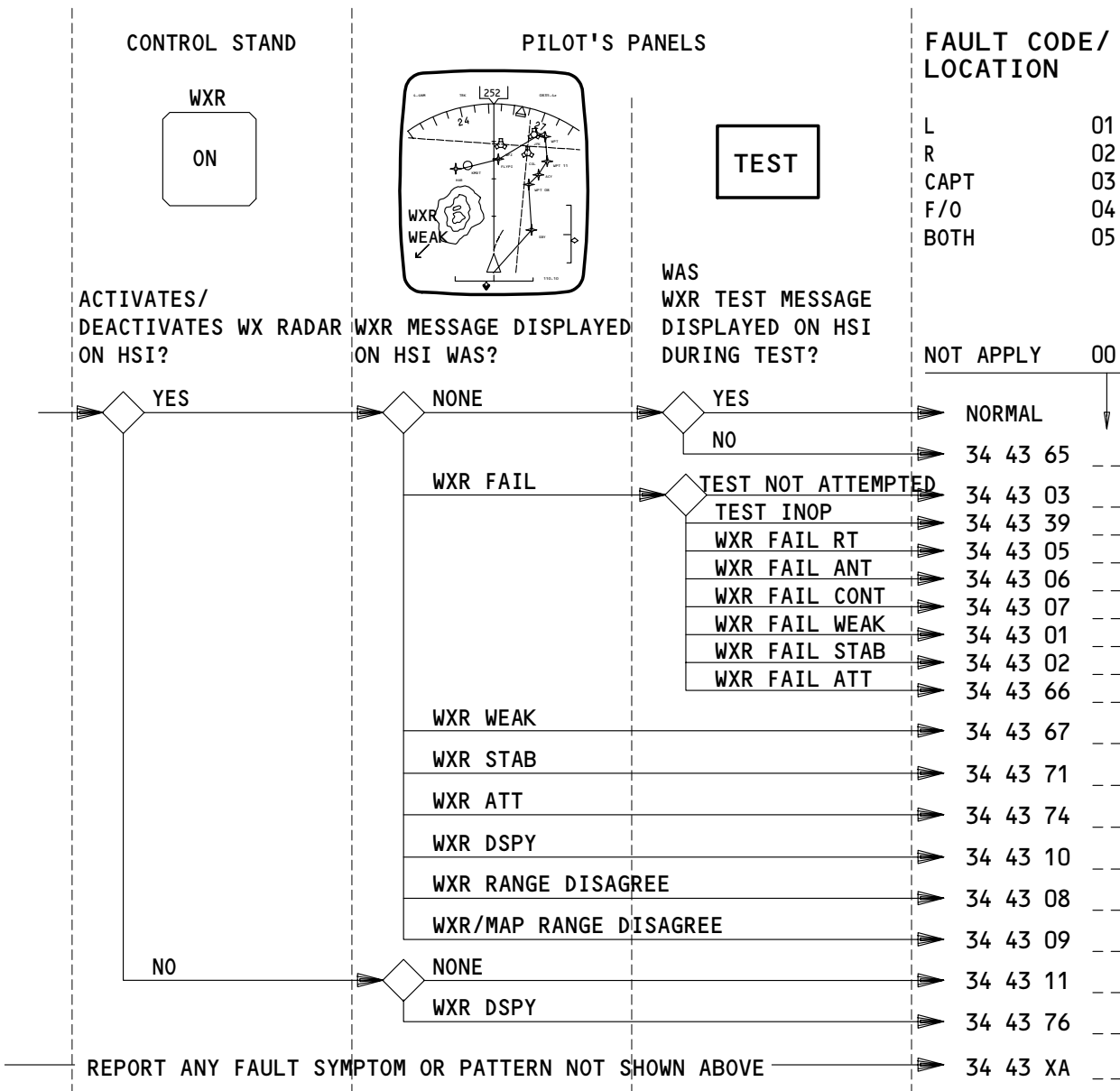
RADIO ALTIMETER & DH(ADI) – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E12	WX RADAR IND
11F2	WX RADAR (L)
11F23	WX RADAR (R)

WEATHER RADAR FAULTS (HSI) - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 34 43 65 __ (01=L, 02=R) WXR system failed to test. WXR TEST msg did not display on HSI.
- 34 43 03 __ WXR FAIL displayed on HSI with (01=L, 02=R) system selected. WXR test not attempted.
- 34 43 39 __ WXR FAIL displayed on HSI with (01=L, 02=R) system selected. WXR test inoperative.
- 34 43 05 __ WXR FAIL displayed on HSI with (01=L, 02=R) system selected. WXR test displays WXR FAIL RT on HSI.
- 34 43 06 __ WXR FAIL displayed on HSI with (01=L, 02=R, 05=Both) system(s) selected. WXR FAIL ANT on HSI.
- 34 43 07 __ WXR FAIL displayed on HSI with (01=L, 02=R, 05=Both) system(s) selected. WXR FAIL CONT.
- 34 43 01 __ WXR FAIL displayed on HSI with (01=L, 02=R, 05=Both) system(s) selected. WXR test displays WXR FAIL WEAK on HSI.
- 34 43 02 __ WXR FAIL displayed on HSI with (01=L, 02=R, 05=Both) system(s) selected. WXR test displays WXR FAIL STAB on HSI.
- 34 43 66 __ WXR FAIL displayed on HSI with (01=L, 02=R, 05=Both) system(s) selected. WXR test displays WXR FAIL ATT on HSI.
- 34 43 67 __ WXR WEAK displayed on HSI with (01=L, 02=R) system selected.
- 34 43 71 __ WXR STAB displayed on HSI with (01=L, 02=R) system selected.
- 34 43 74 __ WXR ATT displayed on HSI with (01=L, 02=R) system selected.
- 34 43 10 __ WXR DSPY displayed on (03=Capt, 04=F/0, 05=Both) HSI(s).
- 34 43 08 __ WXR RANGE DISAGREE displayed on (03=Capt, 04=F/0, 05=Both) HSI(s).
- 34 43 09 __ WXR/MAP RANGE DISAGREE displayed on (03=Capt, 04=F/0, 05=Both) HSI(s).
- 34 43 11 __ (03=CAPT, 04=F/0, 05=Both) weather radar switch doesn't (activate, deactivate) radar.
- 34 43 76 __ (03=CAPT, 04=F/0, 05=Both) weather radar switch doesn't activate radar. WXR DSPY msg is on HSI.
- 34 43 XA __ Report weather radar faults (HSI) symptoms or patterns along with fault code.

WEATHER RADAR FAULTS (HSI) – LOG BOOK REPORTS

EFFECTIVITY

ALL

06

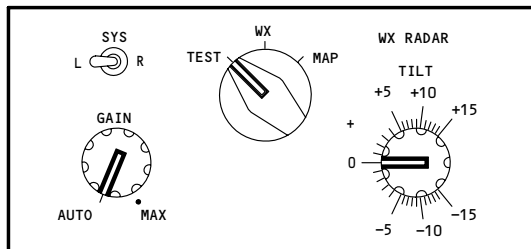
NAVIGATION

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AUG 10/95

BOEING 767

FAULT REPORTING MANUAL

AFT ELECTRONIC PANEL



FAULT CODE/ LOCATION

L	01
R	02
BOTH	03

FROM SHEET 1

WAS CONTROL PANEL SELECTION NORMAL?

NOT APPLY 00

<p>YES</p>	<p>MODE (TEST, WX, MAP) ABNORMAL</p> <p>GAIN ABNORMAL</p> <p>TILT ABNORMAL</p> <p>SYSTEM SELECT INOP</p>	<p>NORMAL</p> <p>34 43 17 --</p> <p>34 43 19 --</p> <p>34 43 13 --</p> <p>34 43 36 00</p>
------------	----------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE → 34 43 XB 00

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E12	WX RADAR IND
11F2	WX RADAR (L)
11F23	WX RADAR (R)

WEATHER RADAR CONTROLS – FAULT CODES

EFFECTIVITY

ALL

12

NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 43 17 --	Weather radar mode switch (describe fault: inoperative, etc) with (01=L, 02=R, 03=both) system(s) selected.
34 43 19 --	Weather radar gain control inoperative in ____ mode with (01=L, 02=R, 03=both) system(s) selected.
34 43 13 --	Weather radar antenna tilt inoperative in ____ mode with (01=L, 02=R, 03=both) system(s) selected.
34 43 36 00	Weather radar system select switch (describe fault: inoperative, etc).
34 43 XB 00	Report weather radar controls symptoms or patterns along with fault code.

WEATHER RADAR CONTROLS – LOG BOOK REPORTS

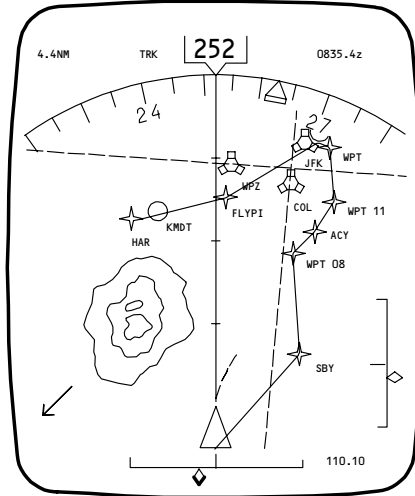
EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL

PILOT'S PANELS



HSI WXR DISPLAY QUALITY?

FAULT CODE/
LOCATION

L 01
R 02
BOTH 03

NOT APPLY 00

OK		NORMAL	↓
	SPOKING PRESENT	34 43 47	--
	SWEEP ABNORMAL	34 43 49	--
	RETURN ABNORMAL	34 43 51	--
	PRECIP INTENSITY TOO STRONG OR TOO WEAK	34 43 53	--
	MISSING	34 43 55	--
REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE		34 43 XC	--

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E12	WX RADAR IND
11F2	WX RADAR (L)
11F23	WX RADAR (R)

WEATHER RADAR DISPLAY QUALITY - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 34 43 47 -- Spoking present on HSI weather display with (01=L, 02=R, 03=Both) system(s) selected.
- 34 43 49 -- Sweep (describe fault: missing, sticks, etc) on HSI weather display with (01=L, 02=R, 03=Both) system(s) selected.
- 34 43 51 -- Returns (describe fault: fixed, noisy, false, etc) on HSI weather display with (01=L, 02=R, 03=Both) system(s) selected.
- 34 43 53 -- Precip intensity too (strong, weak) on HSI weather display with (01=L, 02=R, 03=Both) system(s) selected.
- 34 43 55 -- WXR display on HSI is missing with (01=L, 02=R, 03=Both) system(s) selected.
- 34 43 XC -- Report weather radar display quality symptoms or patterns along with fault code.

WEATHER RADAR DISPLAY QUALITY - LOG BOOK REPORTS

EFFECTIVITY

ALL

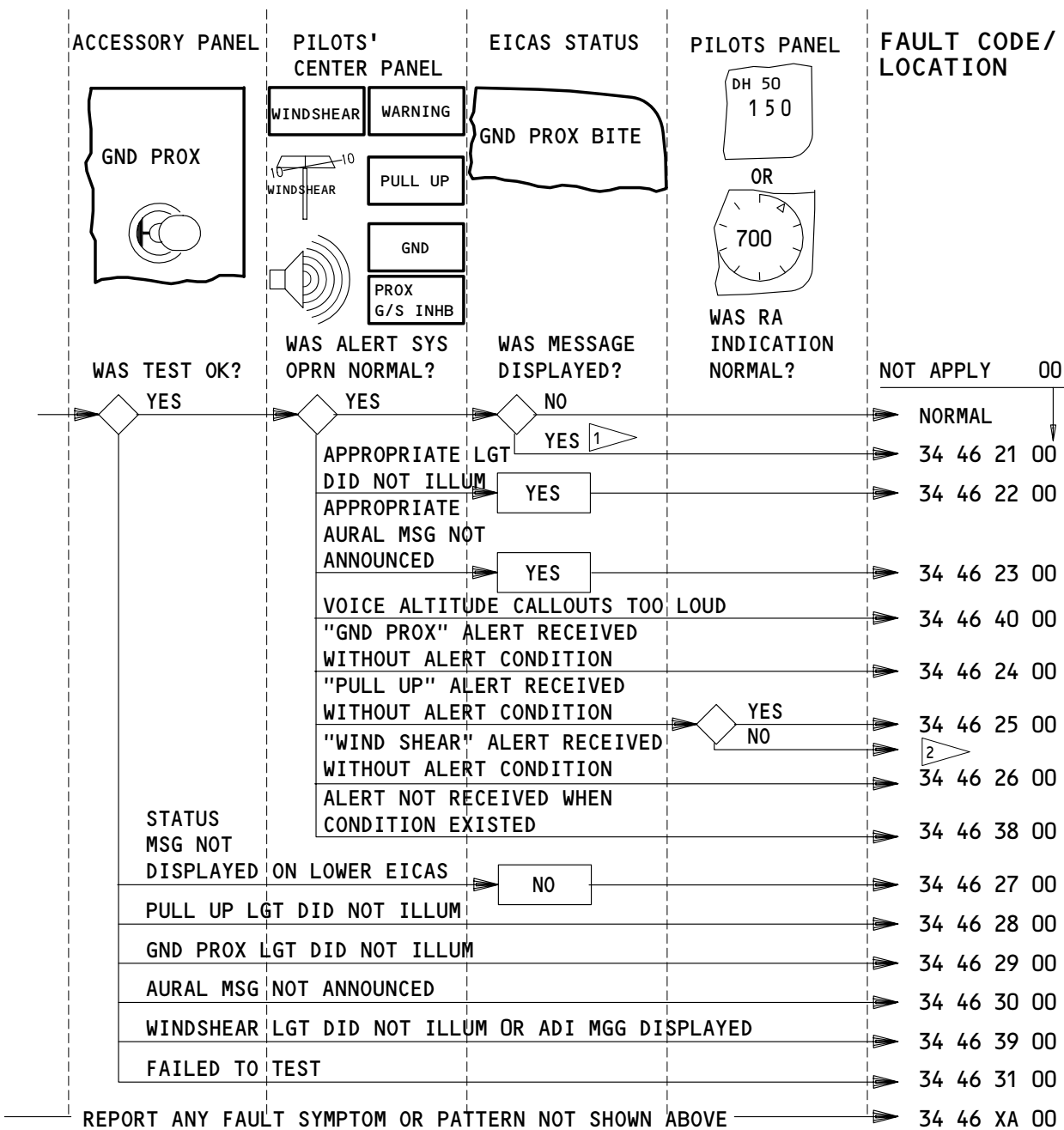
03

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



1 GND PROX BITE WILL BE DISPLAYED IF L-IRU IS NOT ALIGNED, OR EITHER L-ADC, L-RA OR L-ILS ARE NOT ON. VERIFY THESE ARE OK BEFORE REPORTING THIS CODE.

2 SEE "RADIO ALTIMETER & DH (ADI)" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS

11F4 GND PROX

GROUND PROXIMITY & WINDSHEAR WARNING TEST AND OPERATION - FAULT CODES

EFFECTIVITY

ALL

NAVIGATION

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 46 21 00	GND PROX BITE status message displayed on EICAS.
34 46 22 00	The PULL UP, GND PROX, WINDSHEAR) lgt did not illuminate when (specify alert condition) existed.
34 46 23 00	The aural message for (specify alert condition) was not announced.
34 46 40 00	Voice altitude callouts too loud.
34 46 24 00	A GND PROX alert was received with no alert condition. (State sink rate, radio altitude, landing or climbing, gear and flap state, if known.)
34 46 25 00	A PULL UP alert was received with no alert condition. (State sink rate, radio altitude, landing or climbing, gear and flap state, if known.) RA indication was normal.
34 46 26 00	A WINDSHEAR alert was received with no alert condition.
34 46 38 00	A (GND PROX, PULL UP) alert was not received when (specify alert condition) existed.
34 46 27 00	GND PROX BITE was not displayed on EICAS status page during GND PROX test.
34 46 28 00	PULL UP light did not illuminate during gnd prox test.
34 46 29 00	GND PROX light did not illuminate during gnd prox test.
34 46 30 00	The (SINK RATE, WHOOP-WHOOP PULL UP, TERRAIN, DON'T SINK, TOO LOW GEAR, TOO LOW FLAPS, TOO LOW TERRAIN, GLIDESLOPE, MINIMUM, WINDSHEAR) aural message(s) was not announced during test. (State whether test sw was momentarily positioned to GND PROX or held there for more than 5 seconds)
34 46 39 00	WINDSHEAR lgt did not illum or ADI msg display during gnd prox test.
34 46 31 00	The ground proximity warning system failed to test.
34 46 XA 00	Report ground proximity & windshear warning test and operation symptoms or patterns along with fault code.

**GROUND PROXIMITY & WINDSHEAR WARNING
 TEST AND OPERATION – LOG BOOK REPORTS**

EFFECTIVITY

ALL

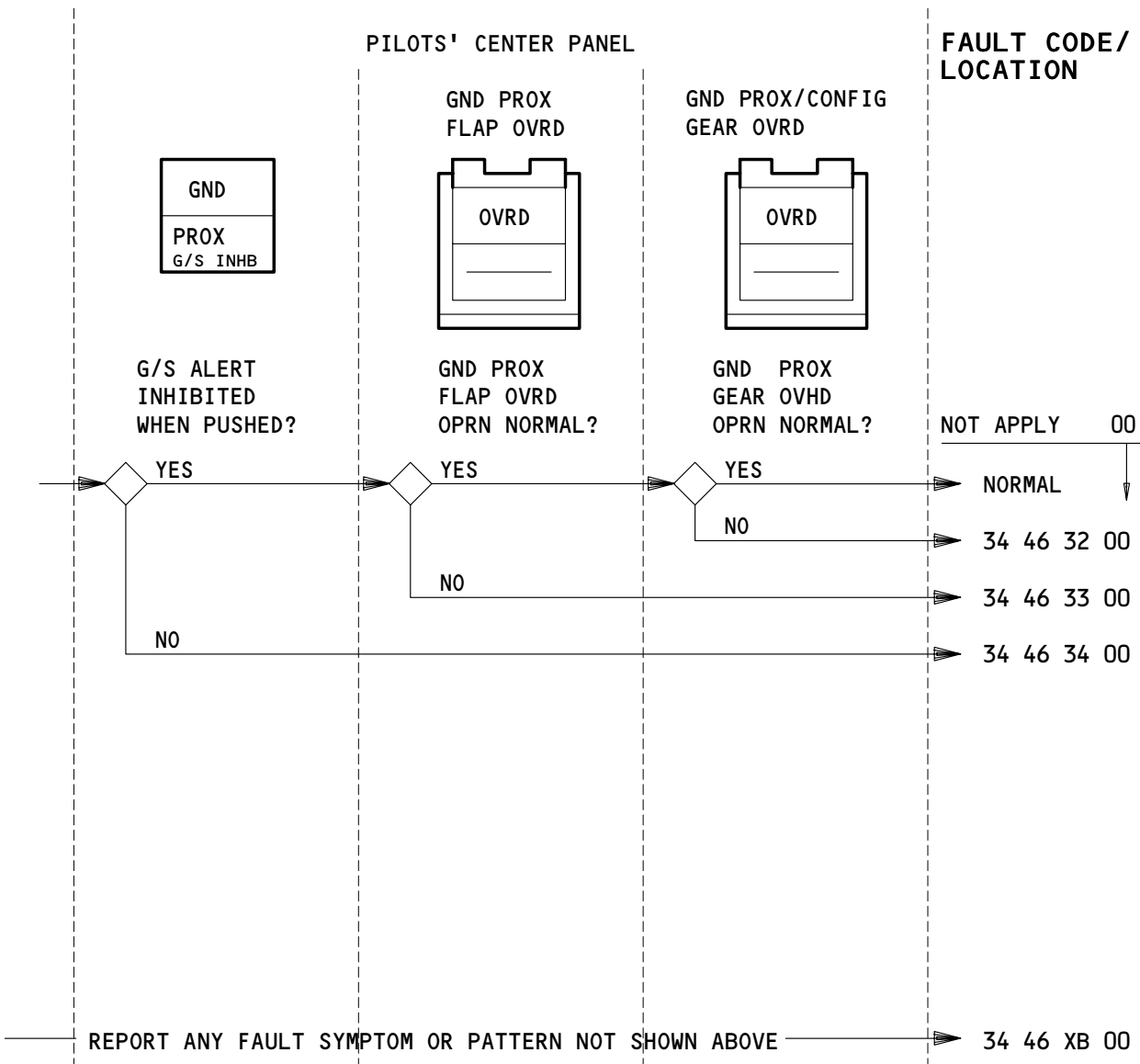
02

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11F4 GND PROX

GROUND PROXIMITY WARNING, INHIBIT AND OVERRIDE – FAULT CODES

EFFECTIVITY

ALL

NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 46 32 00	The GND PROX/CONFIG GEAR OVRD sw didn't inhibit (TOO LOW TERRAIN, TOO LOW GEAR) ground prox alert.
34 46 33 00	The GND PROX FLAP OVRD sw did not inhibit (TOO LOW TERRAIN, TOO LOW FLAP) ground prox alert.
34 46 34 00	The G/S INHB sw did not inhibit the G/S alert.
34 46 XB 00	Report ground proximity warning, inhibit and override symptoms or patterns along with fault code.

GROUND PROXIMITY WARNING, INHIBIT AND OVERRIDE – LOG BOOK REPORTS

EFFECTIVITY

ALL

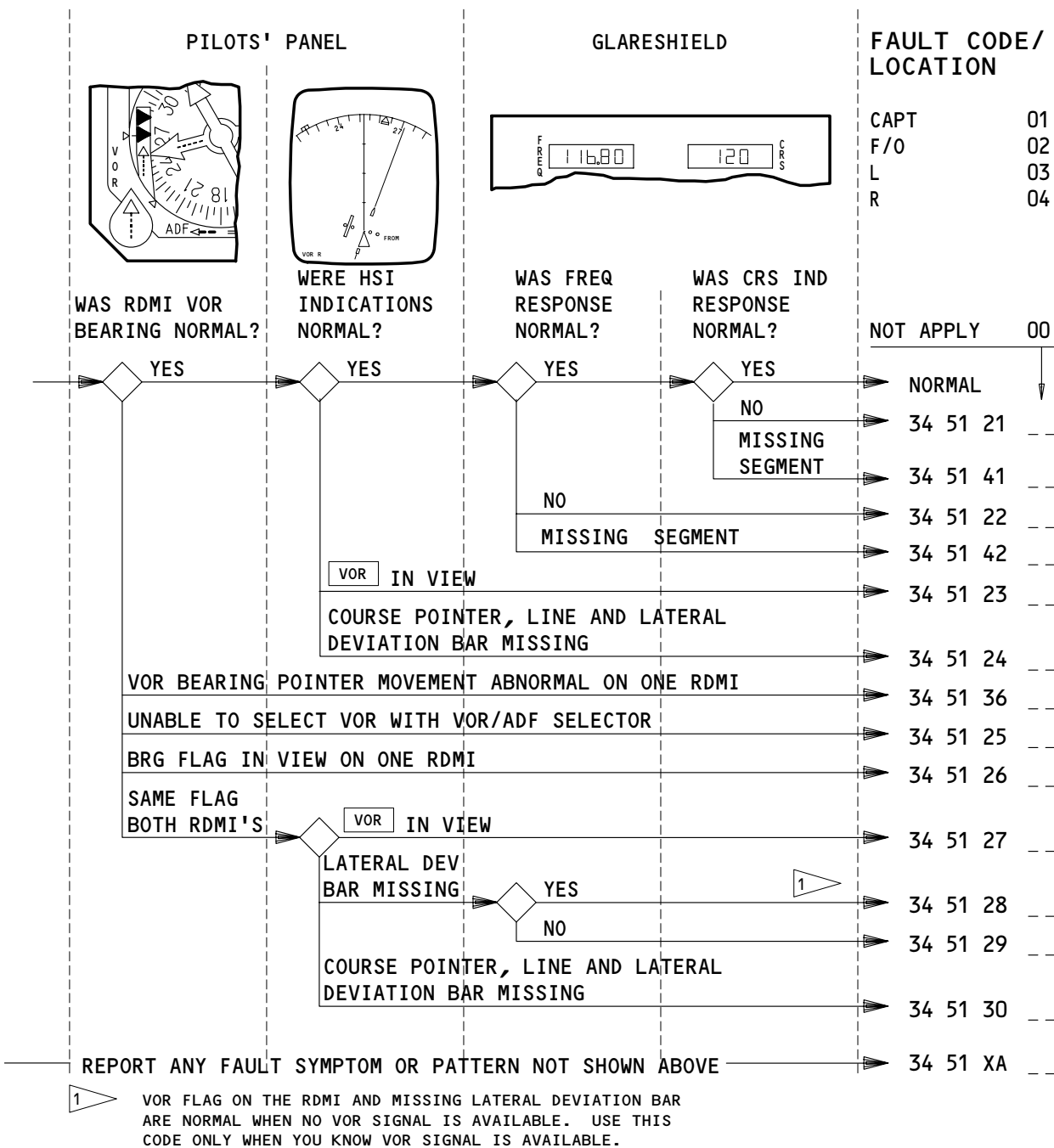
03

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A1	VOR MKR L	11E33	(RIGHT) VOR (R)
11A6	RDMI L	11F25	(RIGHT) RDMI (R)

VOR - CONTROL AND DISPLAY - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 51 21 --	(03=L, 04=R) VOR course indicator on glareshield does not respond properly to selector operation.
34 51 41 --	(03=L, 04=R) VOR CRS indicator on glareshield has missing segment.
34 51 22 --	(03=L, 04=R) VOR FREQ display does not respond properly to selector operation.
34 51 42 --	(03=L, 04=R) VOR FREQ indicator on glareshield has missing segment.
34 51 23 --	(01=Capt, 02=F/0) HSI has VOR flag in view. RDMI VOR bearing needles are normal.
34 51 24 --	(01=Capt, 02=F/0) HSI has course pointer, line and dev bar missing. RDMI VOR bearing needles are normal.
34 51 36 --	(L, R) VOR bearing pointer on (01=Capt, 02=F/0) RDMI (describe fault, sticks, inop, etc.)
34 51 25 --	Unable to select (L,R) VOR with VOR/ADF selector on (01=Capt, 02=F/0) RDMI.
34 51 26 --	(L,R) BRG flag in view on (01=Capt, 02=F/0) RDMI. Associated HSI VOR indications are normal. HSI is in VOR mode.
34 51 27 --	(03=L, 04=R) BRG flag in view on both RDMI's. The associated HSI has VOR flag in view when the HSI is in VOR mode.
34 51 28 --	(03=L, 04=R) BRG flag in view on both RDMI's. The associated HSI has the lateral dev bar missing when the HSI is in VOR mode. The freq display on the VOR is normal.
34 51 29 --	(03=L, 04=R) BRG flag in view on both RDMIs. The associated HSI has the lateral dev bar missing when the HSI is in VOR mode. The freq display on the VOR is inop.
34 51 30 --	(03=L, 04=R) BRG flag in view on both RDMIs. The associated HSI has course pointer, line and dev bar missing.
34 51 XA --	Report VOR control and display symptoms and patterns along with fault code.

VOR CONTROL AND DISPLAY – LOG BOOK REPORTS

EFFECTIVITY

ALL

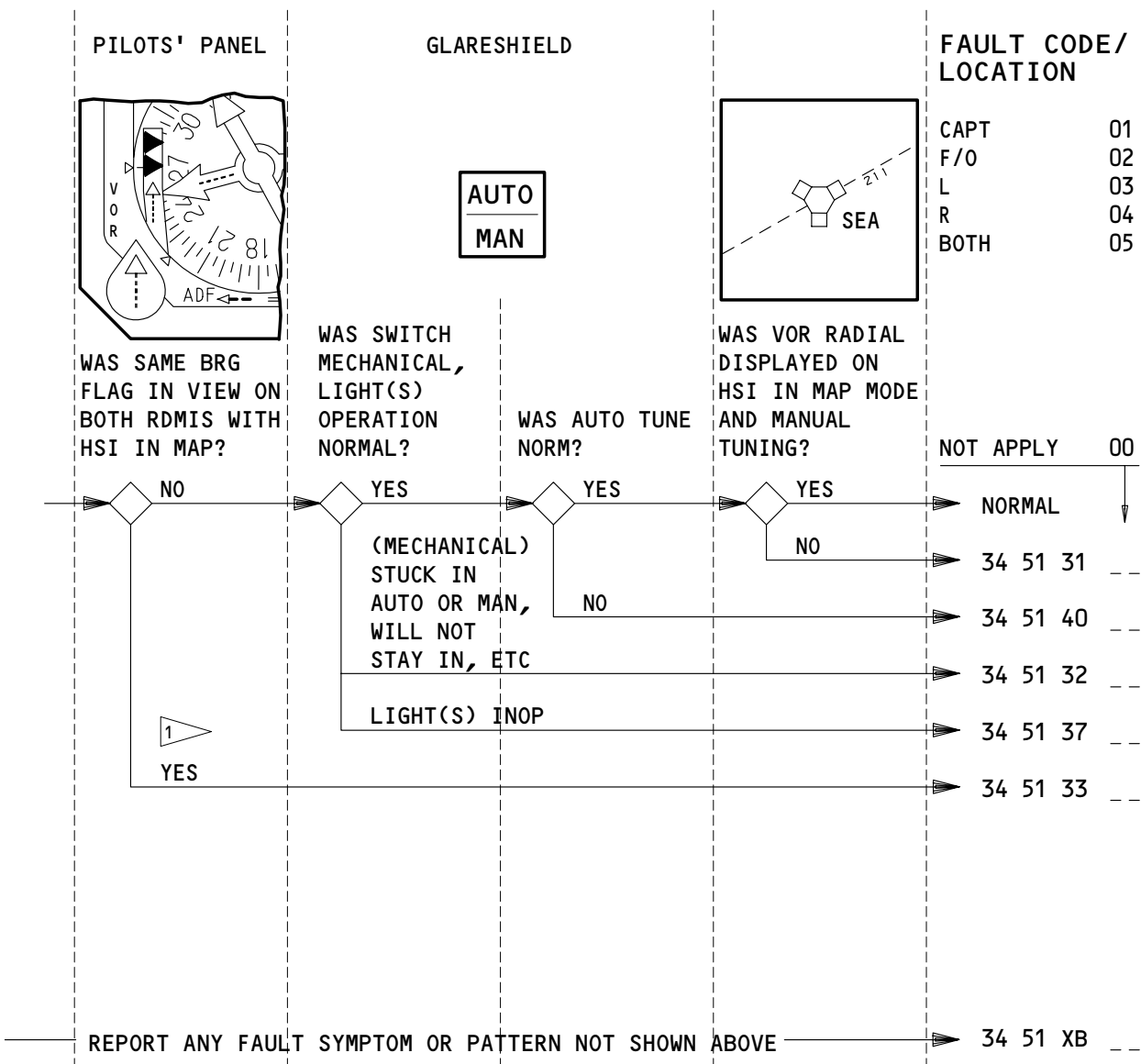
04

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



1 VERIFY VOR IS OK WITH HSI IN VOR MODE BEFORE SELECTING THIS CODE. IF NOT SELECT CODE FROM "VOR - CONTROL AND DISPLAY" PAGE.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A1	VOR MKR L	11E33	(RIGHT) VOR (R)
11A6	RDMI L	11F25	(RIGHT) RDMI (R)

VOR - HSI IN MAP MODE - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 51 31 --	VOR radial not displayed on (01=Capt, 02=F/O, 05=Both) HSI's with HSI in map and manual tuning selected.
34 51 40 --	(03=L, 04=R, 05=Both) VOR(s) will not auto tune.
34 51 32 --	(01=Capt, 02=F/O) VOR Auto/Man select sw (stuck in (Auto/Man) position, will not stay in, etc).
34 51 37 --	(01=Capt, 02=F/O) VOR Auto/Man select sw light (inop, always dim, etc).
34 51 33 --	(03=L, 04=R, 05=Both) BRG flags in view on both RDMI's with HSI(s) in MAP. VOR(s) are normal with HSI(s) in VOR mode.
34 51 XB --	Report VOR-HSI in map mode symptoms or patterns along with fault code.

VOR-HSI IN MAP MODE - LOG BOOK REPORTS

EFFECTIVITY

ALL

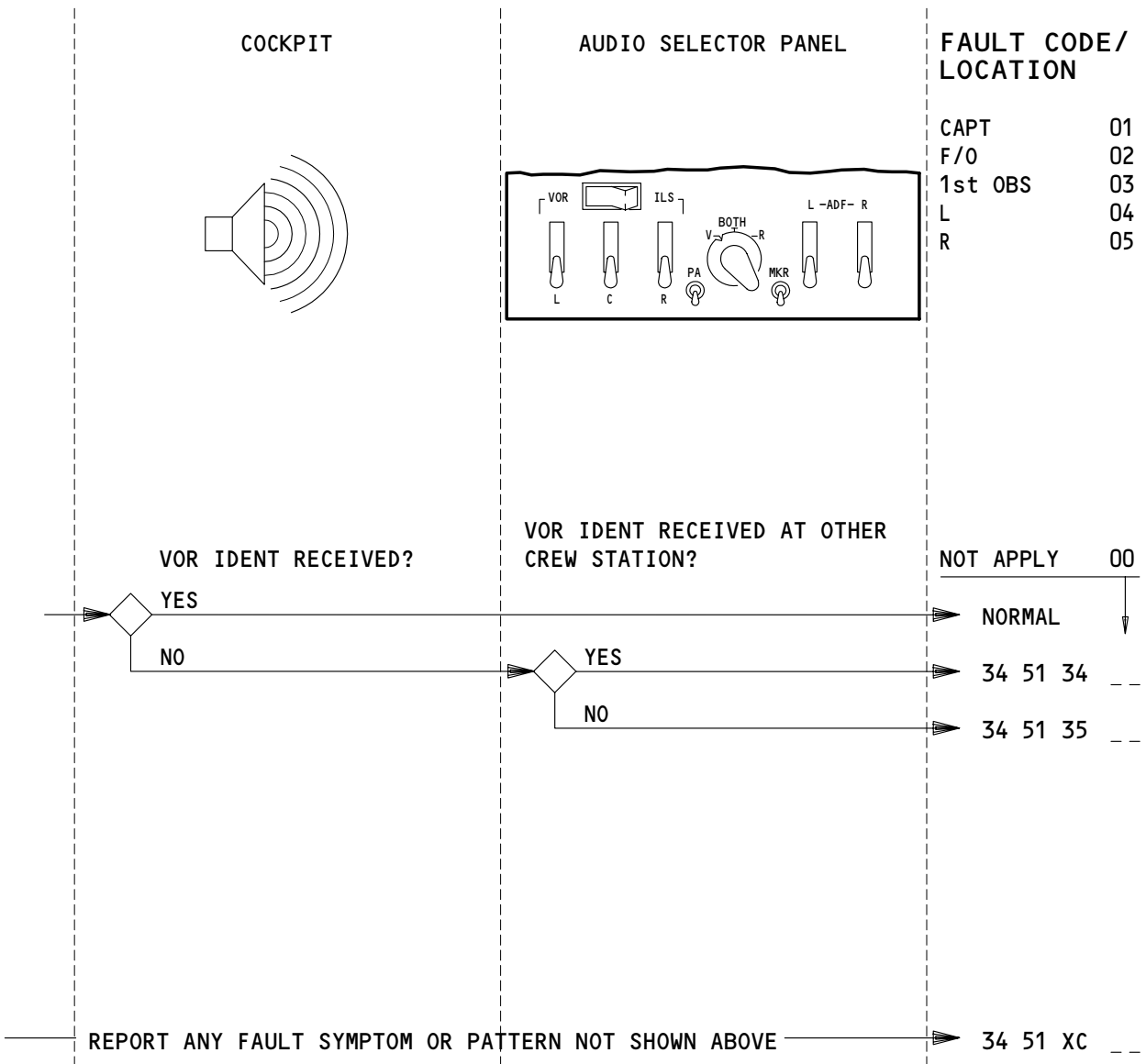
04

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

- 11A1 VOR/MKR L
- 11E33 (RIGHT) VOR (R)

VOR IDENT - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 34 51 34 __ (L,R) VOR ident not received at (01=Capt, 02=F/O, 03=1st Obs) station.
Other crew stations OK.
- 34 51 35 __ (04=L, 05=R) VOR ident not received at any crew station.
- 34 51 XC __ Report VOR ident symptoms or patterns along with fault code.

VOR IDENT - LOG BOOK REPORTS

EFFECTIVITY

ALL

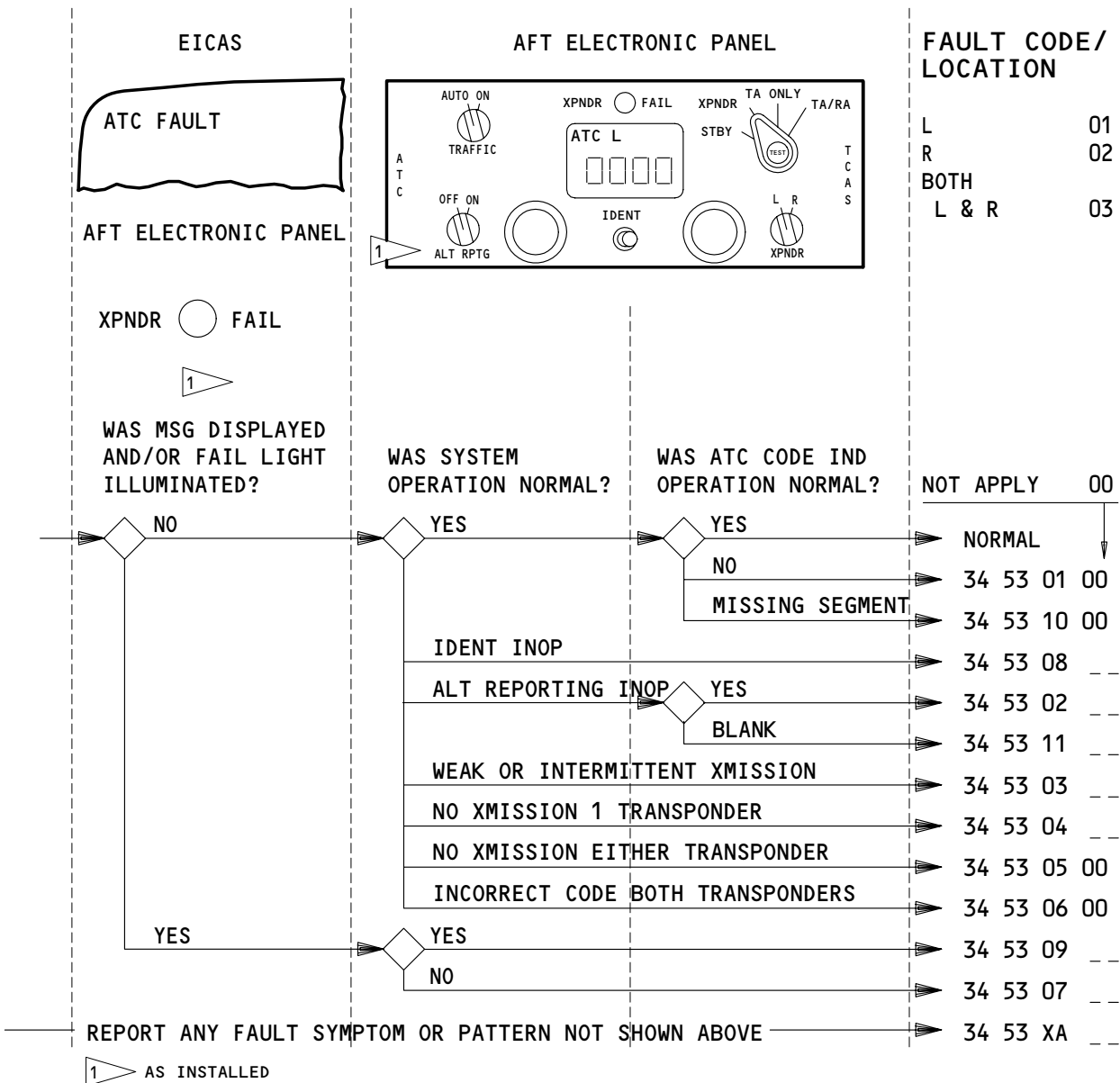
03

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

- 11F7 (LEFT) ATC (L)
- 11F28 (RIGHT) ATC (R)

ATC TRANSPONDER – FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 53 01 00	ATC code indicator does not respond to selector movement.
34 53 10 00	ATC code indicator has missing segment.
34 53 08 --	ATC identification inoperative with (01=L, 02=R, 03=both L & R) transponder selected.
34 53 02 --	ATC altitude reporting inoperative with (01=L, 02=R, 03=both L & R) transponder selected.
34 53 11 --	(01=L, 02=R) ATC code indicator blank and was reported as inoperative.
34 53 03 --	ATC transmission (weak, intermittent, etc) with (01=L, 02=R, 03=both L & R) transponder selected.
34 53 04 --	Reported no ATC transmission with (01=L, 02=R, 03=both L & R) transponder selected.
34 53 05 00	Reported no ATC transmission with either transponder selected.
34 53 06 00	Reported transmitted code disagrees with the ATC code indicator with either transponder selected.
34 53 09 --	EICAS msg ATC FAULT displayed and ATC FAIL light illuminated (steady, intermittent) with (01=L, 02=R, 03=both L & R) transponder selected. Transponder reported normal.
34 53 07 --	EICAS msg ATC FAULT displayed and ATC FAIL light illuminated (steady, intermittent) with (01=L, 02=R, 03=both L & R) transponder selected. Transponder reported inoperative.
34 53 XA --	Report ATC transponder symptoms or patterns along with fault code.

ATC TRANSPONDER – LOG BOOK REPORTS

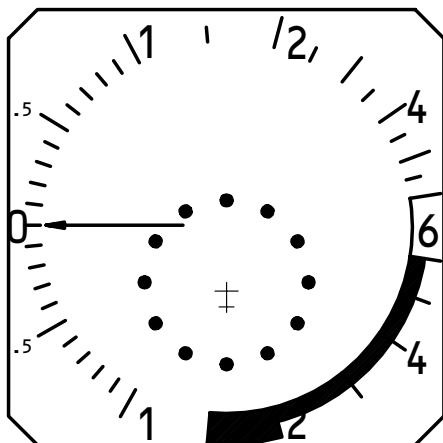
EFFECTIVITY

ALL

BOEING 767

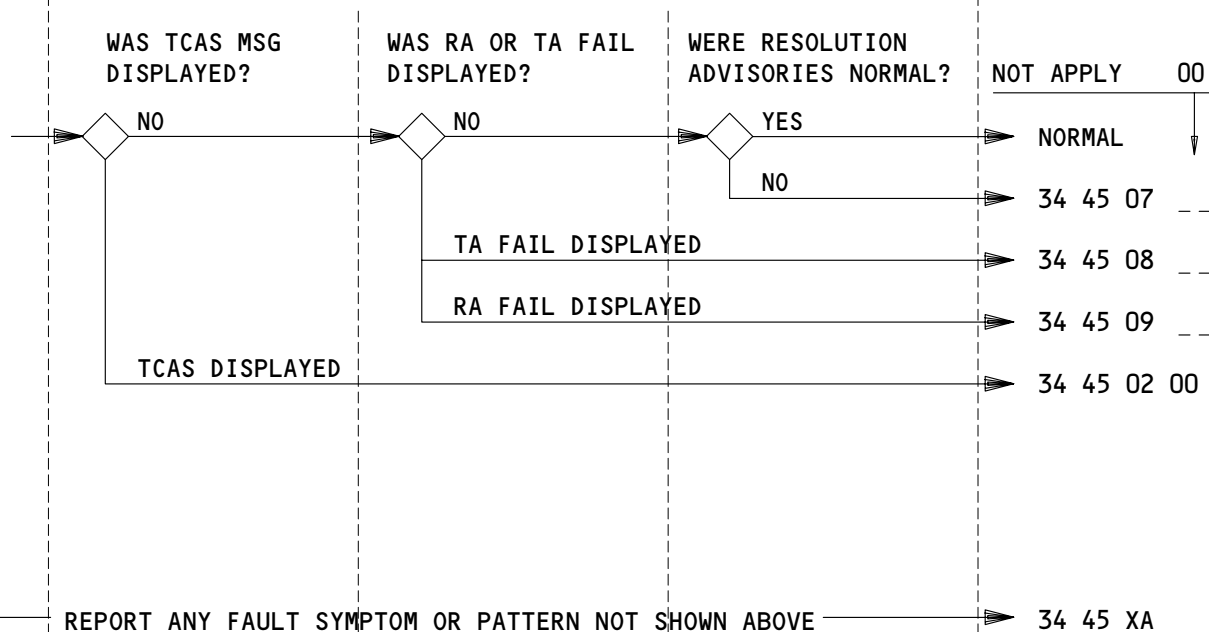
FAULT REPORTING MANUAL

PILOT'S PANEL



**FAULT CODE/
LOCATION**

CAPT 01
F/O 02



APPLICABLE CIRCUIT BREAKERS

- 11E5 LEFT VSI
- 11E26 RIGHT VSI

VERTICAL SPEED INDICATOR TCAS - FAULT CODES

EFFECTIVITY

ALL

20

NAVIGATION

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DEC 22/03

BOEING 767
FAULT REPORTING MANUAL

USA

FAULT CODE	LOG BOOK REPORT
34 45 01 00	TCAS voice annunciations (inoperative, inappropriate). Displays normal.
34 45 09 00	Weather indicator TCAS range displays (inaccurate, inoperative, etc).
34 45 10 00	WXR mode display (incorrect, inoperative, etc).
34 45 11 00	TCAS mode display (incorrect, inoperative, etc.
34 45 12 00	TCAS attitude display limits (incorrect, inoperative, etc).
34 45 13 00	Fault msg (list fault) displayed on WXR indicator.
34 45 XA 00	Report weather radar indicator TCAS symptoms or patterns along with fault code.

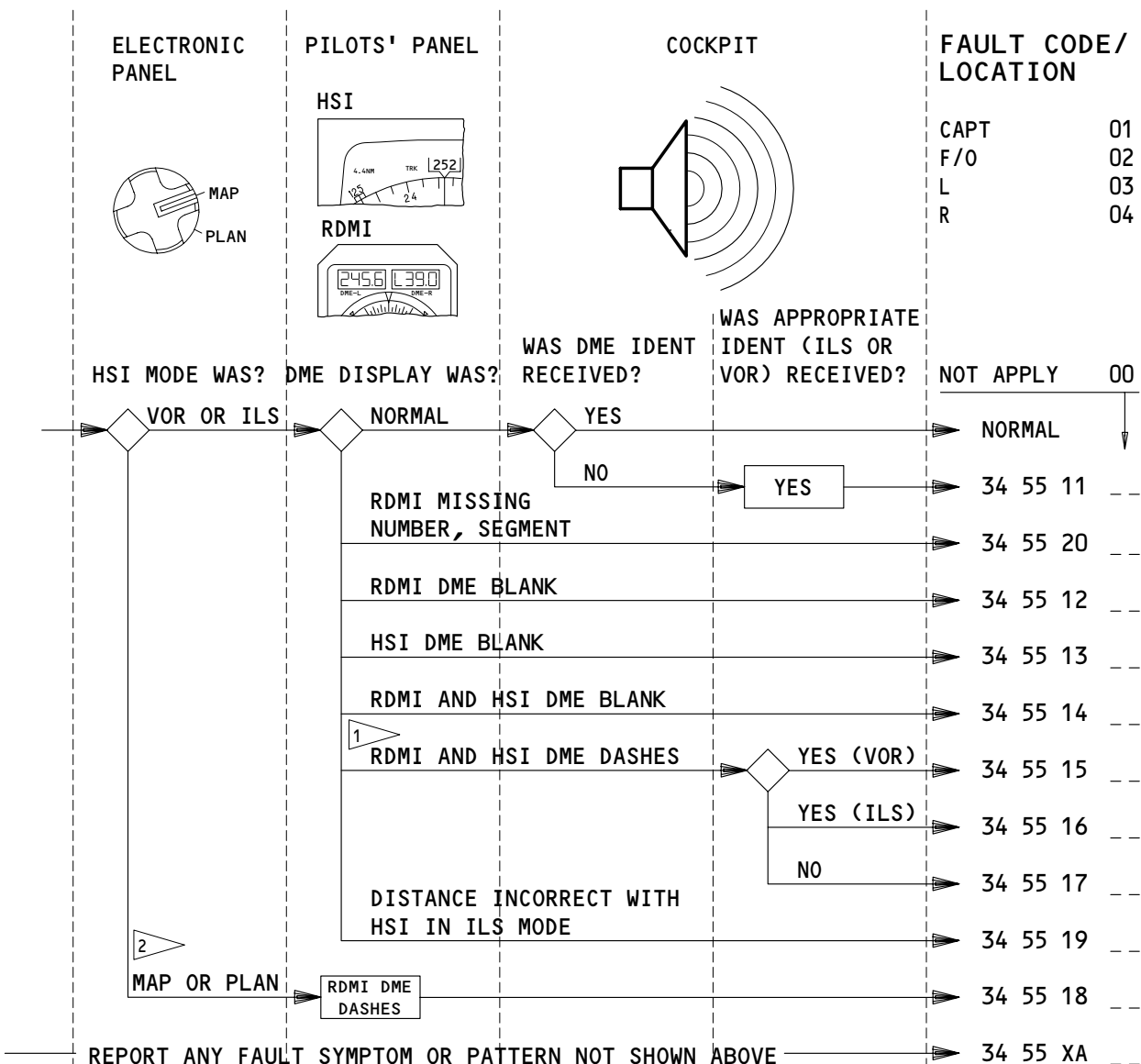
WEATHER RADAR INDICATOR TCAS – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767

FAULT REPORTING MANUAL



1 DASHES ON THE RDMI AND HSI DME ARE NORMAL WHEN NO DME SIGNAL IS AVAILABLE. USE THESE CODES ONLY WHEN YOU KNOW DME SIGNAL IS AVAILABLE.

2 VERIFY DME IS OK WITH HSI IN VOR OR ILS MODE BEFORE SELECTING THESE CODES. IF NOT OK SELECT CODE FROM VOR OR ILS BRANCH.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A1	VOR/MKR L	11E32	(RIGHT) DME (R)
11E11	(LEFT) DME (L)	11E33	(RIGHT) VOR (R)

DME - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 55 11 --	DME ident not received on the (03=L, 04=R) receiver. The corresponding DME displays are normal. (VOR, ILS) ident is also normal.
34 55 20 --	(01=Capt, 02=F/O) (L,R) RDMI DME has missing (number, segment).
34 55 12 --	(01=Capt, 02=F/O) (L,R) RDMI DME display is blank. The HSI DME display is OK.
34 55 13 --	(01=Capt, 02=F/O) (L,R) HSI DME display is blank. The RDMI DME display is OK.
34 55 14 --	The RDMI and HSI DME displays are blank for the (03=L, 04=R) DME.
34 55 15 --	The RDMI and HSI DME displays are dashes for the (03=L, 04=R) DME. VOR ident is OK.
34 55 16 --	The RDMI and HSI DME displays are dashes for the (03=L, 04=R) DME. ILS ident received. A usable DME signal is present.
34 55 17 --	The RDMI and HSI DME displays are dashes for the (03=L, 04=R) DME. (ILS, VOR) ident not received. A usable DME signal is present.
34 55 19 --	The RDMI and HSI DME distance is incorrect on the (01=Capt, 02=F/O) side with HSI in the ILS mode.
34 55 18 --	The RDMI DME display for the (03=L, 04=R, 05=Both) DME(s) is dashes with the HSI in MAP or PLAN mode.
34 55 XA --	Report DME symptoms or patterns along with fault code.

DME - LOG BOOK REPORTS

EFFECTIVITY

ALL

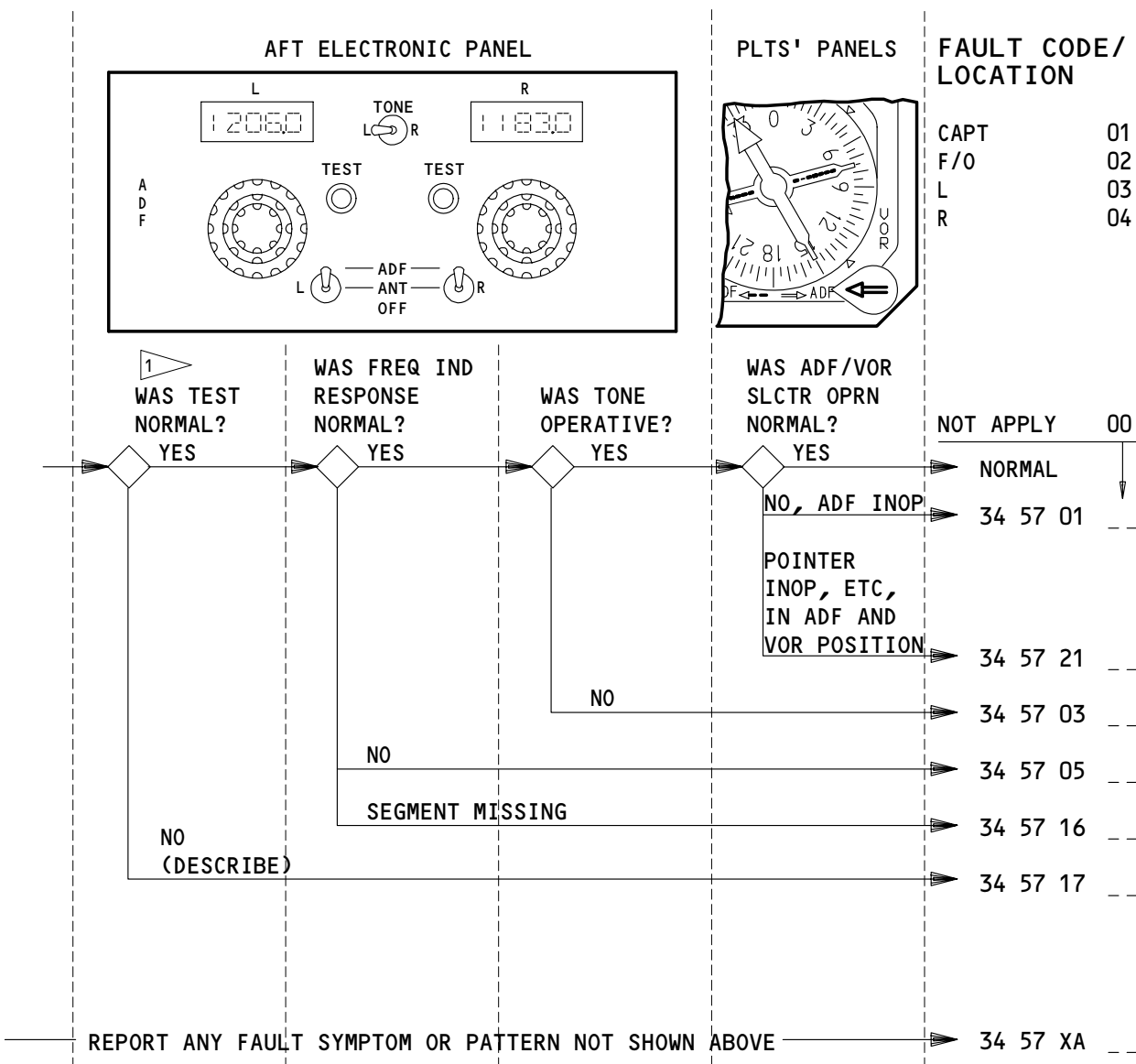
03

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



1 TEST MOMENTARILY DISPLAYS RDMI BRG POINTER FLAGS, POINTERS THEN MOVE 135° FROM AIRPLANE HDG. FLAGS REMAIN IF TEST FAILS.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A3	ADF (L, R)	11F25	(RIGHT) RDMI (R)
11A6	RDMI L	11F27	ADF R
11F6	(LEFT) ADF (L)		

ADF CONTROL PANEL/RDMI - FAULT CODES

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 57 01 --	Unable to select ADF with the (L, R) RDMI ADF/VOR selector on the (01=Capt, 02=F/O) RDMI. Warning flags are retracted. VOR operation normal.
34 57 21 --	(01=Capt, 02=F/O) (wide, narrow) RDMI pointer is (inop, stuck, etc) in ADF and VOR position.
34 57 03 --	ADF tone inoperative in (03=L, 04=R) position.
34 57 05 --	(03=L, 04=R) ADF frequency indicator does not respond to selector operation. (Identify digits)
34 57 16 --	(03=L, 04=R) ADF frequency indicator has segment missing.
34 57 17 --	(03=L, 04=R) ADF fails test. (Describe)
34 57 XA --	Report ADF control panel/RDMI symptoms or patterns along with fault code.

ADF CONTROL PANEL/RDMI - LOG BOOK REPORTS

EFFECTIVITY

ALL

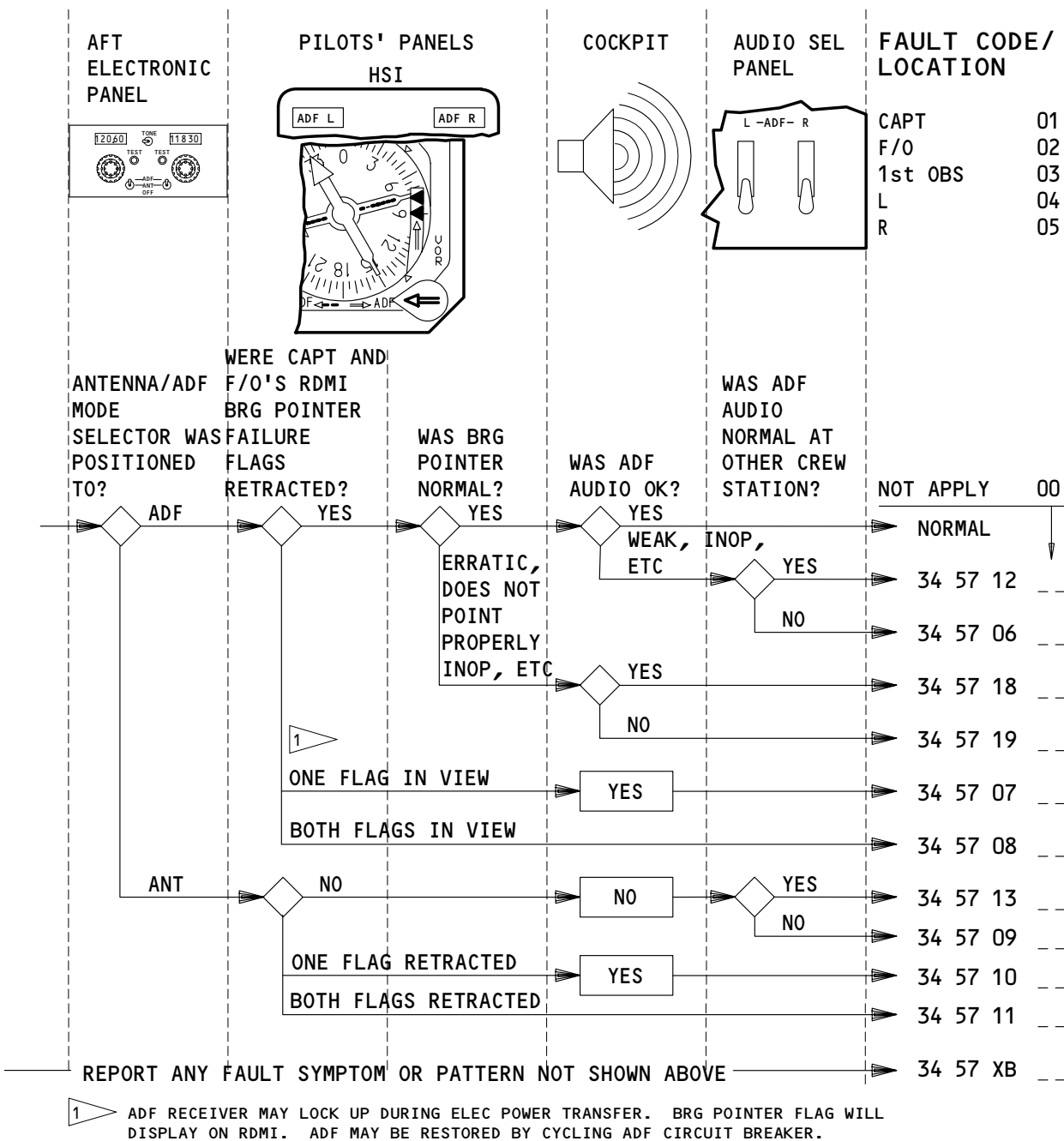
07

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A3	ADF (L, R)	11F6	(LEFT) ADF (L)	11F27	ADF R
11A6	RDMI L	11F25	(RIGHT) RDMI (R)		

ADF (ADF, ANT MODE) - FAULT CODES

EFFECTIVITY

ALL

NAVIGATION

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BOEING 767
 FAULT REPORTING MANUAL

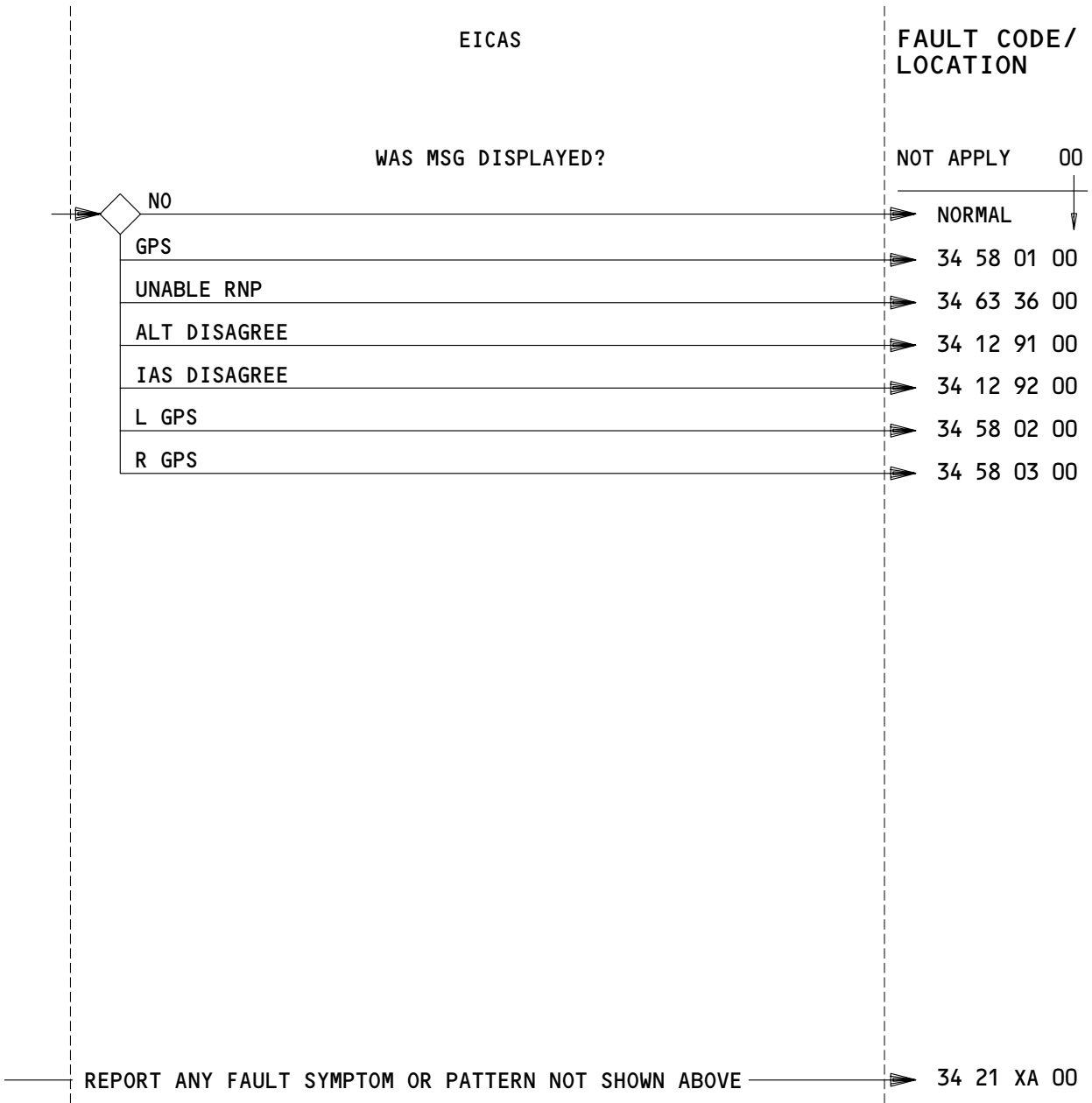
FAULT CODE	LOG BOOK REPORT
34 57 12 --	(L,R) ADF audio (describe fault) at (01=Capt, 02=F/O, 03=1st Obs) crew station with mode selector positioned to ADF.
34 57 06 --	ADF audio (describe fault) at either crew station using (04=L, 05=R) receiver with mode selector positioned to ADF. RDMI bearing pointer operation normal.
34 57 18 --	(04=L, 05=R) ADF pointer (erratic, does not point properly, inop, etc). Audio is normal.
34 57 19 --	(04=L, 05=R) ADF pointer (erratic, does not point properly, inop, etc). Audio is (describe fault).
34 57 07 --	During ADF operation, (L,R) bearing pointer failure flag in view in the (01=Capt, 02=F/O) RDMI with mode selector positioned to ADF. Operation of the same flag in the other RDMI is normal. Identification signal reception is also normal.
34 57 08 --	During ADF operation both (04=L, 05=R) bearing pointer failure flags continuously in view with mode selector positioned to ADF.
34 57 13 --	(L,R) ADF audio (describe fault) at (01=Capt, 02=F/O, 03=1st Obs) crew station with mode selector positioned to ANT.
34 57 09 --	ADF audio (describe fault) at either crew station using (04=L, 05=R) receiver with mode selector positioned to ANT. RDMI bearing pointer operation normal.
34 57 10 --	During ADF operation, (L, R) bearing pointer failure flag retracted in the (01=Capt, 02=F/O) RDMI with mode selector positioned to ANT. Operation of the same flag in the other RDMI is normal. Identification signal reception also normal.
34 57 11 --	During ADF operation both (04=L, 05=R) bearing pointer failure flags retracted with mode selector positioned to ANT. Identification signal reception normal.
34 57 XB --	Report ADF (ADF, ANT mode) symptoms or patterns along with fault code.

ADF (ADF, ANT MODE) – LOG BOOK REPORTS

EFFECTIVITY

ALL

BOEING 767
 FAULT REPORTING MANUAL



EICAS MESSAGE – FAULT CODES

EFFECTIVITY

ALL

04

NAVIGATION

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 AUG 22/02

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 58 01 00	EICAS msg GPS displayed.
34 63 36 00	EICAS msg UNABLE RNP displayed.
34 12 91 00	EICAS msg ALT DISAGREE displayed.
34 12 92 00	EICAS msg IAS DISAGREE displayed.
34 58 02 00	EICAS msg L GPS displayed.
34 58 03 00	EICAS msg R GPS displayed.
34 21 XA 00	Report EICAS message symptoms or patterns along with fault code.

EICAS MESSAGES – LOG BOOK REPORTS

S90319

EFFECTIVITY

ALL

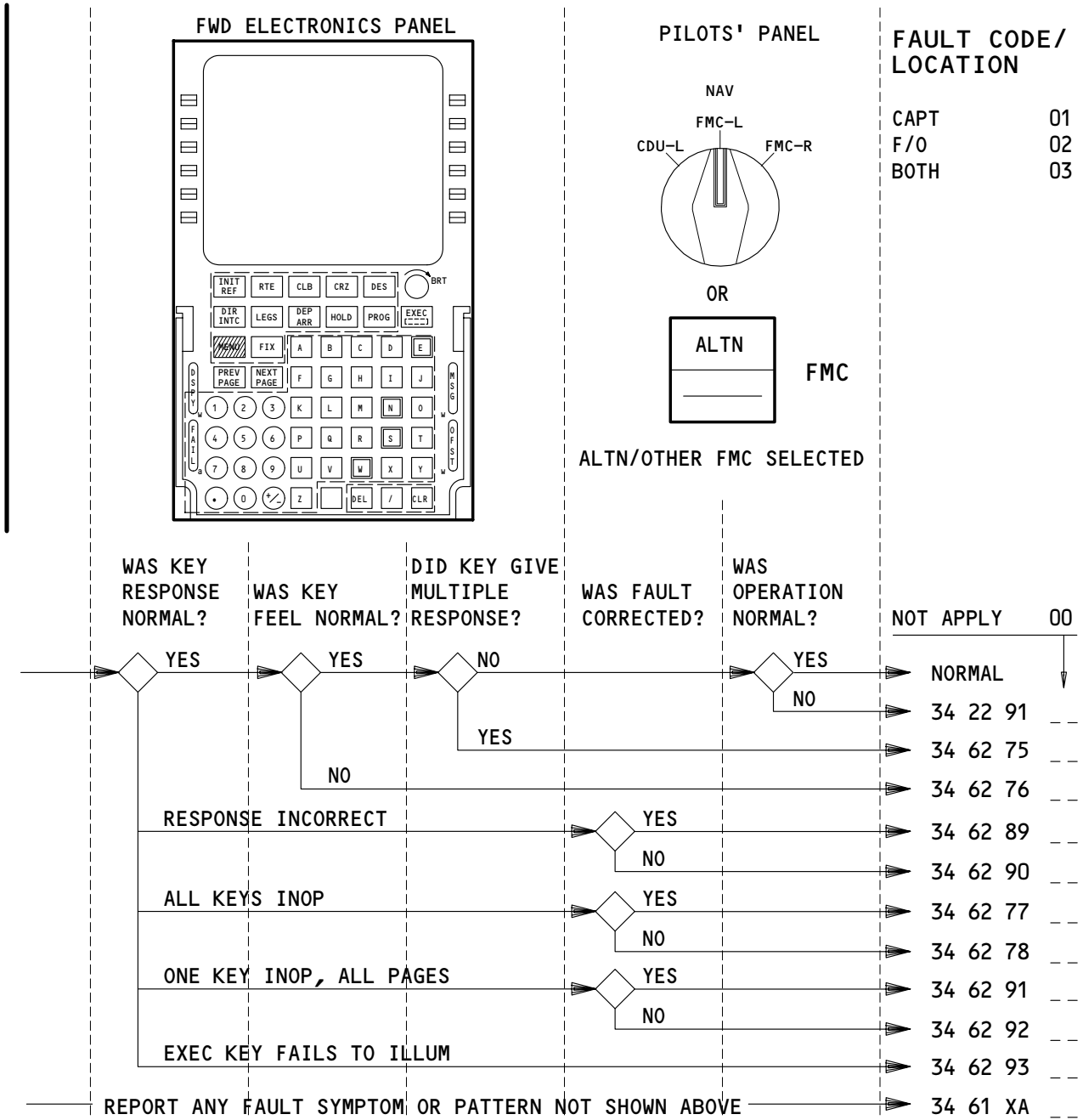
05

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E8 (LEFT) FMCS CDU (L)	11E29 (RIGHT) FMCS CDU (R)
11E9 (LEFT) FMCS CMPTR (L)	11E30 (RIGHT) FMCS CMPTR (R)

FMC-CDU KEYS & ALTN FMC - FAULT CODES

EFFECTIVITY

ALL

NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 34 22 91 __ (01=Capt, 02=F/0) alternate FMC source not norm. (Describe)
- 34 62 75 __ (Specify key) key on (01=Capt, 02=F/0) CDU gives multiple response.
- 34 62 76 __ (Specify key) key on (01=Capt, 02=F/0) CDU feel is abnormal.
- 34 62 89 __ (Specify key) key on (01=Capt, 02=F/0) CDU gives incorrect response.
Switching FMC source corrects the fault.
- 34 62 90 __ (Specify key) key on (01=Capt, 02=F/0) CDU gives incorrect response
with normal and alternate FMC source selected.
- 34 62 77 __ All keys on (01=Capt, 02=F/0) CDU inop. Switching FMC source corrects
the fault.
- 34 62 78 __ All keys on (01=Capt, 02=F/0) CDU inop with normal and ALTN FMC
selected.
- 34 62 91 __ (Specify key) on (01=Capt, 02=F/0) CDU inop on all pages. Switching
FMC source corrects the fault.
- 34 62 92 __ (Specify key) on (01=Capt, 02=F/0) CDU inop on all pages with normal
and alternate FMC source selected.
- 34 62 93 __ EXEC key on (01=Capt, 02=F/0, 03=both) CDU(s) fails to illum.
- 34 61 XA __ Report FMC-CDU keys & altn FMC symptoms or patterns along with fault
code.

FMC-CDU KEYS & ALTN FMC - LOG BOOK REPORTS

EFFECTIVITY

ALL

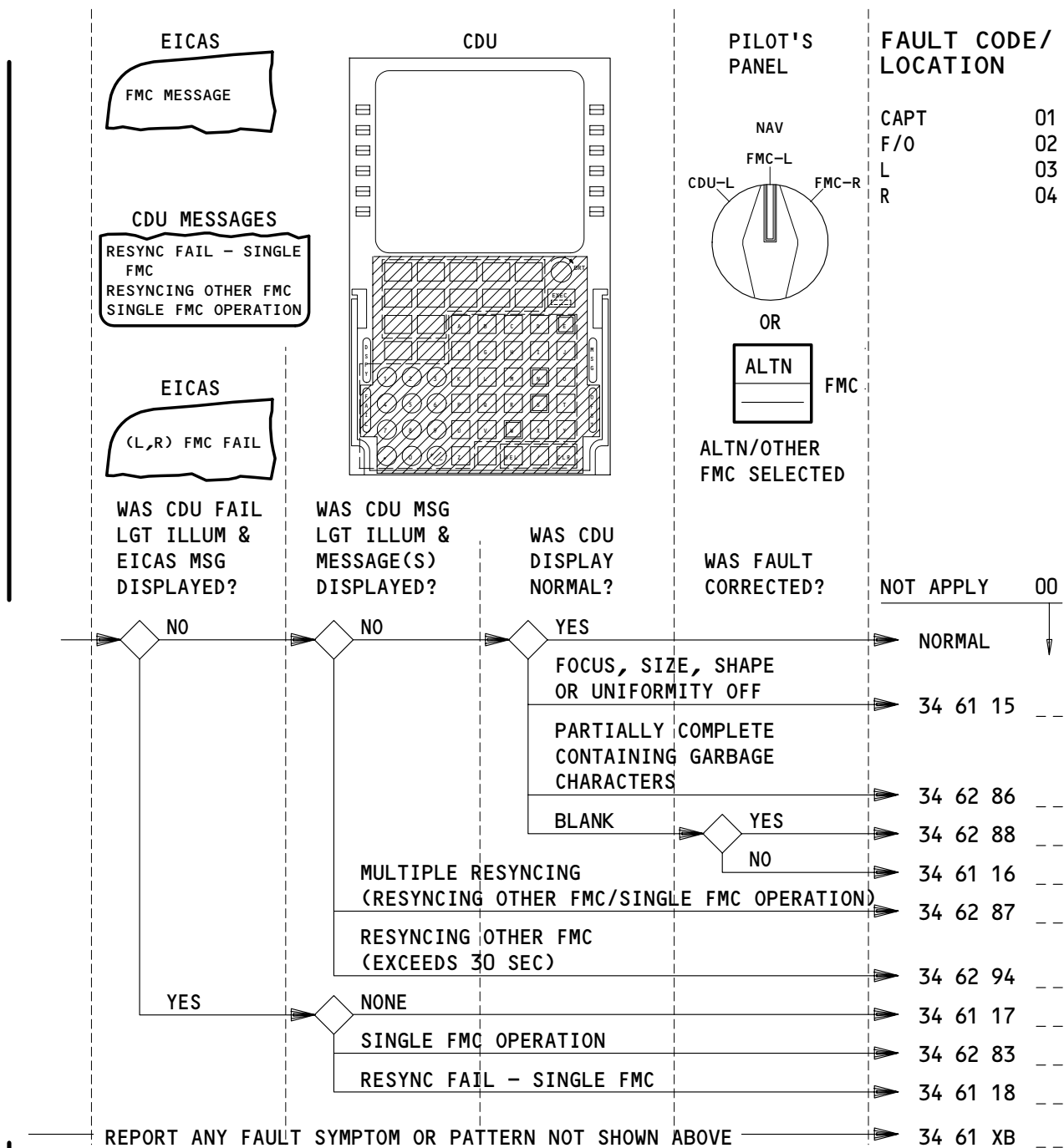
04

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

- | | | | |
|------|-----------------------|-------|------------------------|
| 11E8 | (LEFT) FMCS CDU (L) | 11E29 | (RIGHT) FMCS CDU (R) |
| 11E9 | (LEFT) FMCS CMPTR (L) | 11E30 | (RIGHT) FMCS CMPTR (R) |

CDU FAIL, FMC FAIL AND RESYNC - FAULT CODES

EFFECTIVITY

ALL

NAVIGATION

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | 34 61 15 __ (01=Capt, 02=F/O) CDU display is (describe fault).
- | 34 62 86 __ (01=Capt, 02=F/O) CDU display is (describe fault).
- | 34 62 88 __ (01=Capt, 02=F/O) CDU display blank. Selecting alternate FMC source corrects the fault.
- | 34 61 16 __ (01=Capt, 02=F/O) CDU display blank. Selecting alternate FMC source did not correct the fault.
- 34 62 87 __ (Record number of resyncs) resyncs experienced in (record time period) in (01=Capt, 02=F/O) CDU.
- 34 62 94 __ FMC resync takes longer than 30 secs in (01=Capt, 02=F/O) CDU.
- 34 61 17 __ EICAS msg (03=L, 04=R) FMC FAIL displayed.
- 34 62 83 __ EICAS msg (03=L, 04=R) FMC FAIL displayed. Other CDU displays SINGLE FMC OPERATION msg.
- 34 61 18 __ EICAS msg (03=L, 04=R) FMC FAIL displayed. Other CDU displays RESYNCING SINGLE FMC msg.
- 34 61 XB __ Report CDU fail, FMC fail and resync symptoms or patterns along with fault code.

CDU FAIL, FMC FAIL AND RESYNC - LOG BOOK REPORTS

EFFECTIVITY

ALL

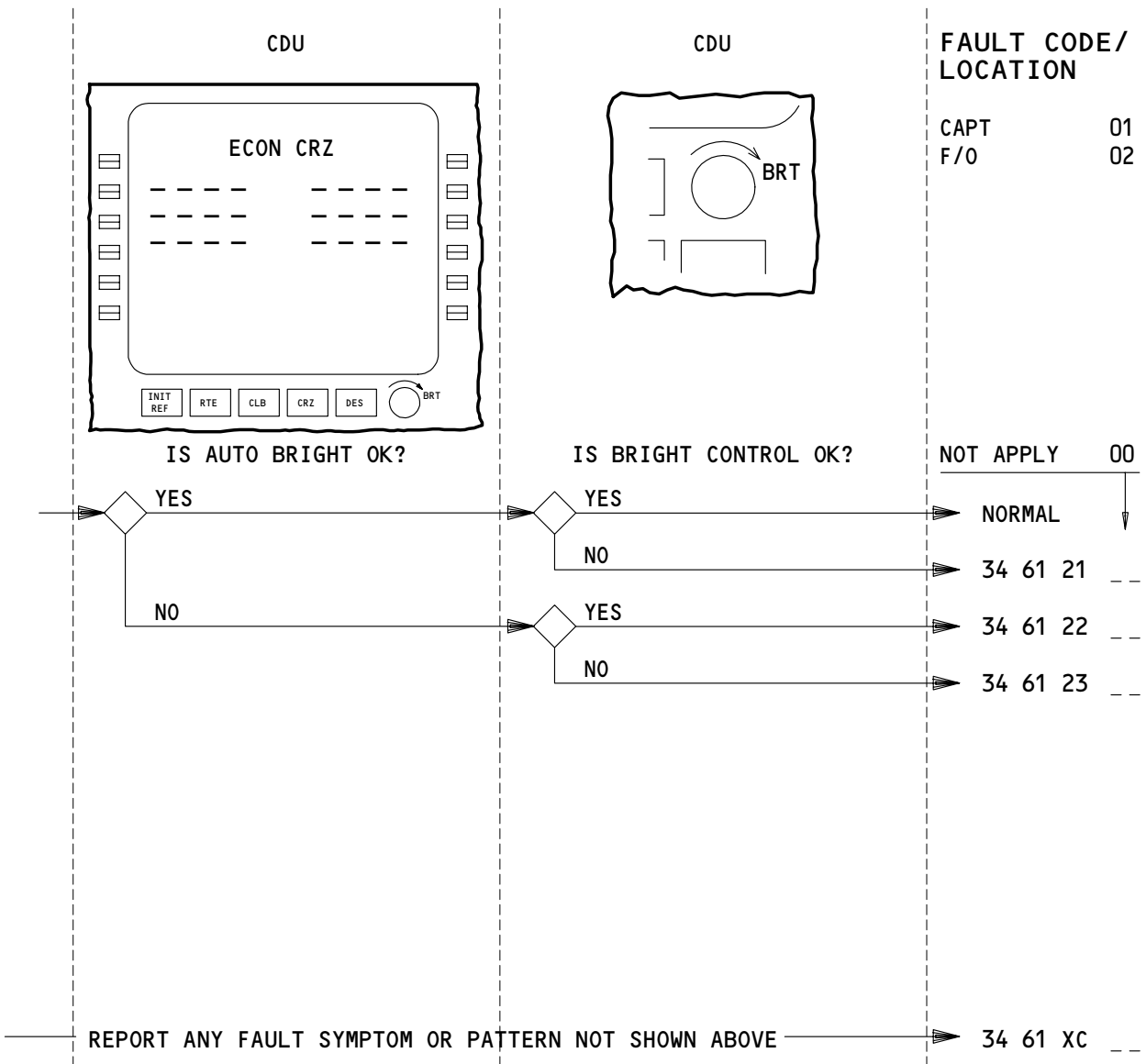
03

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

- | | |
|----------------------------|------------------------------|
| 11E8 (LEFT) FMCS CDU (L) | 11E29 (RIGHT) FMCS CDU (R) |
| 11E9 (LEFT) FMCS CMPTR (L) | 11E30 (RIGHT) FMCS CMPTR (R) |

FMC-CDU BRIGHTNESS – FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

34 61 21 __ Manual brightness control is inop on (01=Capt, 02=F/O) CDU.

34 61 22 __ Automatic brightness control is inop on (01=Capt, 02=F/O) CDU.

34 61 23 __ Manual and automatic brightness controls are inop on (01=Capt, 02=F/O) CDU.

| 34 61 XC __ Report FMC-CDU brightness symptoms or patterns along with fault codes.

FMC-CDU BRIGHTNESS - LOG BOOK REPORTS

EFFECTIVITY

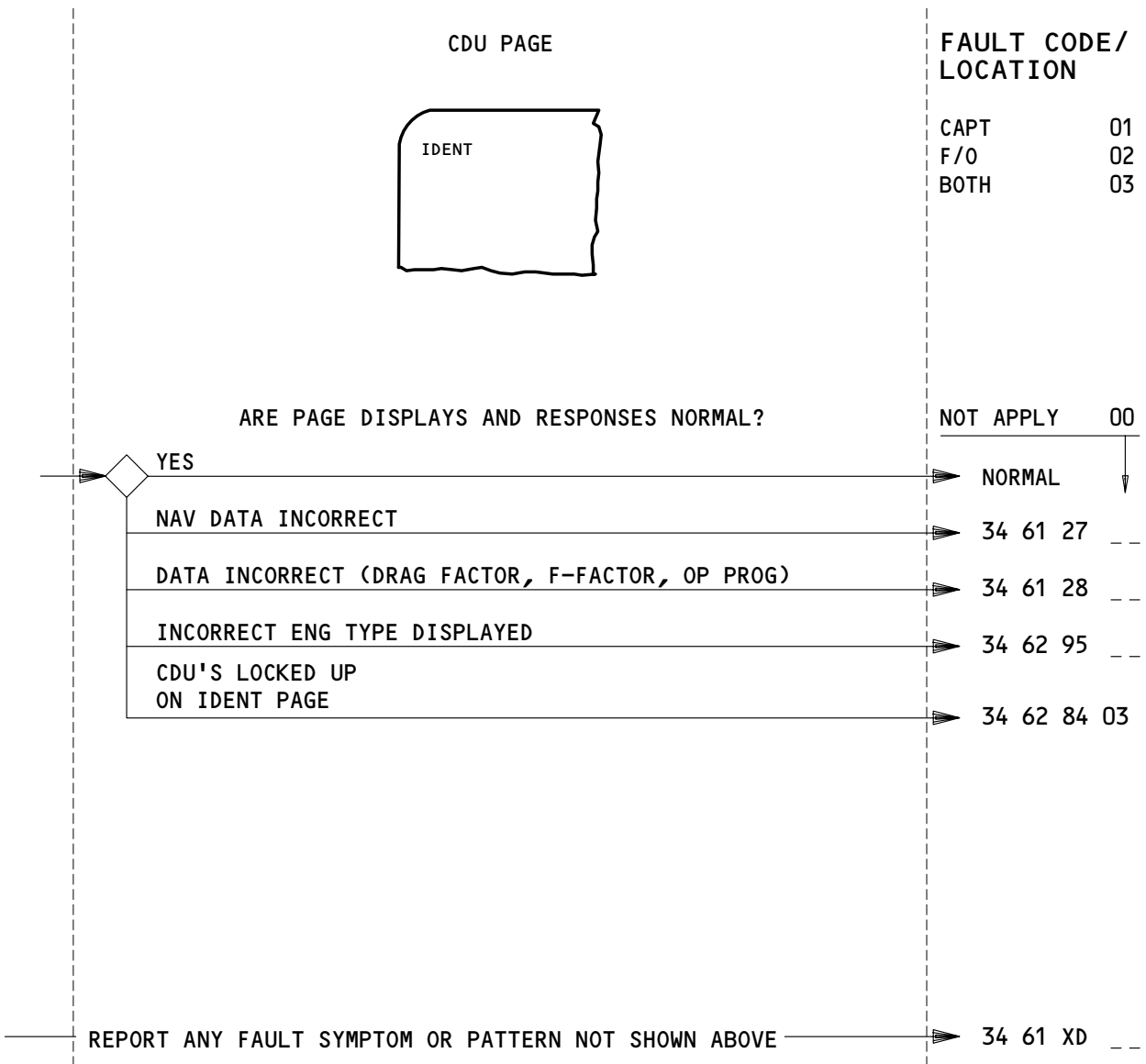
ALL

01

NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E8	(LEFT) FMCS CDU (L)	11E29	(RIGHT) FMCS CDU (R)
11E9	(LEFT) FMCS CMPTR (L)	11E30	(RIGHT) FMCS CMPTR (R)

FMC-CDU IDENT PAGE - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 61 27 __	Nav data incorrect on (01=Capt, 02=F/0, 03=both) CDU IDENT page(s).
34 61 28 __	(State data, e.g.: drag factor, F-F factor, op program, etc) is incorrect on (01=Capt, 02=F/0, 03=both) CDU IDENT page(s).
34 62 95 __	Incorrect engine type displayed on (01=Capt, 02=F/0, 03=both) CDU IDENT page(s).
34 62 84 03	Both CDU's are locked up on IDENT page.
34 61 XD __	Report FMC-CDU ident page symptoms or patterns along with fault code.

FMC-CDU IDENT PAGE - LOG BOOK REPORTS

EFFECTIVITY

ALL

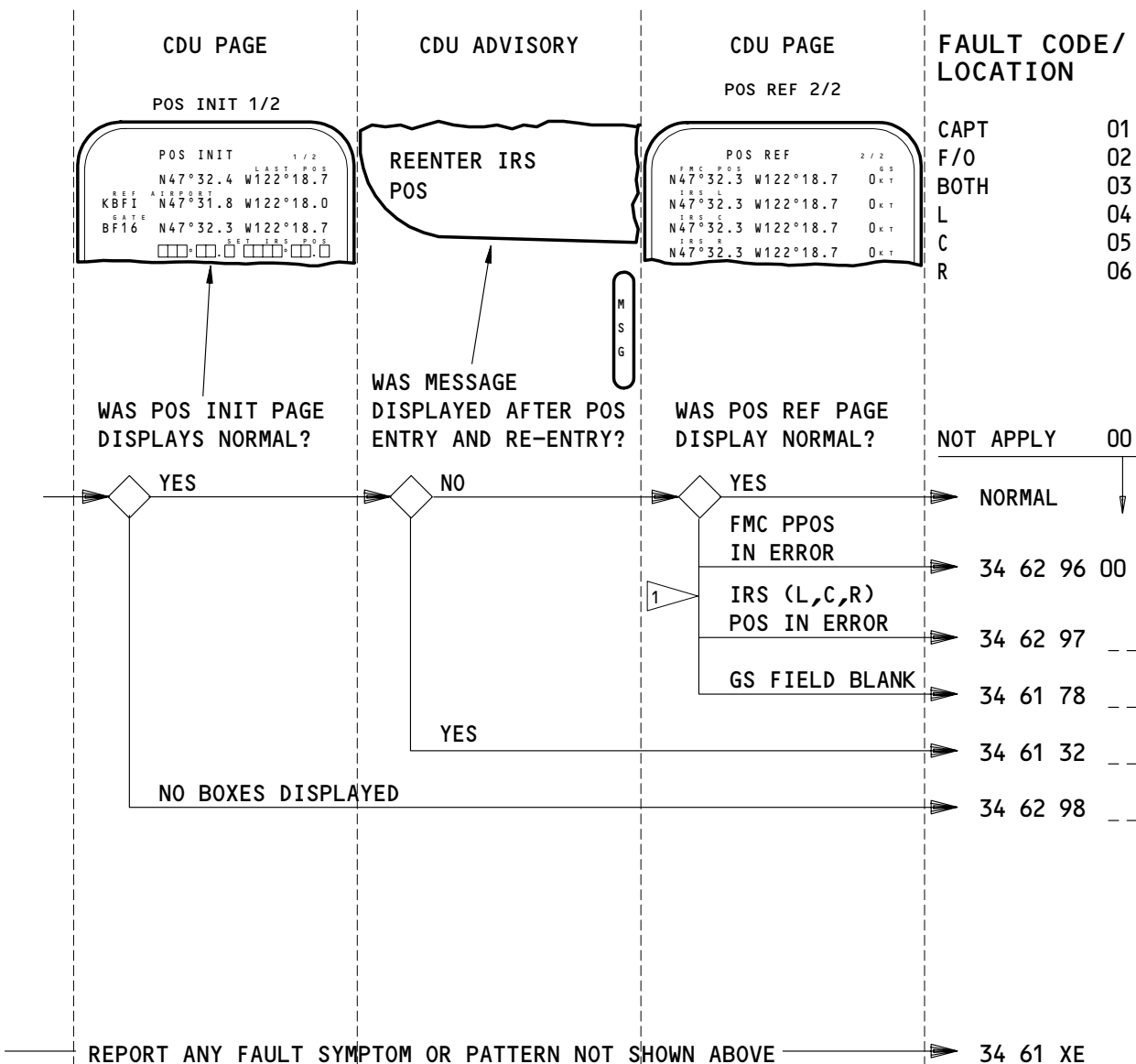
03

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



1 RECORD TIME IRS WAS IN OPERATION, ACTUAL AND INDICATED LATITUDE AND LONGITUDE. ADD ADDITIONAL NOTE TO LOG BOOK REPORT IF ERROR IS EXCESSIVE FOR 2 CONSECUTIVE FLIGHTS. (SEE RADIAL POSITION ERROR CHECK)

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6D3	L IRS	11E8	(LEFT) FMCS CDU (L)	11F1	(LEFT) IRS (L)
6D4	C IRS	11E9	(LEFT) FMCS CMPTR (L)	11F21	(CENTER) IRS (C)
6D5	R IRS	11E29	(RIGHT) FMCS CDU (R)	11F22	(RIGHT) IRS (R)
		11E30	(RIGHT) FMCS CMPTR (R)		

FMC-CDU POS INIT/REF PAGE - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 34 62 96 00 FMC pos on CDU POS REF page 2/2 is in error. (Record error)
- 34 62 97 -- (04=L, 05=C, 06=R) IRS pos on CDU POS REF page 2/2 is in error. (record time IRS was in operation, actual and indicated latitude and longitude. Add note if IRS error was excessive for 2 consecutive flights).
- 34 61 78 -- GS field blank on (01=CAPT, 02=F/O, 03=Both) CDU POS REF page.
- 34 61 32 -- IRS position entry from (01=Capt, 02=F/O) CDU results in REENTER IRS POS on scratch pad. Message would not clear after POS reentered.
- 34 62 98 -- No boxes are displayed for position initialization on (01=Capt, 02=F/O, 03=both) CDUs.
- 34 61 XE -- Report FMC-CDU POS INIT/REF page symptoms or patterns along with fault code.

FMC-CDU POS INIT/REF PAGE - LOG BOOK REPORTS

EFFECTIVITY

ALL

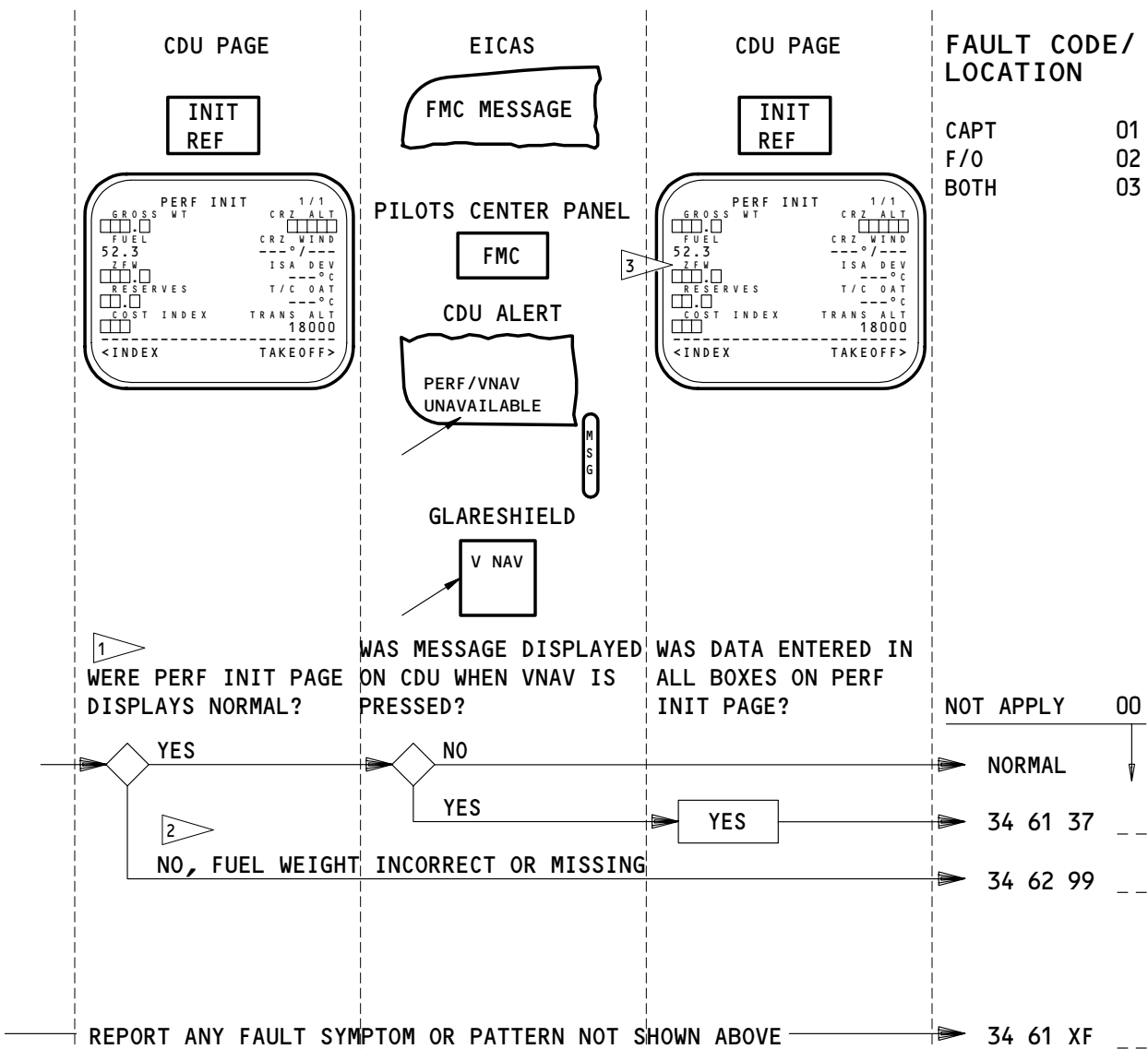
03

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



- 1 ALL FUEL INFORMATION, EXCEPT TOTAL FUEL, WILL BE BLANK IF ENG SHUTDOWN OR EICAS TEST BUTTON IS PRESSED.
- 2 TO CORRECT DIFFERENCE BETWEEN FMC FUEL & TOTALIZER FUEL, MANUALLY ENTER ANY AMOUNT OF FUEL, THEN DELETE FUEL WITH DELETE KEY. FMC SHOULD THEN DISPLAY TOTALIZER FUEL.
- 3 ZFW ENTRY OF 108.5 WILL BE DISPLAYED AS 108.4. THIS IS A KNOWN ANOMALY. DO NOT REPORT.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E8	(LEFT) FMCS CDU (L)	11E29	(RIGHT) FMCS CDU (R)
11E9	(LEFT) FMCS CMPTR (L)	11E30	(RIGHT) FMCS CMPTR (R)

FMC-CDU PERFORMANCE INITIALIZATION PAGE - FAULT CODES

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 34 61 37 -- FMC MESSAGE on EICAS and PERF/VNAV UNAVAILABLE displayed on (01=Capt, 02=F/O, 03=both) CDU(S) when VNAV button pressed. Data was entered in all boxes on perf init page.
- 34 62 99 -- The fuel weight is (incorrect, missing) from the performance initialization page on the (01=Capt, 02=F/O, 03=both) CDU(s).
- 34 61 XF -- Report FMC-CDU performance initialization page symptoms or patterns along with fault code.

FMC-CDU PERFORMANCE INITIALIZATION PAGE - LOG BOOK REPORTS

EFFECTIVITY

ALL

03

NAVIGATION

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FAULT REPORTING MANUAL

CDU PAGE

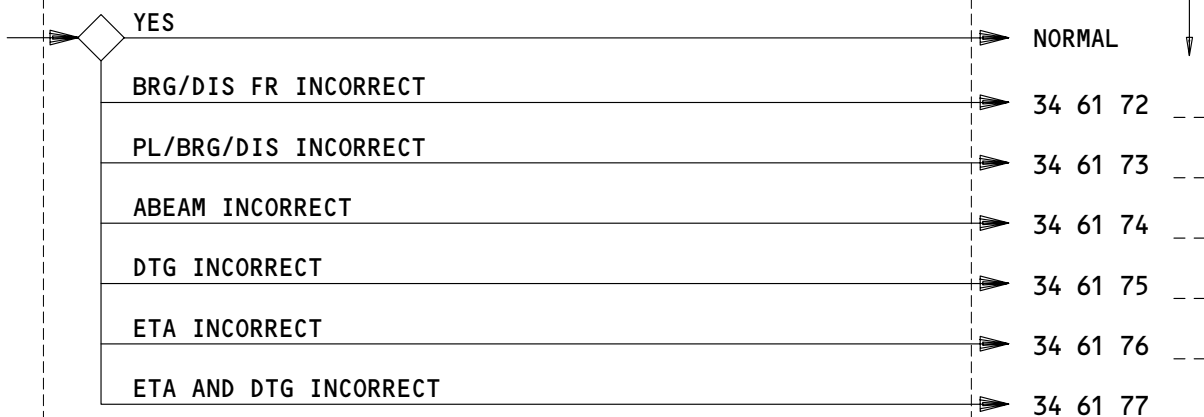


**FAULT CODE/
LOCATION**

CAPT	01
F/O	02
BOTH	03

WERE PAGE DISPLAYS AND RESPONSES NORMAL?

NOT APPLY 00



REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE → 34 61 XK --

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E8	(LEFT) FMCS CDU (L)	11E29	(RIGHT) FMCS CDU (R)
11E9	(LEFT) FMCS CMPTR (L)	11E30	(RIGHT) FMCS CMPTR (R)

FMC - CDU FIX INFO PAGE - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 61 72 __	BRG/DIS FR incorrect on (01=Capt, 02=F/O, 03=both) FIX INFO page(s).
34 61 73 __	PL/BRG/DIS incorrect on (01=Capt, 02=F/O, 03=both) FIX INFO page(s).
34 61 74 __	ABEAM incorrect on (01=Capt, 02=F/O, 03=both) FIX INFO page(s).
34 61 75 __	DTG incorrect on (01=Capt, 02=F/O, 03=both) FIX INFO page(s).
34 61 76 __	ETA incorrect on (01=Capt, 02=F/O, 03=both) FIX INFO page(s).
34 61 77 __	ETA and DTG incorrect on (01=Capt, 02=F/O, 03=both) FIX INFO page(s).
34 61 XK __	Report FMC-CDU FIX INFO page symptoms or patterns along with fault codes.

FMC - CDU FIX INFO PAGE - LOG BOOK REPORTS

EFFECTIVITY

ALL

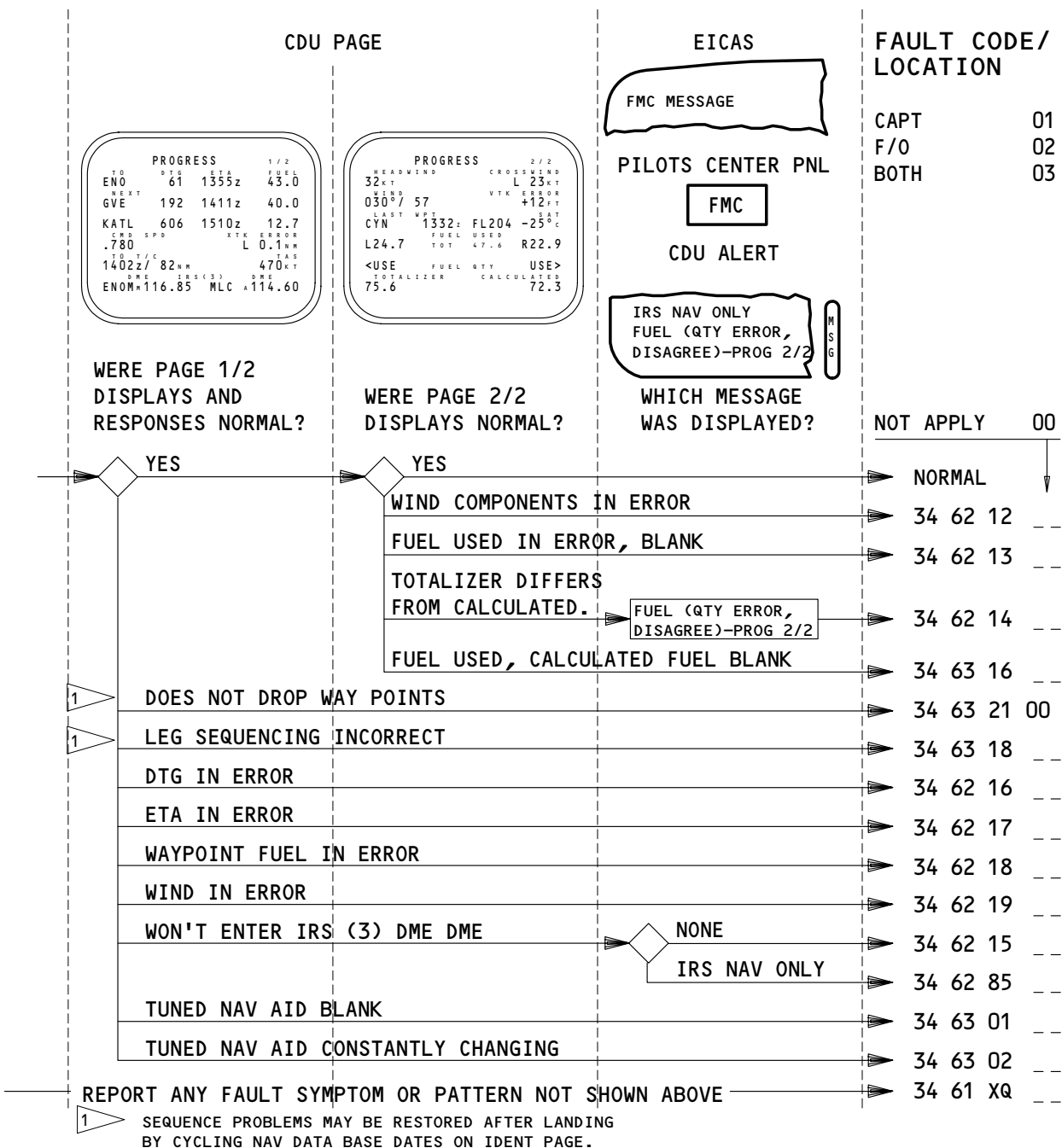
01

NAVIGATION

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A1	VOR/MKR L	11E11	(LEFT) DME (L)	11E32	(RIGHT) DME (R)
11E8	(LEFT) FMCS CDU (L)	11E29	(RIGHT) FMCS CDU (R)	11E33	(RIGHT) VOR (R)
11E9	(LEFT) FMCS CMPTR (L)	11E30	(RIGHT) FMCS CMPTR (R)		

FMC-CDU PROGRESS PAGE - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 62 12 --	Wind components in error on progress page 2 on (01=Capt, 02=F/0, 03=both) CDU(s).
34 62 13 --	FUEL USED (in error, blank) on progress page 2 on (01=Capt, 02=F/0, 03=both) CDU(s).
34 62 14 --	FUEL (QTY ERROR, DISAGREE)-PROG 2/2 alert message is displayed on CDU. TOTALIZER differs from CALCULATED on progress page 2 of (01=Capt, 02=F/0, 03=both) CDU(s).
34 63 16 --	FUEL USED and CALCULATED FUEL display blank on (01=Capt, 02=F/0, 03=both) CDU(s).
34 63 21 00	CDU'S do not drop waypoints.
34 63 18 --	(01=Capt, 02=F/0) leg sequencing is incorrect on CDU.
34 62 16 --	DTG in error on progress page 1 of (01=Capt, 02=F/0, 03=both) CDU(s).
34 62 17 --	ETA in error on progress page 1 of (01=Capt, 02=F/0, 03=both) CDU(s).
34 62 18 --	Waypoint fuel in error on Progress page 1 of (01=Capt, 02=F/0, 03=both) CDU(s).
34 62 19 --	Wind in error on progress page 1 of (01=Capt, 02=F/0, 03=both) CDU(s).
34 62 15 --	FMC won't enter the IRS (3) DME DME mode. Progress page 2 indicates (IRS (2) DME DME, IRS (3) DME VOR, etc) on the (01=Capt, 02=F/0, 03=both) CDU(s).
34 62 85 --	IRS NAV ONLY alert message displayed on (01=Capt, 02=F/0, 03=both) CDU(s).
34 63 01 --	Tuned nav aid data blank on progress page of (01=Capt, 02=F/0, 03=both) CDU(s).
34 63 02 --	Tuned nav aid data constantly changing on progress page of (01=Capt, 02=F/0, 03=both) CDU(s).
34 61 XQ --	Report FMC-CDU progress page symptoms or patterns along with fault code.

FMC-CDU PROGRESS PAGE - LOG BOOK REPORTS

EFFECTIVITY

ALL

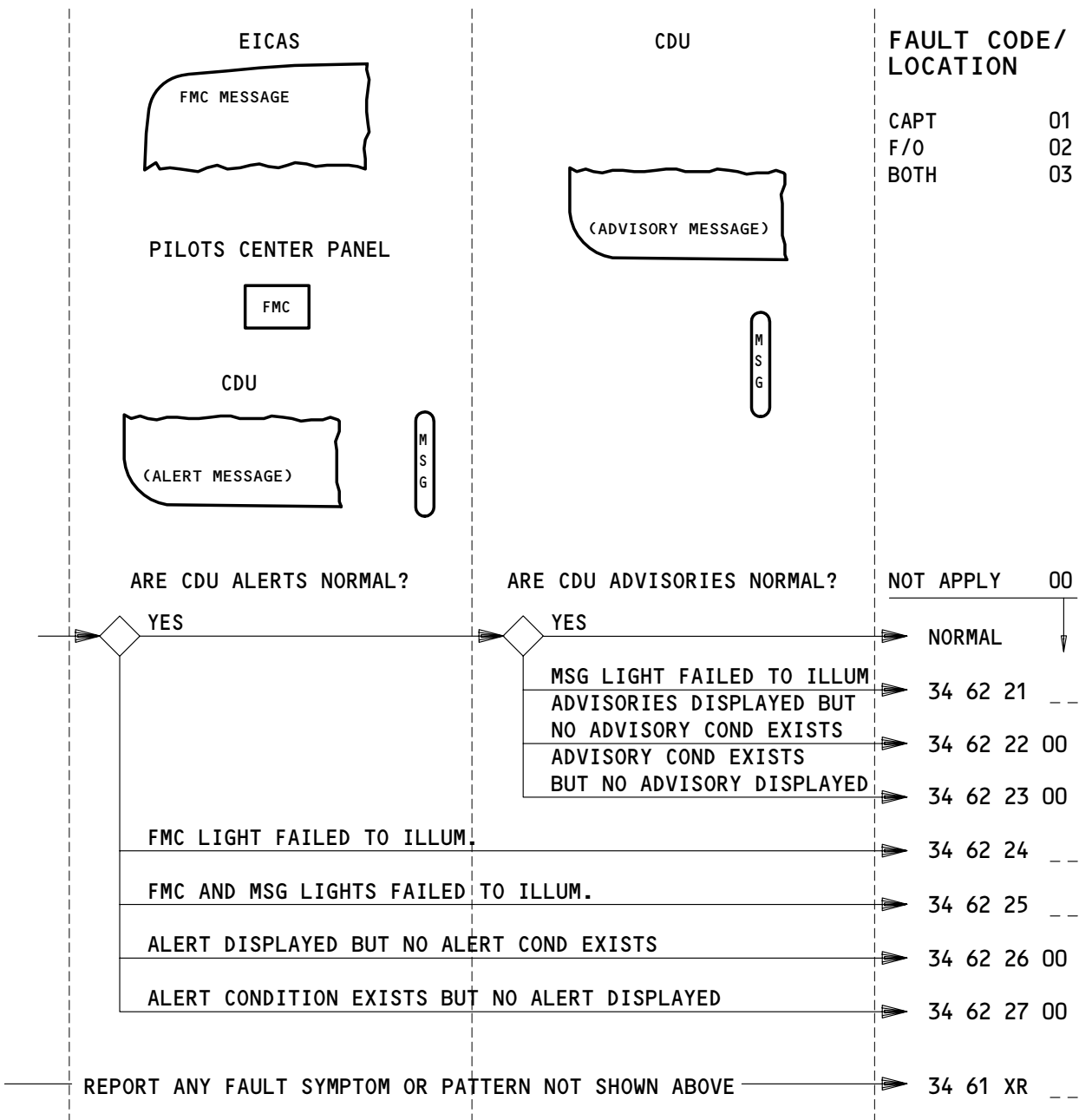
01

NAVIGATION

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

- | | | | |
|------|-----------------------|-------|------------------------|
| 11E8 | (LEFT) FMCS CDU (L) | 11E29 | (RIGHT) FMCS CDU (R) |
| 11E9 | (LEFT) FMCS CMPTR (L) | 11E30 | (RIGHT) FMCS CMPTR (R) |

FMC-CDU ALERT AND ADVISORY MESSAGES – FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 62 21 --	MSG light fails to illuminate with CDU advisories on (01=Capt, 02=F/O, 03=both) CDU(s).
34 62 22 00	(NOT IN DATA BASE, REENTER IRS POSITION, MAX ALT FLXXX, ETC) advisory message displayed when the advisory condition does not exist.
34 62 23 00	The following advisory condition exists and no advisory message was received: (describe advisory condition).
34 62 24 --	The FMC light fails to illuminate with CDU alerts on (01=Capt, 02=F/O, 03=both) CDU(s).
34 62 25 --	The FMC light and MSG light fail to illuminate with CDU alerts on (01=Capt, 02=F/O, 03=both) CDU(s).
34 62 26 00	END OF ROUTE, DISCONTINUITY, NO ACTIVE ROUTE, etc) alert message displayed when the alert condition does not exist.
34 62 27 00	The following alert condition exists and no alert message was received: (describe alert condition).
34 61 XR --	Report FMC-CDU alert and advisory message symptoms or patterns along with fault codes.

FMC-CDU ALERT AND ADVISORY MESSAGES – LOG BOOK REPORTS

EFFECTIVITY

ALL

03

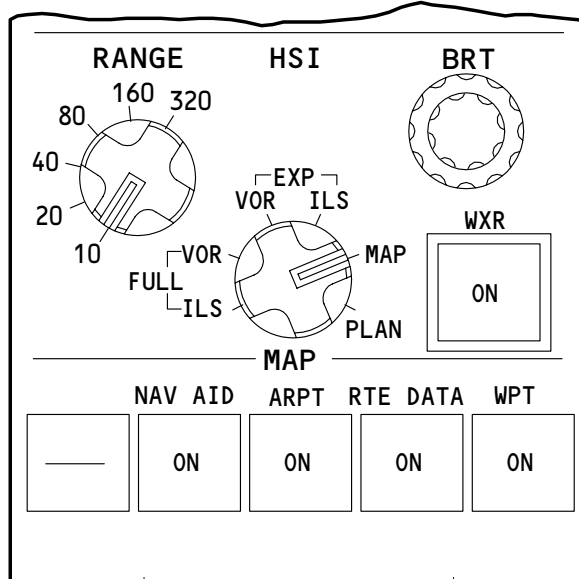
NAVIGATION

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FAULT REPORTING MANUAL

FORWARD ELECTRONIC PANEL



FAULT CODE/ LOCATION

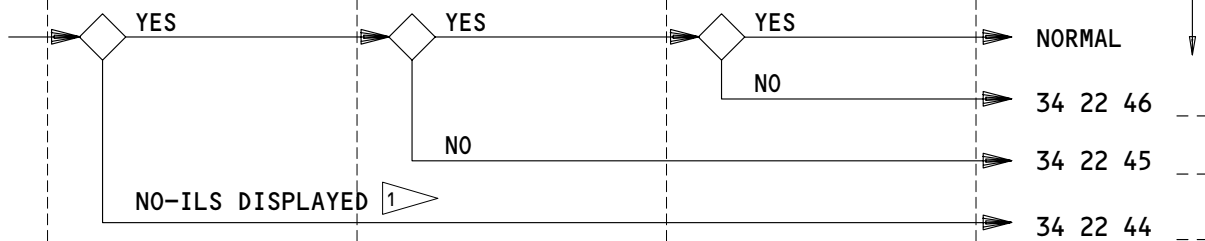
CAPT 01
F/O 02

DID HSI MODE SLCTR
POSITION CORRESPOND
TO HSI DISPLAY?

WERE HSI MAP
SWITCHES OK?

WAS HSI RANGE SLCTR
OK?

NOT APPLY 00



NO-ILS DISPLAYED ¹

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE

34 22 XD

¹ DH AND WX RADAR FAIL FLAGS DISPLAYED.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E4 (LEFT) EFIS CONT PNL (L)

11E25 (RIGHT) EFIS CONT PNL (R)

11E8 (LEFT) FMCS CDU (L)

11E29 (RIGHT) FMCS CDU (R)

11E9 (LEFT) FMCS CMPTR (L)

11E30 (RIGHT) FMCS CMPTR (R)

FMC-HSI RANGE, MAP AND MODE SELECT - FAULT CODES

EFFECTIVITY

ALL

20

NAVIGATION

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | 34 22 46 __ (01=Capt, 02=F/O) HSI RANGE selector (describe fault).

- | 34 22 45 __ (01=Capt, 02=F/O) HSI (NAV AID, ARPT, RTE DATA, WPT) MAP feature switch(es) (describe fault).

- | 34 22 44 __ (01=Capt, 02=F/O) HSI mode selector position doesn't correspond to HSI display. ILS mode displayed. DH and WX RADAR FAIL displayed.

- 34 22 XD __ Report FMC-HSI range, map and mode sel symptoms or patterns along with fault code.

| FMC-HSI RANGE, MAP AND MODE SELECT - LOG BOOK REPORTS

EFFECTIVITY

ALL

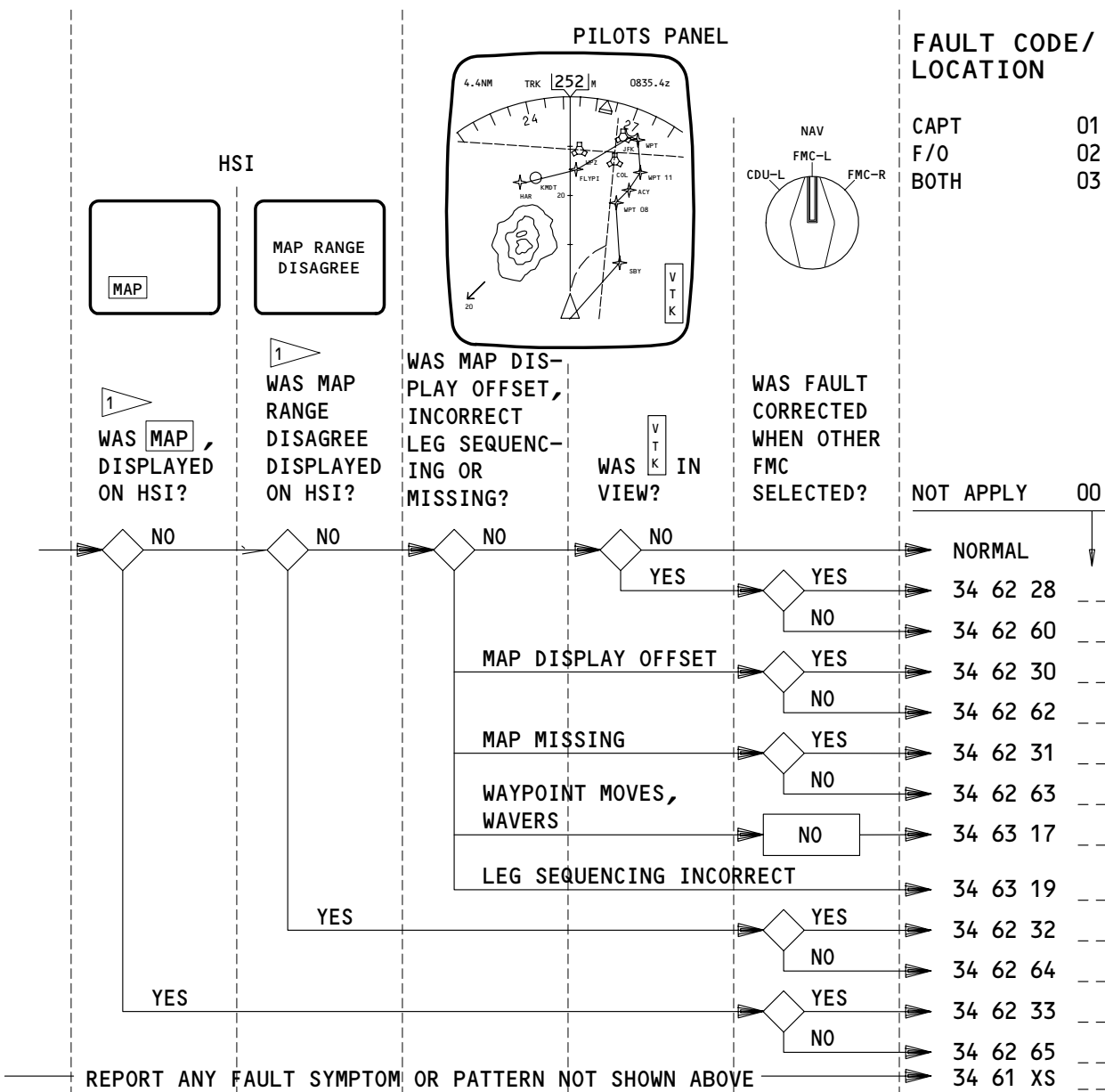
01

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



1 DISPLAY FOR SHORT PERIODS NORMAL FOR SOME FMC OPERATIONS.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E4	(LEFT) EFIS CONT PNL (L)	11E25	(RIGHT) EFIS CONT PNL (R)	11F8	EFIS SYM GEN L
11E6	(LEFT) HSI (L)	11E27	(RIGHT) HSI (R)	11F9	EFIS SYM GEN (C, CTR)
11E8	(LEFT) FMCS CDU (L)	11E29	(RIGHT) FMCS CDU (R)	11F29	(RIGHT) EFIS SYM GEN (R)
11E9	(LEFT) FMCS CMPTR (L)	11E30	(RIGHT) FMCS CMPTR (R)		

FMC-HSI MAP GENERAL - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 62 28 --	VTK flag is in view on (01=Capt, 02=F/0) HSI(s). Selecting ALTN FMC corrects the fault.
34 62 60 --	VTK flag is in view on (01=Capt, 02=F/0, 03=both) HSI(s). Selecting ALTN FMC doesn't correct the fault.
34 62 30 --	Map display is offset on (01=Capt, 02=F/0) HSI(s). Selecting ALTN FMC corrects the fault.
34 62 62 --	Map display is offset on (01=Capt, 02=F/0, 03=both) HSI(s). Selecting ALTN FMC doesn't correct the fault.
34 62 31 --	Map is missing on (01=Capt, 02=F/0) HSI(s). Selecting ALTN FMC corrects the fault.
34 62 63 --	Map is missing on (01=Capt, 02=F/0, 03=both) HSI(s). Selecting ALTN FMC doesn't correct the fault.
34 63 17 --	Waypoint display (moves, wavers, etc) on (01=Capt, 02=F/0, 03=both) HSI(s). Selecting ALTN FMC doesn't correct fault.
34 63 19 --	(01=CAPT, 02=F/0) HSI displays leg sequencing incorrectly.
34 62 32 --	(01=Capt, 02=F/0) HSI(s) display MAP RANGE DISAGREE. Selecting ALT FMC corrects the fault.
34 62 64 --	(01=Capt, 02=F/0, 03=both) HSI(s) display MAP RANGE DISAGREE. Selecting ALT FMC doesn't correct the fault.
34 62 33 --	(01=Capt, 02=F/0) HSI(s) display (MAP , MAP FAIL). Selecting ALTN FMC corrects the fault.
34 62 65 --	(01=Capt, 02=F/0, 03=Both) HSI(s) display (MAP , MAP FAIL. Selecting ALTN FMC doesn't correct the fault.
34 61 XS --	Report FMC-HSI map general symptoms or patterns along with fault code.

FMC-HSI MAP GENERAL - LOG BOOK REPORTS

EFFECTIVITY

ALL

03

NAVIGATION

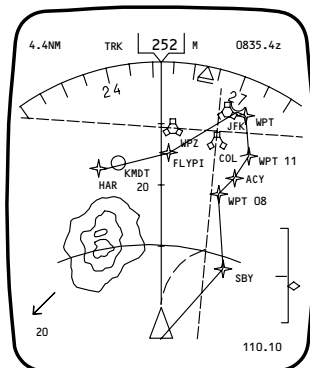
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290001

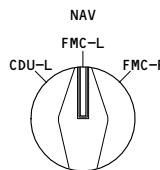
BOEING 767

FAULT REPORTING MANUAL

PILOTS PNL

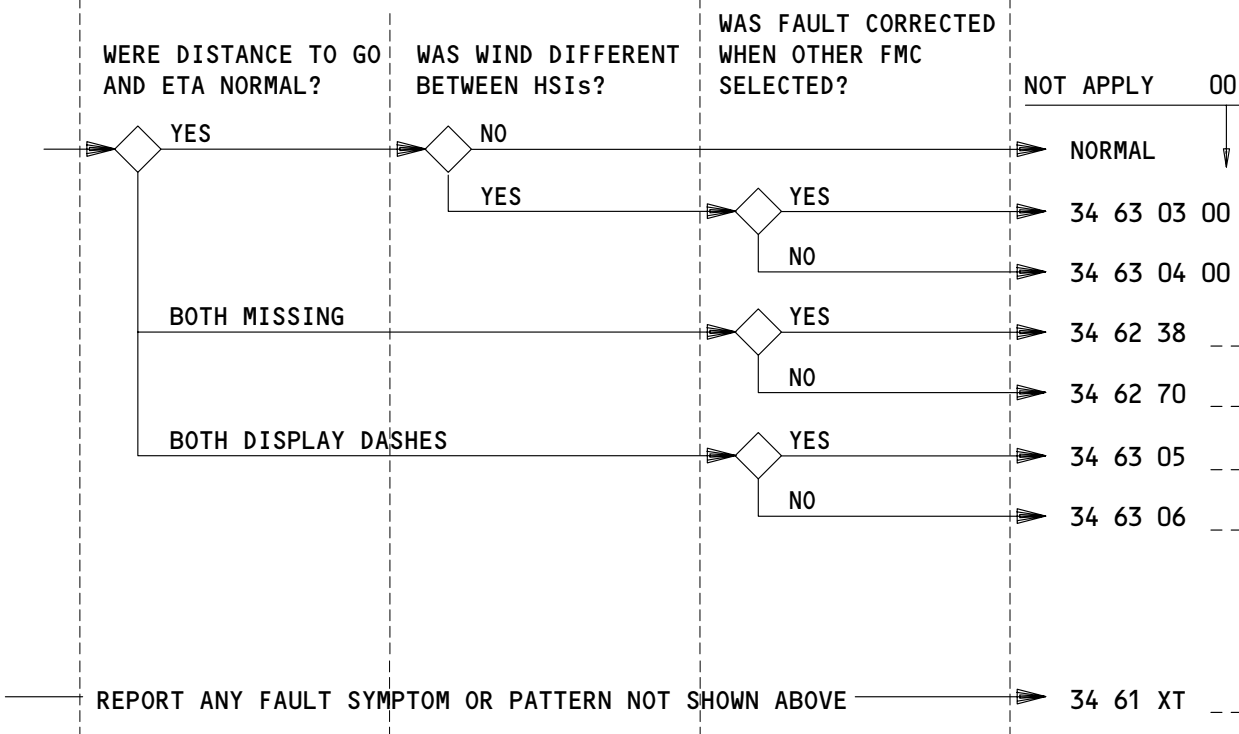


PILOTS PNL



FAULT CODE/
LOCATION

CAPT	01
F/O	02
BOTH	03



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E4	(LEFT) EFIS CONT PNL (L)	11E25	(RIGHT) EFIS CONT PNL (R)	11F8	EFIS SYM GEN L
11E6	(LEFT) HSI (L)	11E27	(RIGHT) HSI (R)	11F9	EFIS SYM GEN (C, CTR)
11E8	(LEFT) FMCS CDU (L)	11E29	(RIGHT) FMCS CDU (R)	11F29	(RIGHT) EFIS SYM GEN (R)
11E9	(LEFT) FMCS CMPTR (L)	11E30	(RIGHT) FMCS CMPTR (R)		

FMC-HSI MAP DATA - FAULT CODES

EFFECTIVITY

ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
34 63 03 00	Wind vector of Capt HSI differs from F/O HSI. Selecting ALTN FMC corrects the fault.
34 63 04 00	Wind vector on Capt HSI differs from F/O HSI with both normal and ALTN selected.
34 62 38 --	Distance to go and ETA are missing from (01=Capt, 02=F/O) HSI(s). Selecting ALTN FMC corrects the fault.
34 62 70 --	Distance to go and ETA are missing from (01=Capt, 02=F/O, 03=both) HSI(s). Selecting ALTN FMC doesn't correct the fault.
34 63 05 --	Distance to go and ETA display dashes on (01=Capt, 02=F/O, 03=both) HSI(s). Selecting ALTN FMC corrects the fault.
34 63 06 --	Distance to go and ETA display dashes on (01=Capt, 02=F/O, 03=both) HSI(s) with normal and ALTN FMC.
34 61 XT --	Report FMC-HSI map data symptoms and patterns along with fault code.

FMC-HSI MAP DATA - LOG BOOK REPORTS

EFFECTIVITY

ALL

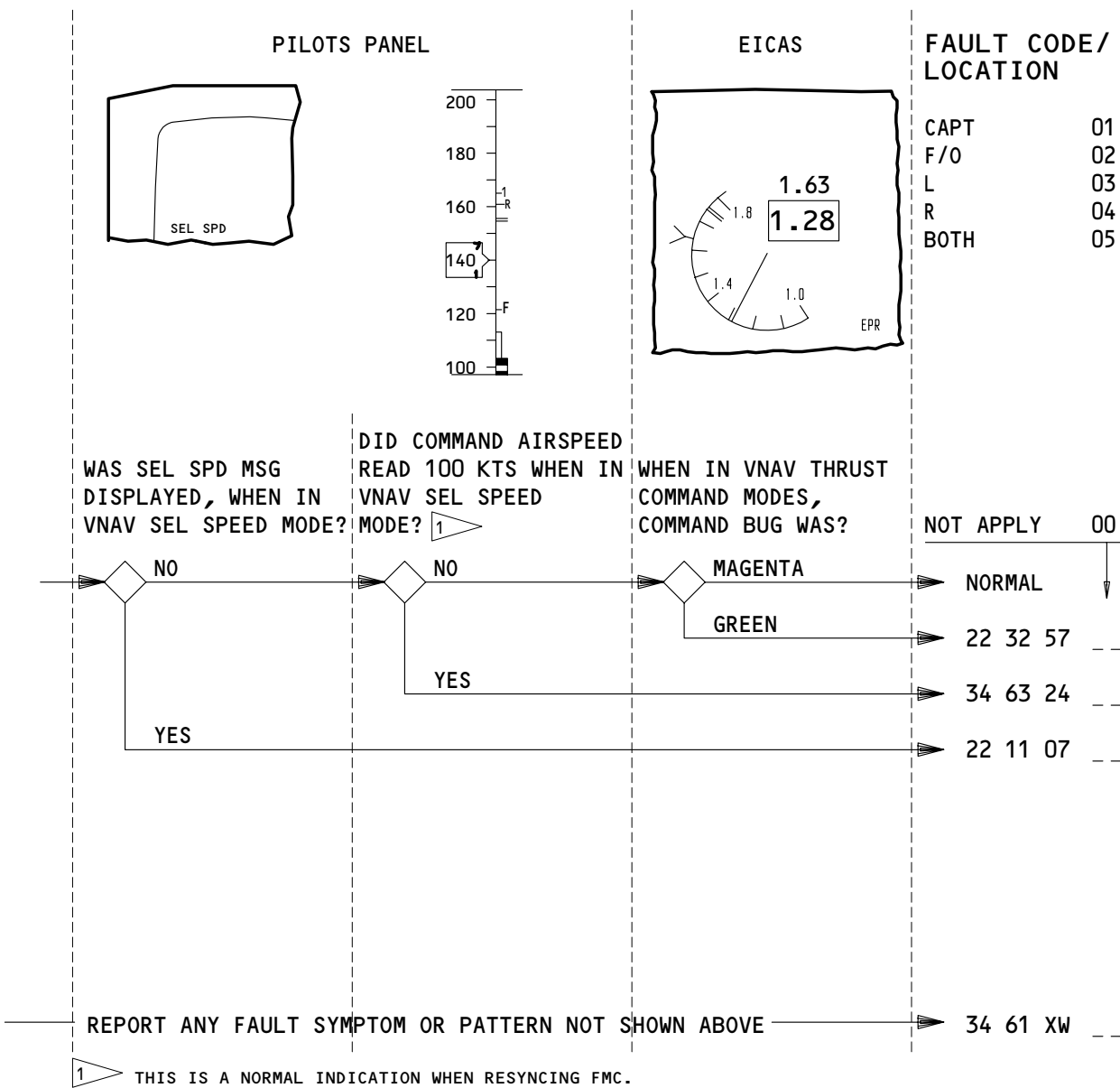
03

NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E1	(LEFT) IAS MACH (L)	11E22	(RIGHT) IAS MACH (R)
11E8	(LEFT) FMCS CDU (L)	11E29	(RIGHT) FMCS CDU (R)
11E9	(LEFT) FMCS CMPTR (L)	11E30	(RIGHT) FMCS CMPTR (R)

FMC-VNAV MODE EPR AND AIRSPEED BUGS - FAULT CODES

EFFECTIVITY

ALL

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NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 22 32 57 -- EPR command bug on (03=L, 04=R, 05=both) EPR indicators is green with VNAV thrust command mode active.
- 34 63 24 -- Command airspeed on (01=Capt, 02=F/0, 03=both) ADI speed tape(s) read(s) 100 kts with VNAV selected, speed mode active.
- 22 11 07 -- SEL SPD msg displayed on (01=Capt, 02=F/0, 03=both) ADI speed tape(s) with VNAV selected speed mode active.
- 34 61 XW -- Report FMC-VNAV Mode EPR and airspeed bug symptoms or patterns along with fault code.

FMC-VNAV MODE EPR AND AIRSPEED BUGS - LOG BOOK REPORTS

EFFECTIVITY

ALL

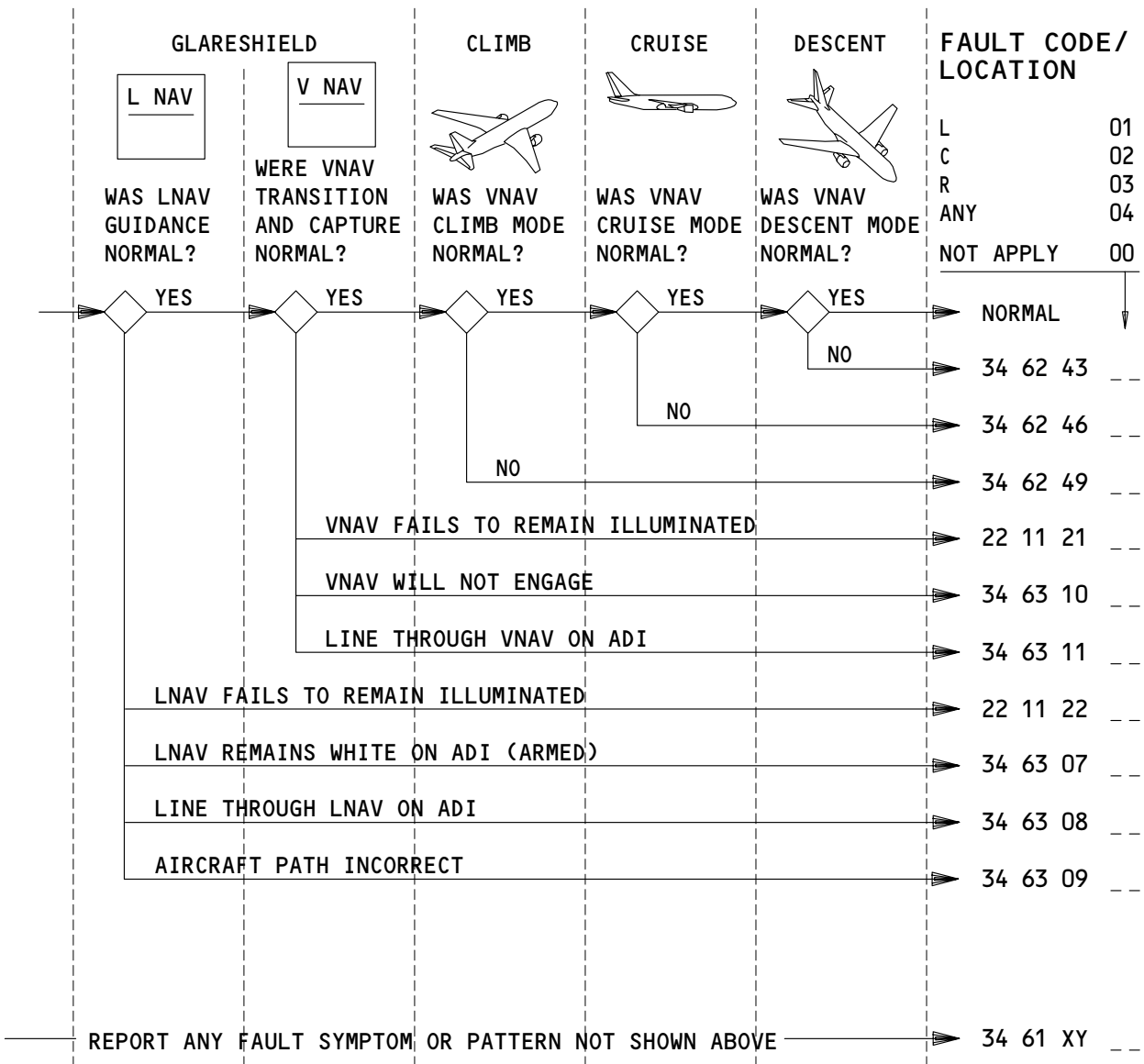
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NAVIGATION

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11E8 (LEFT) FMCS CDU (L)	11E21 (CENTER) FLT CONT CMPTR SERVO (C)
11E9 (LEFT) FMCS CMPTR (L)	11E29 (RIGHT) FMCS CDU (R)
11E16 MODE CONT PNL L	11E30 (RIGHT) FMCS CMPTR (R)
11E17 FLT CONT CMPTR PWR L	11E34 MODE CONT PNL R
11E18 FLT CONT CMPTR SERVO L	11E35 (RIGHT) FLT CONT CMPTR PWR (R)
11E20 (CENTER) FLT CONT CMPTR PWR (C)	11E36 (RIGHT) FLT CONT CMPTR SERVO (R)

FMC-LNAV AND VNAV GUIDANCE - FAULT CODES

EFFECTIVITY

PRATT & WHITNEY/ROLLS ROYCE POWERPLANT

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NAVIGATION

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 34 62 43 -- The airplane (describe problem: EPR, speed or path in error, loses fuel weight) in VNAV DESCENT mode. Fault occurs with (01=L, 02=C, 03=R, 04=any) A/P engaged.
- 34 62 46 -- The airplane (describe problem: EPR, speed or alt in error, loses fuel weight) in VNAV CRUISE mode. Fault occurs with (01=L, 02=C, 03=R, 04=any) A/P engaged.
- 34 62 49 -- The airplane (describe problem: EPR, speed or path in error, loses fuel weight) in VNAV CLIMB mode. Fault occurs with (01=L, 02=C, 03=R, 04=any) A/P engaged.
- 22 11 21 -- VNAV fails to remain illuminated. Fault occurs with (01=L, 02=C, 03=R, 04=any) A/P engaged.
- 34 63 10 -- VNAV will not engage with (01=L, 02=C, 03=R, 04=any) A/P engaged.
- 34 63 11 -- There is a line through VNAV on the ADI with (01=L, 02=C, 03=R, 04=any) A/P engaged.
- 22 11 22 -- LNAV fails to remain illuminated. Fault occurs with (01=L, 02=C, 03=R, 04=any) A/P engaged.
- 34 63 07 -- LNAV remains white (armed) on ADI with (01=L, 02=C, 03=R, 04=any) A/P engaged.
- 34 63 08 -- There is a line through LNAV on the ADI with (01=L, 02=C, 03=R, 04=any) A/P engaged.
- 34 63 09 -- The airplane (describe problem: heading, track or transition in error) in LNAV mode. Fault occurs with (01=L, 02=C, 03=R, 04=any) A/P engaged.
- 34 61 XY -- Report FMC-LNAV and VNAV guidance symptoms or patterns along with fault code.

FMC-LNAV AND VNAV GUIDANCE - LOG BOOK REPORTS

EFFECTIVITY

PRATT & WHITNEY/ROLLS ROYCE POWERPLANT

03

NAVIGATION

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FAULT REPORTING MANUAL

CHART 1 ALTIMETER TOLERANCES – GROUND

ALTITUDE FEET	MAX DIFFERENCE	
	CAPT & F/O	CAPT OR F/O STANDBY
SEA LEVEL	40	35
5,000'	40	50
10,000'	45	60

ALTIMETER TOLERANCES – FLIGHT

ALTITUDE FEET	IAS/MACH	MAX DIFFERENCE		
		CAPT & F/O	CAPT OR F/O & STANDBY	
			-200	-300
SEA LEVEL	V _{REF}	---	20-80	10-90
3,000'	M.32	---	3,010-3,150	3,020-3,160
10,000'	250 KTS	60	9,975-10,195	10,005-10,225
20,000'	300 KTS	115	19,995-20,295	20,105-20,405
25,000'	M.80	130	24,950-25,470	25,155-25,675
30,000'	M.80	135	29,935-30,435	30,115-30,615
35,000'	M.80	145	34,975-35,465	35,155-35,645
40,000'	M.80	160	40,040-40,540	40,215-40,715

CHART 2 AIRSPEED TOLERANCES

AIRSPEED KNOTS	CAPT & F/O	MAX. DIFFERENCE	
		CAPT OR F/O & STANDBY	
		-200	-300
140	± 3	138-146	138.5-146.5
200	± 3	198.5-206.5	199-207
250	± 3	(35,000 & BELOW)	
		248-258	249-259
300	± 3	(35,000')	
		297-307	300-310
		(30,000 & BELOW)	
		298.5-308.5	300.5-310.5
MACH		1 ▷ LANDING FLAPS	
.40 - .60	± .010M	---	
.60 - .80	± .009M	---	
.80 & ABOVE	± .008M	---	

CHARTS

EFFECTIVITY
-200/300 AIRPLANES

BOEING 767
FAULT REPORTING MANUAL

RESIDUAL GOUNDSPEED ERROR CHECK

THE FMC-CDU POS REF PAGE 2/2 (4/4 PEGASUS EQUIPPED AIRPLANES) DISPLAYS RESIDUAL GOUNDSPEED FOR FMC AND EACH IRS AT THE END OF THE FLIGHT. USE THE FOLLOWING PROCEDURE TO DETERMINE EXCESSIVE RESIDUAL GOUNDSPEED ERROR.

NOTE: THE IRS'S AND FMC'S MUST NOT BE SHUTOFF PRIOR TO COMPLETING THIS PROCEDURE.

- 1 - SELECT POS REF PAGE 2/2 (4/4 PEGASUS EQUIPPED AIRPLANES) AND CHECK EACH IRS RESIDUAL GOUNDSPEED ERROR.
- 2 - IF THE IRS RESIDUAL GOUNDSPEED ERROR IS 21 KNOTS OR GREATER AFTER COMPLETION OF ANY ONE CHECK (FLIGHT) OR 15 KNOTS OR GREATER AFTER EACH OF TWO CONSECUTIVE CHECKS (FLIGHTS), MAINTENANCE ACTION IS REQUIRED.

RADIAL POSITION ERROR CHECK

THE FMC-CDU POS REF PAGE 2/2 (4/4 PEGASUS EQUIPPED AIRPLANES) DISPLAYS CURRENT POSITION FOR EACH IRS AND AN ACTUAL POSITION ERROR CHECK IS PERFORMED USING THE RTE 1 OR RTE 2 LEGS PAGE. THIS IS DONE BY ENTERING THE ACTUAL (PARKING) AND IRS POSITIONS AS WAYPOINTS AND COMPARING THEIR DIFFERENCE IN NAUTICAL MILES TO A DEVIATION CRITERIA. USE THE FOLLOWING PROCEDURE TO DETERMINE EXCESSIVE RADIAL POSITION ERROR.

NOTE: THE IRS'S AND FMC'S MUST NOT BE SHUTOFF PRIOR TO COMPLETING THIS PROCEDURE.

- 1 - SELECT THE POS REF 2/2 (4/4 PEGASUS EQUIPPED AIRPLANES) PAGE AND RECORD THE DISPLAYED LATITUDE AND LONGITUDE FOR EACH IRS.
- 2 - SELECT THE RTE 1 OR RTE 2 LEGS PAGE AND ENTER ACTUAL LATITUDE AND LONGITUDE (GATE, RAMP, ETC) AS A WAYPOINT.
- 3 - ENTER DISPLAYED LATITUDE AND LONGITUDE OF IRS AS NEXT WAYPOINT ON RTE 1 OR RTE 2 LEGS PAGE. ENTER MANUALLY RECORDED DATA FROM (1) OR LINE SELECT FROM POS REF PAGE.
- 4 - RADIAL POSITION ERROR IS THE DISTANCE BETWEEN THE TWO ENTERED WAYPOINTS OR THE COMPUTED LEG LENGTH.
- 5 - COMPARE THE DISTANCE ALONG WITH THE TIME IN NAV MODE TO THE ACCEPT/REJECT LIMITS ON THE FOLLOWING IRS PERFORMANCE CRITERIA CHART.
- 6 - IF THE IRS RADIAL POSITION ERROR FALLS UPON THE SHADED AREA FOR TWO CONSECUTIVE FLIGHTS OR ABOVE THE SHADED AREA FOR ONE FLIGHT, MAINTENANCE ACTION IS REQUIRED.

IRS ACCURACY CHECKS

EFFECTIVITY

ALL

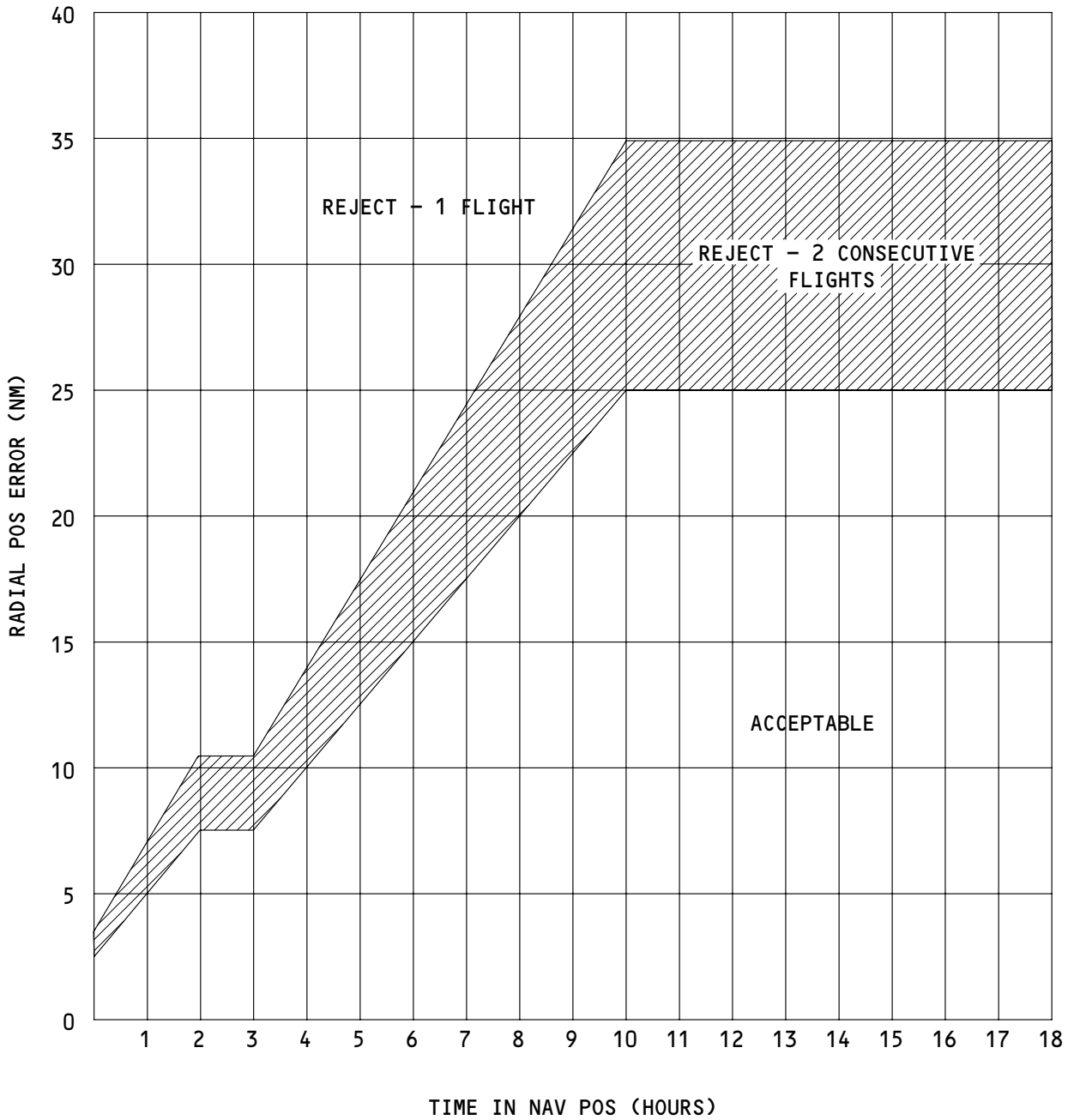
04

NAVIGATION

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 FAULT REPORTING MANUAL

IRS PERFORMANCE CRITERIA CHART

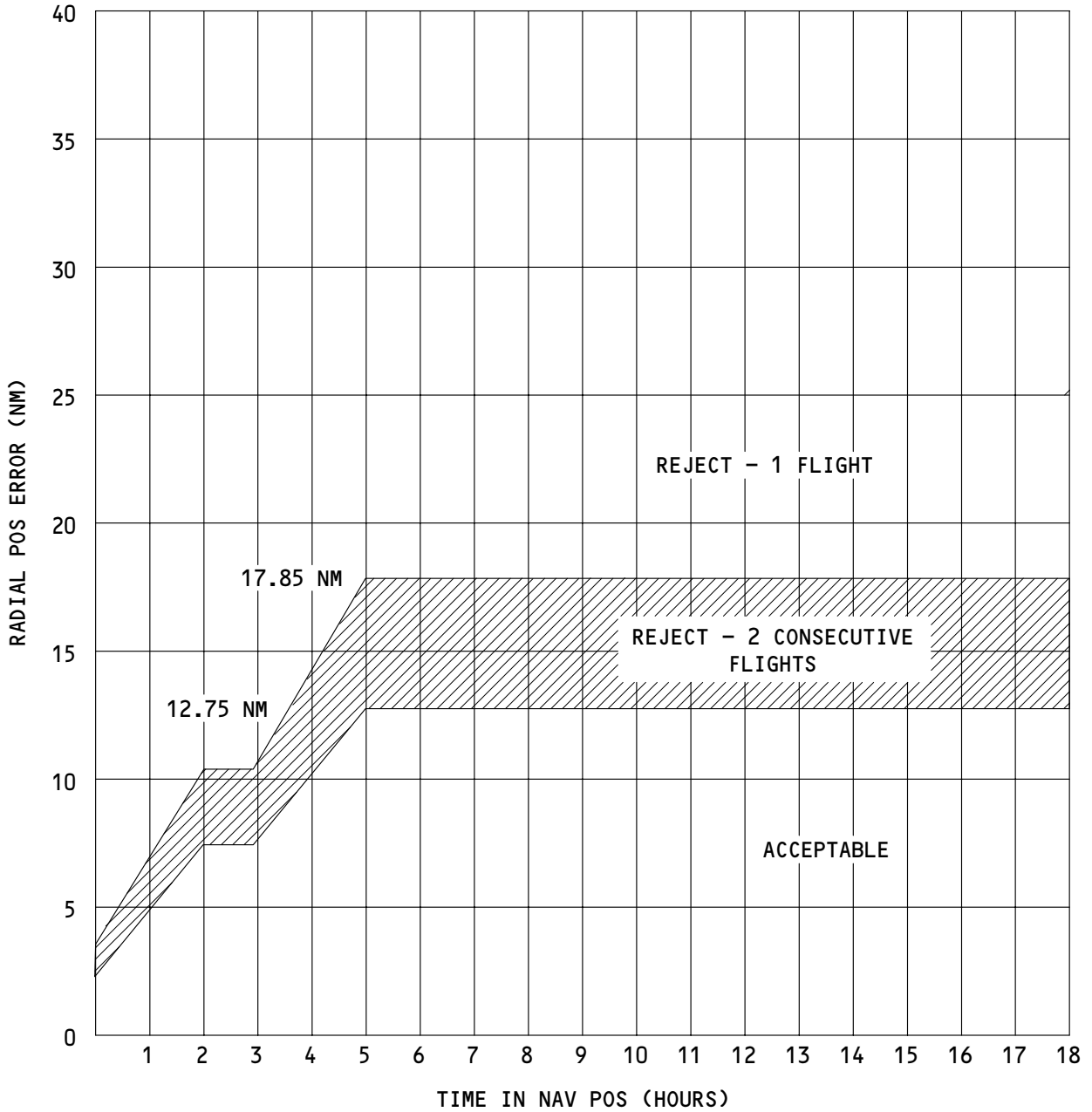


IRS ACCURACY CHECKS

EFFECTIVITY
 AIRPLANES WITHOUT FANS

BOEING 767
 FAULT REPORTING MANUAL

IRS PERFORMANCE CRITERIA CHART



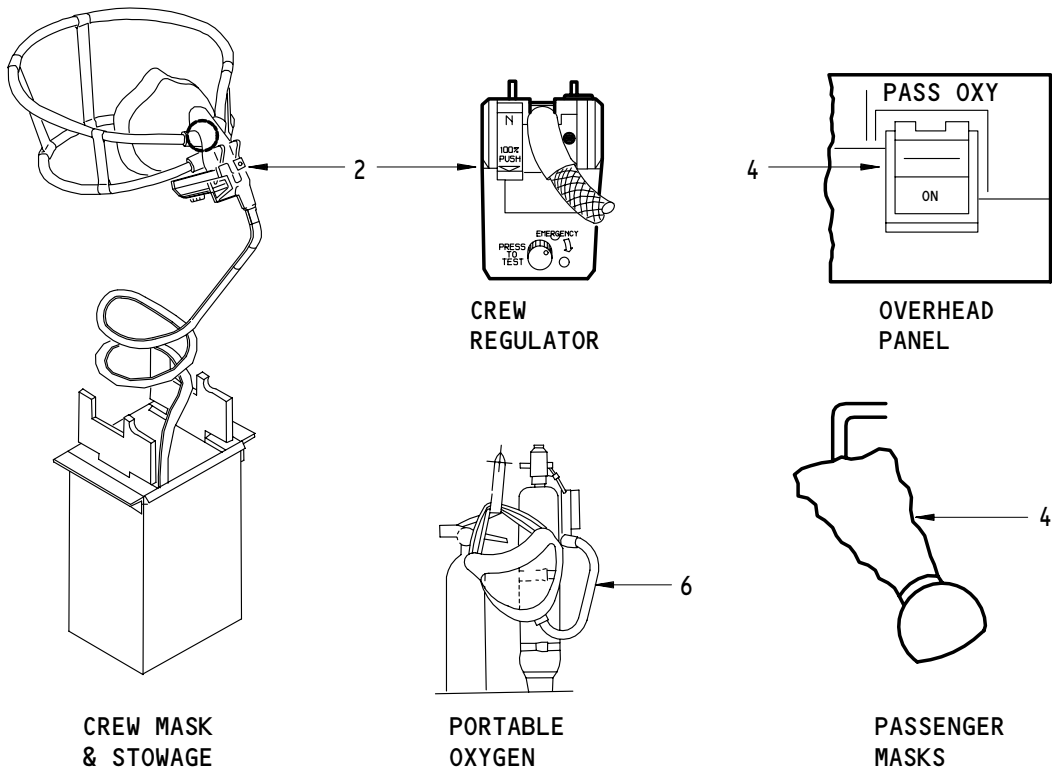
IRS ACCURACY CHECKS

EFFECTIVITY
 AIRPLANES WITH FANS

BOEING 767
FAULT REPORTING MANUAL

EICAS MESSAGES **PAGE**

PASS OXYGEN ON 4



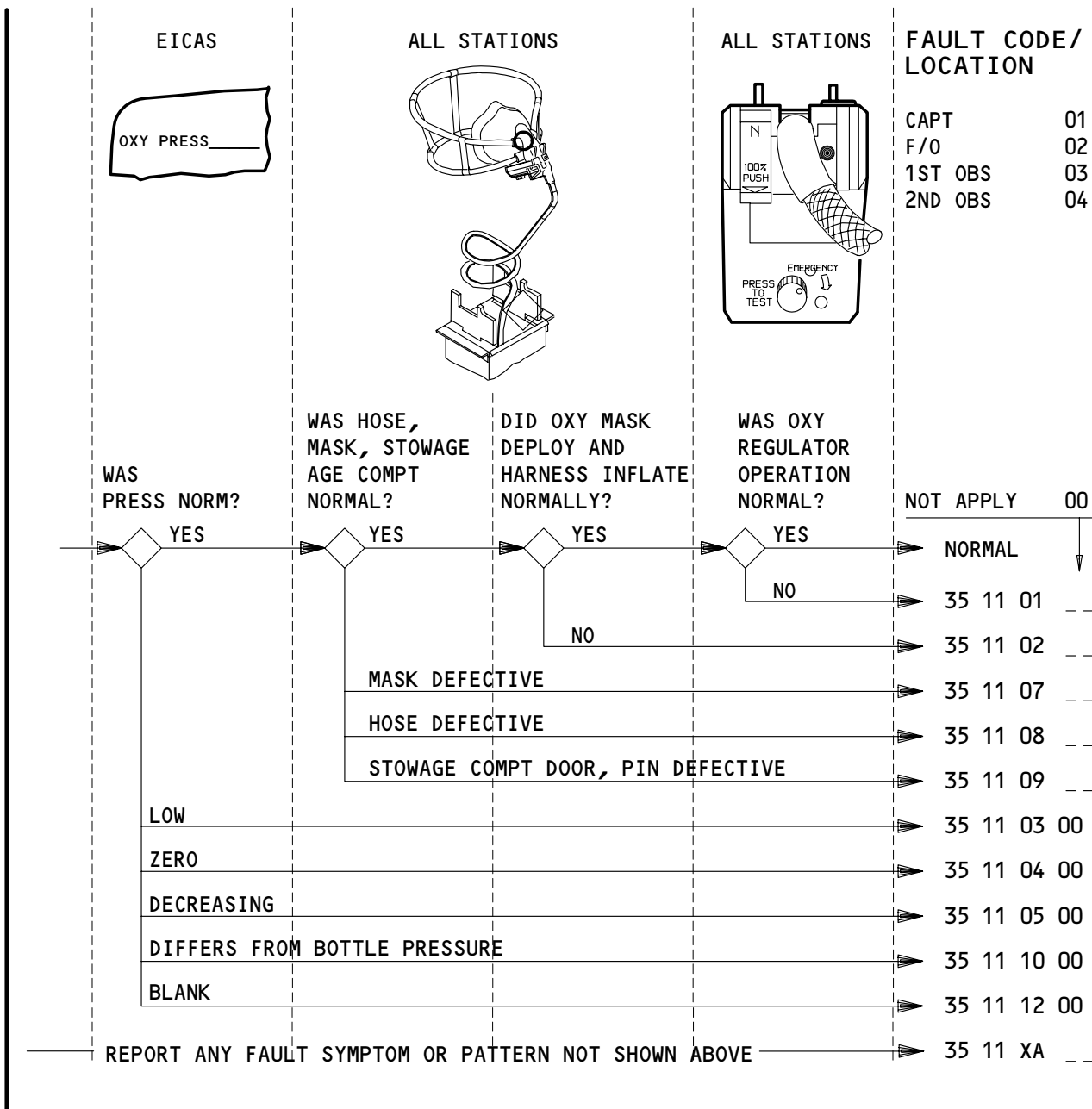
<u>TITLE</u>	<u>PAGE</u>
CREW OXYGEN MASK	2
CREW OXYGEN REGULATOR.....	2
OXY PRESS (STATUS).....	2
PASSENGER OXYGEN ON LIGHT.....	4
PASSENGER OXYGEN MASKS.....	4
PORTABLE OXYGEN.....	6

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EFFECTIVITY
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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11U29 OXYGEN PRESS

CREW OXYGEN – FAULT CODES

EFFECTIVITY

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 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
35 11 01 --	(01=Capt, 02=F/O, 03=1ST OBS, 04=2ND OBS) abnormal oxy regulator operation (difficult to exhale, no pressure breathing available, leaking).
35 11 02 --	(01=Capt, 02=F/O, 03=1ST OBS, 04=2ND OBS) oxy mask (difficult to release from stowage, harness fails to inflate, harness leaking, harness fails to deflate).
35 11 07 --	(01=Capt, 02=F/O, 03=1ST OBS, 04=2ND OBS) oxy mask defective. (describe)
35 11 08 --	(01=Capt, 02=F/O, 03=1ST OBS, 04=2ND OBS) oxy mask hose defective. (describe)
35 11 09 --	(01=Capt, 02=F/O, 03=1ST OBS, 04=2ND OBS) oxy mask panel (door, pin, etc) defective. (describe)
35 11 03 00	Crew oxygen pressure low. OXY PRESS _____. EICAS msg LOW CREW OXYGEN (was/was not) displayed.
35 11 04 00	Crew oxygen pressure zero. EICAS msg LOW CREW OXYGEN displayed.
35 11 05 00	Crew oxygen pressure decreasing. OXY PRESS _____. EICAS msg LOW CREW OXYGEN (was/was not) displayed.
35 11 10 00	EICAS OXY PRESS differs from bottle press. EICAS OXY PRESS ____ psi. Bottle press ____ psi.
35 11 12 00	Crew OXY PRESS indication blank. EICAS msg LOW CREW OXYGEN did not display.
35 11 XA --	Report crew oxygen symptoms or patterns along with fault code.

CREW OXYGEN – LOG BOOK REPORTS

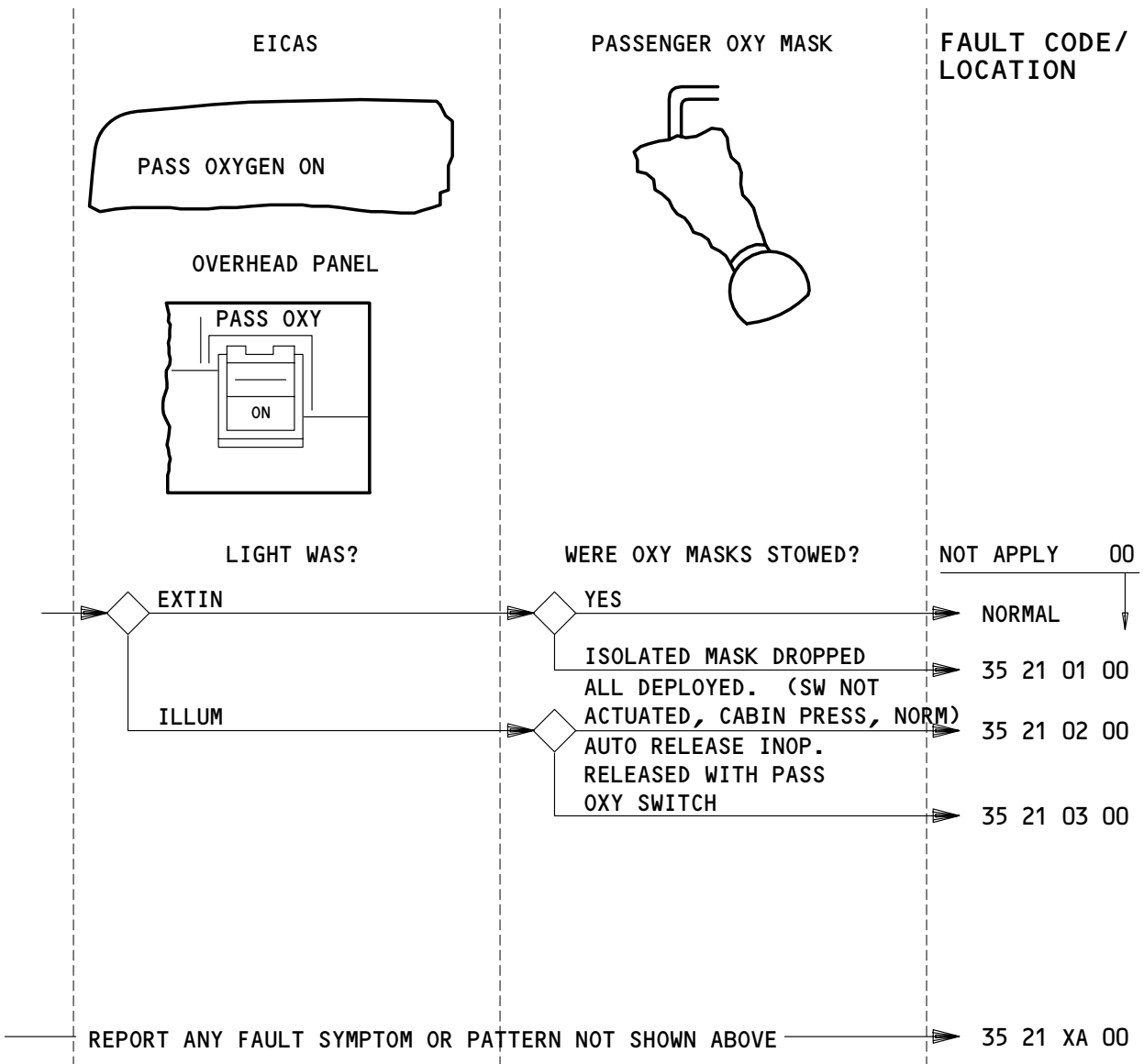
EFFECTIVITY

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OXYGEN
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BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11A21	PASSENGER OXYGEN L
11A22	PASSENGER OXYGEN C
11A22	PASSENGER OXYGEN CTR
11A23	PASSENGER OXYGEN R
11A24	PASSENGER OXYGEN CONT
11A25	PASSENGER OXYGEN MANUAL DEPLOY

PASSENGER OXYGEN – FAULT CODES

EFFECTIVITY

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OXYGEN

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 35 21 01 00 Mask(s) dropped. (Specify location or seat number)
- 35 21 02 00 EICAS msg: PASS OXYGEN ON displayed, passenger oxy ON light illuminated and all masks deployed automatically. Switch not actuated, cabin pressurization was normal.
- 35 21 03 00 EICAS msg: PASS OXYGEN ON displayed, passenger oxy ON light illuminated, masks failed to drop automatically. Masks dropped after actuation of PASS OXY switch.
- 35 21 XA 00 Report passenger oxygen symptoms or patterns along with fault code.

PASSENGER OXYGEN - LOG BOOK REPORTS

EFFECTIVITY

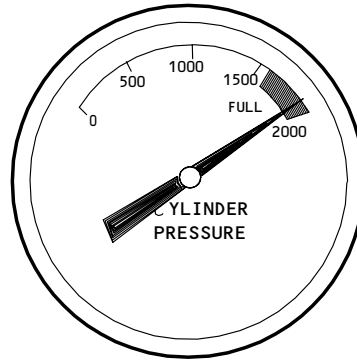
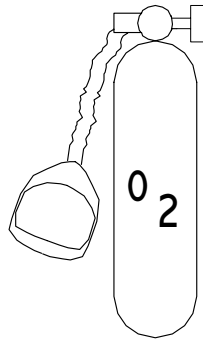
ALL

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OXYGEN

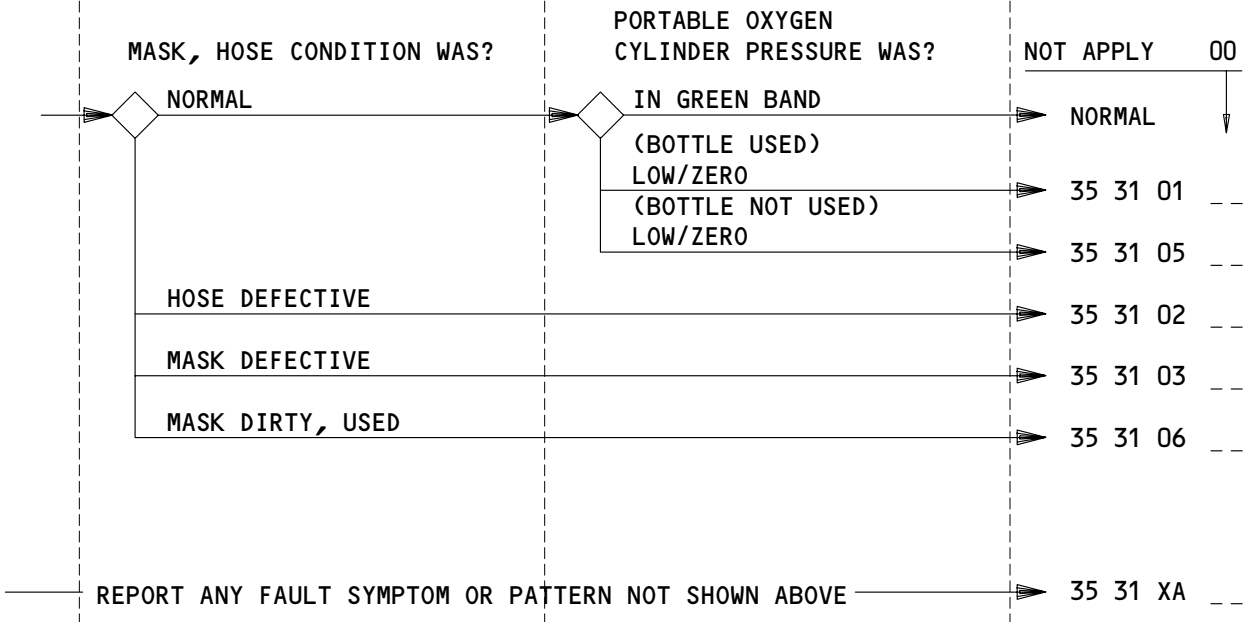
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BOEING 767
FAULT REPORTING MANUAL



**FAULT CODE/
LOCATION**

CREW 01
PASS 02



APPLICABLE CIRCUIT BREAKERS

NONE

PORTABLE OXYGEN – FAULT CODES

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OXYGEN

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
35 31 01 --	(01=Crew, 02=Pass) Portable oxygen cylinder press is (low, zero) (specify location). Bottle was used.
35 31 05 --	(01=Crew, 02=Pass) Portable oxygen cylinder press is (low, zero) (specify location). Bottle not used.
35 31 02 --	(01=Crew, 02=Pass) Portable oxygen cylinder hose is defective, (specify location).
35 31 03 --	(01=Crew, 02=Pass) Portable oxygen cylinder mask is defective, (specify location).
35 31 06 --	(01=Crew, 02=Pass) Portable oxygen cylinder mask is (dirty, used).
35 31 XA --	Report portable oxygen symptoms or patterns along with fault code.

PORTABLE OXYGEN – LOG BOOK REPORTS

EFFECTIVITY
ALL

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BOEING 767
FAULT REPORTING MANUAL

PNEUMATICS

TABLE OF CONTENTS ON PAGES 2 & 3

<u>EICAS MESSAGES</u>	<u>PAGE</u>
APU BLEED VAL	8,10
(L, C, R) BLD ISLN VAL	4,10
(L, R) BLD DUCT LEAK	6
BODY DUCT LEAK	6
(L, R) ENG BLD OVHT	4B
(L, R) ENG BLEED OFF	4,4B,10
(L, R) ENG HPSOV	4B
(L, R) ENG PRV	4B
(L, R) STRUT DCT LEAK	6B

EICAS MESSAGES

EFFECTIVITY

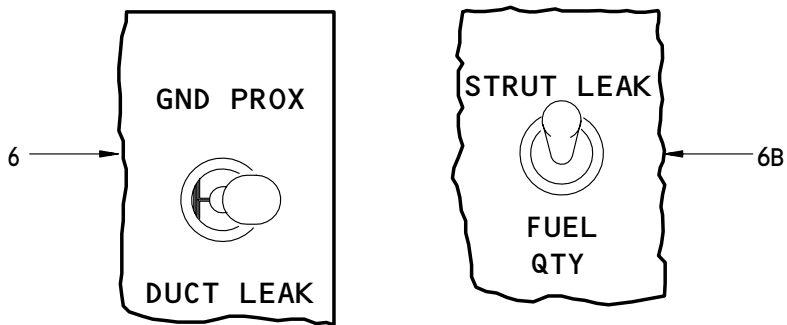
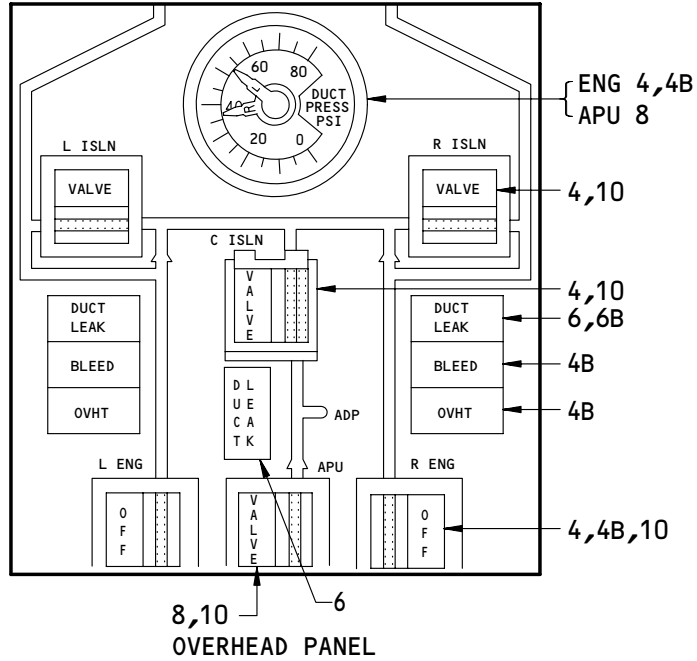
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PNEUMATICS

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FAULT REPORTING MANUAL



ACCESSORY PANEL

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EFFECTIVITY

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PNEUMATICS

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<u>TITLE</u>	<u>PAGE</u>
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SW (DEFECTIVE).....	10
DUCT LEAK & TEST	
BODY.....	6
LEFT OR RIGHT.....	6
DUCT PRESSURE INDICATOR	
APU BLEED.....	8
ENG BLEED.....	4,4B
ENG BLEED AIR VALVE.....	4,4B
SW (DEFECTIVE).....	10
ENG BLEED LIGHT.....	4B
ENG OVHT LIGHT.....	4B
ISOLATION VALVE	
CENTER.....	4
LEFT OR RIGHT.....	4
SW (DEFECTIVE).....	10
STRUT LEAK & TEST.....	6B

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EFFECTIVITY

ALL

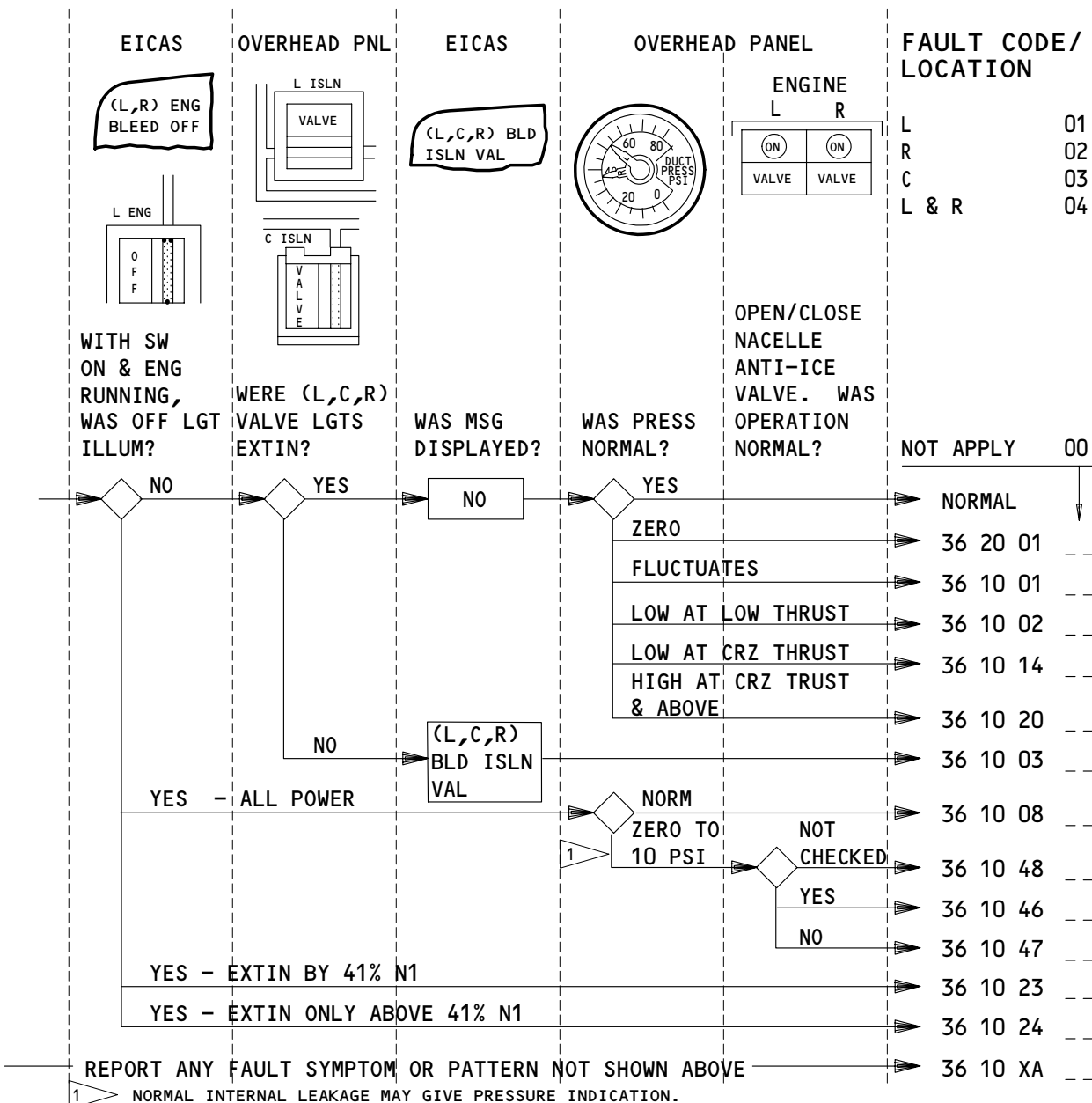
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PNEUMATICS

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11A14	AIR SUPPLY ISOL VLV CONT L	11S14	ISOL VALVE PWR CTR	11S20	RIGHT ENG BLEED CONT
11A27	AIR SPLY ISOL ALTN CONT R	11S15	ISOL VALVE CONT CTR	11S21	RIGHT ISOL VALVE PWR
11S10	LEFT ENG BLEED IND	11S16	DUCT PRESS IND L	11S22	RIGHT ISOL VALVE CONT
11S11	LEFT ENG BLEED CONT	11S17	DUCT PRESS IND PWR	11S25	DUCT PRESS IND R
11S12	ISOL VALVE PWR L	11S19	RIGHT ENG BLEED IND		

ENGINE PNEUMATIC SUPPLY - FAULT CODES

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
36 20 01 --	(01=L, 02=R, 04=L & R) duct press zero with eng running & bleed sw ON.
36 10 01 --	(01=L, 02=R, 04=L & R) duct press fluctuates with eng running & bleed sw ON.
36 10 02 --	(01=L, 02=R) eng duct press low at low thrust. Press norm at CRZ thrust & above.
36 10 14 --	(01=L, 02=R) eng duct press low at crz thrust.
36 10 20 --	(01=L, 02=R) eng duct press was high at crz thrust & above. Press norm at low thrust.
36 10 03 --	EICAS msg (01=L, 02=R, 03=C) BLD ISLN VAL displayed. (L,R,C) ISLN VALVE lgt illum.
36 10 08 --	EICAS msg (01=L, 02=R) ENG BLEED OFF displayed. Eng bleed air vlv OFF lgt illum with sw ON & eng running. Duct press was norm.
36 10 48 --	EICAS msg (01=L, 02=R) ENG BLEED OFF displayed. Eng bleed air vlv OFF lgt illum with sw ON & eng running. Duct press was (zero, less than 10 psi). Nacelle Anti ice operation not checked.
36 10 46 --	EICAS msg (01=L, 02=R) ENG BLEED OFF displayed. Eng bleed air vlv OFF lgt illum with sw ON & eng running. Duct press was (zero, less than 10 psi). Nacelle Anti ice operates normal.
36 10 47 --	EICAS msg (01=L, 02=R) ENG BLEED OFF displayed. Eng bleed air vlv OFF lgt illum with sw ON & eng running. Duct press was (zero, less than 10 psi). Nacelle Anti ice failed to operate.
36 10 23 --	EICAS msg (01=L, 02=R) ENG BLEED OFF displayed. Eng bleed air vlv OFF lgt illum with sw ON & eng at low power. VLV OFF lgt extin below 41% N1.
36 10 24 --	EICAS msg (01=L, 02=R) ENG BLEED OFF displayed. Eng bleed air vlv OFF lgt illum with sw ON. VLV OFF lgt extin when above 41% N1.
36 10 XA --	Report engine pneumatic supply symptoms or patterns along with fault code.

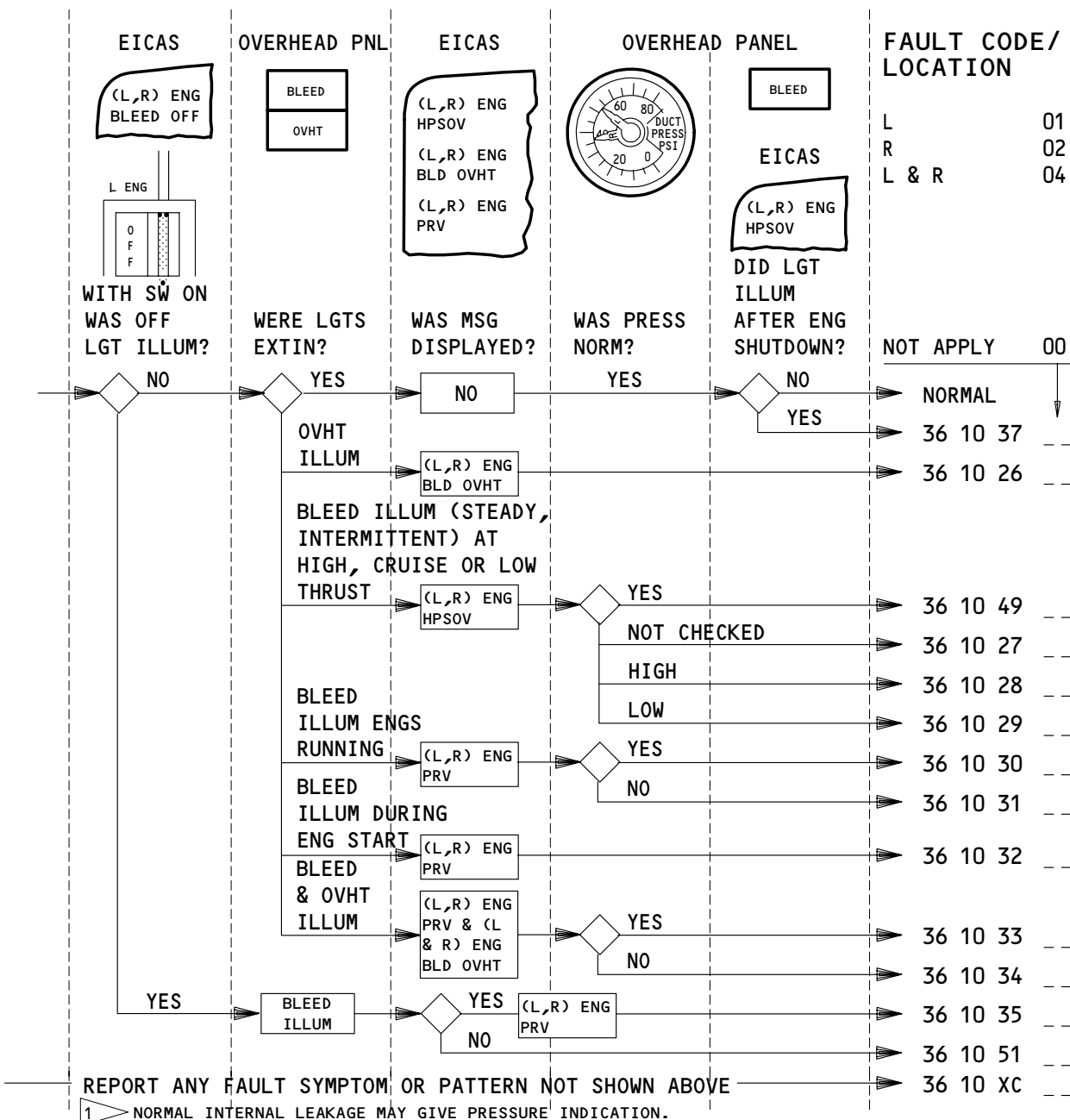
ENGINE PNEUMATIC SUPPLY – LOG BOOK REPORTS

EFFECTIVITY

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS	
11A14	AIR SUPPLY ISOL VLV CONT L
11A27	AIR SPLY ISOL ALTN CONT R
11S10	LEFT ENG BLEED IND
11S11	LEFT ENG BLEED CONT
11S12	ISOL VALVE PWR L
11S14	ISOL VALVE PWR CTR
11S15	ISOL VALVE CONT CTR
11S16	DUCT PRESS IND L
11S17	DUCT PRESS IND PWR
11S19	RIGHT ENG BLEED IND
11S20	RIGHT ENG BLEED CONT
11S21	RIGHT ISOL VALVE PWR
11S22	RIGHT ISOL VALVE CONT
11S25	DUCT PRESS IND R

ENGINE BLEED & OVHT LGTS ILLUM - FAULT CODES

EFFECTIVITY
ALL

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
36 10 37 --	EICAS msg (O1=L, O2=R) ENG HPSOV displayed and (L, R) ENG BLEED lgt illum after eng shut down.
36 10 26 --	EICAS msg (O1=L, O2=R) ENG BLD OVHT displayed. (L, R) OVHT lgt illum.
36 10 49 --	EICAS msg (O1=L, O2=R) ENG HPSOV displayed. (L, R) eng BLEED lgt illum (steady, intermittently) at (high, cruise, low) thrust. Duct press normal.
36 10 27 --	EICAS msg (O1=L, O2=R) ENG HPSOV displayed. (L, R) eng BLEED lgt illum (steady, intermittently) at (high, cruise or low) thrust. Duct press not checked.
36 10 28 --	EICAS msg (O1=L, O2=R) ENG HPSOV displayed. (L, R) eng BLEED lgt illum (steady, intermittently). Duct press high, ____ psi.
36 10 29 --	EICAS msg (O1=L, O2=R) ENG HPSOV displayed. (L, R) eng BLEED lgt illum (steady, intermittently). Duct press low, ____ psi.
36 10 30 --	EICAS msg (O1=L, O2=R) ENG PRV displayed. (L, R) eng BLEED lgt illum. Duct press normal.
36 10 31 --	EICAS msg (O1=L, O2=R) ENG PRV displayed. (L, R) eng BLEED lgt illum. Duct press (high, low).
36 10 32 --	EICAS msg (O1=L, O2=R) ENG PRV displayed during engine start. (L, R) eng BLEED lgt illum.
36 10 33 --	EICAS msgs (O1=L, O2=R) ENG PRV & ENG BLD OVHT displayed. (L, R) eng BLEED & OVHT lgts illum. Duct press normal.
36 10 34 --	EICAS msgs (O1=L, O2=R) ENG PRV & ENG BLD OVHT displayed. (L, R) eng BLEED & OVHT lgts illum. Duct press (high, low).
36 10 35 --	EICAS msgs (O1=L, O2=R) ENG BLEED OFF & ENG PRV displayed. (L, R) eng bleed OFF & BLEED lgt illum.
36 10 51 --	EICAS msg (O1=L, O2=R) ENG BLEED OFF displayed. (L, R) eng BLEED OFF & BLEED lgt illum.
36 10 XC --	Report engine bleed & ovht lgts illum symptoms or patterns along with fault code.

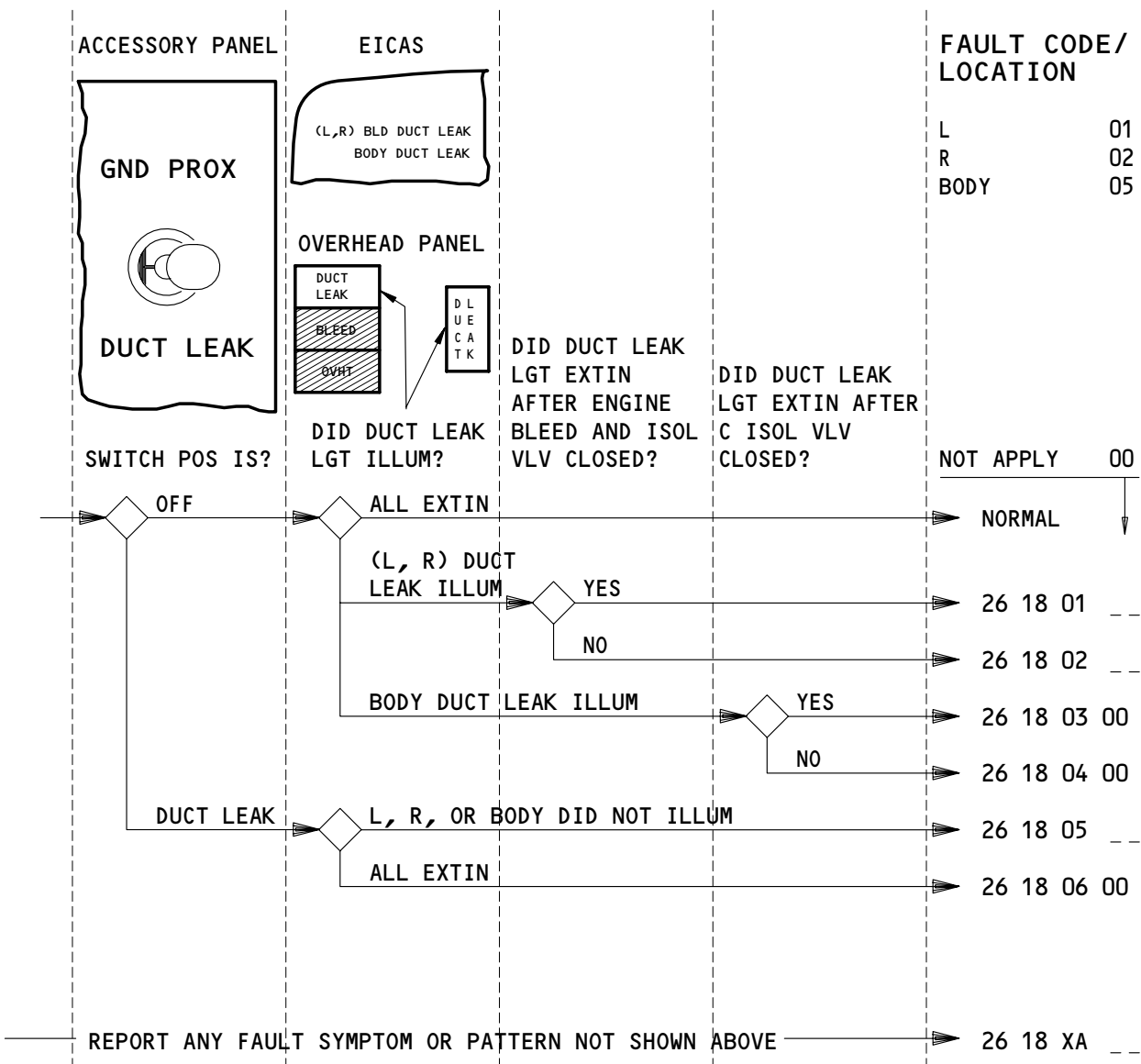
ENGINE BLEED & OVHT LGTS ILLUM – LOG BOOK REPORTS

EFFECTIVITY

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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11B10 WW FIRE/DUCT LEAK

11B10 WW FIRE/DUCT

DUCT LEAK AND TEST – FAULT CODES

EFFECTIVITY

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 26 18 01 __ (01=L, 02=R) DUCT LEAK lgt illum. EICAS msg: (L,R) BLD DUCT LEAK displayed. Lgt extin after eng bleed air supply and isolation valves closed.
- 26 18 02 __ (01=L, 02=R) DUCT LEAK lgt illum. EICAS msg: (L,R) BLD DUCT LEAK displayed. Lgt remained illum after eng bleed supply and isolation valves closed.
- 26 18 03 00 Body DUCT LEAK lgt illum. EICAS msg: BODY DUCT LEAK displayed. Lgt extin after C ISLN valve closed.
- 26 18 04 00 Body DUCT LEAK lgt illum. EICAS msg: BODY DUCT LEAK displayed. Lgt did not extin after C ISLN valve closed.
- 26 18 05 __ (01=L, 02=R, 05=BODY) DUCT LEAK light did not illum during test.
- 26 18 06 00 L, R & BODY DUCT LEAK lights did not illum during test.
- | 26 18 XA __ Report duct leak and test symptoms or patterns along with fault code.

DUCT LEAK AND TEST - LOG BOOK REPORTS

EFFECTIVITY

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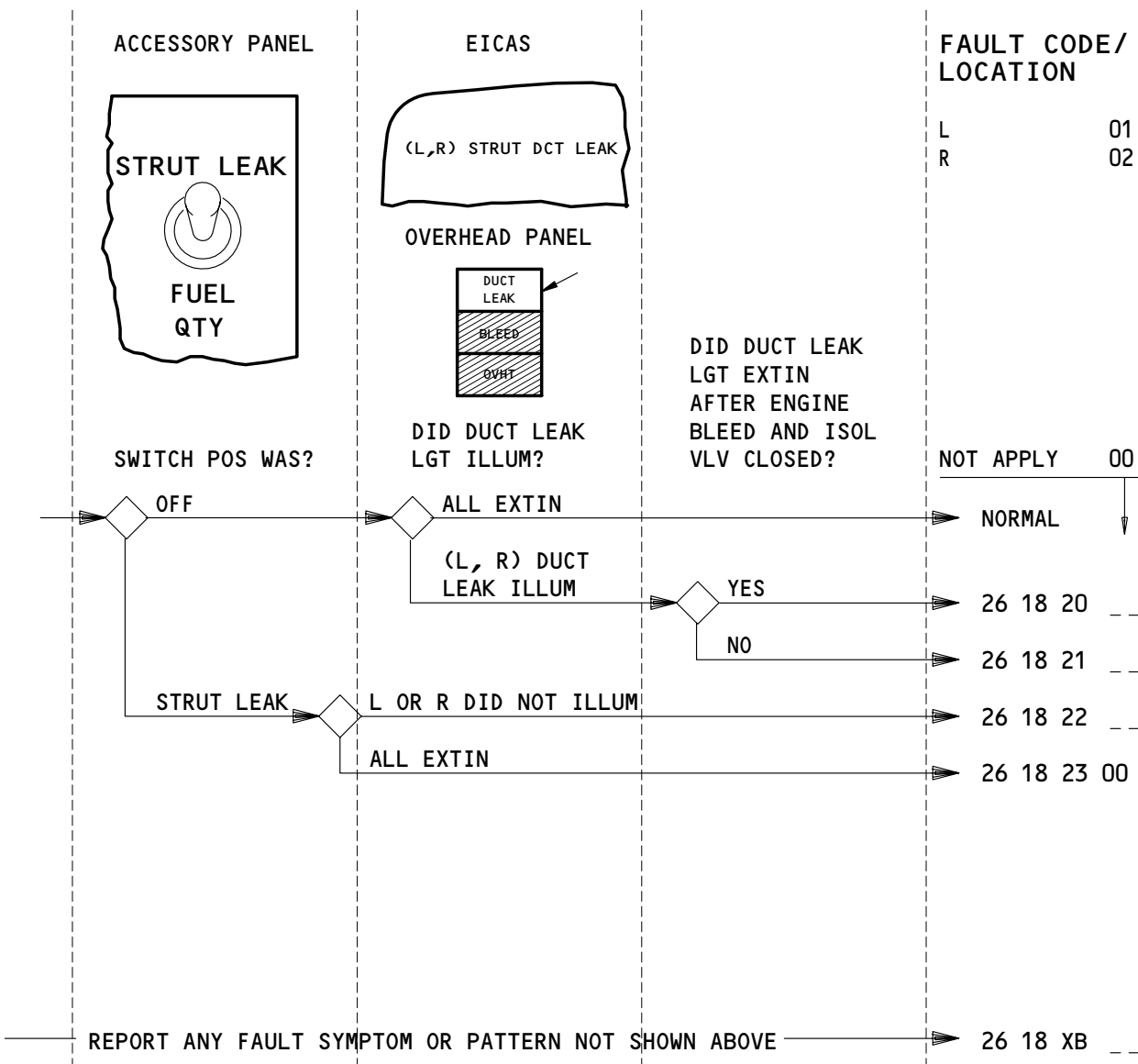
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11B10 WW FIRE/DUCT LEAK

11B10 WW FIRE/DUCT

STRUT LEAK AND TEST – FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

26 18 20 __ EICAS msg (01=L, 02=R) STRUT DCT LEAK displayed. DUCT LEAK lgt illum.
Lgt extin after eng bleed air supply and isolation valves closed.

26 18 21 __ EICAS msg (01=L, 02=R) STRUT DCT LEAK displayed. DUCT LEAK lgt illum.
Lgt remained illum after eng bleed air supply and isolation valves
closed.

26 18 22 __ (01=L, 02=R) DUCT LEAK light did not illum during test.

26 18 23 00 L & R DUCT LEAK lights did not illum during test.

| 26 18 XB __ Report strut leak and test symptoms or patterns along with fault code.

STRUT LEAK AND TEST - LOG BOOK REPORTS

EFFECTIVITY

ALL

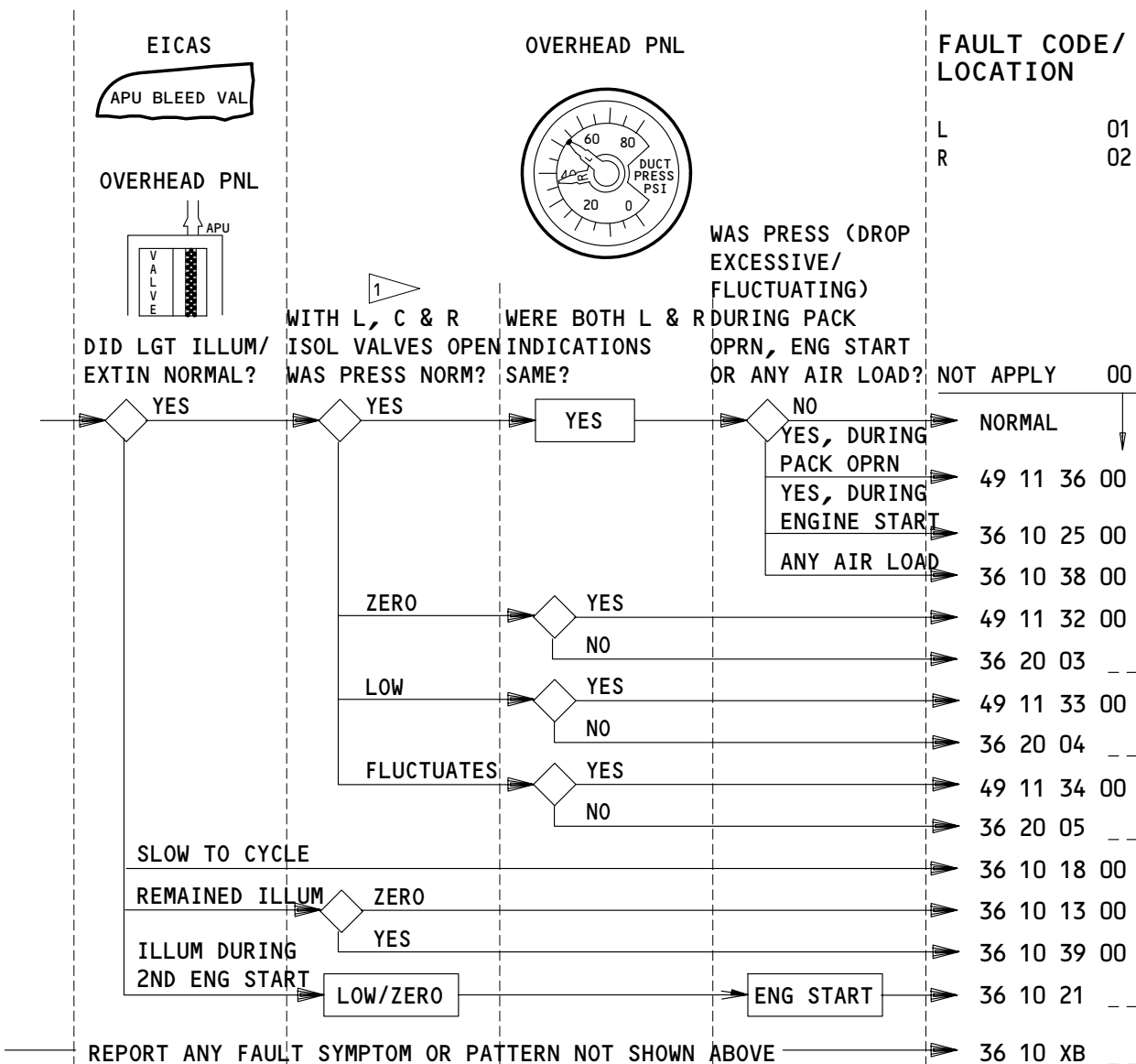
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PNEUMATICS

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FAULT REPORTING MANUAL



1 APU BLEED VALVE OPENS WITH APU BLEED SW ON, APU RUN LGT ILLUM AND BOTH ENG BLEED VALVES CLOSED OR CTR ISOL VALVE CLOSED (EXCEPT DURING START).

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11S16	DUCT PRESS IND L	11S24	APU BLEED CONT
11S17	DUCT PRESS IND PWR	11S25	DUCT PRESS IND R
11S23	APU BLEED PWR		

APU PNEUMATIC SUPPLY – FAULT CODES

EFFECTIVITY

ALL

01

PNEUMATICS

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 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
49 11 36 00	Pneumatic press (drops excessive/fluctuates) when using APU bleed air for pack operation.
36 10 25 00	Pneumatic press (drops excessive/fluctuates) when using APU bleed air for engine start.
36 10 38 00	Pneumatic press (drops excessive/fluctuates) when using APU bleed air for any air load, (eng start, packs, ADP).
49 11 32 00	Both L & R duct press zero with APU running, bleed air sw ON, isol valves open & eng bleed air valves indicating closed.
36 20 03 __	(O1=L, O2=R) duct press ind reads zero with APU supplying pressure & isol valves open. Press on other side norm.
49 11 33 00	Indicated duct press low with APU supplying pressure. Pressure reading is ____ PSI.
36 20 04 __	Only (O1=L, O2=R) duct press ind reads low with APU supplying press & isol valves open. Press norm on other side.
49 11 34 00	APU output press fluctuating.
36 20 05 __	Only (O1=L, O2=R) duct press ind fluctuating with APU supplying press & isol valves open. Press norm on other side.
36 10 18 00	APU BLEED VALVE slow to (open, close).
36 10 13 00	EICAS msg APU BLEED VAL displayed. APU bleed VALVE lgt illum. Duct pressure zero.
36 10 39 00	EICAS msg APU BLEED VAL displayed. APU bleed VALVE lgt illum. Duct pressure normal.
36 10 21 __	APU bleed VALVE lgt illum and EICAS msg APU BLEED VALVE displayed during start of 2nd eng, (O1=L, O2=R). Duct press was (low/zero).
36 10 XB __	Report APU pneumatic supply symptoms or patterns along with fault code.

APU PNEUMATIC SUPPLY – LOG BOOK REPORTS

EFFECTIVITY

ALL

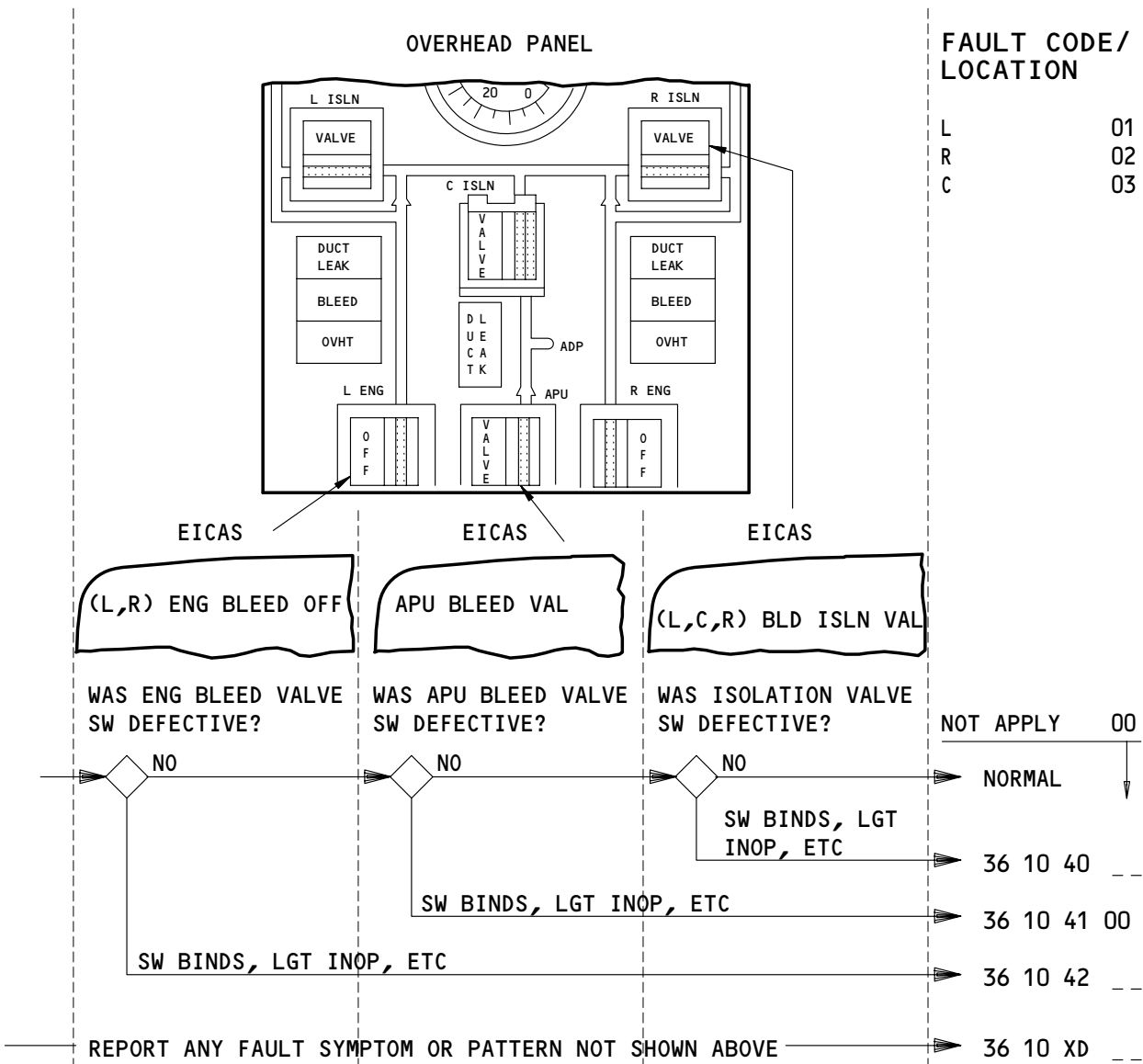
01

PNEUMATICS

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

N/A

DEFECTIVE ENG, APU BLEED & ISOLATION VALVE SWITCHES – FAULT CODES

EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

36 10 40 __ (01=L, 02=R, 03=C) ISOLATION VALVE sw (binds, lgt inop, etc).

36 10 41 00 APU BLEED VALVE sw (binds, lgt inop, etc).

36 10 42 __ (01=L, 02=R) ENG BLEED VALVE sw (binds, lgt inop, etc).

36 10 XD __ Report defective eng, APU bleed & isolation valve switches symptoms or patterns along with fault code.

DEFECTIVE ENG, APU BLEED & ISOLATION VALVE SWITCHES - LOG BOOK

EFFECTIVITY

ALL

01

PNEUMATICS

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BOEING 767
FAULT REPORTING MANUAL

WATER & WASTE

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EFFECTIVITY

ALL

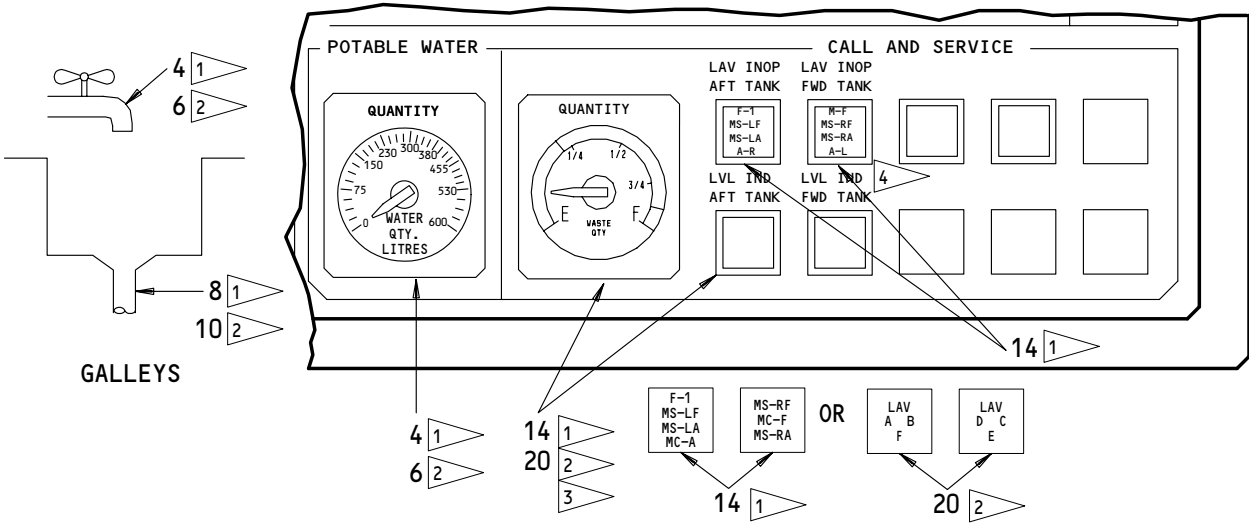
04

WATER & WASTE

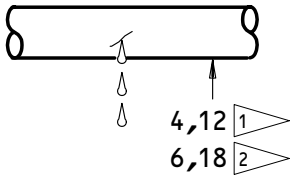
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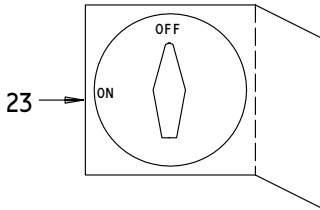
FAULT REPORTING MANUAL



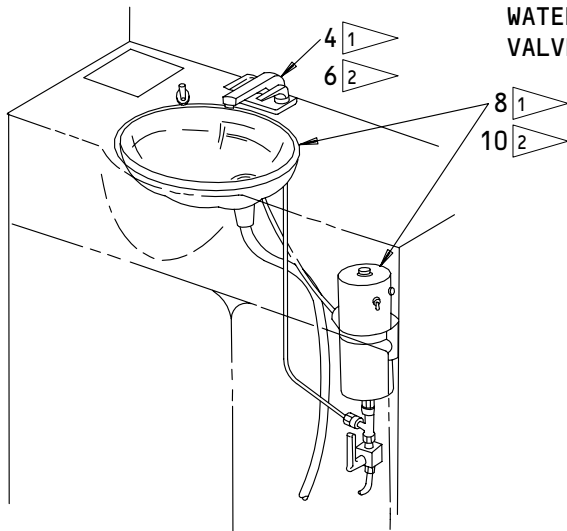
WATER LEAKS



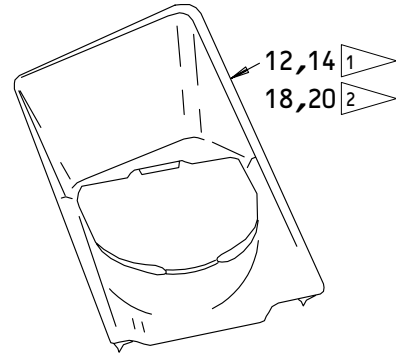
AFT CABIN ATTENDANT'S PANEL



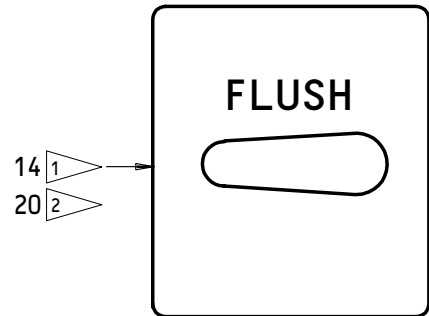
WATER SHUTOFF VALVE LOCATIONS



LAVATORIES



TOILET



- 1 SAS AIRPLANES
- 2 MTH AIRPLANES
- 3 IF INSTALLED
- 4 A-R, A-L PROVISIONS ONLY

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EFFECTIVITY

ALL

BOEING 767
FAULT REPORTING MANUAL

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.....	6 2
NOISE	8 1
.....	10 2
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LAVATORIES	
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SAS AIRPLANES
 MTH AIRPLANES

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EFFECTIVITY

ALL

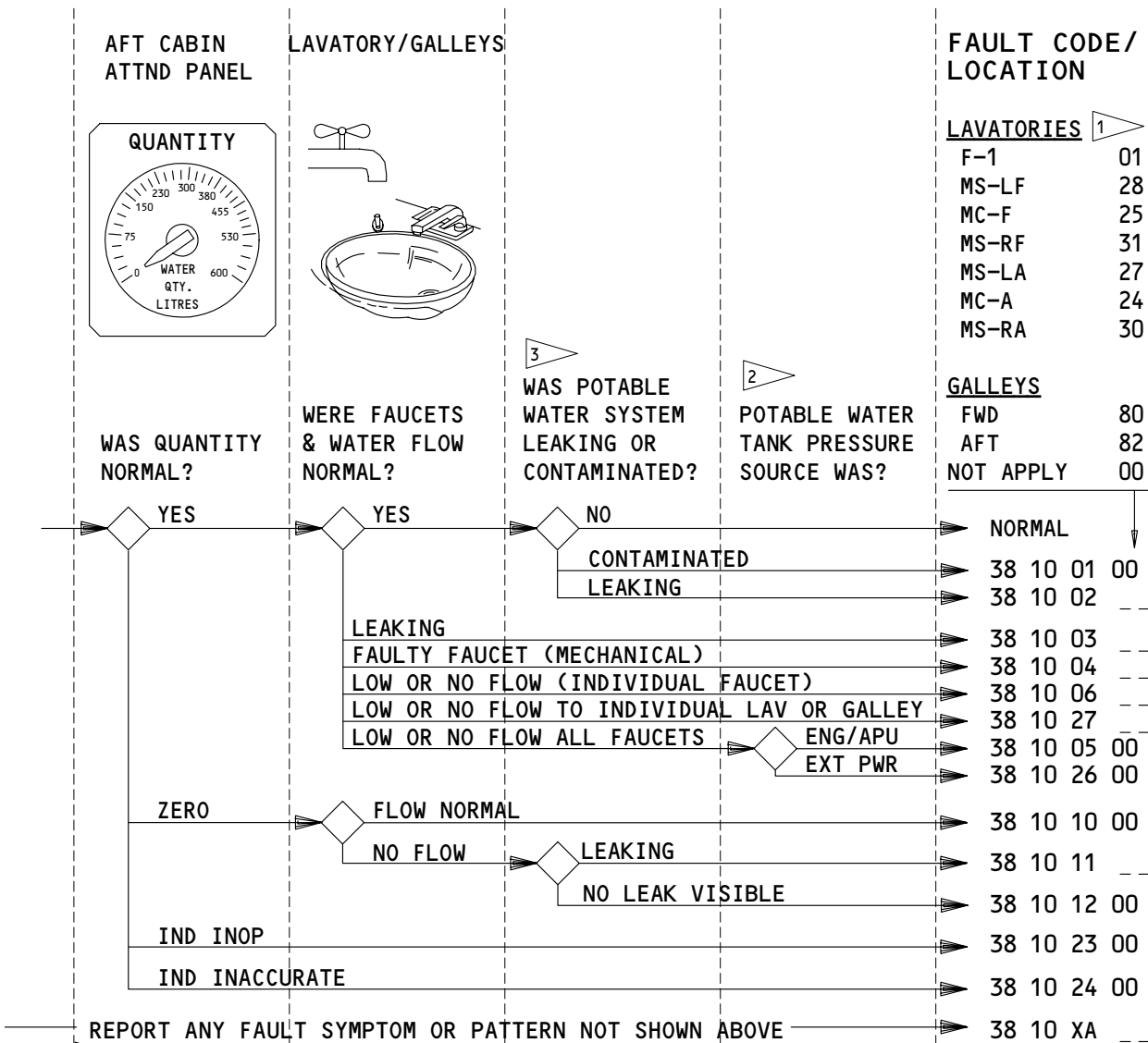
33

WATER & WASTE

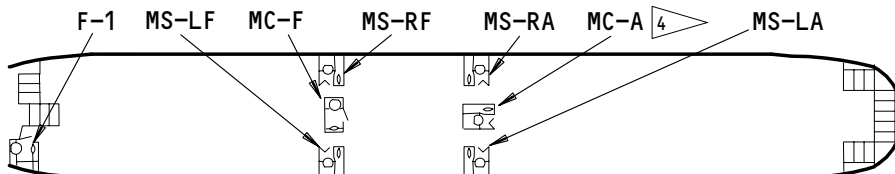
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FAULT REPORTING MANUAL



¹ LAVATORY LOCATION AS INSTALLED



² TANK PRESSURE SOURCES ARE ELECTRIC DRIVEN AIR COMPRESSOR AND ENG/APU BLEED AIR. EXT POWER OPERATES THE COMPRESSOR.

³ SEE "WATER SHUTOFF VALVE LOCATIONS" PAGE IF NECESSARY TO SHUTOFF WATER.

APPLICABLE CIRCUIT BREAKERS

11U28 ENT LTS/POT WATER

POTABLE WATER – FAULT CODES

EFFECTIVITY
SAS AIRPLANES

BOEING 767
FAULT REPORTING MANUAL

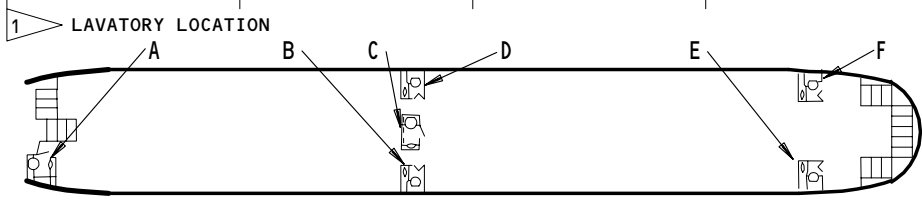
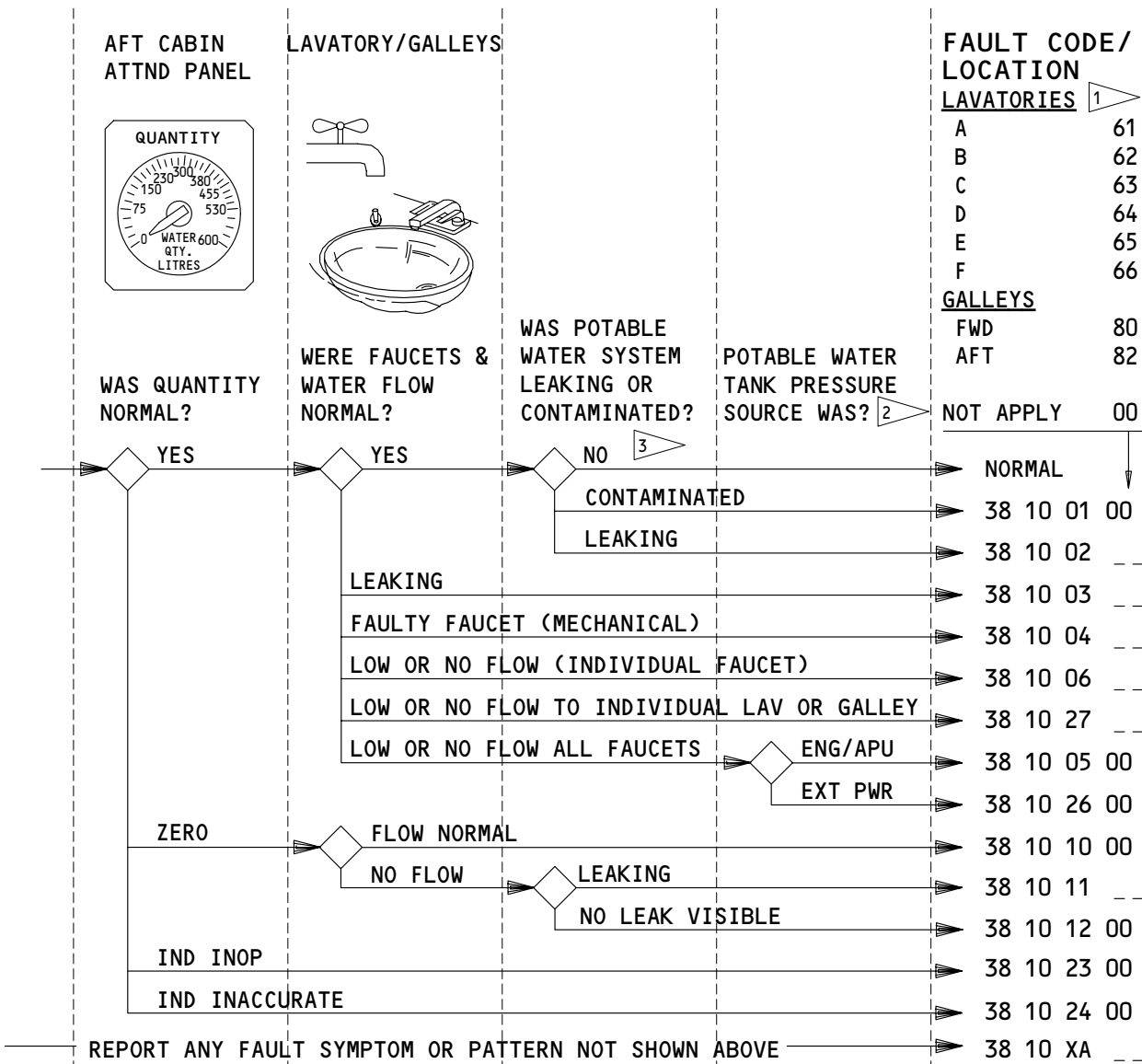
FAULT CODE	LOG BOOK REPORT
38 10 01 00	Potable water is contaminated.
38 10 02 --	Potable water leak at (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) (GALLEYS: 80=Fwd, 82=Aft).
38 10 03 --	Water faucet leaking at (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) (GALLEYS: 80=Fwd, 82=Aft).
38 10 04 --	Water faucet (describe fault) at (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) (GALLEYS: 80=Fwd, 82=Aft).
38 10 06 --	(Low, No) water flow from faucet at (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) (GALLEYS: 80=Fwd, 82=Aft).
38 10 27 --	(Low, No) water flow to (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) (GALLEYS: 80=Fwd, 82=Aft).
38 10 05 00	(Low, No) water flow from all faucets during (eng, APU) operation. Quantity was normal.
38 10 26 00	(Low, No) water flow from all faucets with only ext pwr established.
38 10 10 00	Potable water quantity reads zero with water flow from faucets normal.
38 10 11 --	Potable water leak at (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) (GALLEYS: 80=Fwd, 82=Aft). Quantity dropped to zero.
38 10 12 00	Potable water quantity dropped to zero with no water flow. Water leak was not visible.
38 10 23 00	Water quantity indicator inoperative.
38 10 24 00	Water quantity indicator inaccurate.
38 10 XA --	Report potable water symptoms or patterns along with fault code.

POTABLE WATER – LOG BOOK REPORTS

EFFECTIVITY
 SAS AIRPLANES

BOEING 767

FAULT REPORTING MANUAL



² TANK PRESSURE SOURCES ARE ELECTRIC DRIVEN AIR COMPRESSOR AND ENG/APU BLEED AIR. EXT POWER OPERATES THE COMPRESSOR.

³ SEE "WATER SHUTOFF VALVE LOCATION" PAGE IF NECESSARY TO SHUTOFF WATER

APPLICABLE CIRCUIT BREAKERS

11U28 ENT LTS/POT WATER

POTABLE WATER – FAULT CODES

EFFECTIVITY
MTH AIRPLANES

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 38 10 01 00 Potable water is contaminated.
- | 38 10 02 -- Potable water leak at (LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F)
(GALLEYS: 80=Fwd, 82=Aft).
- | 38 10 03 -- Water faucet leaking at (LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F)
(GALLEYS: 80=Fwd, 82=Aft).
- | 38 10 04 -- Water faucet (describe fault) at (LAV: 61=A, 62=B, 63=C, 64=D, 65=E,
66=F) (GALLEYS: 80=Fwd, 82=Aft).
- | 38 10 06 -- (Low, No) water flow from faucet at (LAV: 61=A, 62=B, 63=C, 64=D, 65=E,
66=F) (GALLEYS: 80=Fwd, 82=Aft).
- | 38 10 27 -- (Low, No) water flow to (LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F)
(GALLEYS: 80=Fwd, 82=Aft). Flow normal to other areas.

- 38 10 05 00 (Low, No) water flow from all faucets during (eng, APU) operation.
Quantity was normal.
- 38 10 26 00 (Low, No) water flow from all faucets with only ext pwr established.
- 38 10 10 00 Potable water quantity reads zero with water flow from faucets normal.
- | 38 10 11 -- Potable water leak at (LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F)
(GALLEYS: 80=Fwd, 82=Aft). Quantity dropped to zero.
- 38 10 12 00 Potable water quantity dropped to zero with no water flow. Water leak
was not visible.
- 38 10 23 00 Water quantity indicator inoperative.
- 38 10 24 00 Water quantity indicator inaccurate.

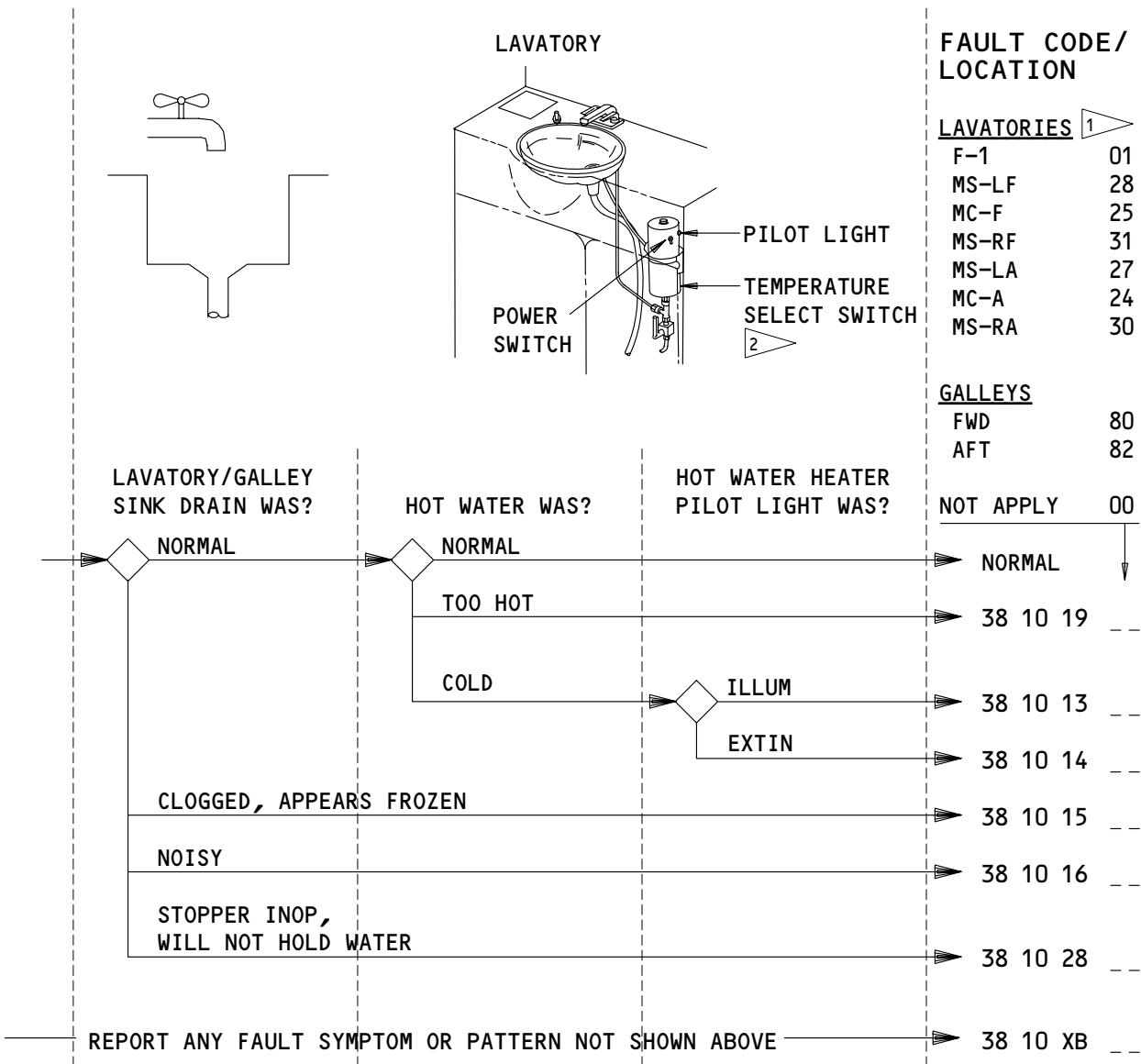
- 38 10 XA -- Report potable water symptoms or patterns along with fault code.

POTABLE WATER – LOG BOOK REPORTS

EFFECTIVITY
MTH AIRPLANES

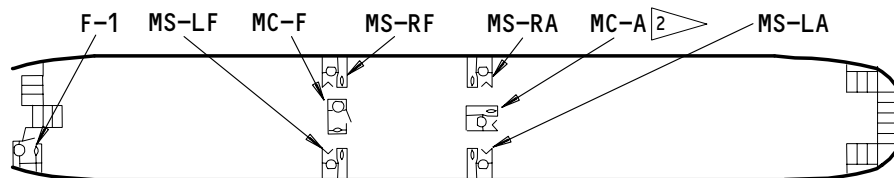
BOEING 767

FAULT REPORTING MANUAL



¹ LAVATORY LOCATION

² IF INSTALLED



APPLICABLE CIRCUIT BREAKERS

NONE

LAVATORY/GALLEY DRAINS AND HOT WATER HEATERS - FAULT CODES

EFFECTIVITY
SAS AIRPLANES

WATER & WASTE

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 FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 38 10 19 -- (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA)
 (GALLEYS: 80=Fwd, 81=Mid, 82=Aft) water too hot. Changing Temperature
 Select switch setting did not affect temperature.

- 38 10 13 -- (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA)
 (GALLEYS: 80=Fwd, 82=Aft) water not hot. Heater power switch is ON and
 is ON and heater pilot light is illuminated. Changing Temperature
 Select switch setting did not affect temperature.

- 38 10 14 -- (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA)
 (GALLEYS: 80=Fwd, 82=Aft) water not hot. Heater power switch is ON and
 heater pilot light did not illuminate.

- 38 10 15 -- (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA)
 (GALLEYS: 80=Fwd, 82=Aft) sink drain is (clogged, appears frozen).

- 38 10 16 -- (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA)
 (GALLEYS: 80=Fwd, 82=Aft) sink drain is noisy.

- 38 10 28 -- (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA)
 (GALLEYS: 80=Fwd, 82=Aft) sink drain (stopper inoperative, will not hold
 water).

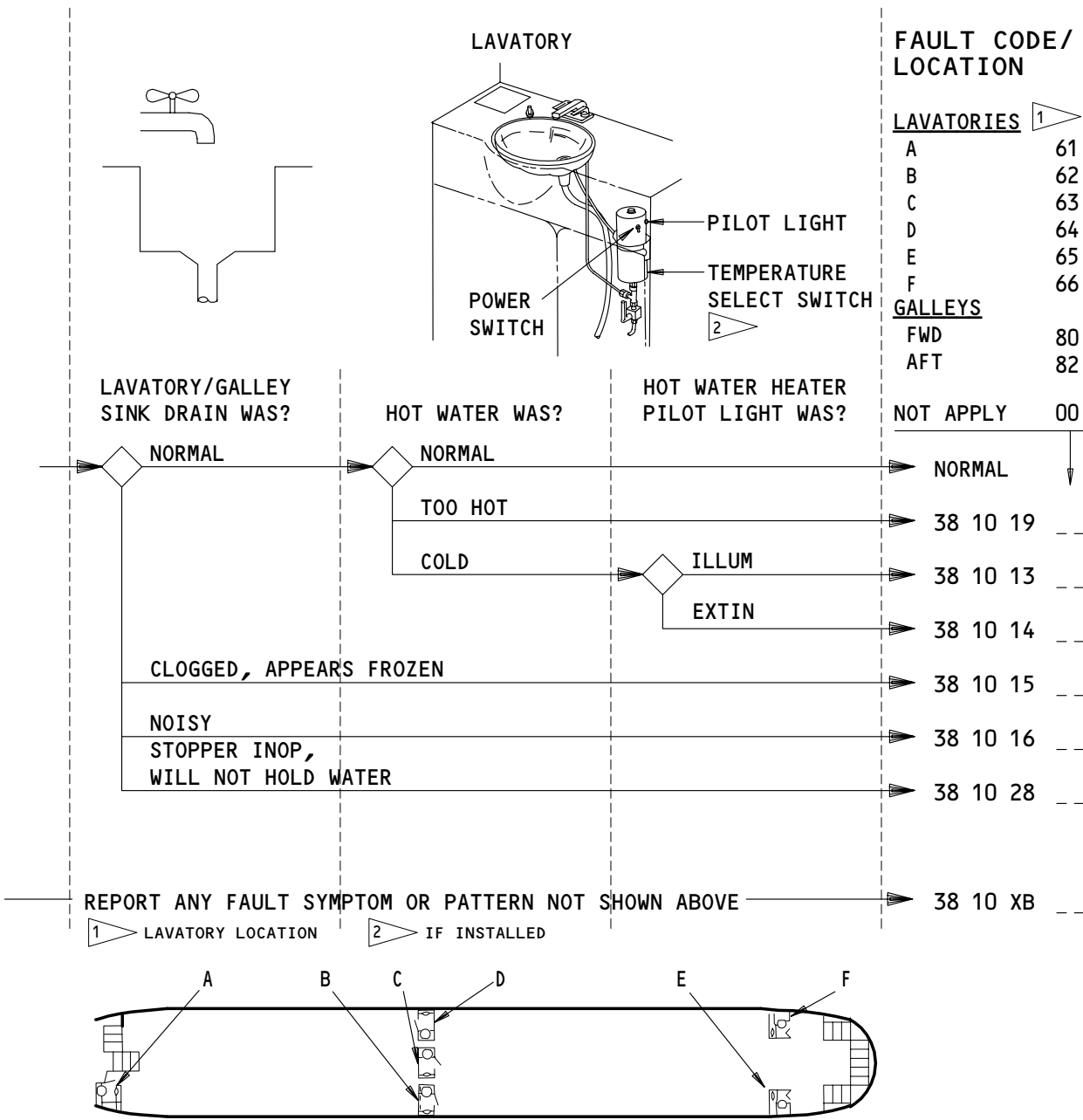
- 38 10 XB -- Report lavatory/galley drain and hot water heater symptoms or patterns
 along with fault code.

LAVATORY/GALLEY DRAINS AND HOT WATER HEATERS - LOG BOOK REPORTS

EFFECTIVITY
SAS AIRPLANES

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS
NONE

LAVATORY/GALLEY DRAINS AND HOT WATER HEATERS - FAULT CODES

EFFECTIVITY
MTH AIRPLANES

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
38 10 19 --	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) water too hot. Changing Temperature Select switch setting did not affect temperature.
38 10 13 --	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) water too hot. Heater power switch is ON and heater pilot light is illuminated. Changing Temperature Select switch setting did not affect temperature.
38 10 14 --	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) water too hot. Heater power Heater power switch is ON and heater pilot light did not illuminate.
38 10 15 --	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) (GALLEYS: 80=Fwd, 82=Aft) sink drain is (clogged, appears frozen).
38 10 16 --	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) (GALLEYS: 80=Fwd, 82=Aft) sink drain is noisy.
38 10 28 --	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) (GALLEYS: 80=Fwd, 82=Aft) sink drain (stopper inoperative, will not hold water).
38 10 XB --	Report lavatory/galley drains and hot water heaters symptoms or patterns along with fault code.

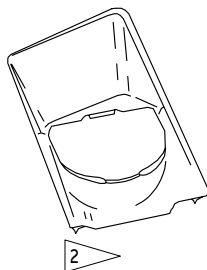
LAVATORY/GALLEY DRAINS AND HOT WATER HEATERS – LOG BOOK REPORTS

EFFECTIVITY
 MTH AIRPLANES

BOEING 767

FAULT REPORTING MANUAL

TOILET



DID TOILET HAVE LOUD AIR NOISE,
LEAK OR FILL WITH WATER?

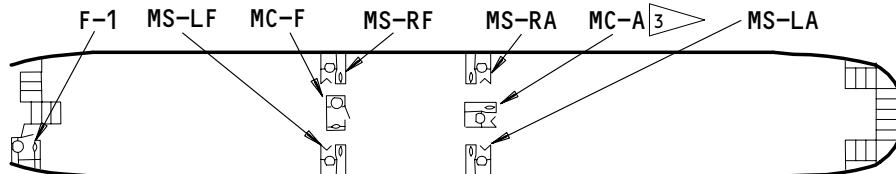
FAULT CODE/ LOCATION

LAVATORIES ¹	
F-1	01
MS-LF	28
MC-F	25
MS-RF	31
MS-LA	27
MC-A	24
MS-RA	30
ALL	99
NOT APPLY	00

NO		TO SHEET 2 ↓
	LOUD AIR NOISE	38 30 10 --
	TOILET LEAKS WATER	38 30 11 --
	TOILET FILLS WITH WATER	38 30 12 --

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE → 38 30 XA --

¹ LAVATORY LOCATION.



² SEE "WATER SHUTOFF VALVE LOCATIONS" PAGE IF NECESSARY TO SHUTOFF WATER. ³ IF INSTALLED

APPLICABLE CIRCUIT BREAKERS

NONE

LAVATORY WASTE (SHEET 1) - FAULT CODES

EFFECTIVITY
SAS AIRPLANES

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | 38 30 10 __ (01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA)
toilet has loud air noise.

- | 38 30 11 __ (01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA)
toilet has water leak.

- | 38 30 12 __ (01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA,
99=All) toilet(s) Fill(s) with water.

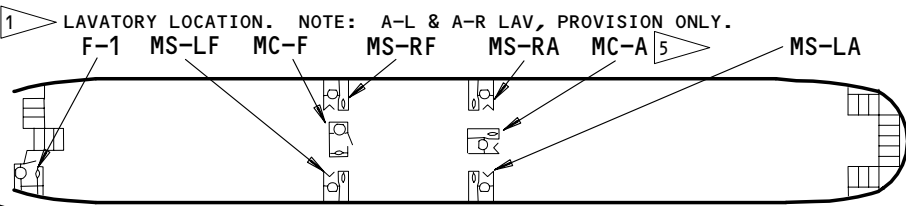
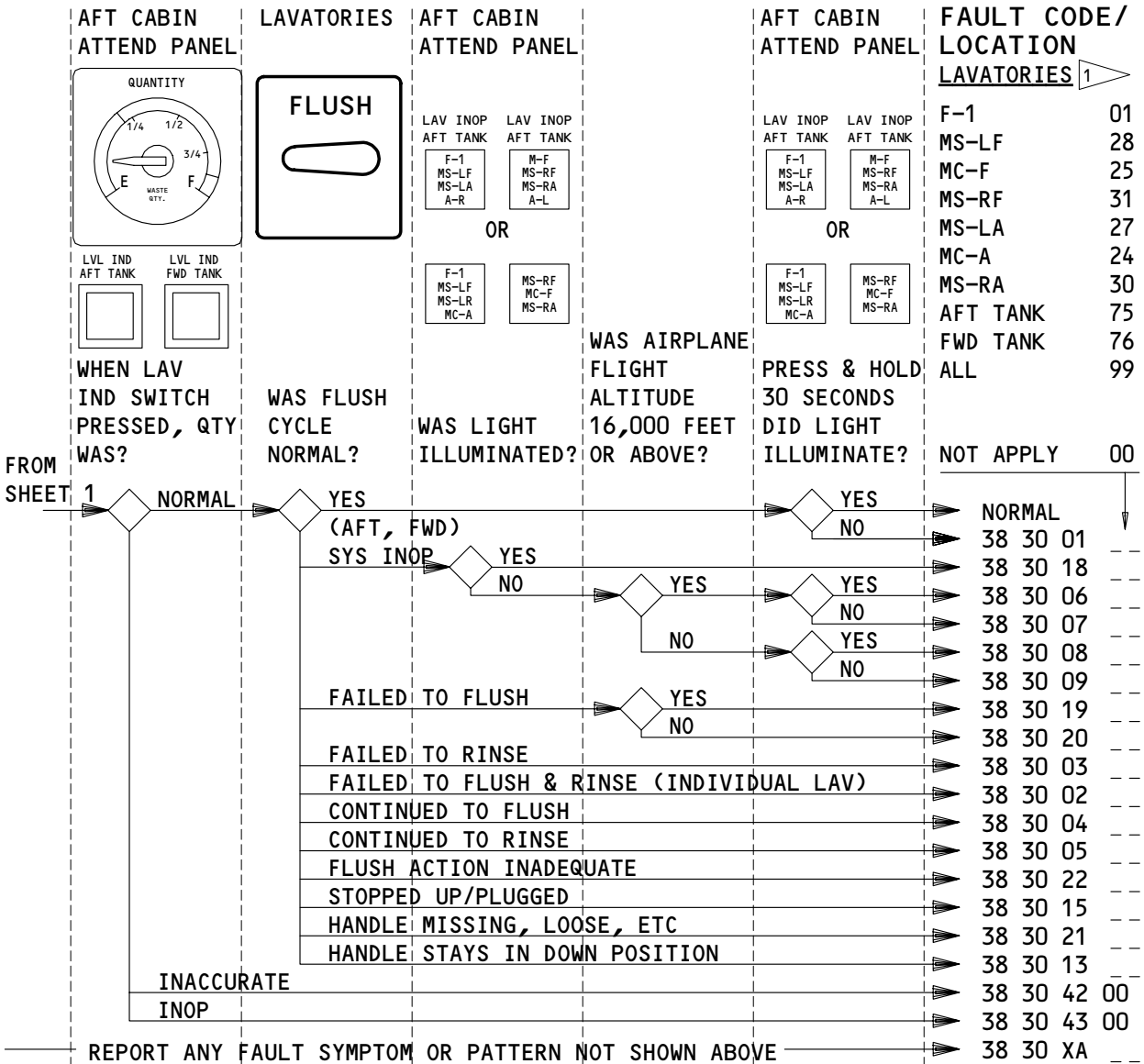
- 38 30 XA __ Report lavatory waste symptoms or patterns along with fault code.

LAVATORY WASTE (SHEET 1) - LOG BOOK REPORTS

EFFECTIVITY
SAS AIRPLANES

BOEING 767

FAULT REPORTING MANUAL



- ² SEE "WATER SHUTOFF VALVE LOCATIONS" PAGE IF NECESSARY TO SHUTOFF WATER.
- ³ LIFTING HANDLE SHOULD RECYCLE SYSTEM.
- ⁴ FLUSH OPERATION INOP DURING SERVICING.
- ⁵ IF INSTALLED

APPLICABLE CIRCUIT BREAKERS

11R8 LAV SYS 1 FLUSH

11R35 LAV SYS 2 FLUSH

LAVATORY WASTE (SHEET 2) - FAULT CODES

EFFECTIVITY
SAS AIRPLANES

WATER & WASTE

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 38 30 01 -- (75=AFT tank, 76=FWD tank, 99=ALL) Lavs inop test at aft cabin attnd panel failed to test.
- 38 30 18 -- (75=AFT tank, 76=FWD tank) toilets do not flush or rinse. LAV light illuminated.
- 38 30 06 -- (75=AFT tank, 76=FWD tank) toilets do not flush or rinse. LAV INOP light(s) at aft cabin attnd panel test normal. Airplane altitude was above 16,000 ft.
- 38 30 07 -- (75=AFT tank, 76=FWD tank) toilets do not flush or rinse. LAV INOP light(s) at aft cabin attnd panel failed to test. Airplane altitude was above 16,000 ft.
- 38 30 08 -- (75=AFT tank, 76=FWD tank) toilets do not flush or rinse. LAV INOP light(s) at aft cabin attnd panel test normal. Airplane altitude was below 16,000 ft.
- 38 30 09 -- (75=AFT tank, 76=FWD tank) toilets do not flush or rinse. LAV INOP light(s) at aft cabin attnd panel failed to test. Airplane altitude was below 16,000 ft.
- 38 30 19 -- (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA, 99=ALL) toilet(s) failed to flush. Airplane was 16,000 ft or above.
- 38 30 20 -- (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA, 99=ALL) toilet(s) failed to flush. Airplane was below 16,000 ft.
- 38 30 03 -- (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) toilet does not rinse.
- 38 30 02 -- (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) toilet does not flush and rinse.
- 38 30 04 -- (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) toilet continues to flush.
- 38 30 05 -- (LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) toilet continues to rinse.

Continued on next page

LAVATORY WASTE (SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY
SAS AIRPLANES

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
38 30 22 --	(LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) toilet flushing action inadequate.
38 30 15 --	(LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) toilet is stopped up.
38 30 21 --	(LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) toilet flush handle (missing, loose, etc).
38 30 13 --	(LAV: 01=F-1, 28=MS-LF, 25=MC-F, 31=MS-RF, 27=MS-LA, 24=MC-A, 30=MS-RA) toilet flush handle stays in down position. Lifting handle (does/does not) recycle system.
38 30 42 00	Waste quantity indicator inaccurate.
38 30 43 00	Waste quantity indicator inoperative.
38 30 XA --	Report lavatory waste symptoms or patterns along with fault code.

LAVATORY WASTE (SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY
SAS AIRPLANES

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FAULT REPORTING MANUAL

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EFFECTIVITY

ALL

04

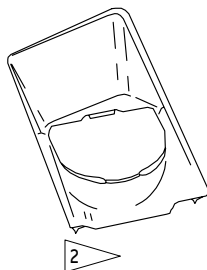
WATER & WASTE

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FAULT REPORTING MANUAL

TOILET

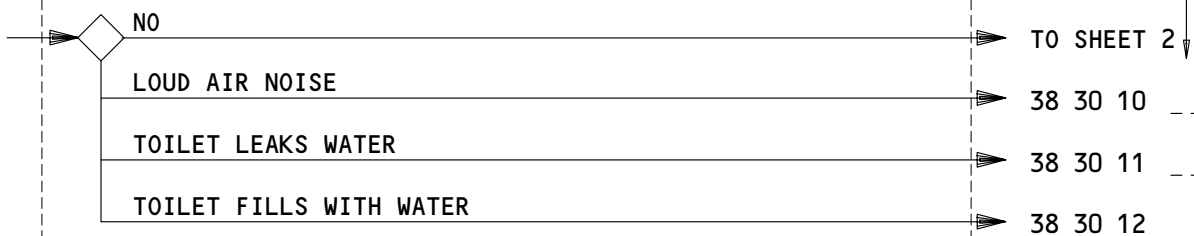


FAULT CODE/ LOCATION

<u>LAVATORIES</u> 1	
A	61
B	62
C	63
D	64
E	65
F	66
ALL	99

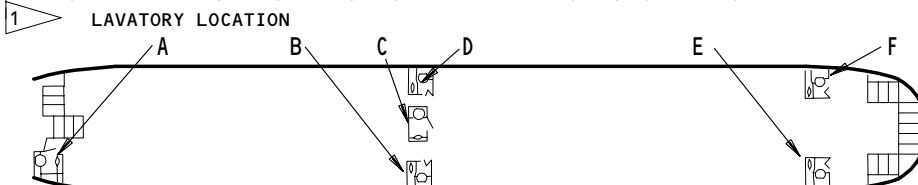
DID TOILET HAVE LOUD AIR NOISE,
LEAK OR FILL WITH WATER?

NOT APPLY 00



REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE

38 30 XA



2 SEE "WATER SHUTOFF VALVE LOCATION" PAGE IF NECESSARY TO SHUTOFF WATER.

APPLICABLE CIRCUIT BREAKERS

LAVATORY WASTE(SHEET 1) - FAULT CODES

EFFECTIVITY
MTH AIRPLANES

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | 38 30 10 __ (LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) toilet has loud air noise.
- | 38 30 11 __ (LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) toilet leaks water.
- | 38 30 12 __ (LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F, 99=ALL) toilet(s) fill(s) with water.

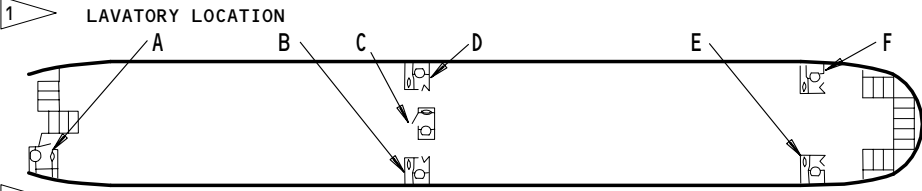
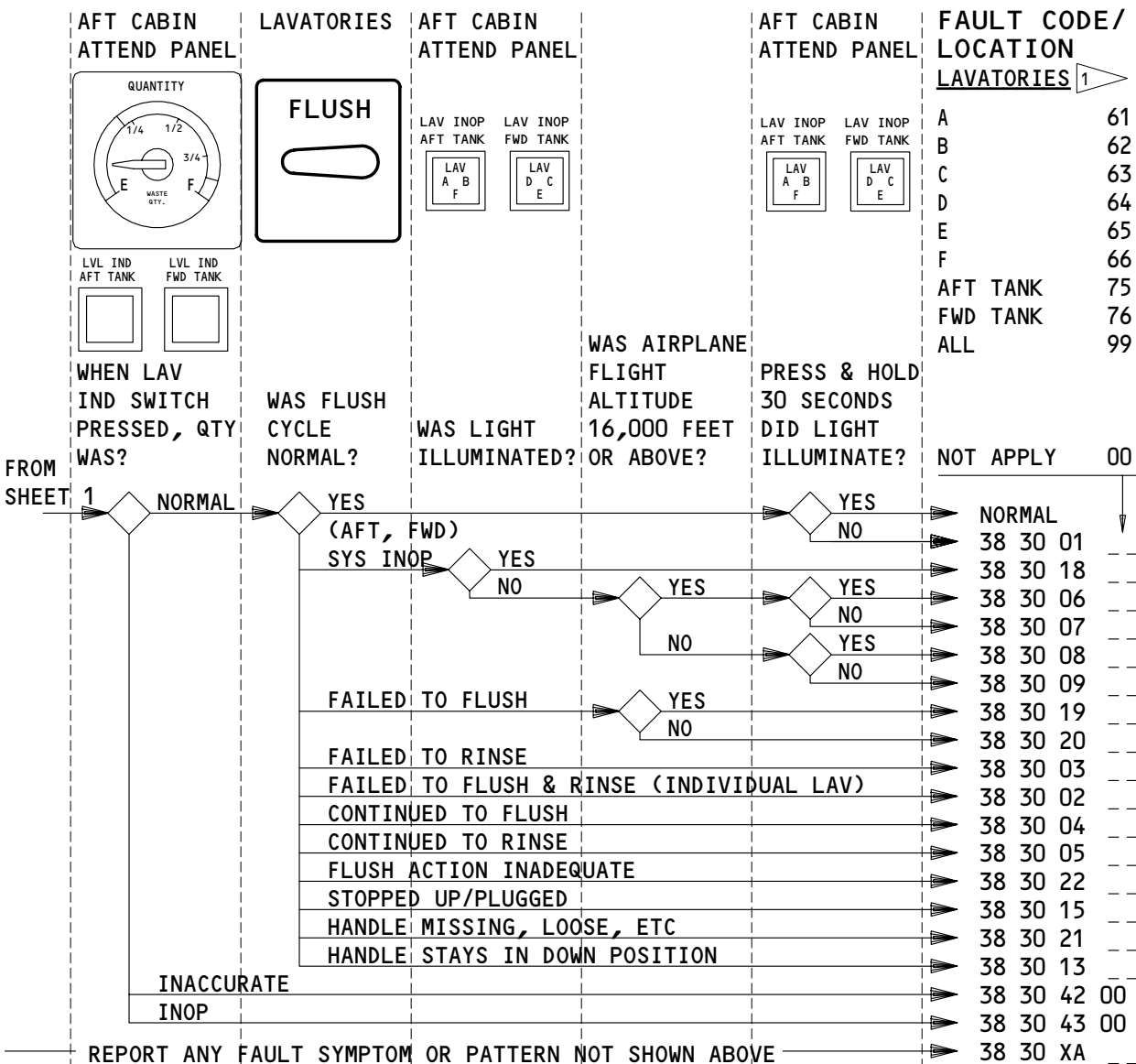
- 38 30 XA __ Report lavatory waste symptoms or patterns along with fault code.

LAVATORY WASTE (SHEET 1) - LOG BOOK REPORTS

EFFECTIVITY
MTH AIRPLANES

BOEING 767

FAULT REPORTING MANUAL



- 2 SEE "WATER SHUTOFF VALVE LOCATIONS" PAGE IF NECESSARY TO SHUTOFF WATER.
- 3 LIFTING HANDLE SHOULD RECYCLE SYSTEM.
- 4 FLUSH OPERATION INOP DURING SERVICING.

APPLICABLE CIRCUIT BREAKERS

11R8 LAVS SYS 1 FLUSH 11R35 LAVS SYS 2 FLUSH

LAVATORY WASTE (SHEET 2) - FAULT CODES

EFFECTIVITY
MTH AIRPLANES

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
38 30 01 --	(75=AFT tank, 76=FWD tank, 99=ALL) Lavs inop test at aft cabin atnd panel failed to test.
38 30 18 --	(75=AFT tank, 76=FWD tank) toilets do not flush or rinse. LAV light illuminated.
38 30 06 --	(75=AFT tank, 66=FWD tank) toilets do not flush or rinse. LAV INOP light(s) at aft cabin atnd panel test normal. Airplane altitude was above 16,000 ft.
38 30 07 --	(75=AFT tank, 76=FWD tank) toilets do not flush or rinse. LAV INOP light(s) at aft cabin atnd panel failed to test. Airplane altitude was above 16,000 ft.
38 30 08 --	(75=AFT tank, 76=FWD tank) toilets do not flush or rinse. LAV INOP light(s) at aft cabin atnd panel test normal. Airplane altitude was below 16,000 ft.
38 30 09 --	(75=AFT tank, 76=FWD tank) toilets do not flush or rinse. LAV INOP light(s) at aft cabin atnd panel failed to test. Airplane altitude was below 16,000 ft.
38 30 19 --	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F, 99=ALL) toilet(s) failed to flush. Airplane was 16,000 ft or above.
38 30 20 --	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F, 99=ALL) toilet(s) failed to flush. Airplane was below 16,000 ft.
38 30 03 --	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) toilet does not rinse.
38 30 02 --	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) toilet does not flush and rinse.
38 30 04 --	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) toilet continues to flush.
38 30 05 --	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) toilet continues to rinse.

Continued on next page

LAVATORY WASTE (SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY
MTH AIRPLANES

BOEING 767
FAULT REPORTING MANUAL

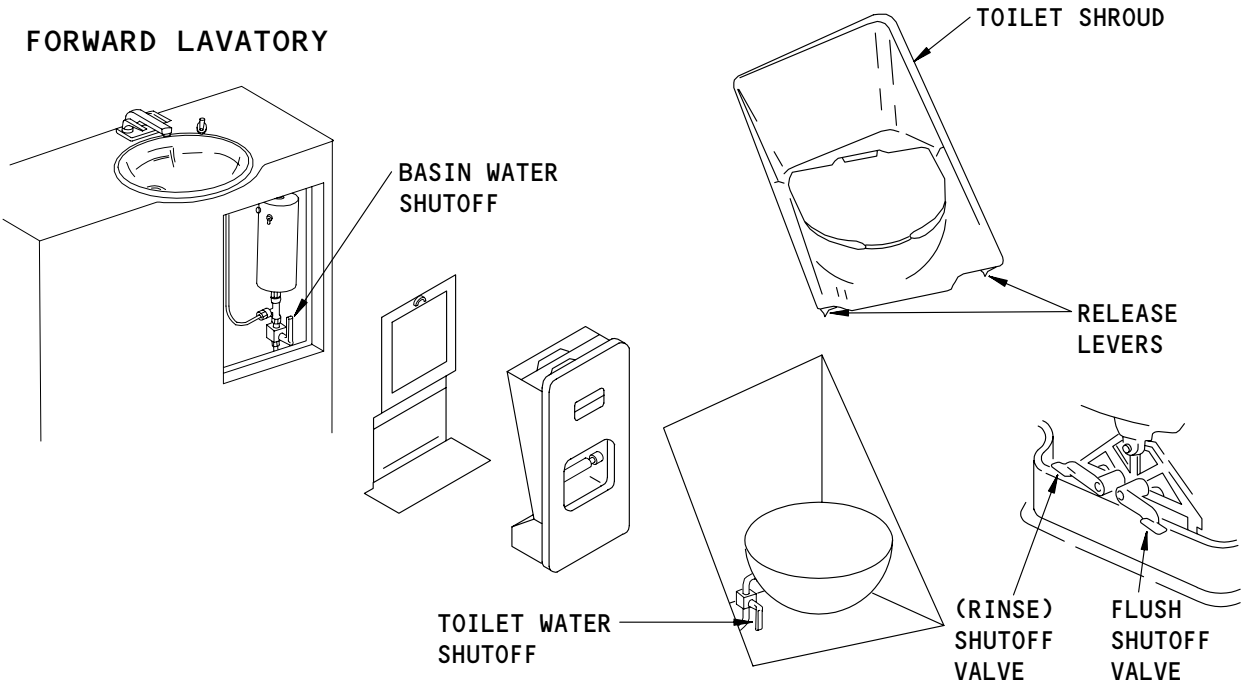
FAULT CODE	LOG BOOK REPORT
38 30 22 __	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) toilet flushing action inadequate.
38 30 15 __	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) toilet is stopped up.
38 30 21 __	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) toilet flush handle (missing, loose, etc).
38 30 13 __	(LAV: 61=A, 62=B, 63=C, 64=D, 65=E, 66=F) toilet flush handle stays in down position. Lifting handle (does/does not) recycle system.
38 30 42 00	Waste quantity indicator inaccurate.
38 30 43 00	Waste quantity indicator inoperative.
38 30 XA __	Report lavatory waste symptoms or patterns along with fault code.

LAVATORY WASTE (SHEET 2) - LOG BOOK REPORTS

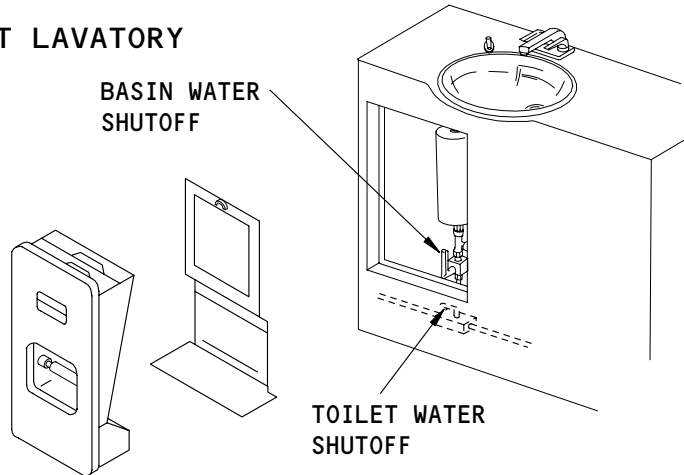
EFFECTIVITY
MTH AIRPLANES

BOEING 767
FAULT REPORTING MANUAL

FORWARD LAVATORY

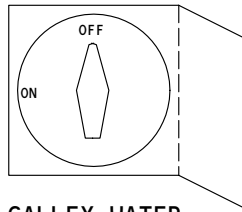


MID AND AFT LAVATORY



GALLEYS

EMERGENCY WATER SHUTOFF



GALLEY WATER SHUTOFF

WATER SHUTOFF VALVE LOCATIONS

EFFECTIVITY

ALL

04

WATER & WASTE

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277641

BOEING 767
FAULT REPORTING MANUAL

AUXILIARY POWER UNIT

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APU FAULT	2B, 4, 6
APU FUEL VAL	FUEL
APU GEN OFF	ELECTRICAL
APU ISLN VAL	FUEL
APU OIL QTY	4

EICAS MESSAGES

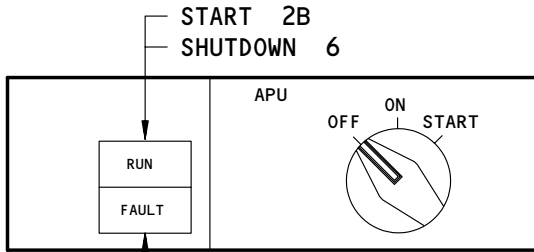
EFFECTIVITY

ALL

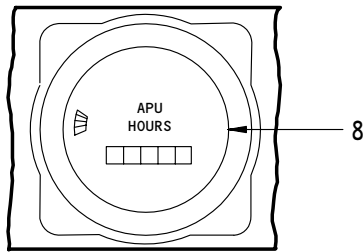
03

APU
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AUG 22/00

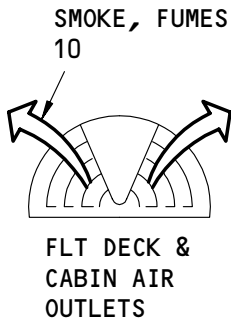
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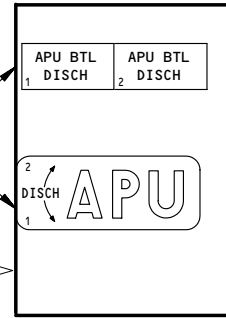
OVERHEAD PANEL



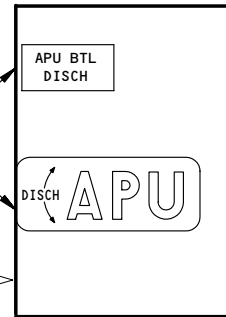
ACCESSORY PANEL



FIRE PROTECTION

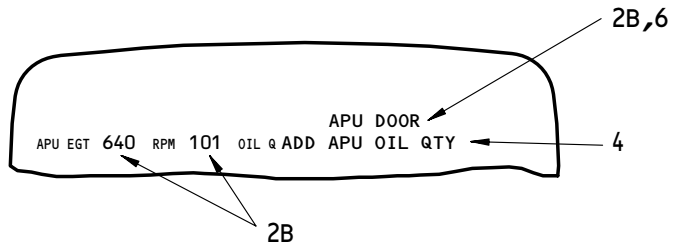


FIRE PROTECTION



AFT ELECTRONIC CONTROL PANEL

EICAS STATUS DISPLAY



PILOTS CENTER PANEL

1 AS INSTALLED

CONTENTS

EFFECTIVITY

ALL

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BOEING 767
FAULT REPORTING MANUAL

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FIRE SWITCH	FIRE PROTECTION
FUEL FEED	FUEL
GENERATOR	ELECTRICAL POWER
HOURS INDICATOR	8
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EFFECTIVITY

ALL

03

APU
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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
49 11 01 00	APU slow to start, ____ sec elapsed before RUN lgt illum.
49 11 02 00	APU failed to start. FAULT lgt illum & EICAS msg APU FAULT displayed. APU selector positioned OFF then ON, lgt & msg remained.
49 11 03 00	APU failed to start. FAULT lgt illum & EICAS msg APU FAULT displayed.
49 11 04 00	APU failed to start. FAULT lgt illum & EICAS msg APU FAULT displayed. APU started normal on 2nd attempt.
49 11 05 00	APU failed to start. FAULT lgt illum & EICAS msg APU FAULT displayed. Additional start attempts unsuccessful.
49 11 06 00	APU failed to start. FAULT lgt illum & EICAS msg APU FAULT displayed. Second attempt indicates no RPM rise.
49 11 07 00	APU failed to start. FAULT lgt illum & EICAS msg APU FAULT displayed. Second attempt indicates (slow accel, hung start).
49 11 08 00	APU failed to start. FAULT lgt illum & EICAS msg APU FAULT displayed. Second attempt indicates no EGT rise.
49 11 09 00	APU failed to start. FAULT lgt illum & EICAS msg APU FAULT displayed. Second attempt indicates EGT high.
49 11 10 00	APU failed to start. FAULT lgt illum & EICAS msg APU FAULT displayed. Second attempt indicates APU overspeed.
49 11 12 00	APU failed to start. FAULT lgt illum & EICAS msg APU FAULT displayed. Second start norm.
49 11 14 00	APU failed to start. FAULT lgt illum & EICAS msg APU FAULT displayed. Second attempt shows norm (EGT, RPM) but APU quit.
49 11 15 00	APU failed to start. EICAS msgs APU DOOR & APU FAULT displayed & FAULT lgt illum when sw placed to start.
49 11 XA 00	Report APU start symptoms or patterns along with fault code.

APU START – LOG BOOK REPORTS

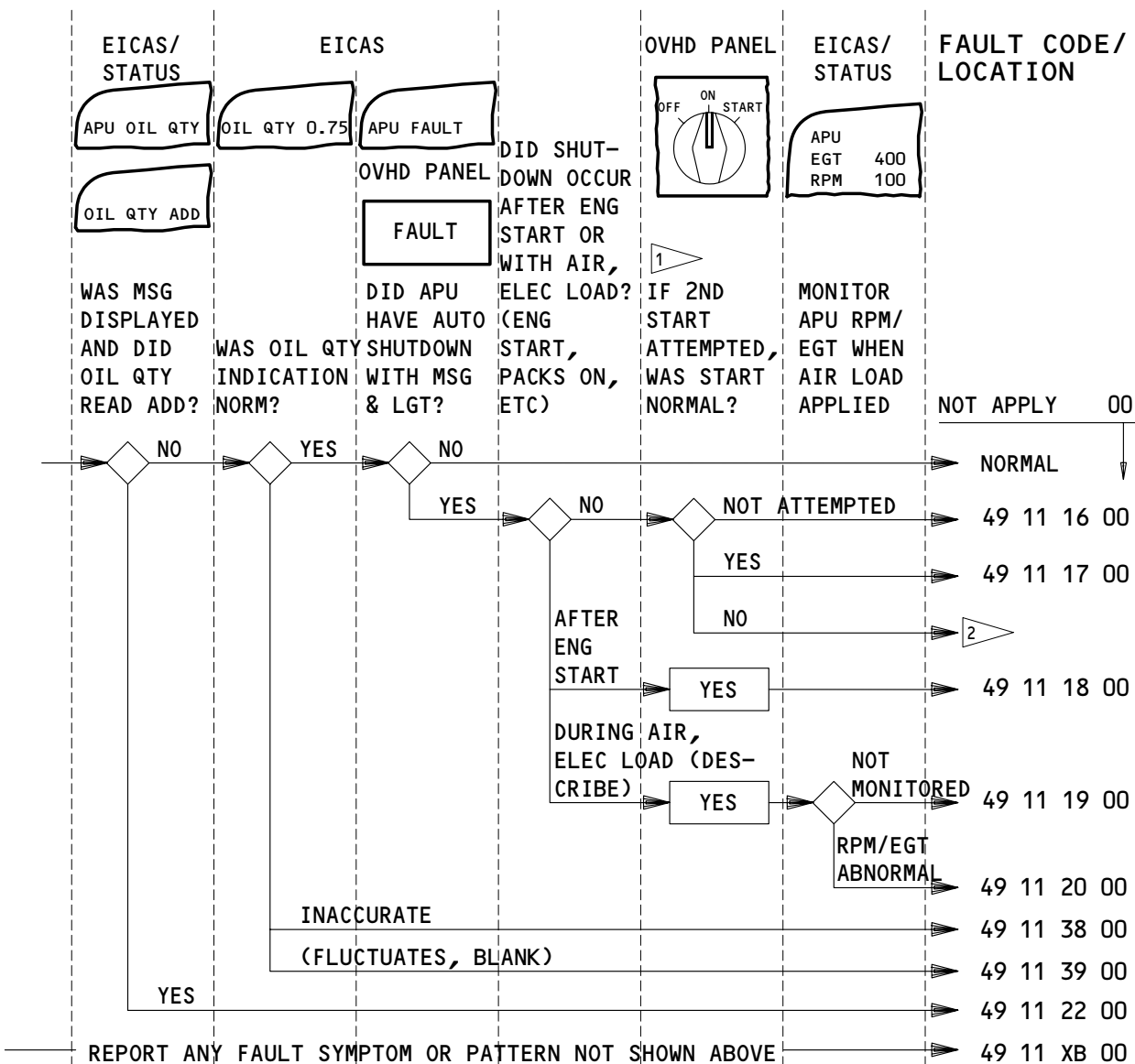
EFFECTIVITY

ALL

03

BOEING 767

FAULT REPORTING MANUAL



1 START ATTEMPTS LIMITED TO 3 PER HOUR.

2 SEE "APU START" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS

6E3	APU FUEL VALVE	11D34	FUEL DC PUMP PWR
6G24	L FWD FUEL BOOST PUMP	11D35	FUEL DC PUMP CONT
11B35	APU ALTN CONT	11M25	FUEL PUMPS L FWD R AFT

APU AUTO SHUTDOWN/APU OIL QTY - FAULT CODES

EFFECTIVITY

ALL

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APU
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AUG 22/00

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
49 11 16 00	APU had Auto shutdown, FAULT lgt illum & EICAS msg APU FAULT displayed.
49 11 17 00	APU had Auto shutdown, FAULT lgt illum & EICAS msg APU FAULT displayed. Next start attempt normal.
49 11 18 00	APU had Auto shutdown after eng start. FAULT lgt illum & EICAS msg APU FAULT displayed. Next start attempt normal.
49 11 19 00	APU had Auto shutdown during (eng start, packs on, hyd pump on, etc). FAULT lgt illum & EICAS msg APU FAULT displayed. Next start attempt normal.
49 11 20 00	APU had Auto shutdown during (eng start, packs on, hyd pump on, etc). FAULT lgt illum & EICAS msg APU FAULT displayed. After 2nd start, APU (RPM low/EGT high) when (eng started, packs on, hyd pumps on, etc).
49 11 38 00	APU OIL QTY is inaccurate. (Describe)
49 11 39 00	APU OIL QTY (fluctuates, blank).
49 11 22 00	EICAS msg APU OIL QTY displayed and oil QTY reads ADD.
49 11 XB 00	Report APU Auto Shutdown/APU Oil Qty symptoms or patterns along with fault code.

APU AUTO SHUTDOWN/APU OIL QTY – LOG BOOK REPORTS

EFFECTIVITY

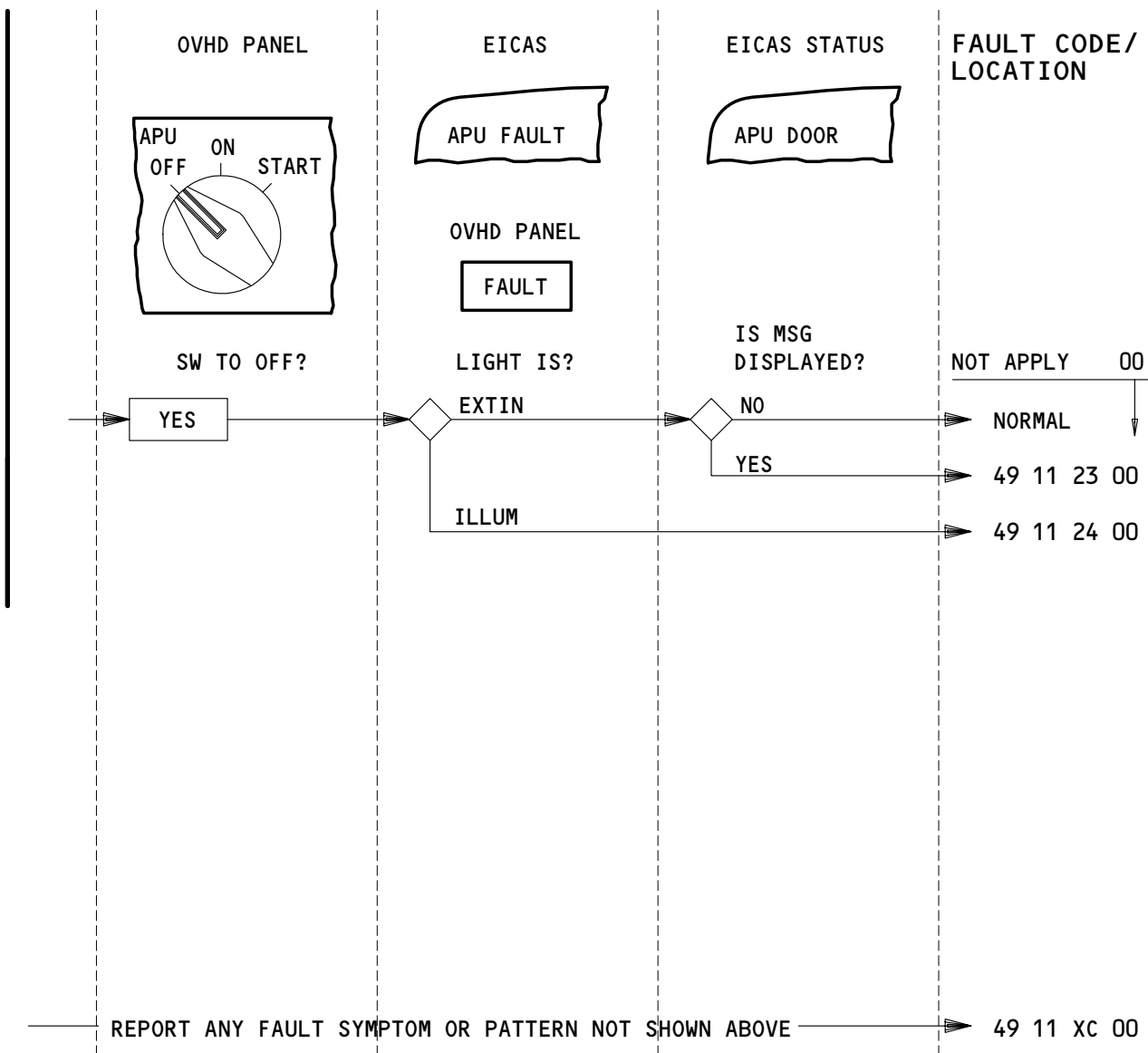
ALL

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APU
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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

6E3	APU FUEL VALVE	11D34	FUEL DC PUMP PWR
6G24	L FWD FUEL BOOST PUMP	11D35	FUEL DC PUMP CONT
11B35	APU ALTN CONT	11M25	FUEL PUMPS L FWD/R AFT

APU SHUTDOWN – FAULT CODES

EFFECTIVITY

ALL

03

APU
PAGE 6
AUG 22/00

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

49 11 23 00 EICAS msg APU D00R remains displayed after APU shutdown.

49 11 24 00 APU fault during shutdown. FAULT lgt illum & EICAS msg APU FAULT displayed.

49 11 XC 00 Report APU shutdown symptoms or patterns along with fault code.

APU SHUTDOWN – LOG BOOK REPORTS

EFFECTIVITY

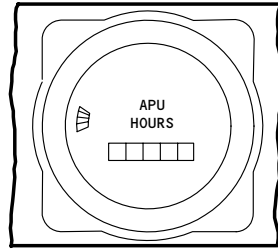
ALL

03

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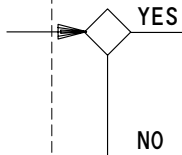
BOEING 767
FAULT REPORTING MANUAL

ACCESSORY PANEL



FAULT CODE/
 LOCATION

DOES INDICATOR ADVANCE NORM WITH APU OPERATING?



NOT APPLY 00

NORMAL

49 72 01 00

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE

49 72 XA 00

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

6H28	APU HOURMETER
11B35	APU ALTN CONT

APU HOURS INDICATOR - FAULT CODES

EFFECTIVITY

ALL

03

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

49 72 01 00 APU hours indicator does not advance normally with APU operating.

49 72 XA 00 Report APU hours indicator symptoms or patterns along with fault code.

APU HOURS INDICATOR – LOG BOOK REPORTS

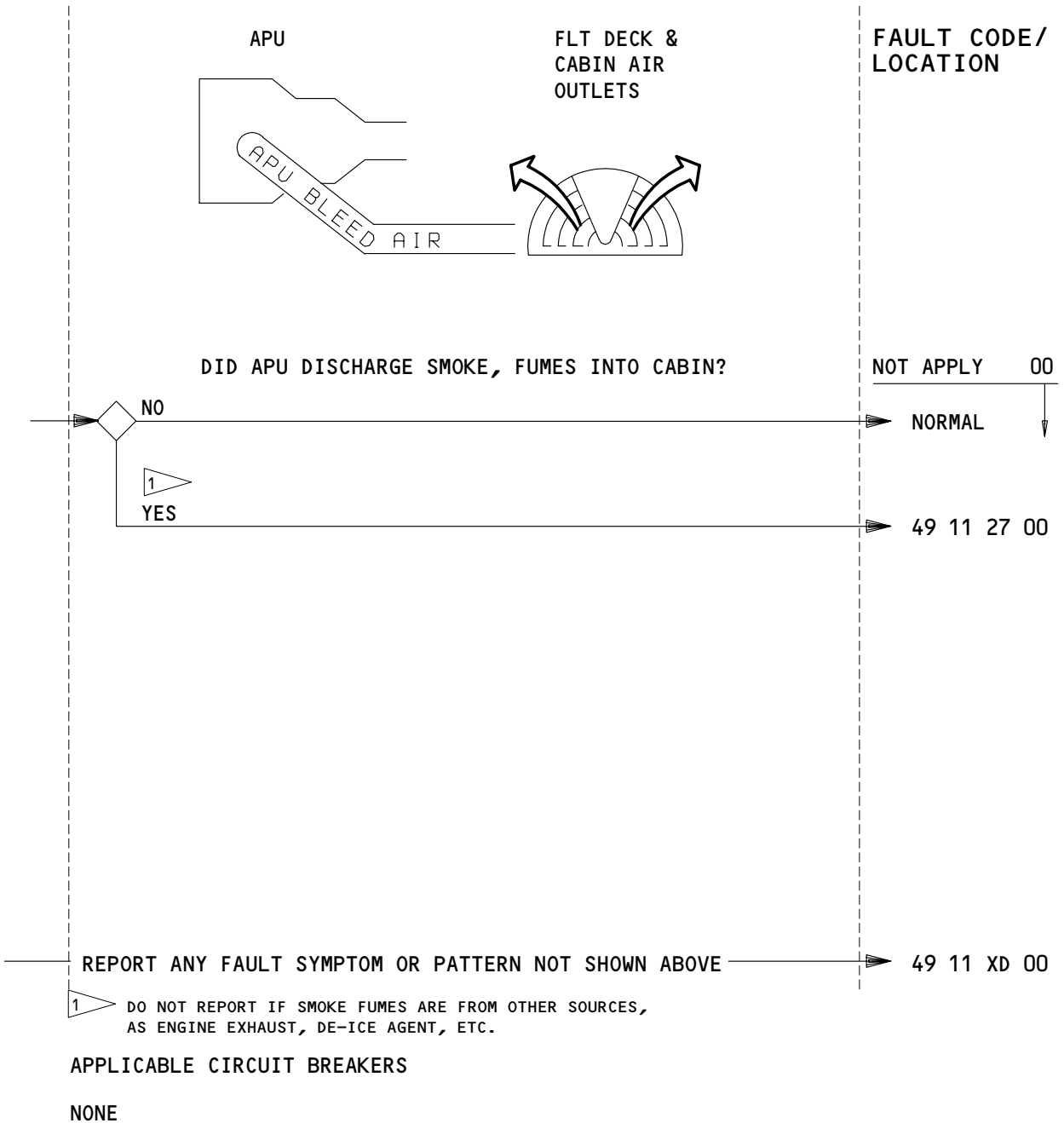
EFFECTIVITY

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FAULT REPORTING MANUAL



SMOKE, FUMES FROM APU - FAULT CODES

EFFECTIVITY

ALL

03

APU
 PAGE 10
 DEC 10/98

138051

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

49 11 27 00 (Smoke, Fumes) coming into cabin from APU.

49 11 XD 00 Report smoke, fumes from APU symptoms or patterns along with fault code.

SMOKE, FUMES FROM APU - LOG BOOK REPORTS

138053

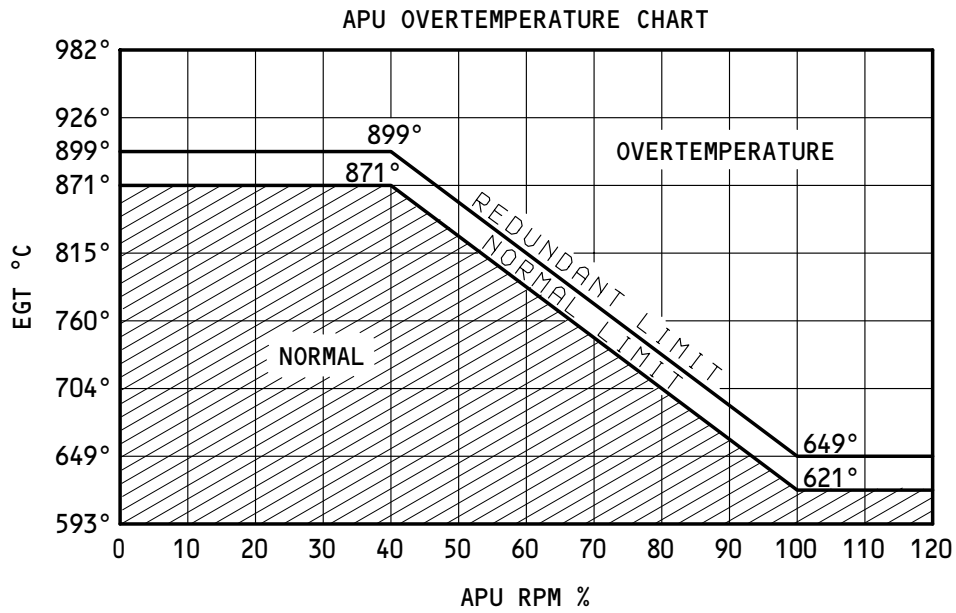
EFFECTIVITY

ALL

09

APU
PAGE 11
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CHART 1



APU WILL SHUT DOWN AND FAULT LGT ILLUMINATE WITH EICAS MSG "APU FAULT DISPLAYED", IF THE NORMAL LIMIT IS EXCEEDED FOR .5 SEC OR THE REDUNDANT LIMIT FOR .1 SEC.

CHARTS

106665

EFFECTIVITY

ALL

09

BOEING 767
FAULT REPORTING MANUAL

CHECK 1

APU SLOW ACCEL/HUNG START CHECK

APU WILL SHUT DOWN AND FAULT LGT ILLUMINATE WITH EICAS MSG "APU FAULT" DISPLAYED IF THESE ACCELERATION LIMITS ARE NOT MET.

<u>RPM %</u>	<u>APPROX TIME (SEC)</u>
NO ACCEL	5
7	30
20	50
50	70 (ON GRD OR IN FLT BELOW 30,000')
50	100 (IN FLT ABOVE 30,000')

CHECK 2

OVERSPEED LIMIT

APU WILL SHUT DOWN AND FAULT LGT ILLUMINATE WITH EICAS MSG "APU FAULT" DISPLAYED IF 107% RPM LIMIT IS EXCEEDED.

CHECKS

EFFECTIVITY


ALL


07

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FAULT REPORTING MANUAL

DOORS

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(L, R) FWD EMER DOOR.....	12
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 AS INSTALLED

EICAS MESSAGES

EFFECTIVITY

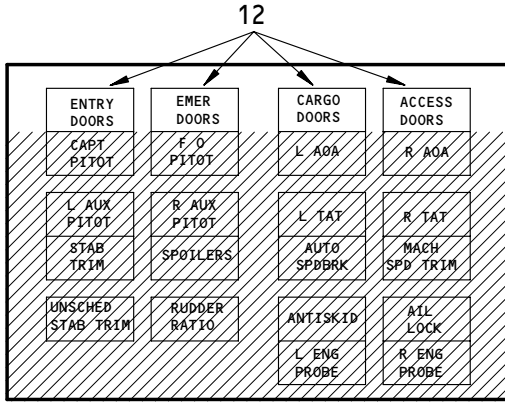
ALL

11

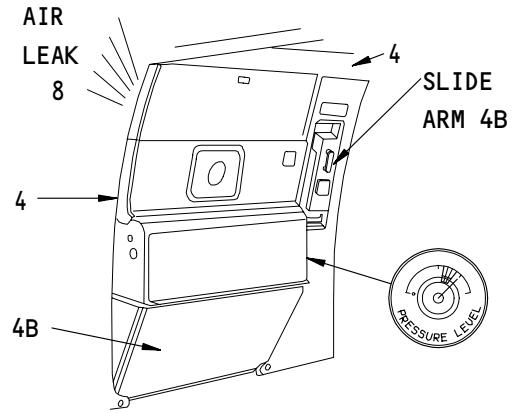
249678

BOEING 767

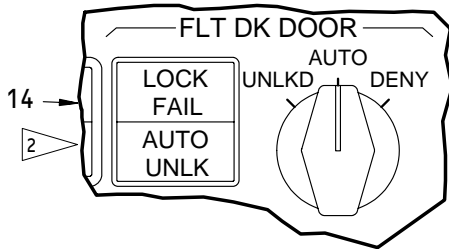
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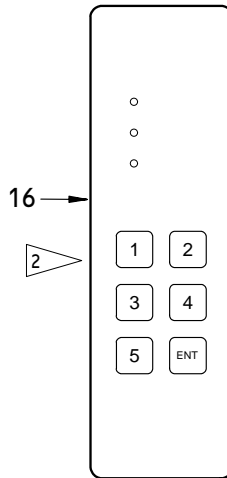
OVERHEAD PANEL



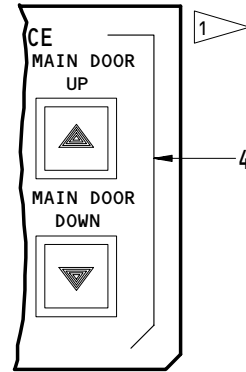
ENTRY/SERVICE DOOR



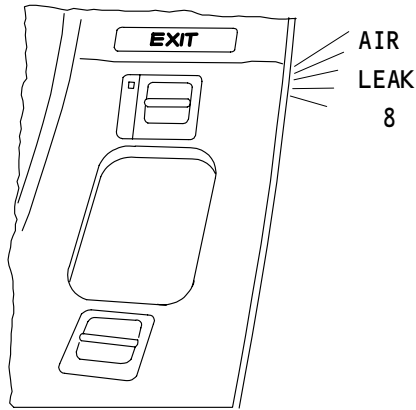
OVERHEAD PANEL



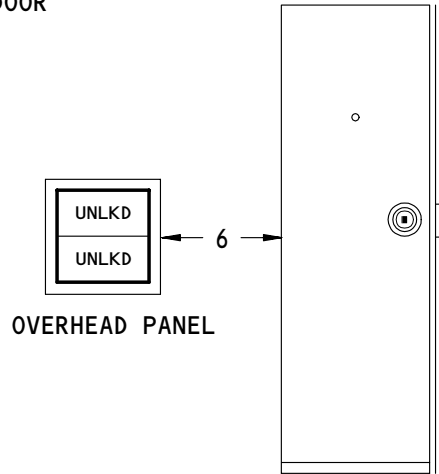
FLT DECK DOOR



ATTENDANT PANEL



OVERWING EMERGENCY EXIT



FLT DK DOOR

- 1 POWERED ENTRY DOORS
- 2 AS INSTALLED

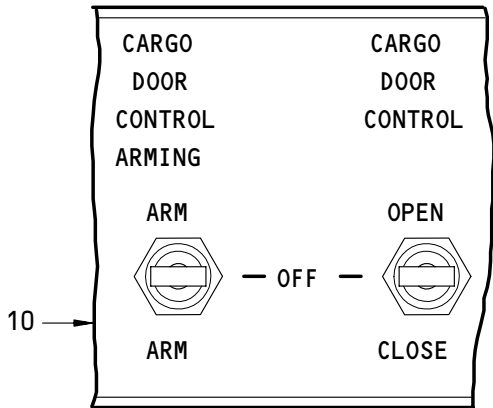
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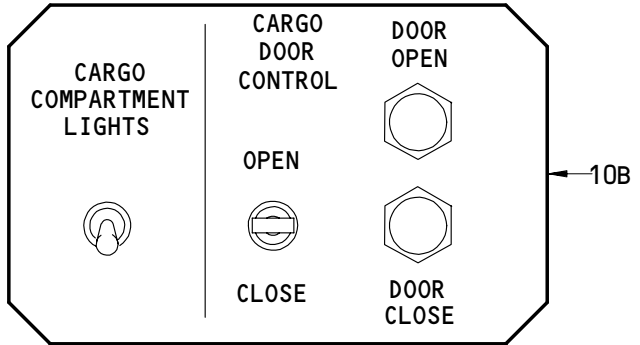
ALL

04

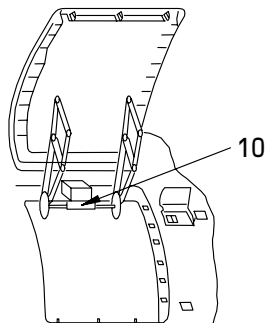
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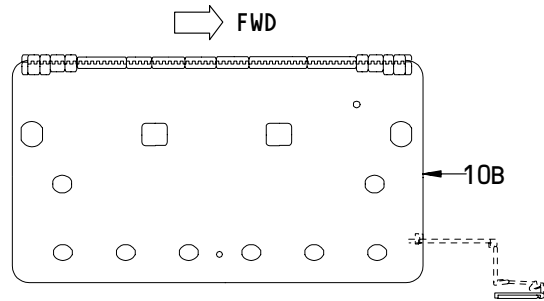
AFT CARGO DOOR CONTROL PANEL



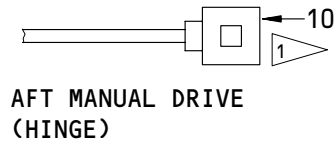
LARGE FWD CARGO DOOR CONTROL PANEL



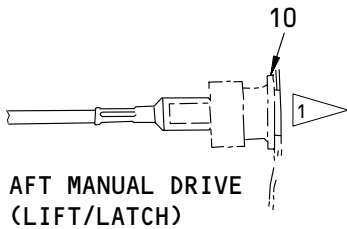
AFT CARGO DOORS



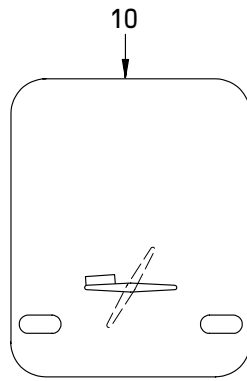
LARGE FWD CARGO DOOR



AFT MANUAL DRIVE
 (HINGE)



AFT MANUAL DRIVE
 (LIFT/LATCH)



BULK CARGO DOOR

1 ▽ NORMAL SIZE CARGO DOOR

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FAULT REPORTING MANUAL

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WINDOW (CONDENSATION/ FOG)	EQUIPMENT & FURNISHINGS

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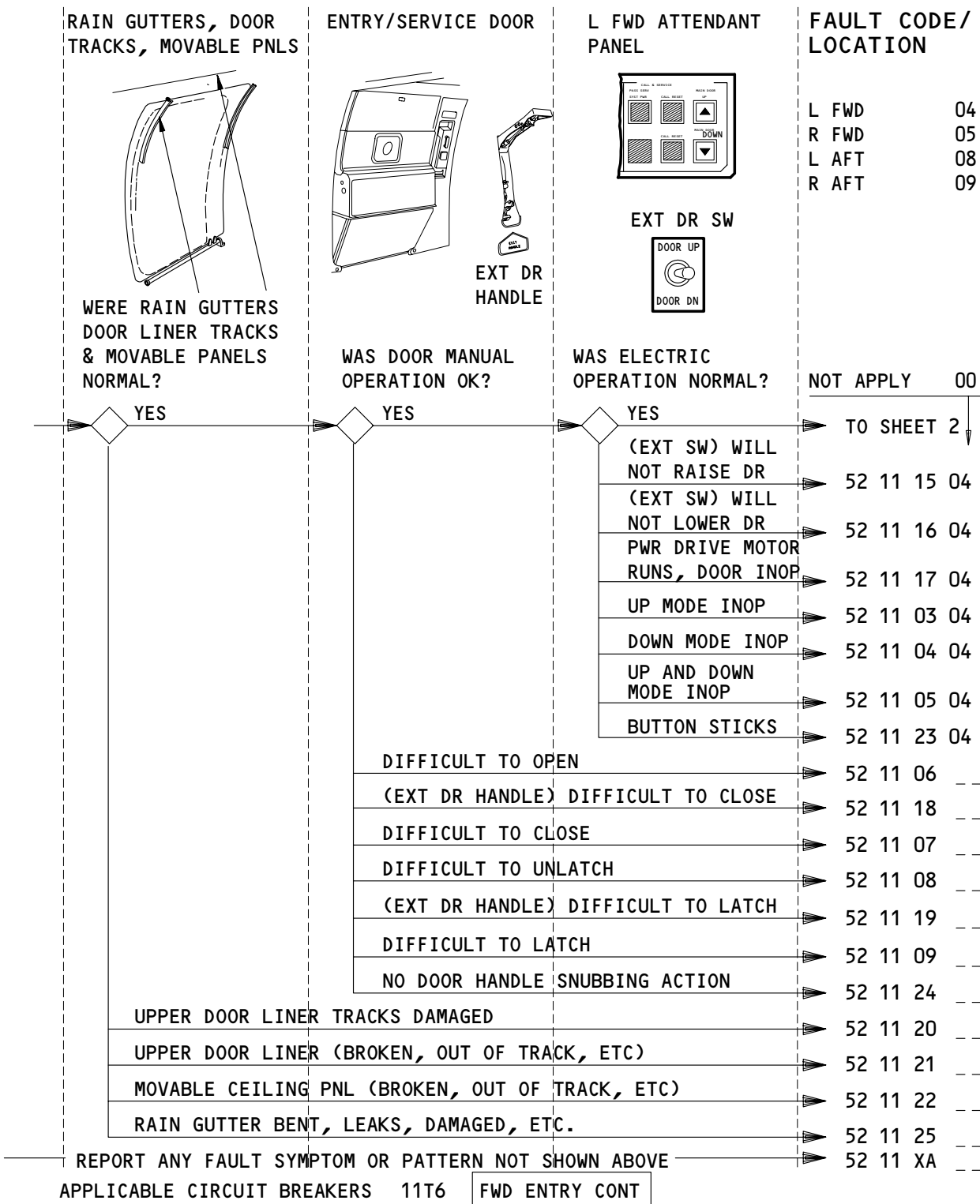
ALL

08

DOORS
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AUG 10/92

BOEING 767

FAULT REPORTING MANUAL



ENTRY/SERVICE DOORS (SHEET 1) - FAULT CODES

EFFECTIVITY
ALL

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
52 11 15 04	L fwd door will not raise using ext dr sw.
52 11 16 04	L fwd door will not lower using ext dr sw.
52 11 17 04	L fwd door power drive motor runs but door will not move.
52 11 03 04	L fwd door will not raise electrically.
52 11 04 04	L fwd door will not lower electrically.
52 11 05 04	L fwd door will not raise or lower electrically.
52 11 23 04	L fwd door (up/down) button sticks.
52 11 06 __	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) door difficult to open.
52 11 18 __	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) door difficult to close using ext dr handle.
52 11 07 __	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) door difficult to close.
52 11 08 __	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) door difficult to unlatch.
52 11 19 __	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) door difficult to latch using ext dr handle.
52 11 09 __	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) door difficult to latch.
52 11 24 __	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) door handle has no snubbing action.
52 11 20 __	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) upper door liner tracks damaged
52 11 21 __	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) upper door liner (broken, out of track, etc).
52 11 22 __	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) movable ceiling panels (broken, out of track, etc).
52 11 25 __	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) door gutter (bent, leaks, damaged, etc).
52 11 XA __	Report entry/service doors symptoms or patterns along with fault code.

ENTRY/SERVICE DOORS (SHEET 1) - LOG BOOK REPORTS

216200

EFFECTIVITY

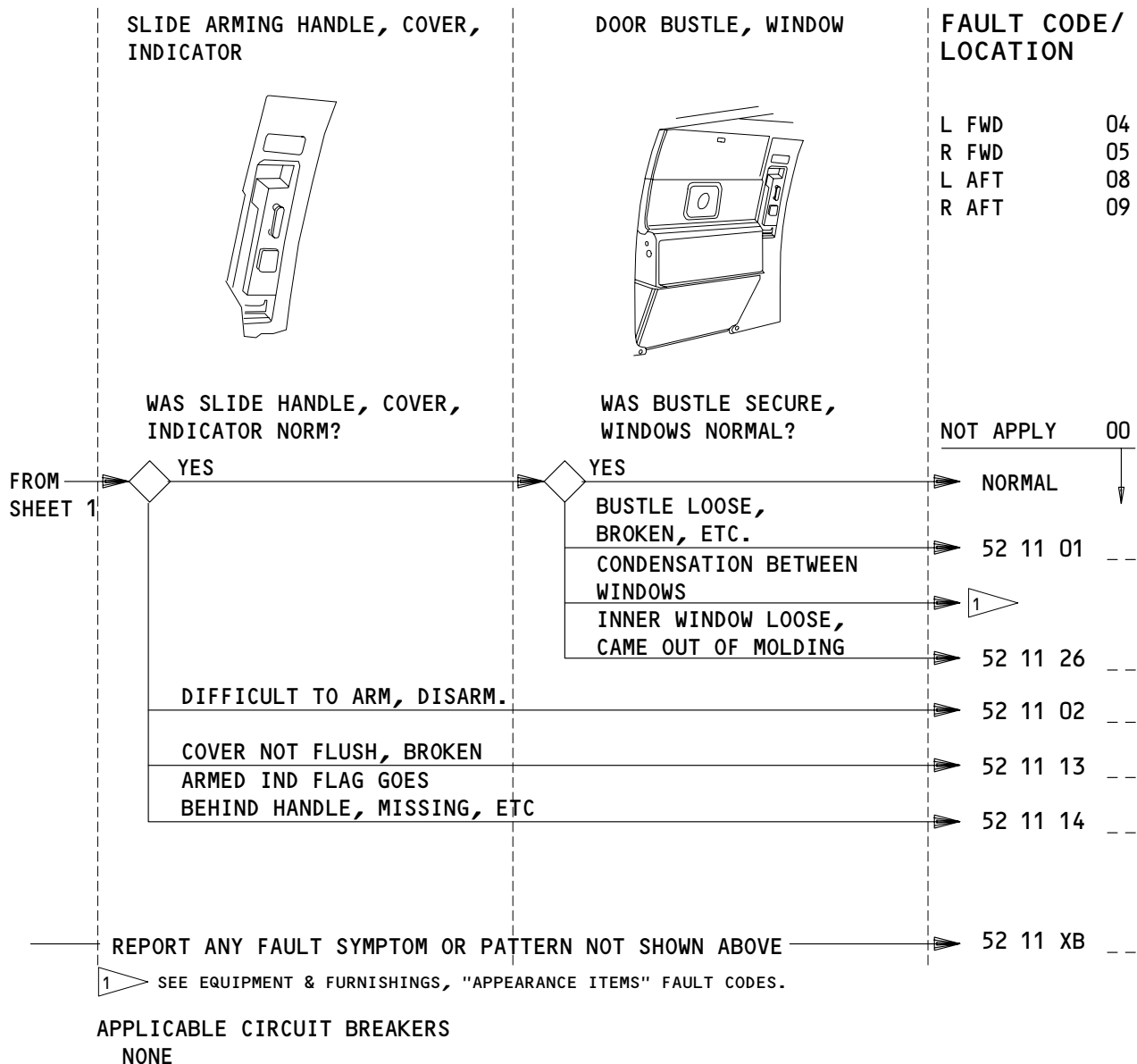
ALL

03

DOORS
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BOEING 767

FAULT REPORTING MANUAL



ENTRY/SERVICE DOORS (SHEET 2) - FAULT CODES

216220

EFFECTIVITY

ALL

01

DOORS

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
52 11 01 --	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) door bustle not secure. (Describe problem)
52 11 26 --	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) door inner window is (loose, out of molding).
52 11 02 --	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) door slide arming handle difficult to (arm, disarm).
52 11 13 --	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) arming lever cover (not flush, broken).
52 11 14 --	(04=L fwd, 05=R fwd, 08=L aft, 09=R aft) armed indicator flag (goes behind handle, missing, etc).
52 11 XB --	Report entry/service doors symptoms or patterns along with fault code.

ENTRY/SERVICE DOORS (SHEET 2) - LOG BOOK REPORTS

EFFECTIVITY

ALL

01

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
52 51 06 00	Cockpit door UNLKD lgt failed to extin with door locked.
52 51 01 00	Cockpit door will not release electrically.
52 51 08 00	Flt dk door switch is defective. Describe problem.
52 51 10 00	Cockpit door (seal, moulding, trim) is (loose, damaged, missing).
52 51 02 00	Cockpit door difficult to (open, close, binds). Describe problem.
52 51 03 00	Cockpit door (will not latch, latch broken, latch sticks).
52 51 04 00	Cockpit door knob (loose, came off).
52 51 05 00	Cockpit door lock (stiff, inop).
52 51 09 00	Cockpit door key (missing, doesn't fit, etc).
52 51 XA 00	Report cockpit door symptoms or patterns along with fault code.

COCKPIT DOOR – LOG BOOK REPORTS

21384

EFFECTIVITY

ALL

03

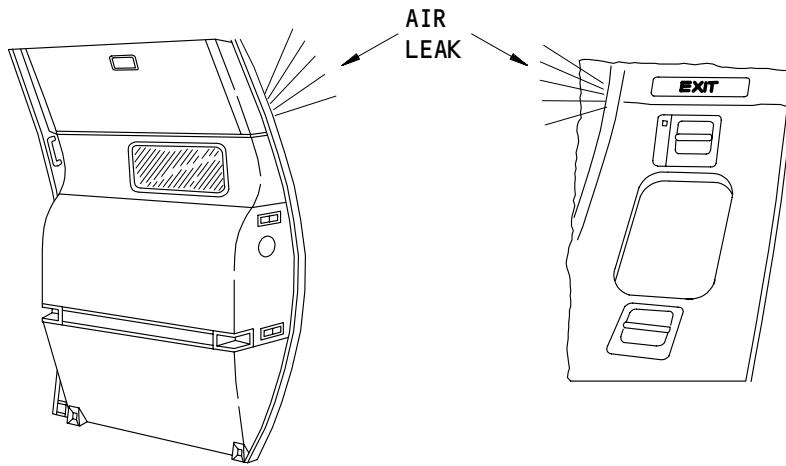
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FAULT REPORTING MANUAL

ENTRY/SERVICE DOORS

L/R OVERWING
 EMERGENCY EXIT

FAULT CODE/
 LOCATION ¹



L FWD 04
 R FWD 05
 L EMER 06
 R EMER 07
 L AFT 08
 R AFT 09
 L FWD EMER 12
 R FWD EMER 13
 L AFT EMER 14
 R AFT EMER 15

DOES DOOR HAVE EXCESSIVE
 NOISE LEVEL DUE TO LEAKAGE?

NO

NOT APPLY 00

NORMAL

ENTRY/SERVICE DOOR LEAKS (DESCRIBE AREA)

52 11 10

OVERWING EMERGENCY EXIT LEAKS (DESCRIBE AREA)

52 21 01

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE

52 11 XC

¹ AS INSTALLED

APPLICABLE CIRCUIT BREAKERS

NONE

DOOR AIR NOISE - FAULT CODES

EFFECTIVITY

ALL

04

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | 52 11 10 __ (04=L fwd, 05=R fwd, 08=L aft, 09=R aft) door has noise from air leak. (Describe area)

- | 52 21 01 __ (06=L emer, 07=R emer, 12=L fwd emer, 13=R fwd emer, 14=L aft emer, 15=R aft emer) exit has noise from air leak. (Describe area)

- 52 11 XC __ Report door air noise symptoms or patterns along with fault code.

DOOR AIR NOISE - LOG BOOK REPORTS

EFFECTIVITY

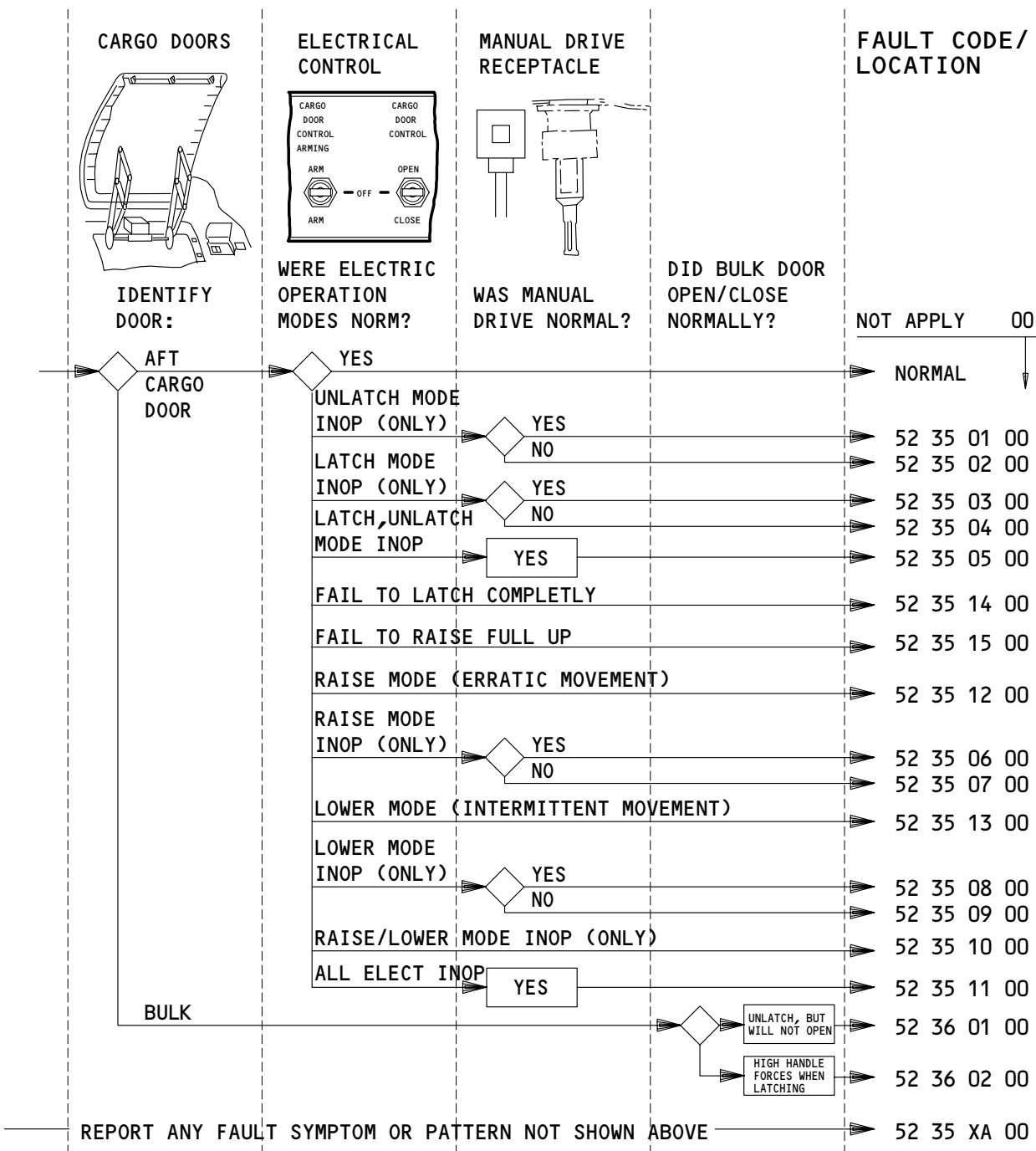
ALL

04

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APPLICABLE CIRCUIT BREAKERS

NONE

AFT AND BULK CARGO DOORS - FAULT CODES

EFFECTIVITY

ALL

07

DOORS

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BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
52 35 01 00	Aft cargo door will not unlatch electrically. Manual drive unlocks door normal. Other elec modes normal.
52 35 02 00	Aft cargo door will not unlatch electrically or with manual drive. Other elec modes normal.
52 35 03 00	Aft cargo door will not latch closed electrically. Manual drive will lock door closed. Other elec modes normal.
52 35 04 00	Aft cargo door will not latch closed electrically or manually. Other elec modes norm.
52 35 05 00	Aft cargo door will not unlatch or latch electrically. Other elec modes normal.
52 35 14 00	Aft cargo door will not latch completely.
52 35 15 00	Aft cargo door will not raise full up.
52 35 12 00	Aft cargo door has erratic movement during raise mode.
52 35 06 00	Aft cargo door will not raise electrically. Manual drive will raise door. Other elec modes normal.
52 35 07 00	Aft cargo door will not raise electrically or manually. Other elec modes normal.
52 35 13 00	Aft cargo door has intermittent movement during lower mode.
52 35 08 00	Aft cargo door will not lower electrically. Manual drive will lower door. Other elec modes normal.
52 35 09 00	Aft cargo door will not lower electrically or manually. Other elec modes normal.
52 35 10 00	Aft cargo door will not raise or lower electrically or manually. Other elec modes normal.
52 35 11 00	Aft cargo door electrical operation inop.
52 36 01 00	Bulk cargo door will unlatch, but not open.
52 36 02 00	Bulk cargo door handle requires high forces when latching door.
52 35 XA 00	Report aft and bulk cargo doors symptoms or patterns along with fault code.

AFT AND BULK CARGO DOORS – LOG BOOK REPORTS

EFFECTIVITY

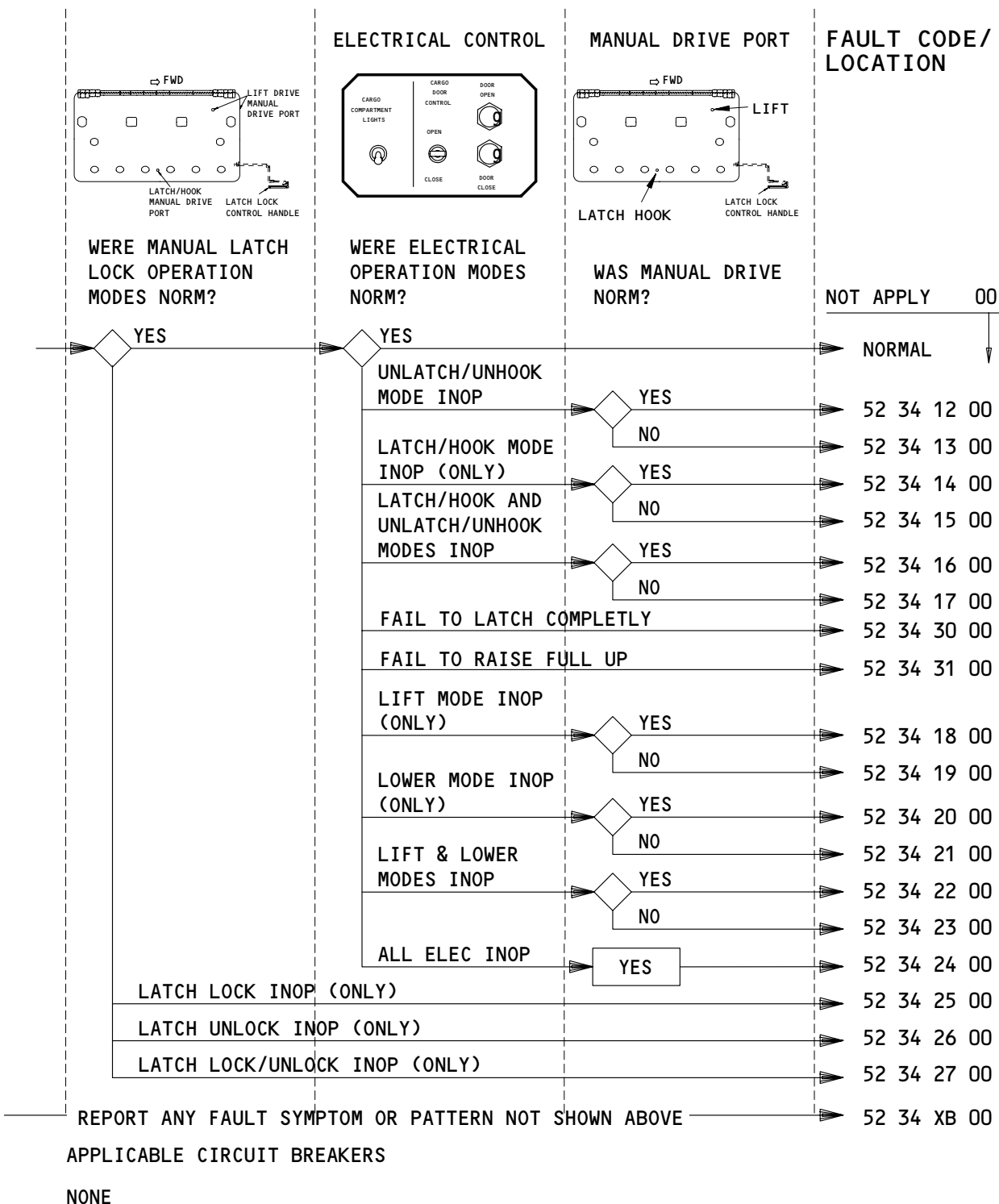
ALL

08

DOORS
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BOEING 767

FAULT REPORTING MANUAL



FORWARD CARGO DOOR - FAULT CODES

EFFECTIVITY

ALL

07

BOEING 767
 FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
52 34 12 00	Fwd cargo door will not unlatch/unhook electrically. Other elec modes normal.
52 34 13 00	Fwd cargo door will not unlatch/unhook electrically or manually.
52 34 14 00	Fwd cargo door will not latch/hook electrically. Other elec modes normal.
52 34 15 00	Fwd cargo door will not latch/hook closed electrically or manually. Other elec modes normal.
52 34 16 00	Fwd cargo door will not latch/hook closed or unlatch/unhook electrically. Other elec modes normal.
52 34 17 00	Fwd cargo door will not latch/hook closed or unlatch/unhook electrically or manually. Other elec modes normal.
52 34 30 00	Fwd cargo door will not latch completely.
52 34 31 00	Fwd cargo door will not raise full up.
52 34 18 00	Fwd cargo door will not lift electrically. Other elec modes normal.
52 34 19 00	Fwd cargo door will not lift electrically or manually. Other elec modes normal.
52 34 20 00	Fwd cargo door will not lower electrically. Other elec modes normal.
52 34 21 00	Fwd cargo door will not lower electrically or manually. Other elec modes normal.
52 34 22 00	Fwd cargo door will not lift or lower electrically. Other elec modes normal.
52 34 23 00	Fwd cargo door will not lift or lower electrically or manually. Other elec modes normal.
52 34 24 00	Fwd cargo door electrical operation inop.
52 34 25 00	Fwd cargo door will not latch lock.
52 34 26 00	Fwd cargo door will not latch unlock.
52 34 27 00	Fwd cargo door will not latch lock or latch unlock.
52 34 XB 00	Report forward cargo door symptoms or patterns along with fault code.

FORWARD CARGO DOOR – LOG BOOK REPORTS

EFFECTIVITY

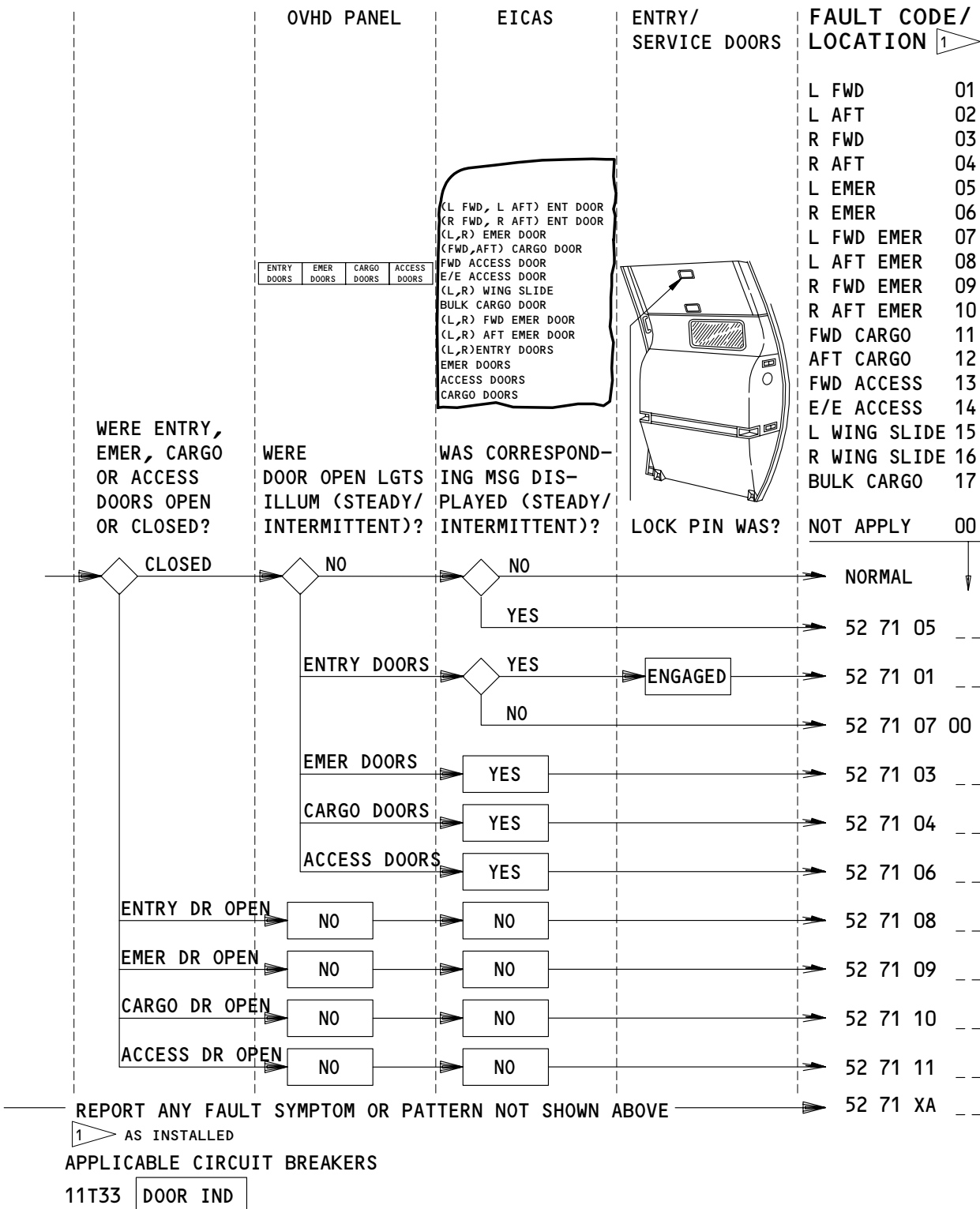
ALL

08

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FAULT REPORTING MANUAL



DOOR INDICATION - FAULT CODES

EFFECTIVITY	
ALL	

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 52 71 05 -- Corresponding EICAS msg displayed for (01=L Fwd, 02=L Aft, 03=R Fwd, 04=R Aft, 05=L Emer, 06=R Emer, 07=L Fwd Emer, 08=L Aft Emer, 09=R Fwd Emer, 10=R Aft Emer, 11=Fwd Cargo, 12=Aft Cargo, 13=Fwd Access, 14=E/E Access, 17=Bulk Cargo)door. DOOR OPEN light not illuminated.
- 52 71 01 -- ENTRY DOORS lgt illum (steady, intermittent). EICAS msg (01=L FWD, 02=L AFT, 03= R FWD, 04=R AFT) ENT DOOR displayed (steady, intermittent). Lock pin is engaged.
- 52 71 07 00 ENTRY DOORS lgt illum without associated door EICAS msg.
- 52 71 03 -- EMER DOORS lgt illum (steady, intermittent). EICAS msg (05=L EMER, 06=R EMERG, 07=L FWD EMER, 08=L AFT EMER, 09=R FWD EMER, 10=R AFT EMER, 15=L WING SLIDE, 16=R WING SLIDE) DOOR displayed (steady, intermittent).
- 52 71 04 -- CARGO DOORS lgt illum (steady, intermittent). EICAS msg (11=FWD CARGO, 12=AFT CARGO, 17=BULK CARGO) DOOR displayed (steady, intermittent).
- 52 71 06 -- ACCESS DOORS lgt illum (steady, intermittent). EICAS msg (13=FWD ACCESS DOOR, 14=E/E ACCESS DOOR) displayed (steady, intermittent).
- 52 71 08 -- EICAS msg (01=L FWD, 02=L AFT, 03=R FWD, 04=R AFT) ENT DOOR did not display with door open.
- 52 71 09 -- EICAS msg (05=L EMER, 06=R EMER, 07=L FWD EMER, 08=L AFT EMER, 09=R FWD EMER, 10=R AFT EMER, 15=L WING SLIDE, 16= R WING SLIDE) DOOR did not display with door open.
- 52 71 10 -- EICAS msg (11=FWD CARGO, 12=AFT CARGO, 17=BULK CARGO) DOOR did not display with door open.
- 52 71 11 -- EICAS msg (13=FWD ACCESS, 14=E/E ACCESS) DOOR did not display with door open.
- 52 71 XA -- Report door indication symptoms or patterns along with fault code.

DOOR INDICATION – LOG BOOK REPORTS

EFFECTIVITY

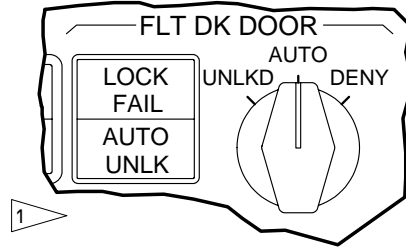
ALL

11

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FAULT REPORTING MANUAL

OVERHEAD PANEL



FAULT CODE/
LOCATION

UNLK	01
AUTO	02
DENY	03
ALL	04

WAS FLIGHT DECK DOOR CONTROL PANEL OPERATION NORMAL?

NOT APPLY 00

YES

DOOR LOCK FAIL LIGHT ABNORMAL

NORMAL

DOOR AUTO UNLOCK LIGHT ABNORMAL

52 51 11 00


DOOR LOCK CONTROL SELECTOR ABNORMAL

52 51 12 00

52 51 13 --

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE

52 51 XB --

 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS

NONE

FLIGHT DECK DOOR CONTROL PANEL - FAULT CODES

EFFECTIVITY

ALL

03

DOORS

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

52 51 11 00 Flight Deck Door LOCK FAIL light (inop, door locked, etc).
52 51 12 00 Flight Deck Door AUTO UNLK light operation abnormal.
52 51 13 __ Flight Deck Door Lock Selector operation abnormal.
52 51 XB __ Report flight deck door control panel symptoms or patterns along with
fault code.

FLIGHT DECK DOOR CONTROL PANEL – LOG BOOK REPORTS

EFFECTIVITY

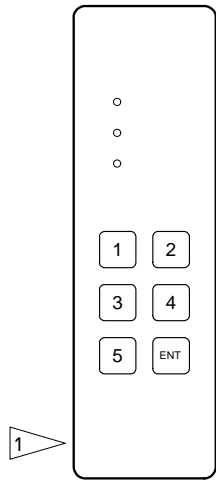
ALL

03

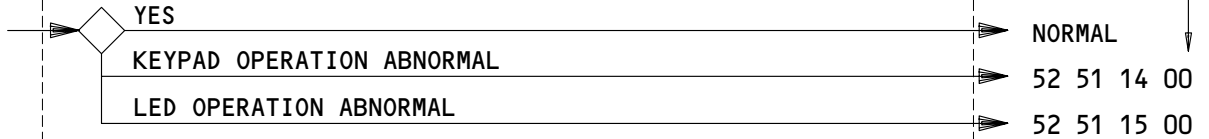
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FAULT CODE/
 LOCATION



WAS FLIGHT DECK ACCESS PANEL OPERATION NORMAL?



REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE → 52 51 XC 00

1 AS INSTALLED

APPLICABLE CIRCUIT BREAKERS

NONE

FLIGHT DECK ACCESS PANEL – FAULT CODES

EFFECTIVITY

ALL

03

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

52 51 14 00 Flight Deck Access Panel Keypad (access code, specify key) operation abnormal.

52 51 15 00 Flight Deck Access Panel (red, amber, green) LED operation abnormal.

52 51 XC 00 Report flight deck access panel symptoms or patterns along with fault code.

FLIGHT DECK ACCESS PANEL - LOG BOOK REPORTS

EFFECTIVITY

ALL

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 FAULT REPORTING MANUAL

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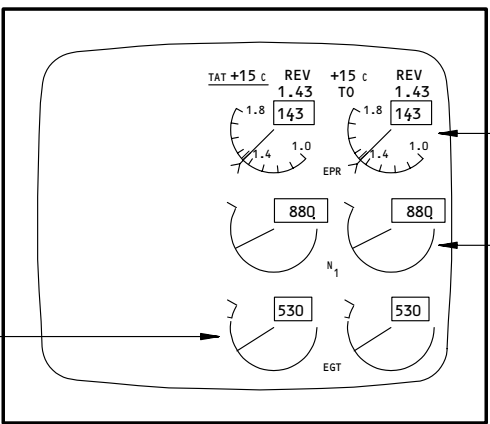
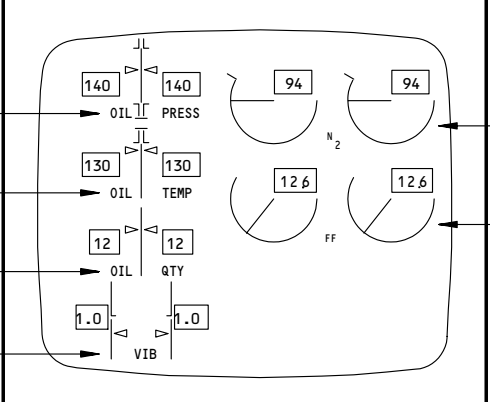
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(L, R) ENG A/O VAL	78
(L, R) ENG ANTI-ICE ICE & RAIN PROTECTION	
(L, R) ENG CONTROL	10
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(L, R) ENG EEC MODE	10
(L, R) ENG FUEL FILT	78
(L, R) ENG FUEL VAL	62,76
(L, R) ENG LIM PROT	10
(L, R) ENG LOW IDLE	18
(L, R) ENG OIL PRESS	56
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(L, R) SCAV TEMP 2	54B

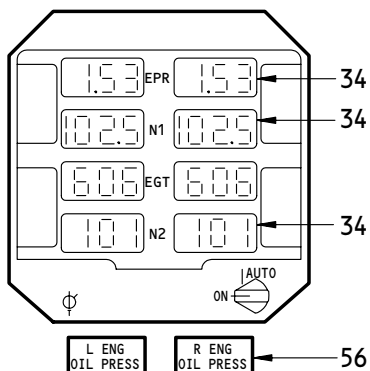
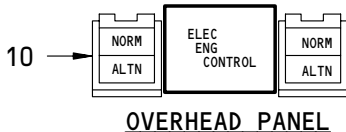
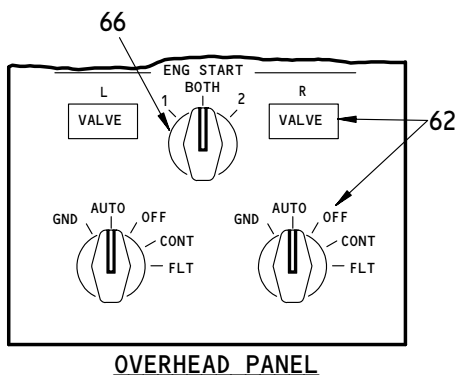
EICAS MESSAGES

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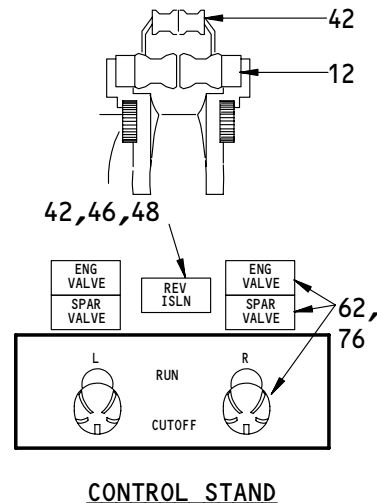
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<p>EXCEEDED LIMITS (EXCEPT STARTING) 14</p> <p>FLAMEOUT 20</p> <p>IMPENDING HOT START/ HOT START 72</p> <p>IND FAULT 34</p> <p>NO EGT RISE/WET START 66</p> <p>PARAMETERS ABNORM 16</p> <p>SURGE (STALL) 26</p>		<p>AUTO ACCEL 4</p> <p>FLUCTUATES 22</p> <p>IND FAULT 34</p> <p>THRUST LOSS (AUTO DECEL) 36</p> <p>T.O. POWER LOW 30</p> <p>REV POWER HIGH/LOW 44</p> <p>PARAMETERS ABNORM ..16</p>
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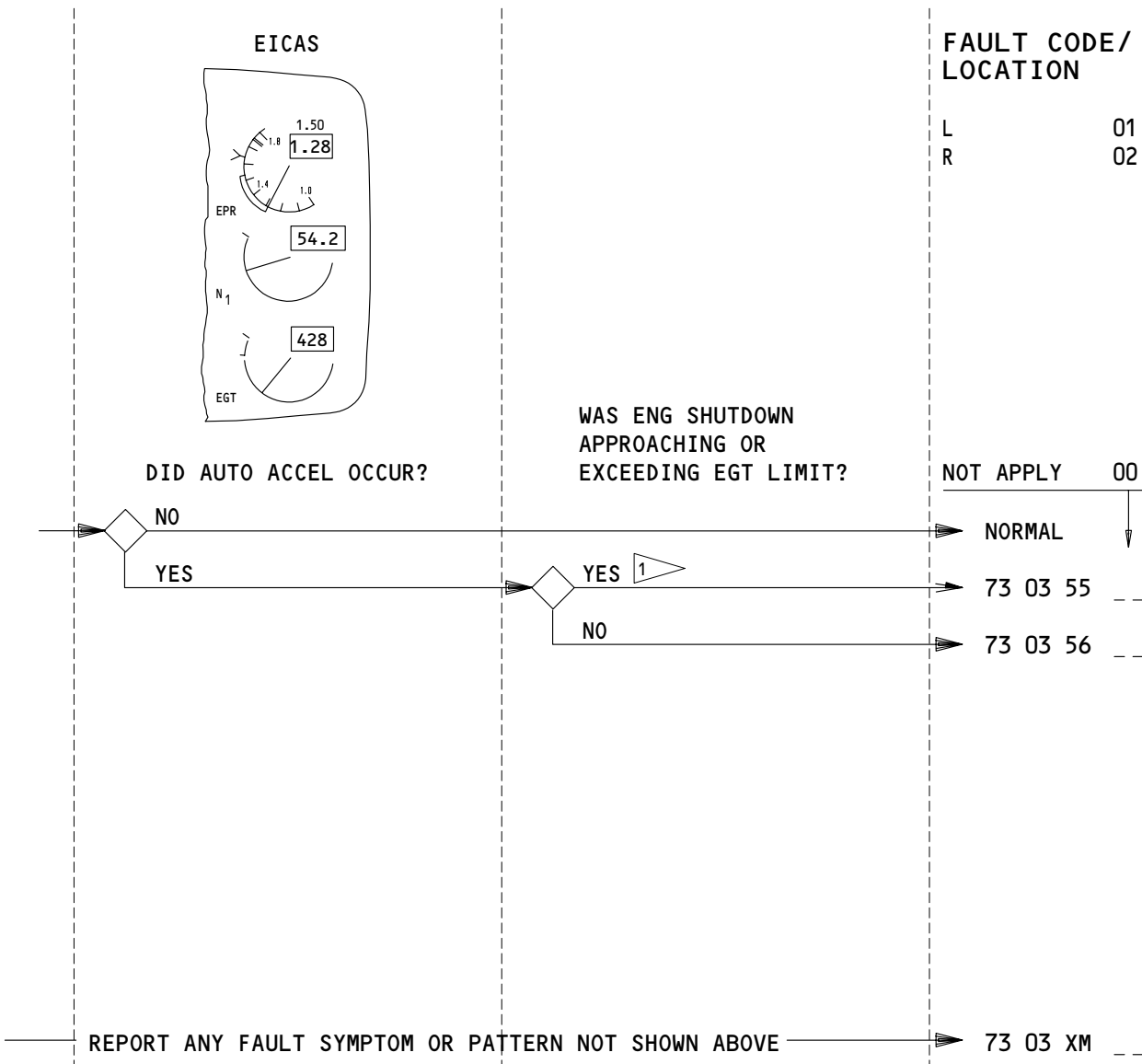
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1 IF EGT LIMIT EXCEEDED, ALSO SEE "EGT EXCEEDED LIMITS (EXCEPT STARTING)" FAULT CODES,

APPLICABLE CIRCUIT BREAKERS
NONE

AUTO ACCEL - FAULT CODES

EFFECTIVITY
PW4000 SERIES ENGINE

288545

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

73 03 55 __ (01=L, 02=R) eng auto accel. Eng was (approaching, exceeded) limits & was shutdown.

73 03 56 __ (01=L, 02=R) eng auto accel. Eng was (approaching, exceeded) limits & was not shutdown.

| 73 03 XM __ Report auto accel symptoms or pattern along with fault code.

AUTO ACCEL - LOG BOOK REPORTS

EFFECTIVITY

PW4000 SERIES ENGINE

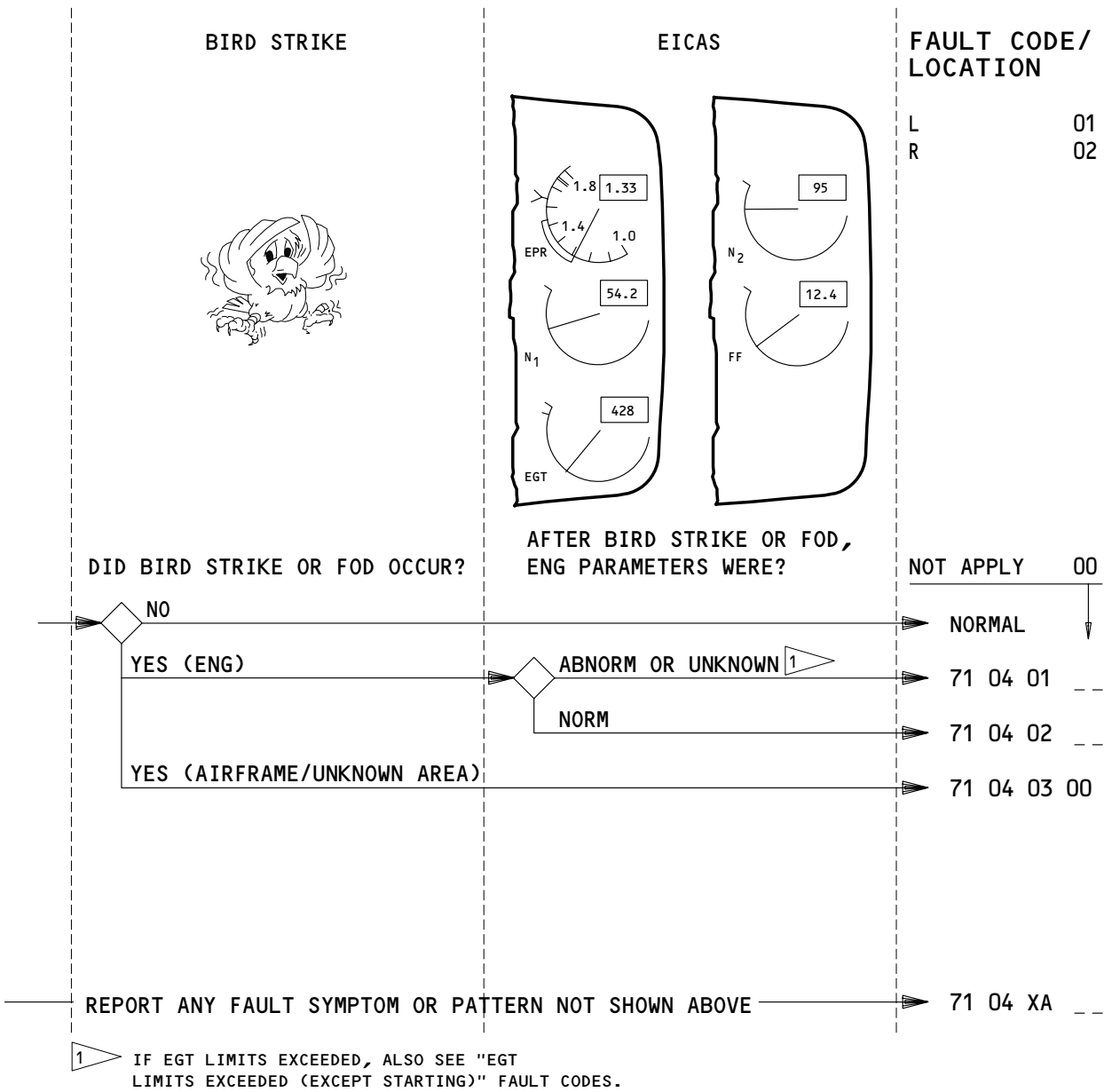
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APPLICABLE CIRCUIT BREAKERS

NONE

BIRD STRIKE/FOD – FAULT CODES

EFFECTIVITY
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FAULT REPORTING MANUAL

FAULT CODE

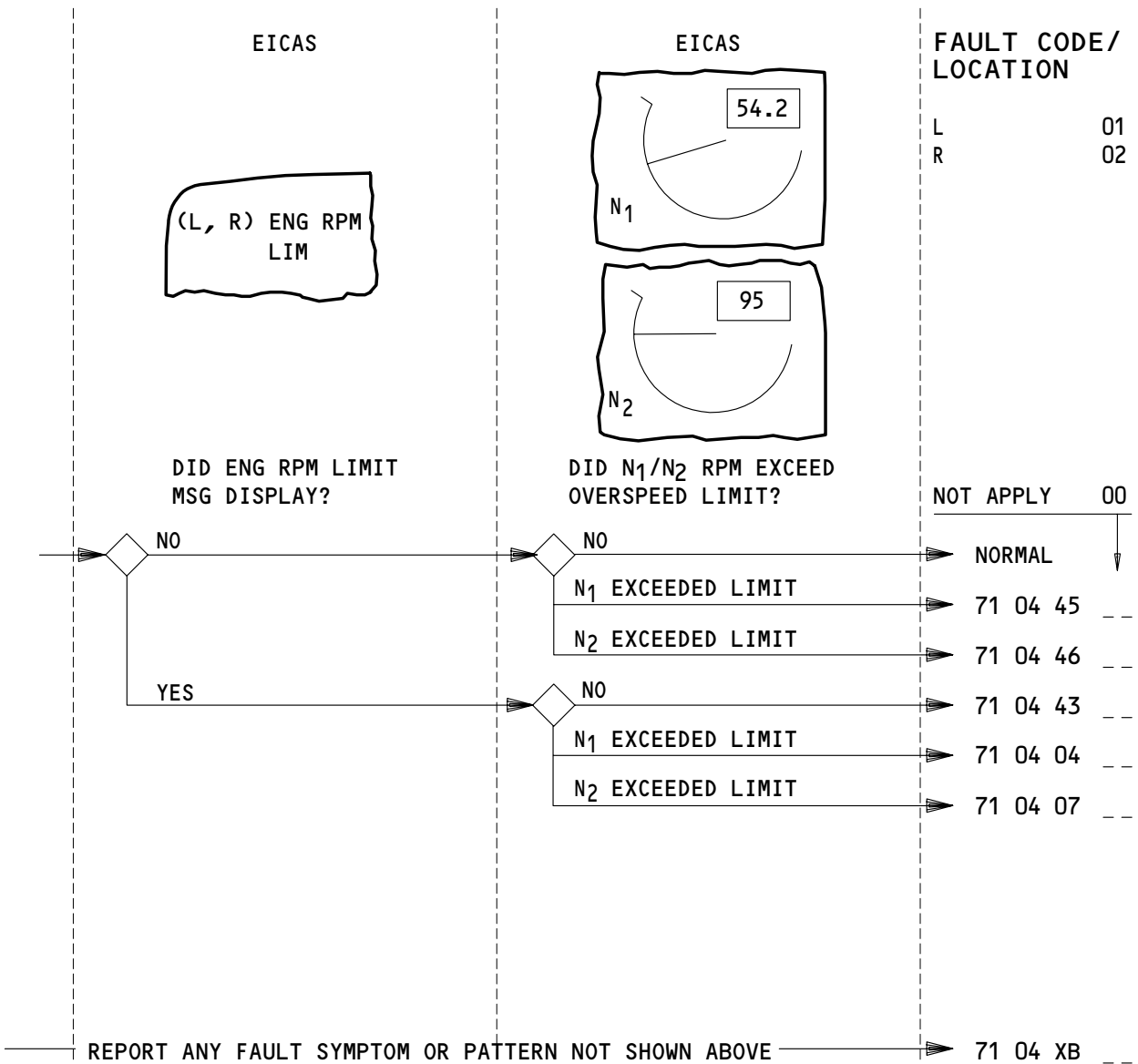
LOG BOOK REPORT

- 71 04 01 __ (01=L, 02=R) eng had (bird strike, FOD). Eng parameters were (abnorm, not checked).
- 71 04 02 __ (01=L, 02=R) eng had (bird strike, FOD). Eng parameters were norm.
- 71 04 03 00 (Bird strike, FOD) on (airframe, area unknown).
- 71 04 XA __ Report bird strike/fod symptoms or patterns along with fault code.

BIRD STRIKE/FOD - LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

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APPLICABLE CIRCUIT BREAKERS

NONE

ENGINE OVERSPEED - FAULT CODES

EFFECTIVITY
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FAULT REPORTING MANUAL

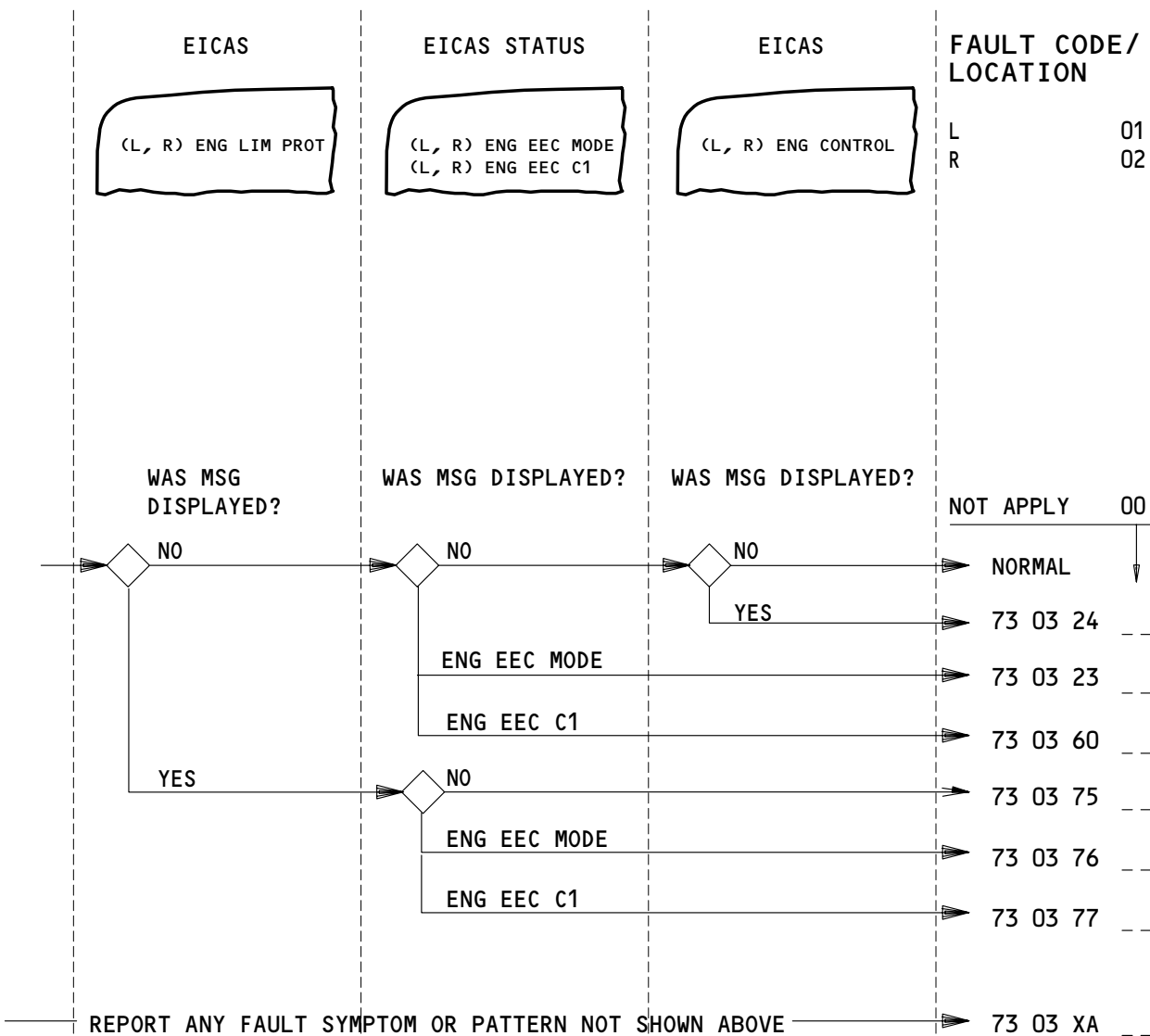
FAULT CODE	LOG BOOK REPORT
71 04 45 --	(01=L, 02=R) eng N1 RPM exceeded limit. EICAS msg ENG RPM LIM not displayed.
71 04 46 --	(01=L, 02=R) eng N2 RPM exceeded limit. EICAS msg ENG RPM LIM not displayed.
71 04 43 --	EICAS msg (01=L, 02=R) ENG RPM LIMIT displayed and eng (N1, N2) RPM did not exceed limit.
71 04 04 --	(01=L, 02=R) eng N1 RPM exceeded max limit.
71 04 07 --	(01=L, 02=R) eng N2 RPM exceeded max limit.
71 04 XB --	Report engine overspeed symptoms or patterns along with fault code.

ENGINE OVERSPEED - LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767

FAULT REPORTING MANUAL



1 (L,R) ENG LIM PROT WILL DISPLAY IF EEC ALTN MODE IS MANUALLY OR AUTOMATICALLY SELECTED AND THRUST LEVER ANGLE IS ABOVE 52 DEGRESS.

APPLICABLE CIRCUIT BREAKERS

11C27	ENG EEC CHAN A L
11C28	ENG EEC CHAN A R

ELECTRONIC ENGINE CONTROL – FAULT CODES

EFFECTIVITY
PW4000 SERIES ENGINE

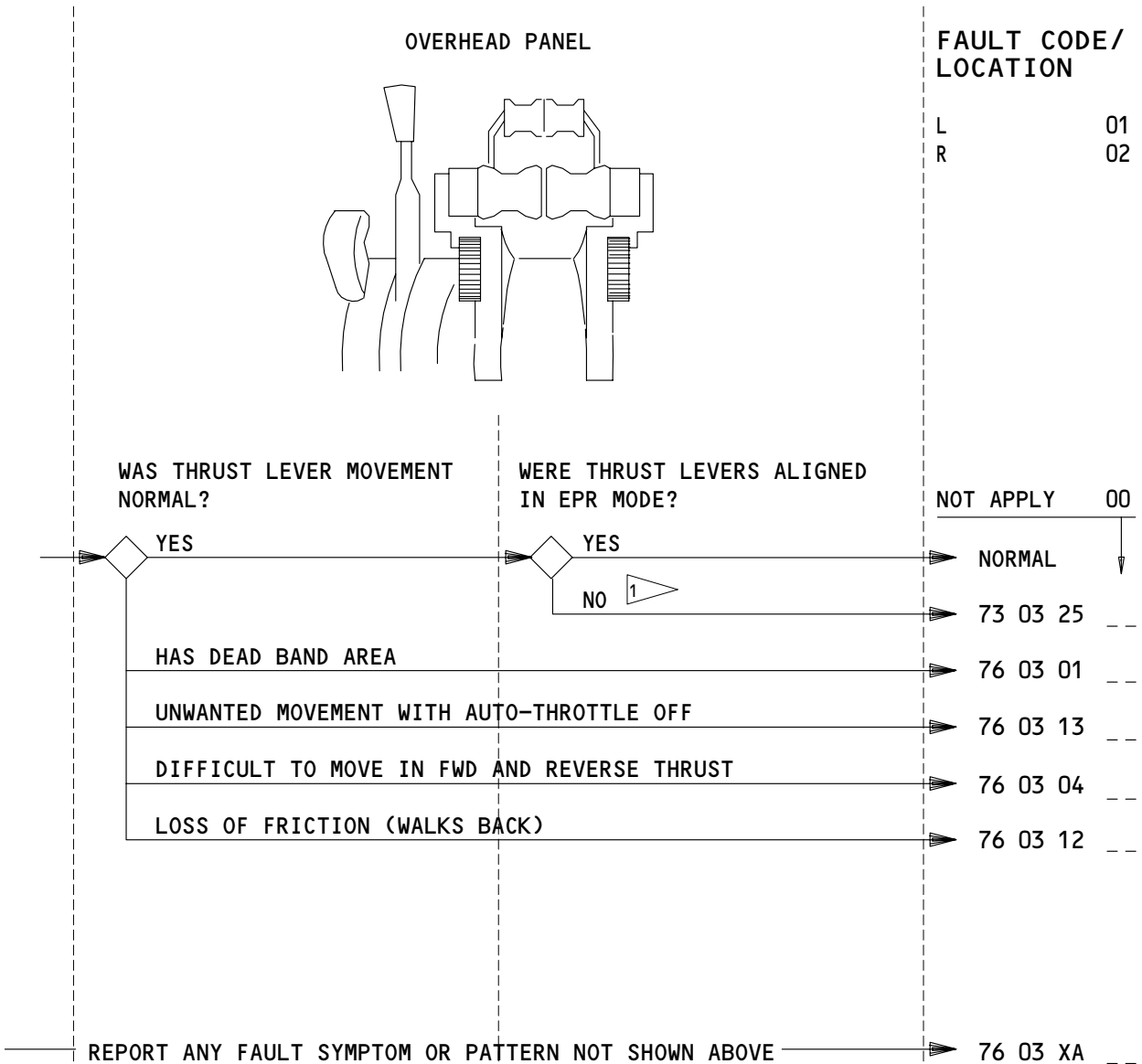
BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
73 03 24 __	EICAS msg (01=L, 02=R) ENG CONTROL displayed.
73 03 23 __	EICAS msg(01=L, 02=R) ENG EEC MODE displayed.
73 03 60 __	EICAS msg (01=L, 02=R) ENG EEC C1 displayed.
73 03 75 __	EICAS msg (01=L, 02=R) ENG LIM PROT displayed.
73 03 76 __	EICAS msgs (01=L, 02=R) ENG LIM PROT and (L, R) ENG EEC MODE displayed.
73 03 77 __	EICAS msgs (01=L, 02=R) ENG LIM PROT and (L, R) ENG EEC C1 displayed.
73 03 XA __	Report electronic engine control symptoms or patterns along with fault code.

ELECTRONIC ENGINE CONTROL – LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL



¹ IF ENG PARAMETERS NOT NORM, SEE "ENGINE PARAMETERS ABNORMAL" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS

11C27	ENG EEC CHAN A L
11C28	ENG EEC CHAN A R

THRUST LEVER MOVEMENT - FAULT CODES

EFFECTIVITY
 PW4000 SERIES ENGINE

PW4000 POWER PLANT

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 73 03 25 __ Eng thrust levers misaligned in NORM mode. Thrust levers split ____
knobs apart. (01=L, 02=R) Thrust lever lags.
- 76 03 01 __ (01=L, 02=R) eng thrust lever has dead band area.
- 76 03 13 __ (01=L, 02=R) eng thrust lever has unwanted movement with auto-throttle
OFF.
- 76 03 04 __ (01=L, 02=R) eng thrust lever difficult to move in fwd and reverse
thrust.
- 76 03 12 __ (01=L, 02=R) eng thrust lever has loss of friction. Walks back.
- | 76 03 XA __ Report thrust lever movement symptoms or patterns along with fault code.

THRUST LEVER MOVEMENT - LOG BOOK REPORTS

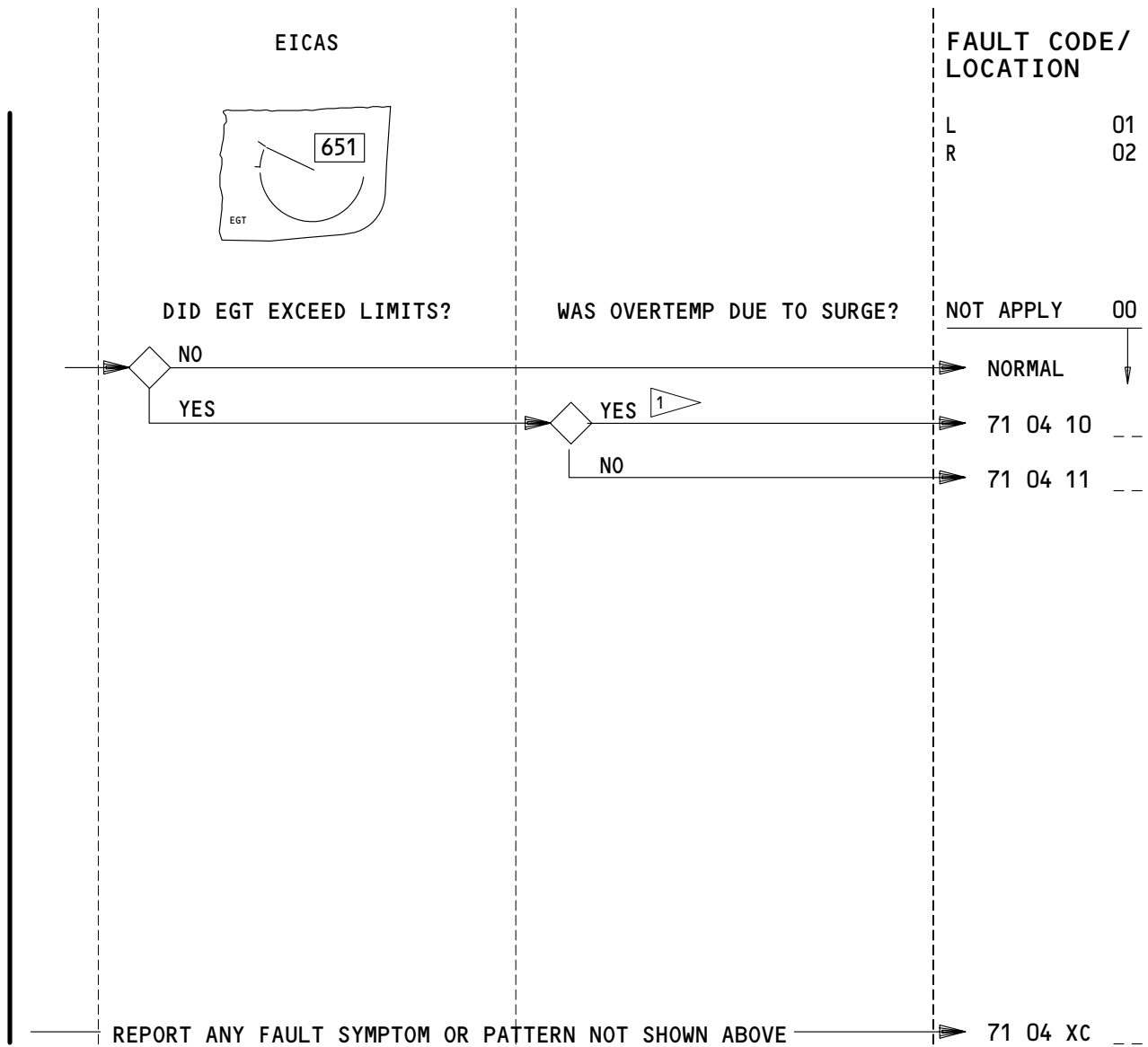
EFFECTIVITY
PW4000 SERIES ENGINE

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PW4000 POWER PLANT

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BOEING 767
FAULT REPORTING MANUAL



1 IF OVERTEMP WAS CAUSED BY SURGE, ALSO SEE "SURGE (STALL)" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS

NONE

EGT EXCEEDED LIMITS (EXCEPT STARTING) - FAULT CODES

EFFECTIVITY
 PW4000 SERIES ENGINE

PW4000 POWER PLANT

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

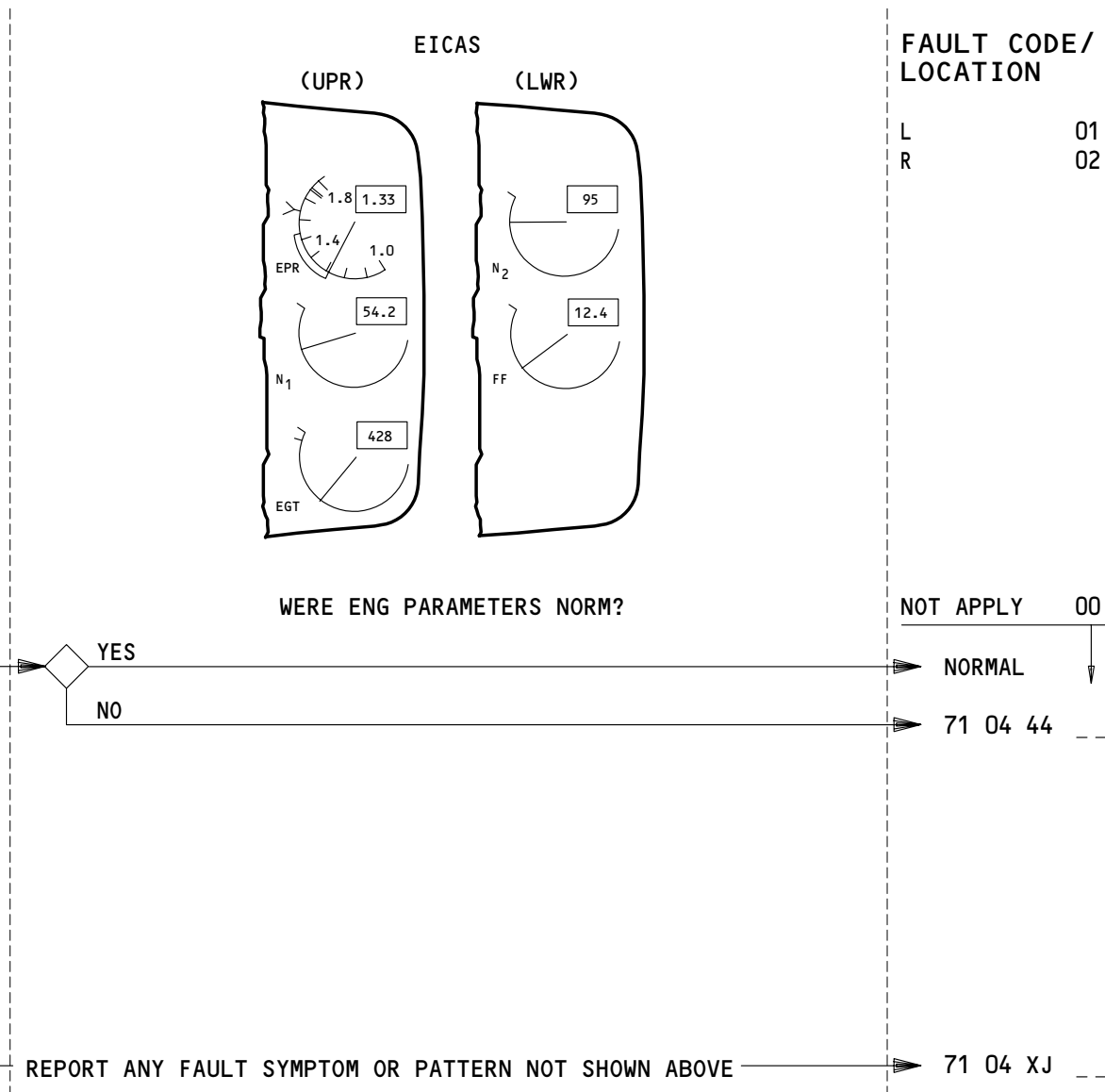
- 71 04 10 __ (01=L, 02=R) eng exceeded EGT limits during surge.
- 71 04 11 __ (01=L, 02=R) eng exceeded EGT limits. This did not occur during surge.
- 71 04 XC __ Report EGT exceeded limits (except starting) symptoms or patterns along with fault code.

EGT EXCEEDED LIMITS (EXCEPT STARTING) - LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11L3	LEFT ENGINE PERF SOL CHANNEL A
11L4	LEFT ENGINE PERF SOL CHANNEL B
11L30	RIGHT ENGINE PERF SOL CHANNEL A
11L31	RIGHT ENGINE PERF SOL CHANNEL B

RECORD ENG DATA

ENG	L	R	ALT _____
EPR			MACH _____
N1			AIRSPEED _____
EGT			TAT _____ °C
N2			
F/F			

ENGINE PARAMETERS ABNORMAL – FAULT CODES

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

| 71 04 44 __ (01=L, 02=R) eng parameters abnorm. (Record eng data).

71 04 XJ __ Report engine parameters abnormal symptoms or patterns along with
fault codes.

ENGINE PARAMETERS ABNORMAL - LOG BOOK REPORTS

EFFECTIVITY

PW4000 SERIES ENGINE

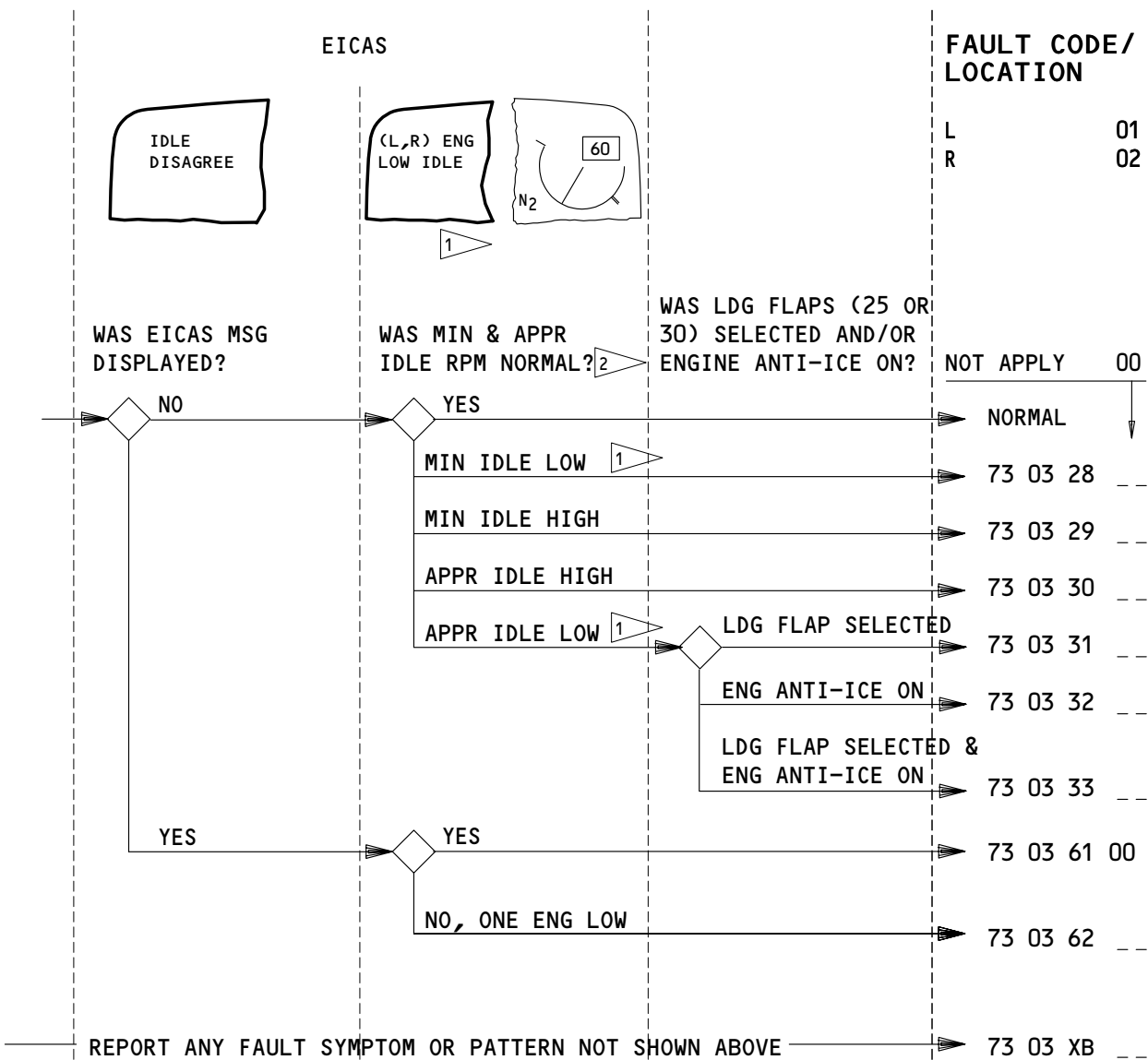
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FAULT REPORTING MANUAL



1 EICAS MSG (L,R) ENG LOW IDLE WILL DISPLAY IF ENGINE IS RUNNING & N1 RPM DROPS TO 42% OR BELOW INFLIGHT, ABOVE 10,000 FT ALT., OR 37% BELOW 10,000 FT ALT, ANTI-ICE ON AND 6 SEC TIME ELAPSED.

2 MIN IDLE ON GROUND ONLY, AS INSTALLED

APPLICABLE CIRCUIT BREAKERS

11M6	LEFT ENGINE IDLE CONT
11M33	RIGHT ENGINE IDLE CONT

IDLE RPM LOW/HIGH - IDLE DISAGREE - FAULT CODES

EFFECTIVITY
PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL

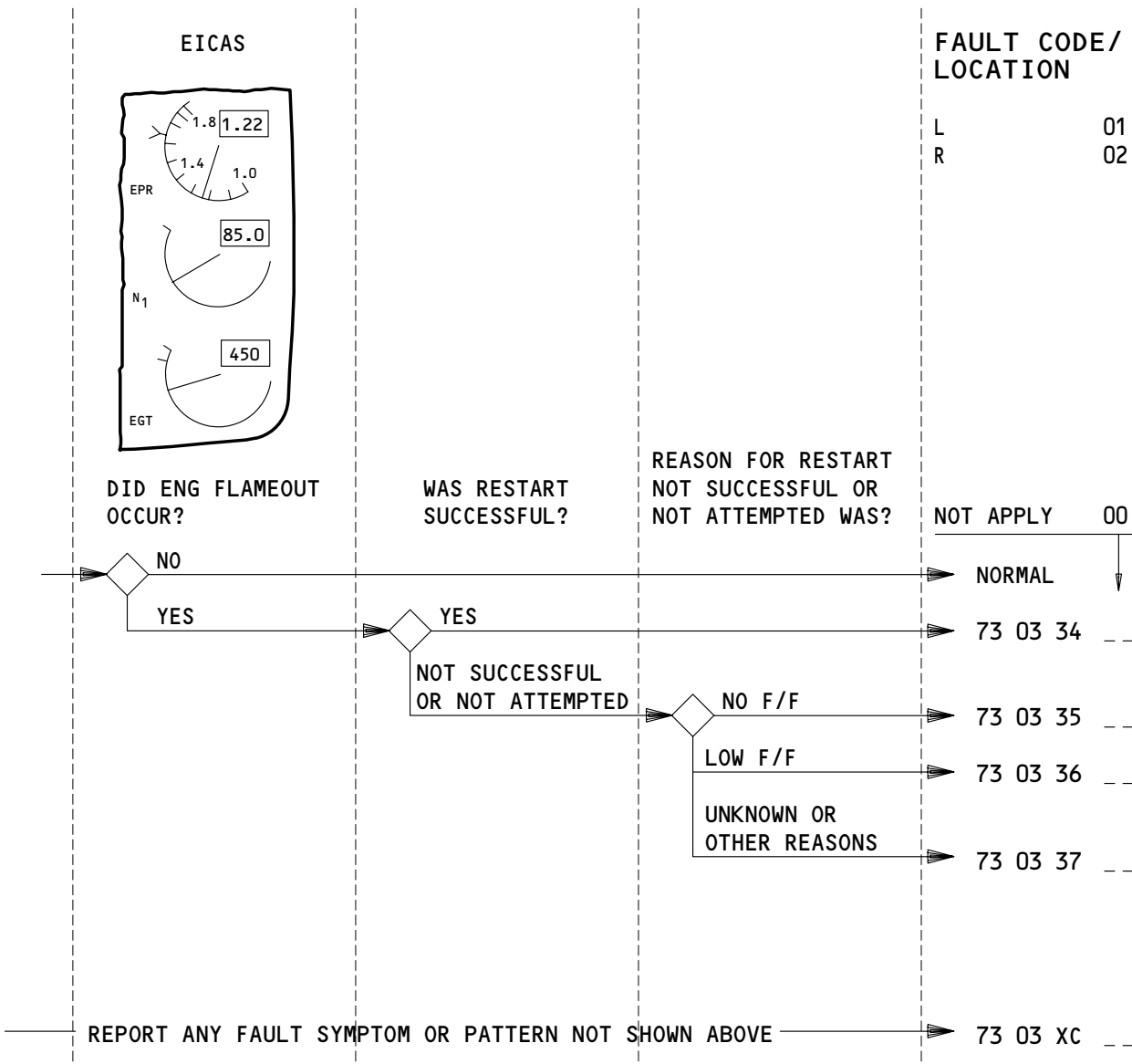
FAULT CODE	LOG BOOK REPORT
73 03 28 __	(01=L, 02=R) eng min idle rpm low __%N2.
73 03 29 __	(01=L, 02=R) eng min idle rpm high __%N2.
73 03 30 __	(01=L, 02=R) eng appr idle rpm high __%N2.
73 03 31 __	(01=L, 02=R) eng appr idle rpm low __%N2, with ldg flaps selected.
73 03 32 __	(01=L, 02=R) eng appr idle rpm low __%N2, with eng anti-ice on.
73 03 33 __	(01=L, 02=R) eng appr idle rpm low __%N2, with ldg flap selected and eng anti-ice on.
73 03 61 00	EICAS msg IDLE DISAGREE displayed. Both eng min & appr idle rpm normal.
73 03 62 __	EICAS IDLE DISAGREE displayed. (L, R) eng min/appr idle rpm low.
73 03 XB __	Report idle rpm low/high symptoms or patterns along with fault code.

IDLE RPM LOW/HIGH - IDLE DISAGREE - LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767

FAULT REPORTING MANUAL



RECORD ENG DATA & FLIGHT CONDITIONS

<u>ENG DATA</u>	<u>FLT CONDITIONS</u>
FUEL TEMP _____ °C	ALT _____ FT
EPR _____	TAT _____ °C
F/F _____	AIRSPEED _____ KIAS
ENG ACCEL/DECEL/ CONSTANT POWER	ICING/TURB

APPLICABLE CIRCUIT BREAKERS

NONE

FLAMEOUT – FAULT CODES

EFFECTIVITY

PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

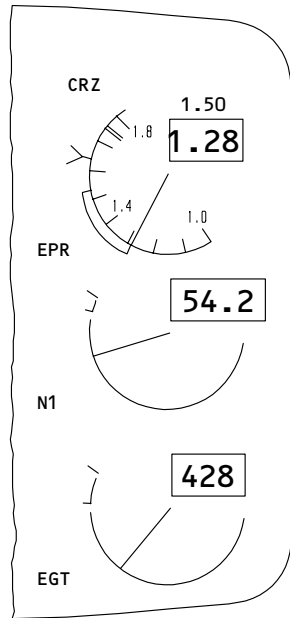
FAULT CODE	LOG BOOK REPORT
73 03 34 __	(01=L, 02=R) eng flameout, operated norm after restart.
73 03 35 __	(01=L, 02=R) eng flameout. Restart was not successful due to zero F/F.
73 03 36 __	(01=L, 02=R) eng flameout. Restart was not successful due to low F/F.
73 03 37 __	(01=L, 02=R) eng flameout. Restarting not (attempted, successful). (Note reason for no restart)
73 03 XC __	Report flameout symptoms or patterns along with fault code.

FLAME OUT - LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

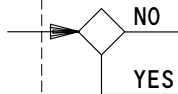
EICAS



**FAULT CODE/
 LOCATION**

L 01
 R 02

DID PWR FLUCTUATE AT CONSTANT THRUST SETTING?



NOT APPLY 00

NORMAL

73 03 38

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE

73 03 XD

APPLICABLE CIRCUIT BREAKERS

NONE

POWER FLUCTUATES - FAULT CODES

EFFECTIVITY

PW4000 SERIES ENGINE

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

73 03 38 __ (01=L, 02=R) eng power fluctuates at a constant thrust setting.

73 03 XD __ Report power fluctuates symptoms or patterns along with fault codes.

POWER FLUCTUATES - LOG BOOK REPORTS

EFFECTIVITY

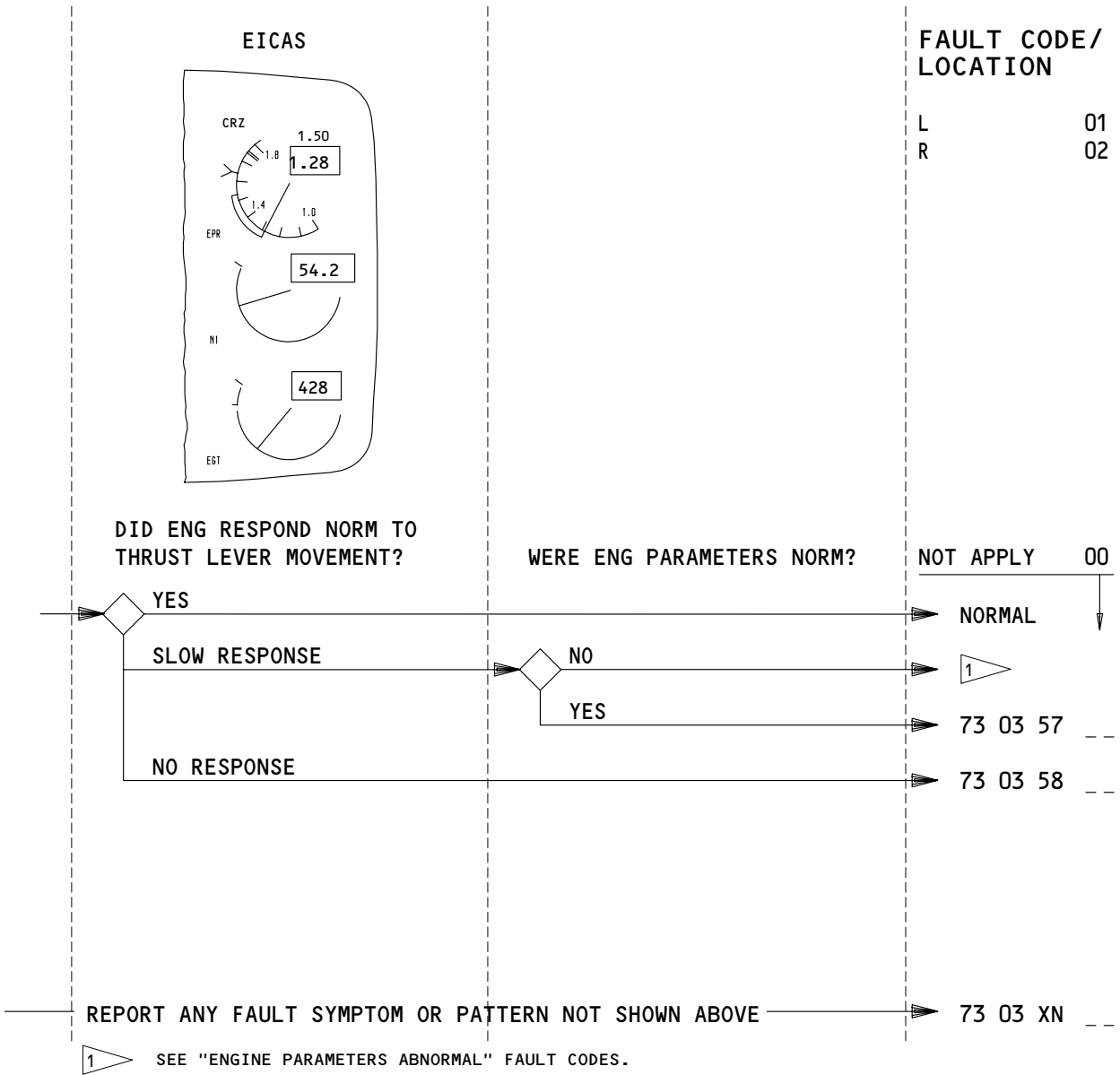
PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS
 NONE

ENGINE RESPONSE TO THRUST LEVER MOVEMENT – FAULT CODES

EFFECTIVITY
 PW4000 SERIES ENGINE

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

73 03 57 __ (01=L, 02=R) eng slow response to thrust lever movement.

73 03 58 __ (01=L, 02=R) eng no response to thrust lever movement.

| 73 03 XN __ Report engine response to thrust lever movement symptoms or patterns along with fault code.

ENGINE RESPONSE TO THRUST LEVER MOVEMENT – LOG BOOK REPORTS

EFFECTIVITY

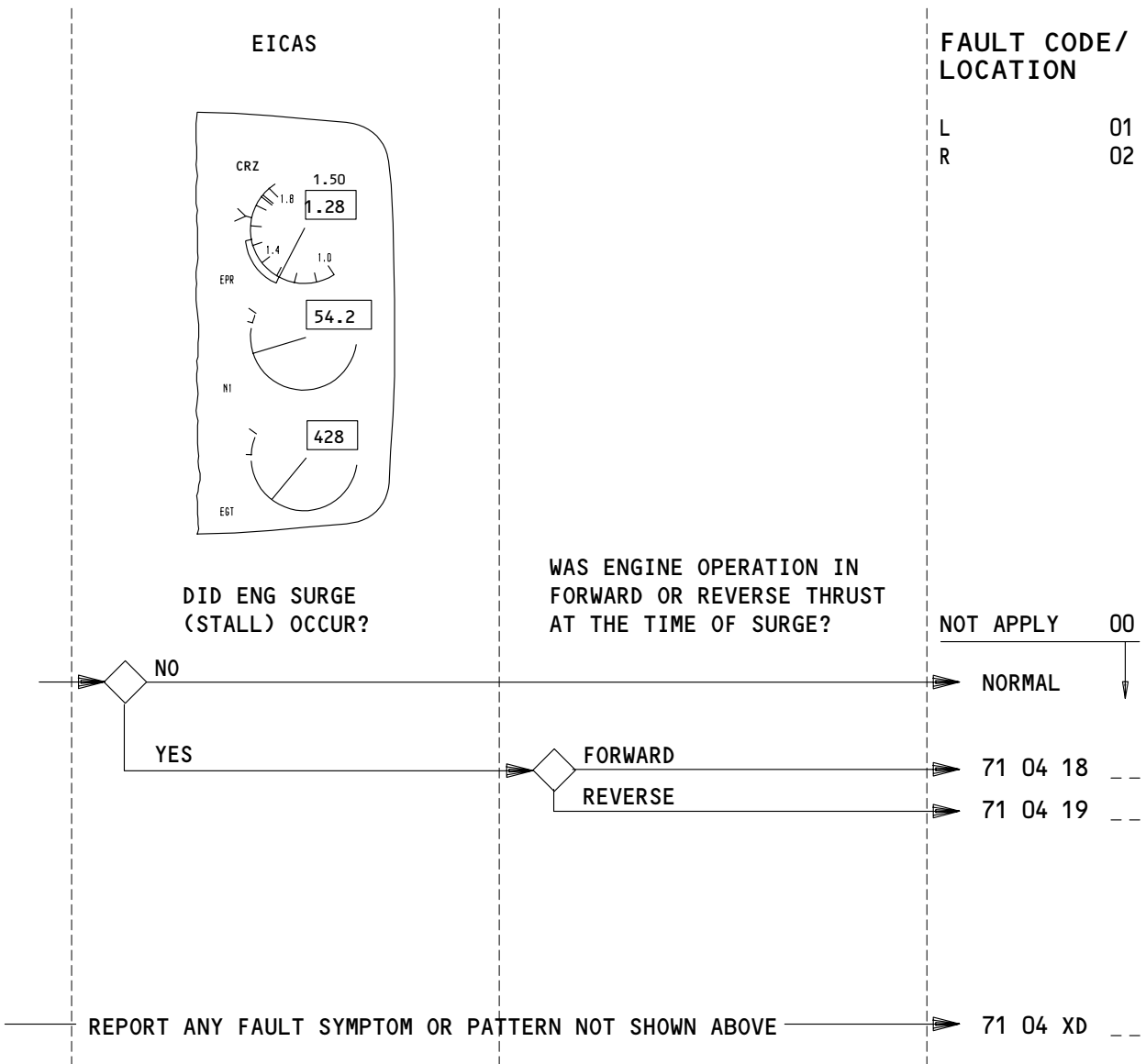
PW4000 SERIES ENGINE

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BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

NONE

SURGE (STALL) - FAULT CODES

EFFECTIVITY
 PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

| 71 04 18 __ (01=L, 02=R) eng surge during forward thrust.

| 71 04 19 __ (01=L, 02=R) eng surge during reverse thrust.

71 04 XD __ Report surge (stall) symptoms or patterns along with fault code.

SURGE (STALL) - LOG BOOK REPORTS

EFFECTIVITY

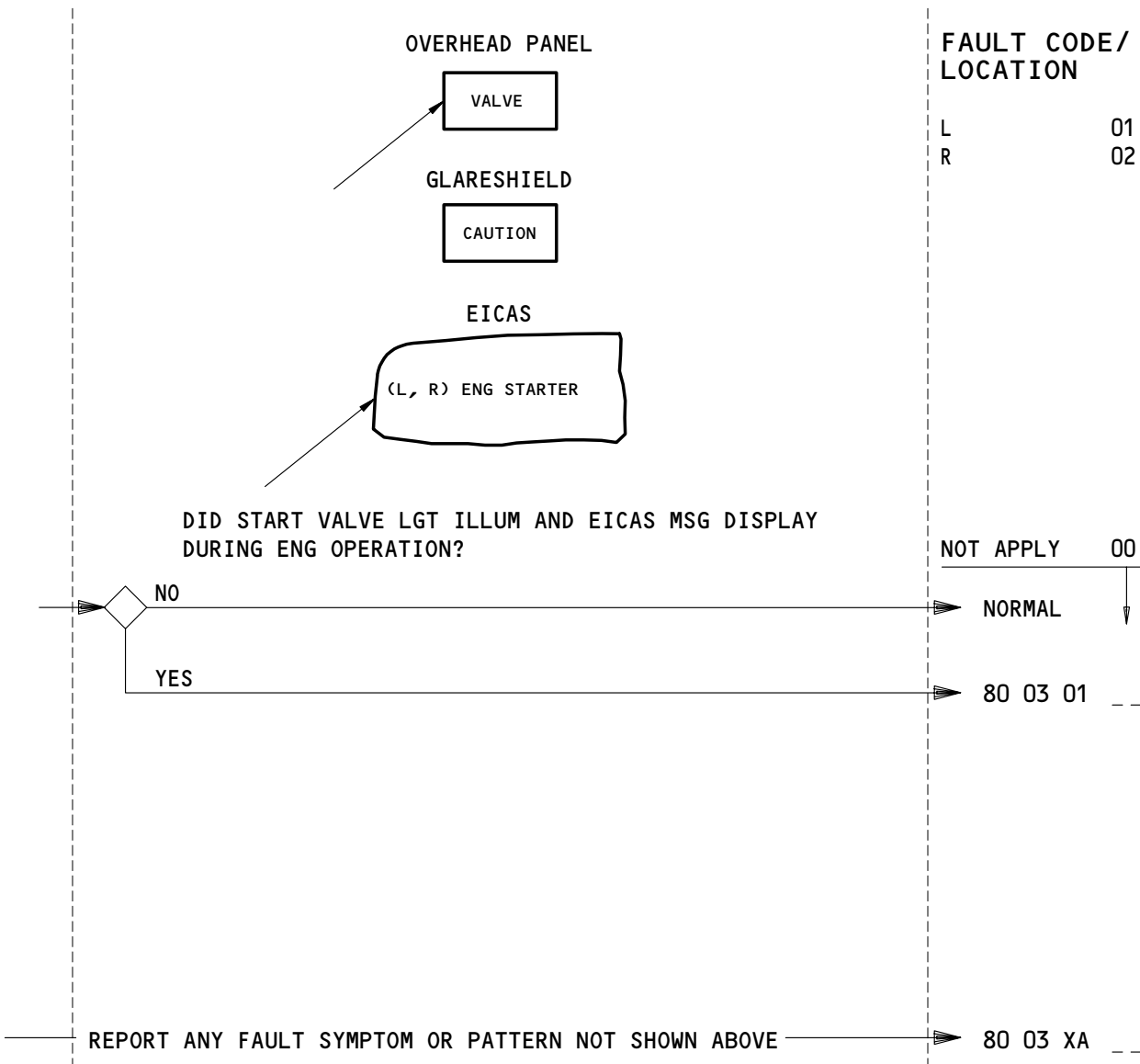
PW4000 SERIES ENGINE

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BOEING 767
 FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11D19	START CONT L
11D20	START CONT R

START VALVE LGT ILLUM (ENG OPERATING) - FAULT CODES

EFFECTIVITY
 PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

80 03 01 -- (01=L, 02=R) start VALVE lgt illum and EICAS msg (L, R) ENG STARTER displayed during eng operation.

80 03 XA -- Report start valve lgt illum (eng operating) symptoms or patterns along with fault code.

START VALVE LGT ILLUM (ENG OPERATING) - LOG BOOK REPORTS

EFFECTIVITY

PW4000 SERIES ENGINE

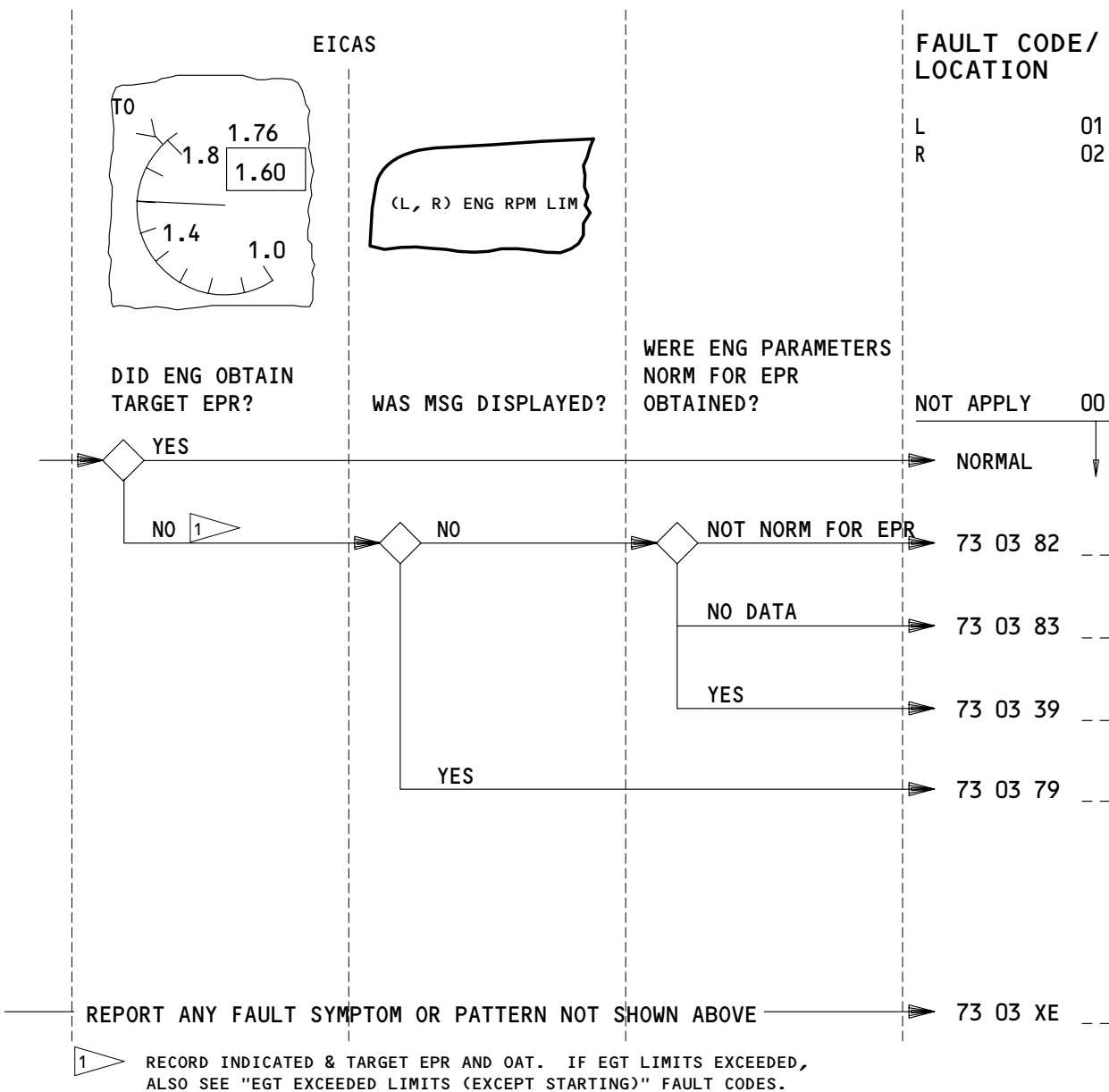
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BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11D17	EEC DISCRETES L
11M5	LEFT ENG EEC DISCRETES
11M32	RIGHT ENG EEC DISCRETES

TARGET EPR LOW - FAULT CODES

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | 73 03 82 __ (01=L, 02=R) eng did not obtain target EPR. Eng parameters were not normal for EPR obtained.
- | 73 03 83 __ (01=L, 02=R) eng did not obtain target EPR. No eng parameters available.
- | 73 03 39 __ (01=L, 02=R) eng did not obtain target EPR. Eng parameters were normal for EPR obtained.
- | 73 03 79 __ (01=L, 02=R) eng did not obtain target EPR. EICAS msg (L, R) ENG RPM LIM displayed.

- 73 03 XE __ Report takeoff thrust low symptoms or patterns along with fault code.

| TARGET EPR LOW - LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

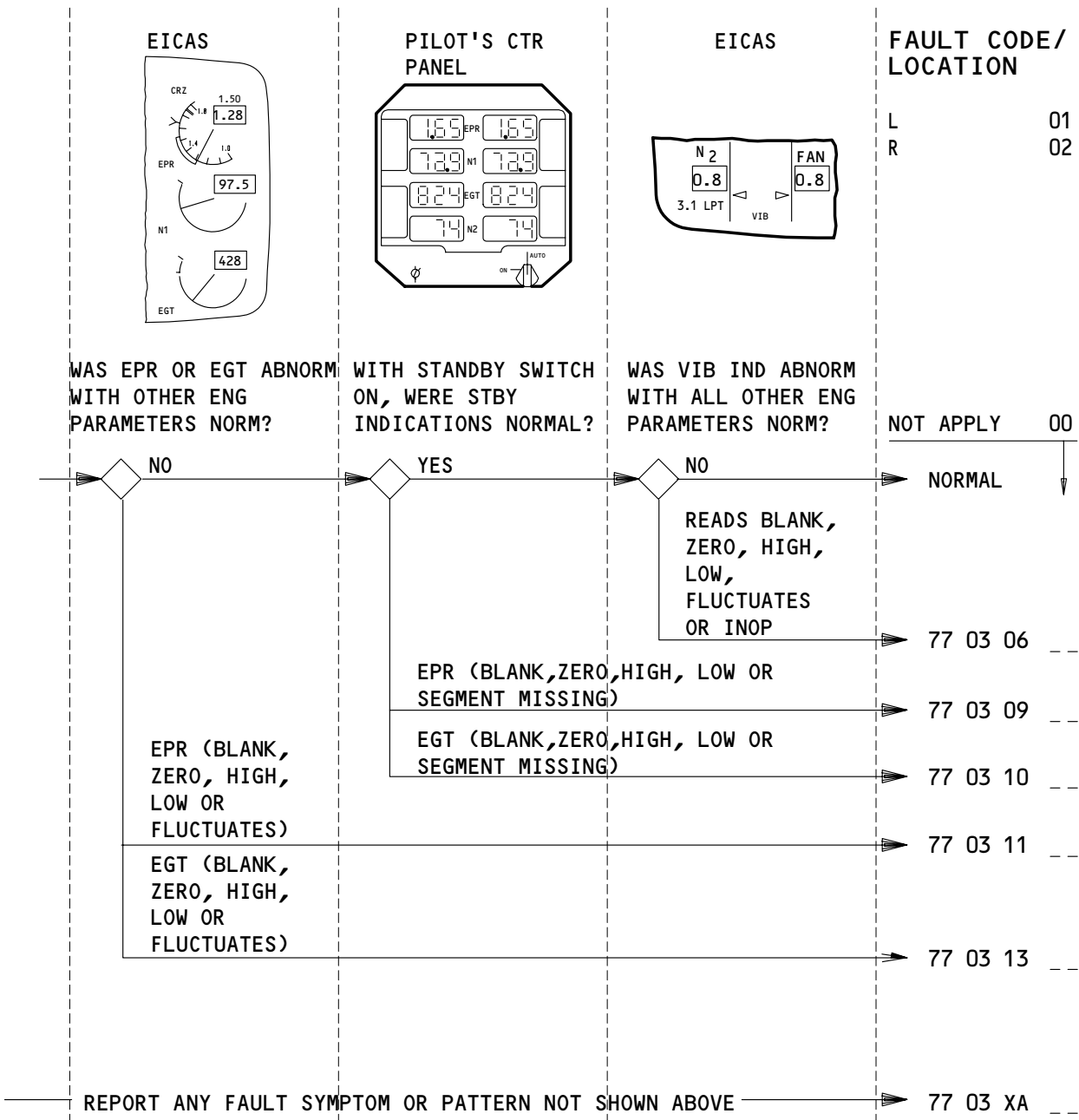
FAULT CODE	LOG BOOK REPORT
71 04 20 --	(01=L, 02=R) eng vibration high. Other eng indication were abnorm. (Describe abnorm indications)
71 04 21 --	(01=L, 02=R) eng vibration high. Other eng indications were norm & vibration did not change with thrust lever movement.
71 04 22 --	(01=L, 02=R) eng vibration high. Other eng indications were norm & vibration indication change with thrust lever movement.
71 04 XE --	Report vibration high symptoms or patterns along with fault code.

VIBRATION HIGH -LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11D28	STBY IND	11J29	EICAS CMPTR R
11J2	EICAS CMPTR L	11J30	EICAS LOWER DSPL
11J3	EICAS UPPER DSPL	11K1	VIB MONITOR

EPR, EGT, VIBRATION INDICATOR - FAULT CODES

EFFECTIVITY
PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL

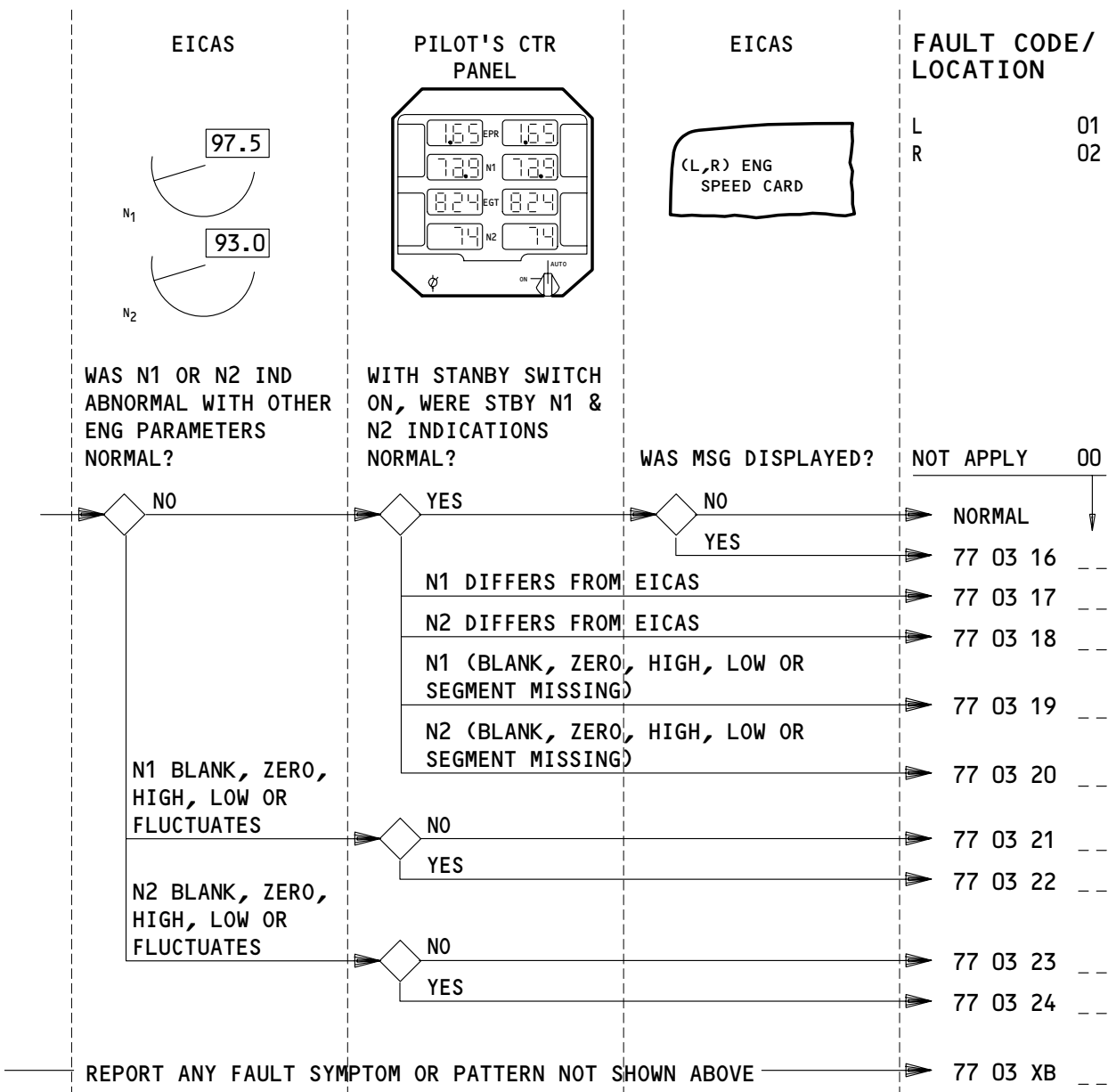
FAULT CODE	LOG BOOK REPORT
77 03 06 --	(01=L, 02=R) eng VIB ind reads (blank, zero, high, low, fluctuates or inop). Other eng parameters norm.
77 03 09 --	(01=L, 02=R) stby eng EPR ind reads (blank, zero, high, low or segment missing).
77 03 10 --	(01=L, 02=R) stby eng EGT ind reads (blank, zero, high, low or segment missing).
77 03 11 --	(01=L, 02=R) prim eng EPR ind (blank, zero, high, low or fluctuates).
77 03 13 --	(01=L, 02=R) prim eng EGT ind (blank, zero, high, low or fluctuates).
77 03 XA --	Report EPR, EGT, vibration indicator symptoms or patterns along with fault code.

EPR, EGT, VIBRATION INDICATOR - LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11D15	SPEED SENSE L2	11J2	EICAS CMPTR L
11D16	SPEED SENSE R2	11J3	EICAS UPPER DSPL
11D23	SPEED SENSE L1	11J29	EICAS CMPTR R
11D24	SPEED SENSE R1	11J30	EICAS LOWER DSPL
11D28	STBY IND		

N1, N2 INDICATORS & ENG SPEED CARD - FAULT CODES

EFFECTIVITY
PW4000 SERIES ENGINE

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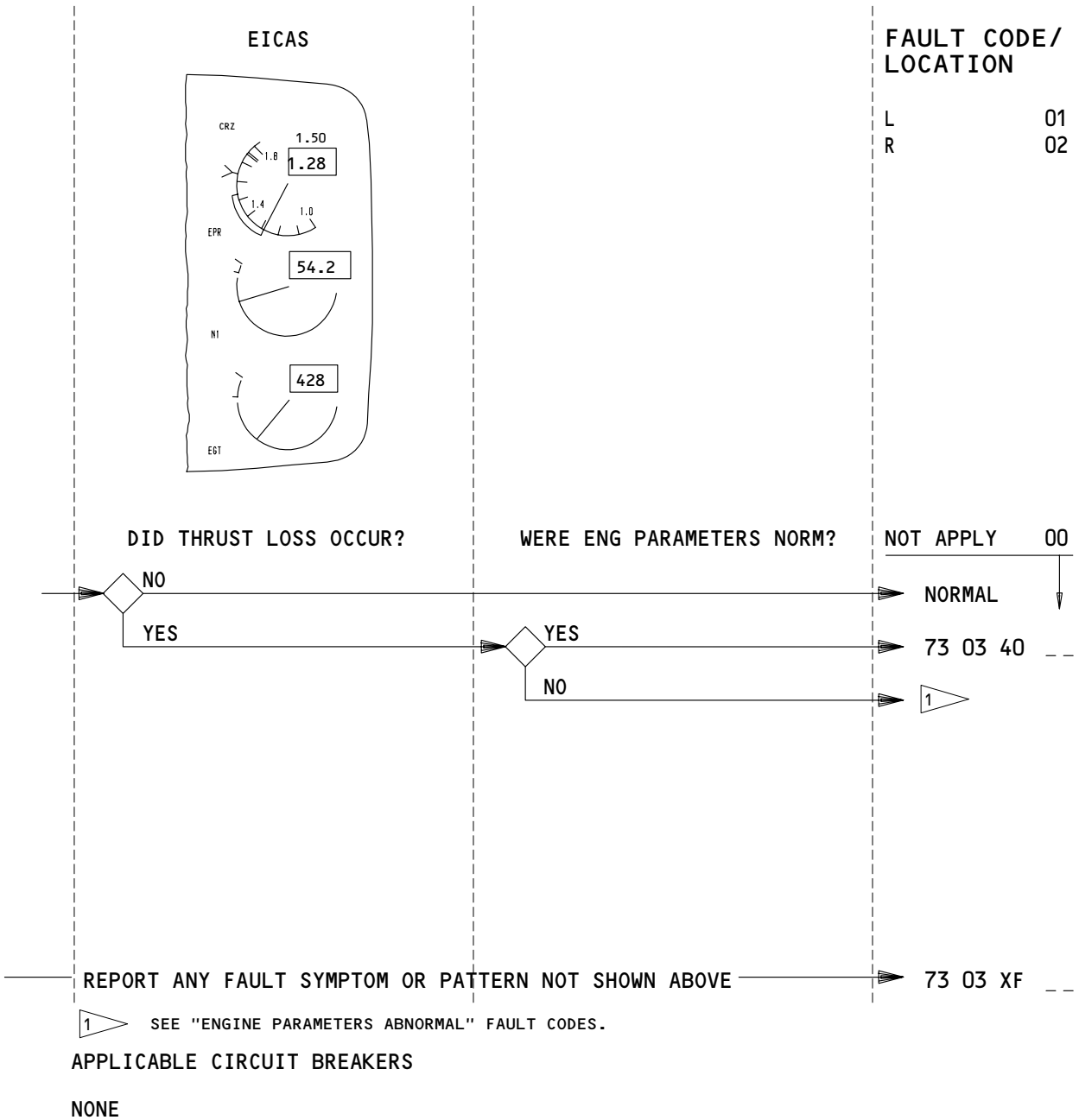
BOEING 767
FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
77 03 16 --	EICAS msg (O1=L, O2=R) ENG SPEED CARD displayed. Eng ind were normal.
77 03 17 --	(O1=L, O2=R) prim eng N1 on EICAS and stby eng ind differs. EICAS ___% N1, stby eng ind ___% N1.
77 03 18 --	(O1=L, O2=R) prim eng N2 on EICAS and stby eng ind differs. EICAS ___% N2, stby eng ind ___% N2.
77 03 19 --	(O1=L, O2=R) stby eng N1 ind reads (blank, zero, high, low or segment missing).
77 03 20 --	(O1=L, O2=R) stby eng N2 ind reads (blank, zero, high, low or segment missing).
77 03 21 --	(O1=L, O2=R) prim eng N1 ind (blank, zero, high, low, or fluctuates). Stby eng ind also abnormal.
77 03 22 --	(O1=L, O2=R) prim eng N1 ind (blank, zero, high, low, or fluctuates). Stby eng ind normal.
77 03 23 --	(O1=L, O2=R) prim eng N2 ind (blank, zero, high, low, or fluctuates). Stby eng ind abnormal.
77 03 24 --	(O1=L, O2=R) prim eng N2 ind (blank, zero, high, low, or fluctuates). Stby eng ind normal.
77 03 XB --	Report N1, N2 indicators & eng speed card symptoms or patterns along with fault codes.

N1, N2 INDICATORS & ENG SPEED CARD - LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL



THRUST LOSS (AUTO DECEL) - FAULT CODES

EFFECTIVITY
 PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

73 03 40 __ (01=L, 02=R) eng thrust loss. Eng parameter norm for thrust obtained.

73 03 XF __ Report thrust loss (auto decel) symptoms or patterns along with fault code.

THRUST LOSS (AUTO DECEL) - LOG BOOK REPORT

EFFECTIVITY

PW4000 SERIES ENGINE

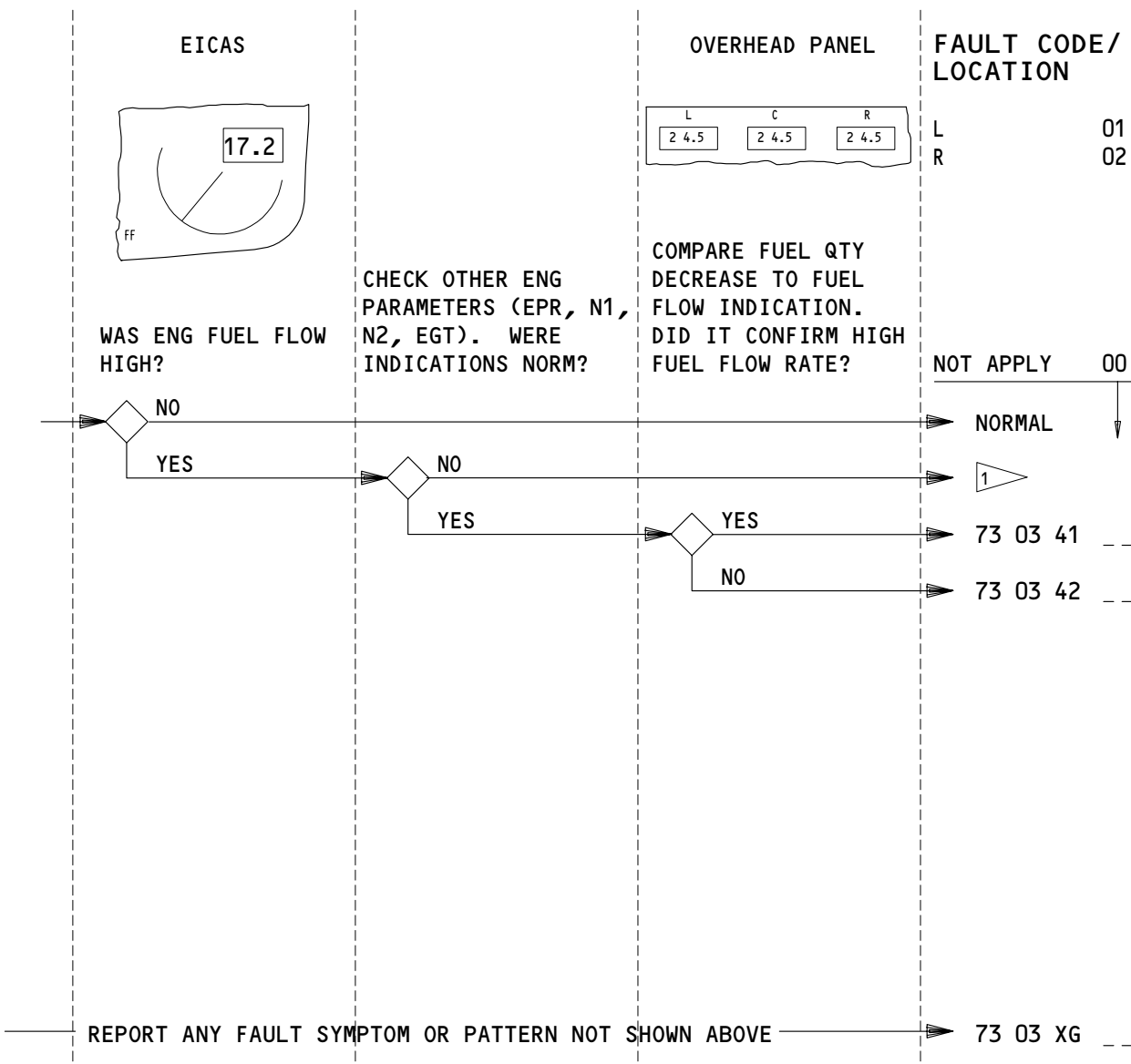
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BOEING 767

FAULT REPORTING MANUAL



1 SEE "ENGINE PARAMETER ABNORMAL" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS
 NONE

HIGH FUEL FLOW - FAULT CODES

EFFECTIVITY
 PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

73 03 41 __ (01=L, 02=R) eng high fuel flow. Other eng parameters norm. Fuel qty decrease confirms high fuel flow.

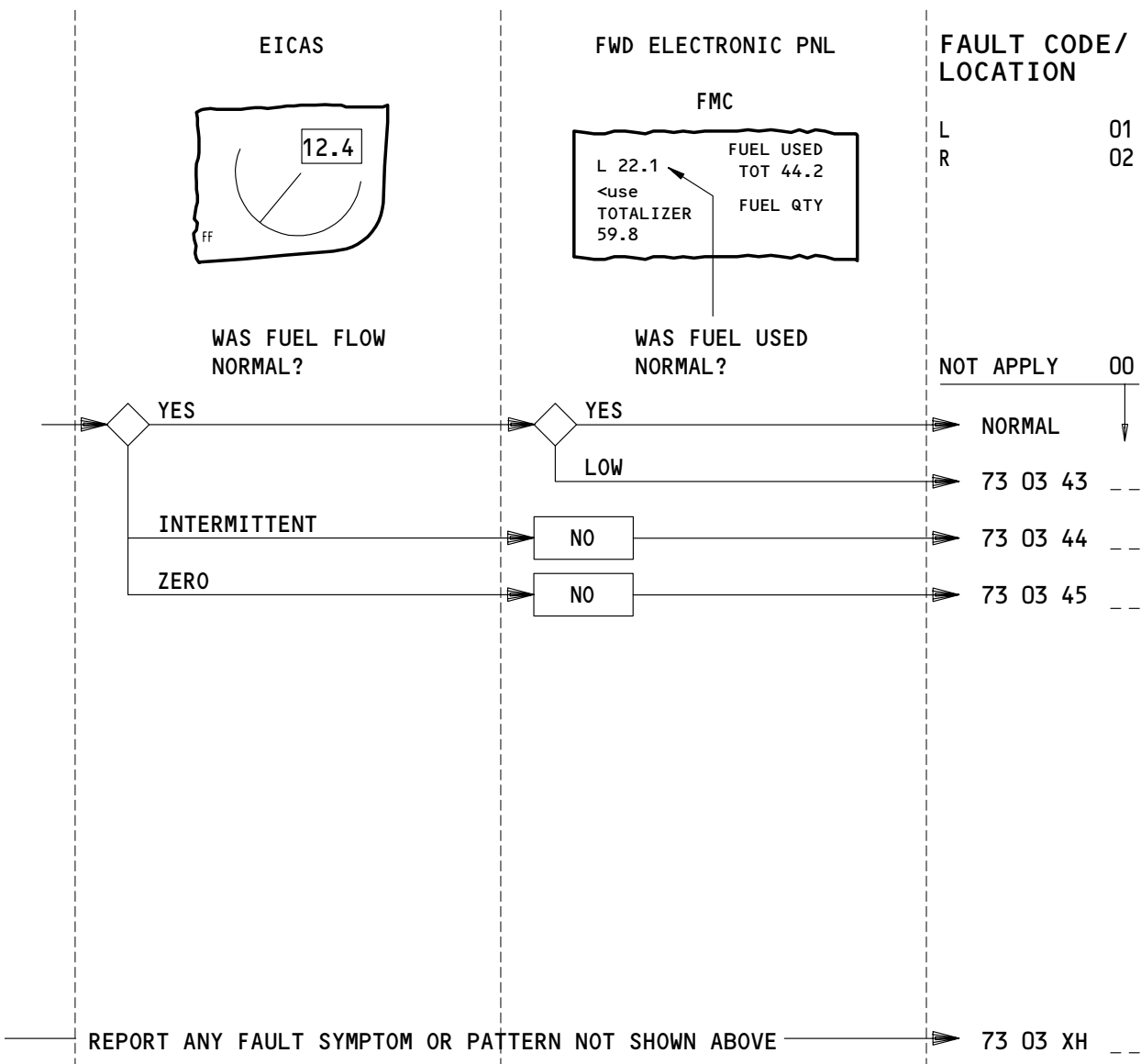
73 03 42 __ (01=L, 02=R) eng high fuel flow. Other eng parameters norm. Fuel qty decrease does not confirm high fuel flow.

73 03 XG __ Report high fuel flow symptoms or patterns along with fault code.

| HIGH FUEL FLOW - LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

NONE

FUEL INDICATORS – FAULT CODES

EFFECTIVITY
 PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

73 03 43 __ (01=L, 02=R) eng fuel used indicates low. Fuel flow indication normal.
73 03 44 __ (01=L, 02=R) eng fuel flow display was intermittent.
73 03 45 __ (01=L, 02=R) eng fuel flow display was zero. Fuel used was also low.

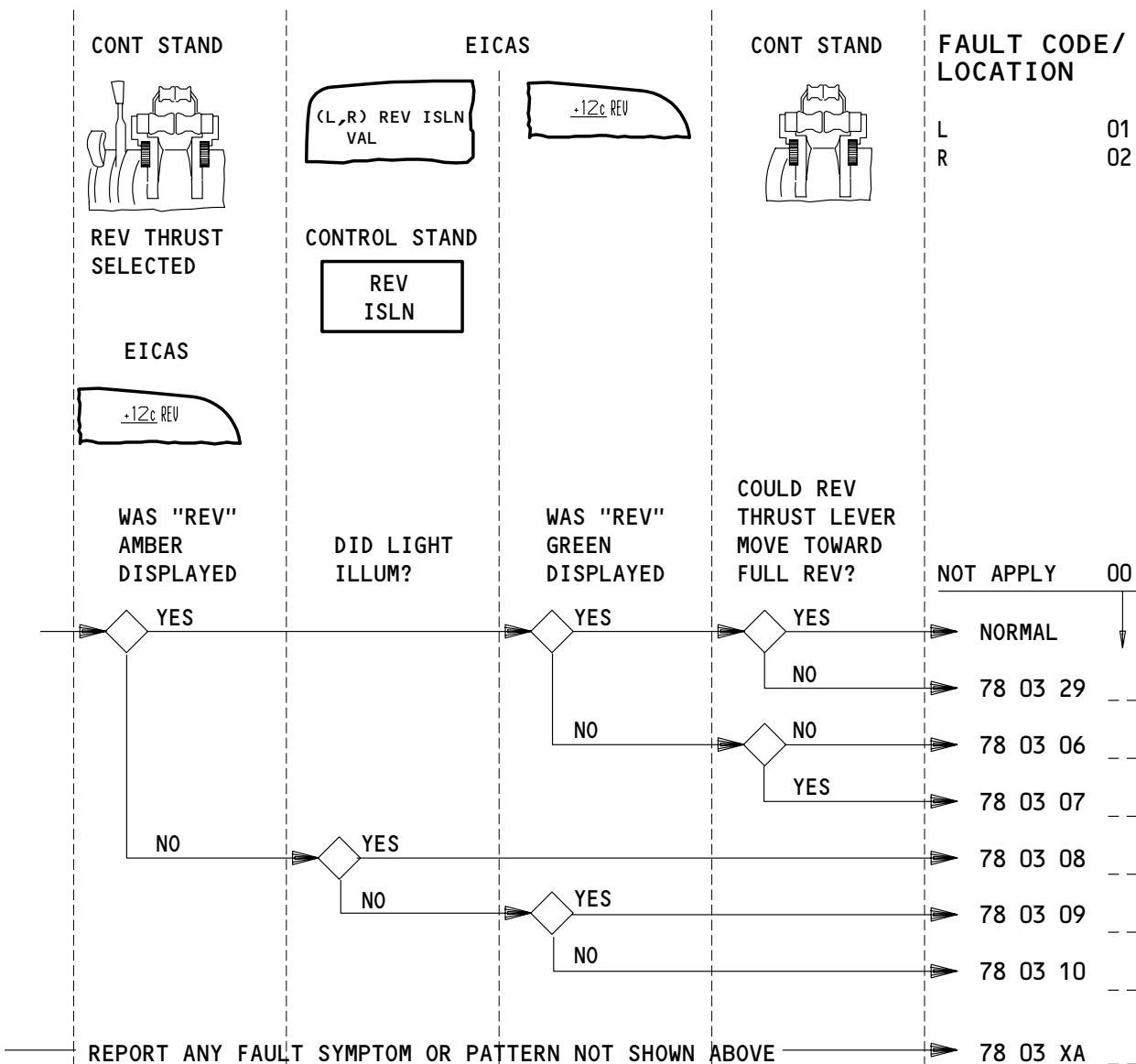
73 03 XH __ Report fuel indicators symptoms or patterns along with fault code.

FUEL INDICATORS - LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767

FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C21	R ENG T/R SSL CONT	11D21	LEFT ENG T/R SSL CONT
11C35	ENG T/L INTERLOCK L	11L6	LEFT ENGINE T/R CONT
11C36	ENG T/L INTERLOCK R ALTN	11L32	RIGHT ENGINE T/R IND
11D13	ENGINE T/R IND L	11L33	RIGHT ENGINE T/R CONT
11D14	ENGINE T/R CONT L		
11D18	T/R SSL CONT L		

REVERSER DEPLOY - FAULT CODES

EFFECTIVITY
PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 78 03 29 -- (01=L, 02=R) eng Rev Thrust Lever could not move toward full rev. Both AMBER and GREEN REV indications normal.
- 78 03 06 -- (01=L, 02=R) eng REV amber in view with rev selected. No REV green indication. Rev lever would not move to full reverse.
- 78 03 07 -- (01=L, 02=R) eng REV amber in view with rev selected. Reverse Lever could be moved toward full reverse.
- 78 03 08 -- (01=L, 02=R) eng would not go to rev. REV ISLN light was illum. EICAS msg displayed was (L, R) REV ISLN VAL.
- 78 03 09 -- (01=L, 02=R) eng REV amber did not appear.
- 78 03 10 -- (01=L, 02=R) eng would not go to rev thrust. Amber REV display missing.
- 78 03 XA -- Report reverser deploy symptoms or patterns along with fault code.

REVERSER DEPLOY - LOG BOOK REPORTS

EFFECTIVITY

PW4000 SERIES ENGINE

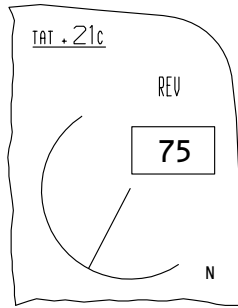
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FAULT REPORTING MANUAL

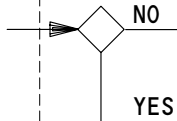
EICAS



**FAULT CODE/
 LOCATION**

L 01
 R 02

WAS MAX REV N1 RPM ABNORMALLY LOW?



NOT APPLY 00

NORMAL

71 04 24 --

REPORT ANY FAULT SYMPTOM OR PATTERN NOT SHOWN ABOVE

71 04 XF --

APPLICABLE CIRCUIT BREAKERS

NONE

REVERSER THRUST LIMIT - FAULT CODES

EFFECTIVITY

PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

71 04 24 __ (01=L, 02=R) eng reverse abnormally low.

71 04 XF __ Report reverser thrust limit symptoms or patterns along with fault codes.

REVERSER THRUST LIMIT - LOG BOOK REPORTS

EFFECTIVITY

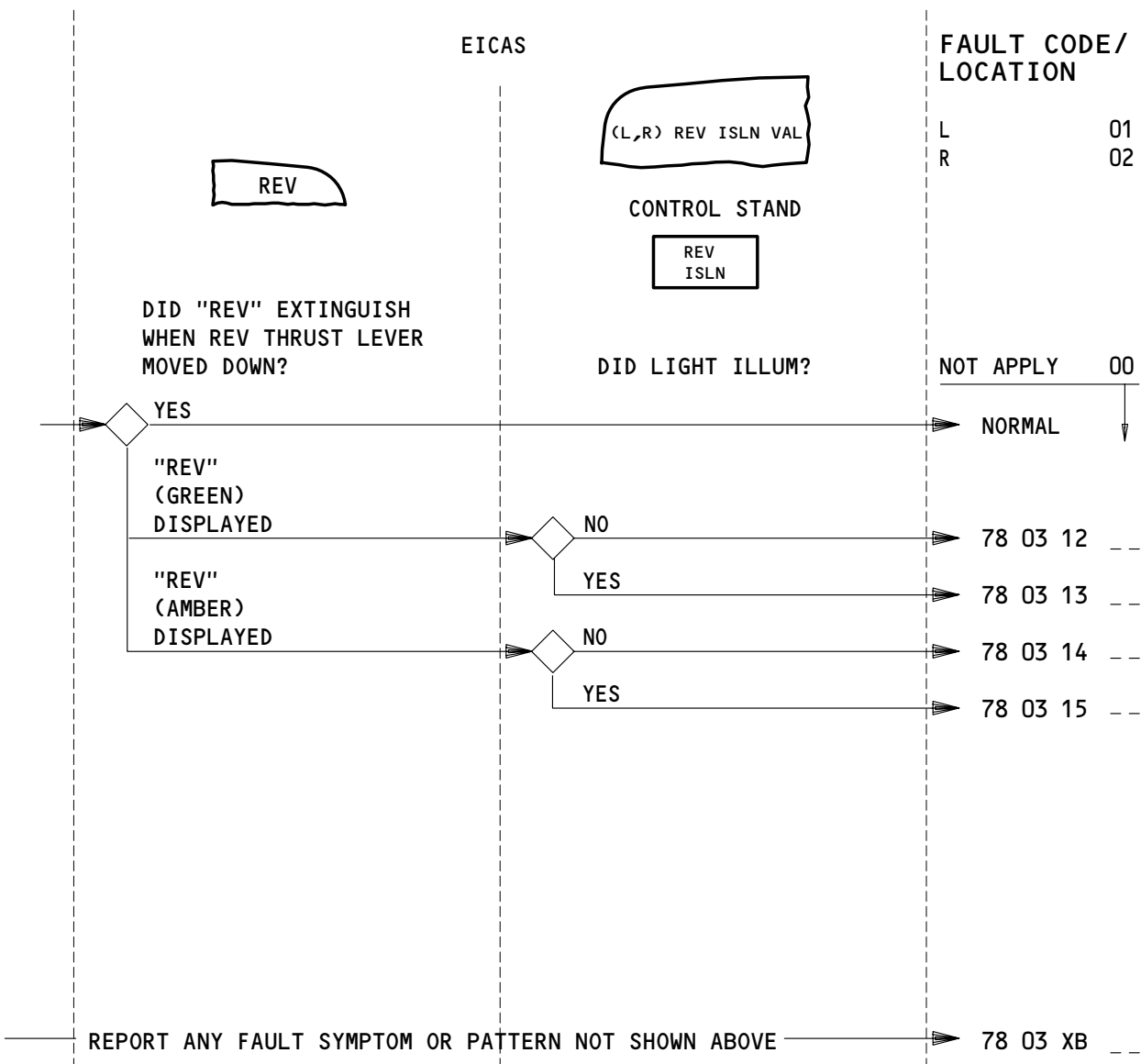
PW4000 SERIES ENGINE

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BOEING 767
FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C21	R ENG T/R SSL CONT	11D21	LEFT ENG T/R SSL CONT
11C35	ENG T/L INTERLOCK L	11L6	LEFT ENGINE T/R CONT
11C36	ENG T/L INTERLOCK R ALTN	11L32	RIGHT ENGINE T/R IND
11D13	ENGINE T/R IND L	11L33	RIGHT ENGINE T/R CONT
11D14	ENGINE T/R CONT L		
11D18	T/R SSL CONT L		

REVERSER STOW - FAULT CODES

EFFECTIVITY
 PW4000 SERIES ENGINE

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BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 78 03 12 __ (01=L, 02=R) eng REV green display remained after fwd thrust selected. Fwd thrust levers could be advanced.
- 78 03 13 __ (01=L, 02=R) eng stuck in full rev. REV ISLN lgt illum. Fwd thrust levers could not be advanced.
- 78 03 14 __ (01=L, 02=R) eng REV amber display remained after fwd thrust selected. Thrust levers could be advanced.
- 78 03 15 __ (01=L, 02=R) eng stuck in rev. REV ISLN lgt illum. Fwd thrust lever could not be advanced.
- 78 03 XB __ Report reverser stow symptoms or patterns along with fault codes.

REVERSER STOW - LOG BOOK REPORTS

EFFECTIVITY

PW4000 SERIES ENGINE

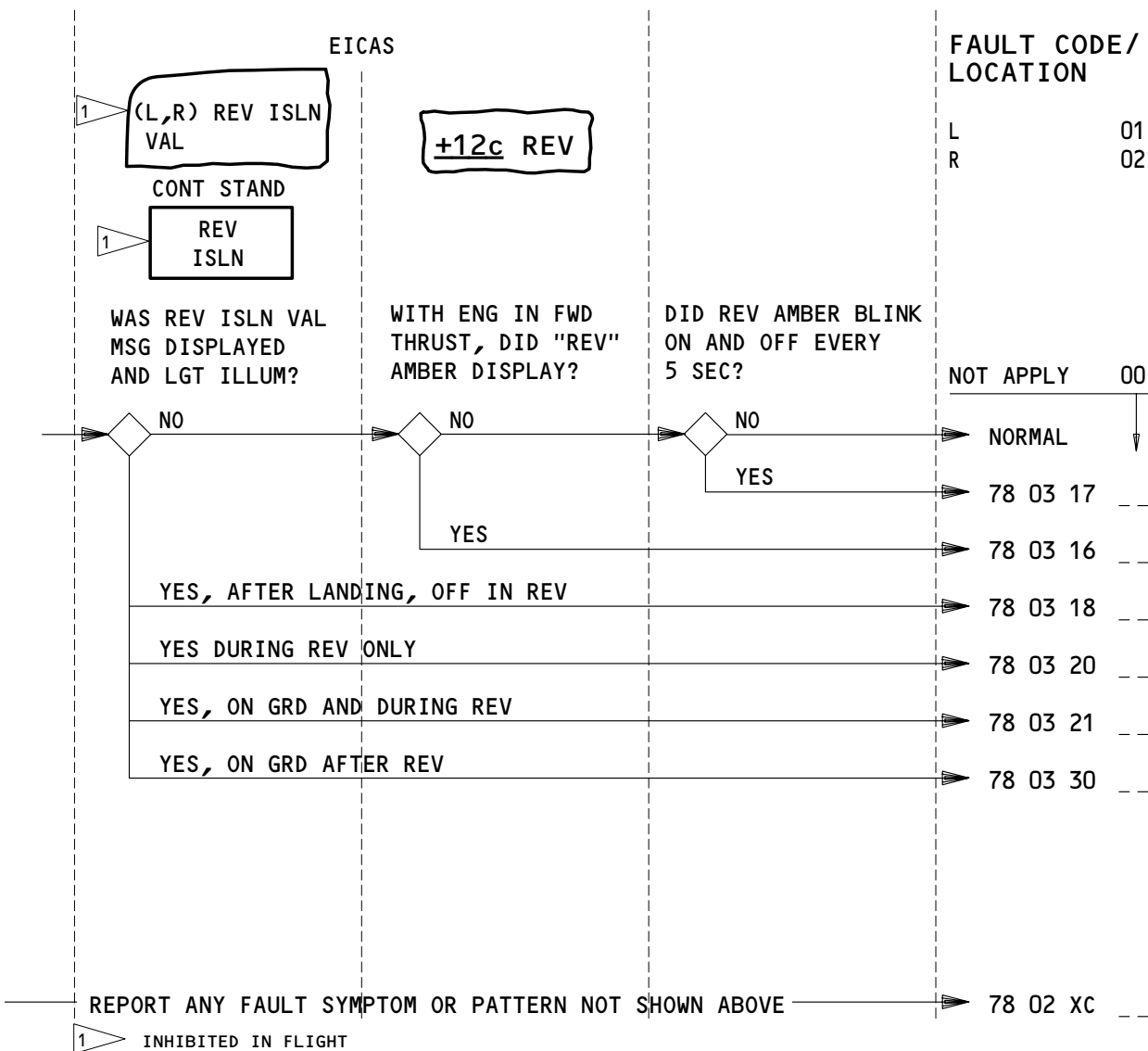
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS AS INSTALLED

11C21	R ENG T/R SSL CONT	11D18	T/R SSL CONT L
11C35	ENG T/L INTERLOCK L	11D21	LEFT ENG T/R SSL CONT
11C36	ENG T/L INTERLOCK R ALTN	11L6	LEFT ENGINE T/R CONT
11D13	ENGINE T/R IND L	11L32	RIGHT ENGINE T/R IND
11D14	ENGINE T/R CONT L	11L33	RIGHT ENGINE T/R CONT

REV ISLN VAL & REV AMBER DISPLAY - FAULT CODES

EFFECTIVITY

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FAULT REPORTING MANUAL

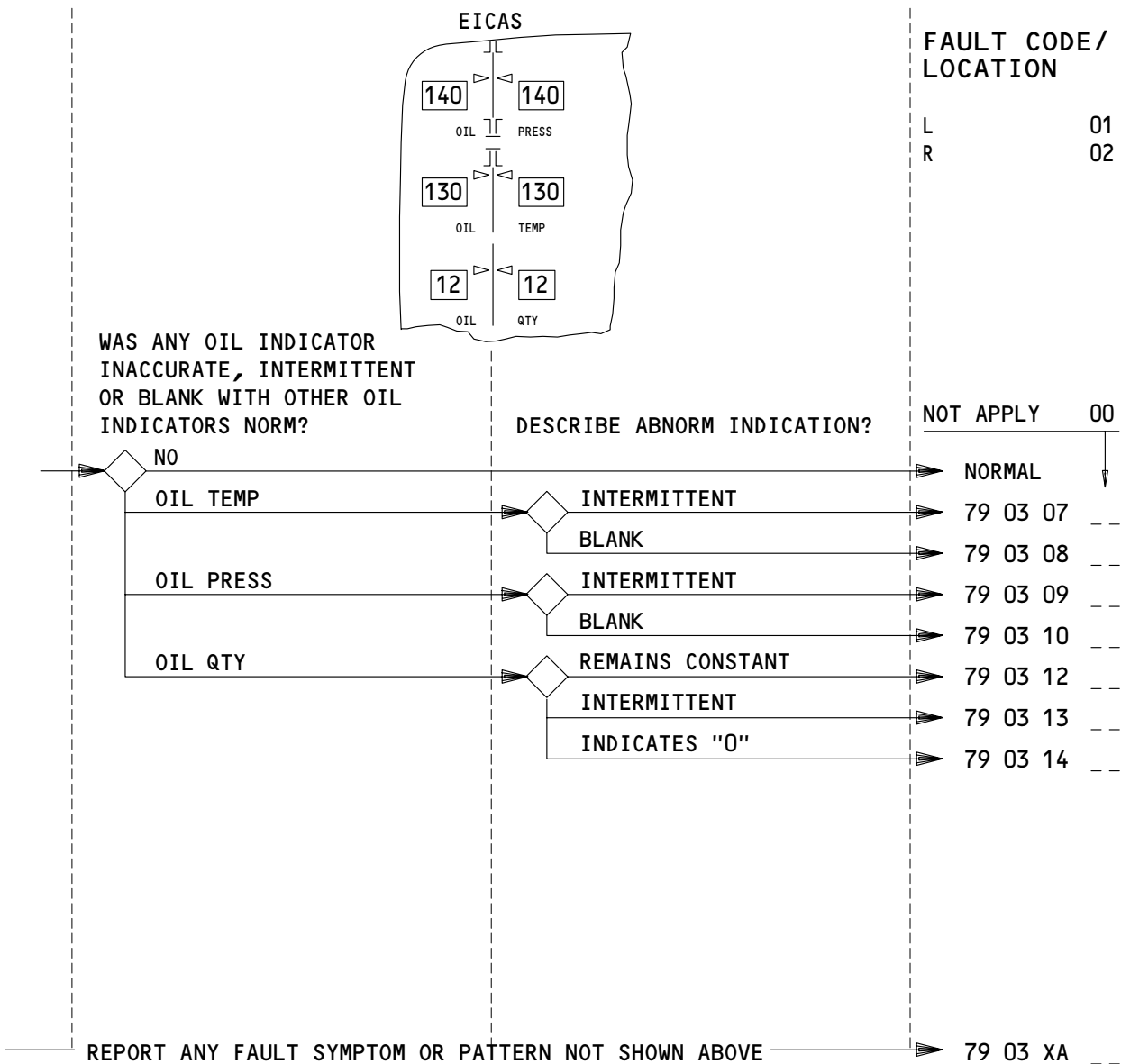
FAULT CODE	LOG BOOK REPORT
78 03 16 --	(01=L, 02=R) eng REV amber displayed during fwd thrust.
78 03 17 --	(01=L, 02=R) eng REV amber blinks every 5 seconds during fwd thrust.
78 03 18 --	EICAS msg (01=L, 02=R) REV ISLN VAL displayed and REV ISLN lgt illum after landing. Msg and lgt norm in rev.
78 03 20 --	EICAS msg (01=L, 02=R) REV ISLN VAL displayed and REV ISLN lgt illum during rev thrust.
78 03 21 --	EICAS msg (01=L, 02=R) REV ISLN VAL displayed and REV ISLN lgt illum on ground and during rev thrust.
78 03 30 --	EICAS msg (01=L, 02=R) REV ISLN VAL displayed and REV ISLN lgt illum on ground after rev thrust.
78 03 XC --	Report REV ISLN VAL & REV amber display symptoms or patterns along with fault code.

REV ISLN VAL & REV AMBER DISPLAY – LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL



1 A DROP IN OIL QTY INDICATION OF UP TO (12 QTS/11.36 LITERS) MAY OCCUR WHEN TAKEOFF THRUST IS APPLIED AND WILL REMAIN UNTIL ENGINE SHUTDOWN. THIS IS A NORMAL CONDITION AND NOT HIGH OIL CONSUMPTION.

APPLICABLE CIRCUIT BREAKERS AS INSTALLED

- 11L9 (L, LEFT) ENGINE OIL PRESS EICAS REF
- 11L36 (R, RIGHT) ENGINE OIL PRESS EICAS REF

OIL INDICATORS – FAULT CODES

EFFECTIVITY
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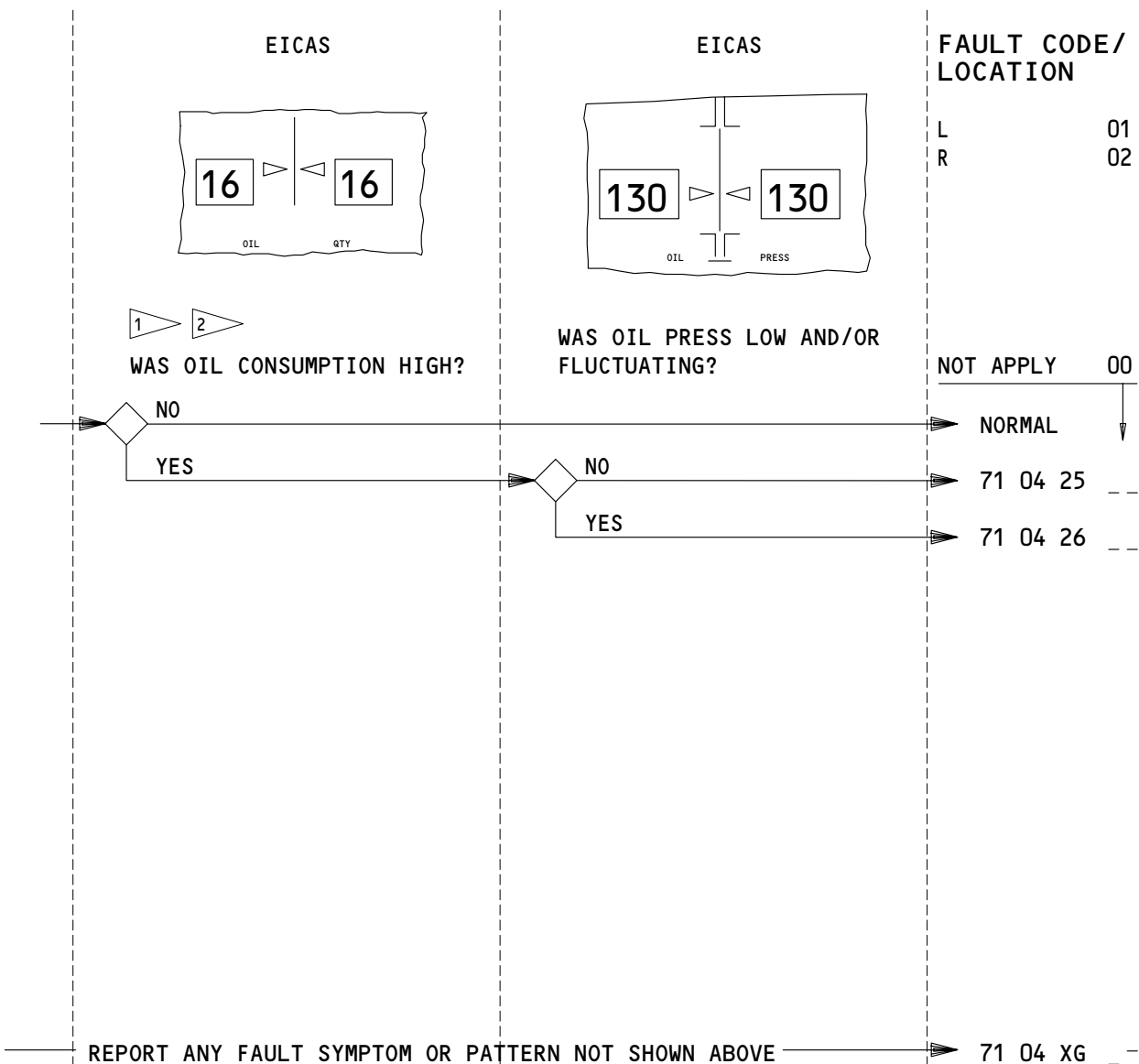
FAULT CODE	LOG BOOK REPORT
79 03 07 __	(01=L, 02=R) eng oil temp display intermittent. Press & qty normal.
79 03 08 __	(01=L, 02=R) eng oil temp display blank. Press & qty normal.
79 03 09 __	(01=L, 02=R) eng oil press display intermittent. Temp & qty normal.
79 03 10 __	(01=L, 02=R) eng oil press display blank. Temp & qty normal.
79 03 12 __	(01=L, 02=R) eng oil qty remains constant during flight.
79 03 13 __	(01=L, 02=R) eng oil qty display intermittent. Press & Temp normal.
79 03 14 __	(01=L, 02=R) eng oil qty display zero. Press & temp normal.
79 03 XA __	Report oil indicator symptoms or patterns along with fault code.

OIL INDICATORS - LOG BOOK REPORTS

EFFECTIVITY
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FAULT REPORTING MANUAL



- 1 MAXIMUM OIL CONSUMPTION IS (0.50 U.S. QTS/HR/0.47 LITERS/HR). A SUDDEN INCREASE OR CONTINUALLY INCREASING TREND IN OIL CONSUMPTION SHOULD BE INVESTIGATED.
- 2 A DROP IN OIL QTY INDICATION OF UP TO (12 QTS/11.36 LITERS) MAY OCCUR WHEN TAKEOFF THRUST IS APPLIED AND WILL REMAIN UNTIL ENGINE SHUTDOWN. THIS IS A NORMAL CONDITION AND NOT HIGH OIL CONSUMPTION.

APPLICABLE CIRCUIT BREAKERS

NONE

HIGH OIL CONSUMPTION – FAULT CODES

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

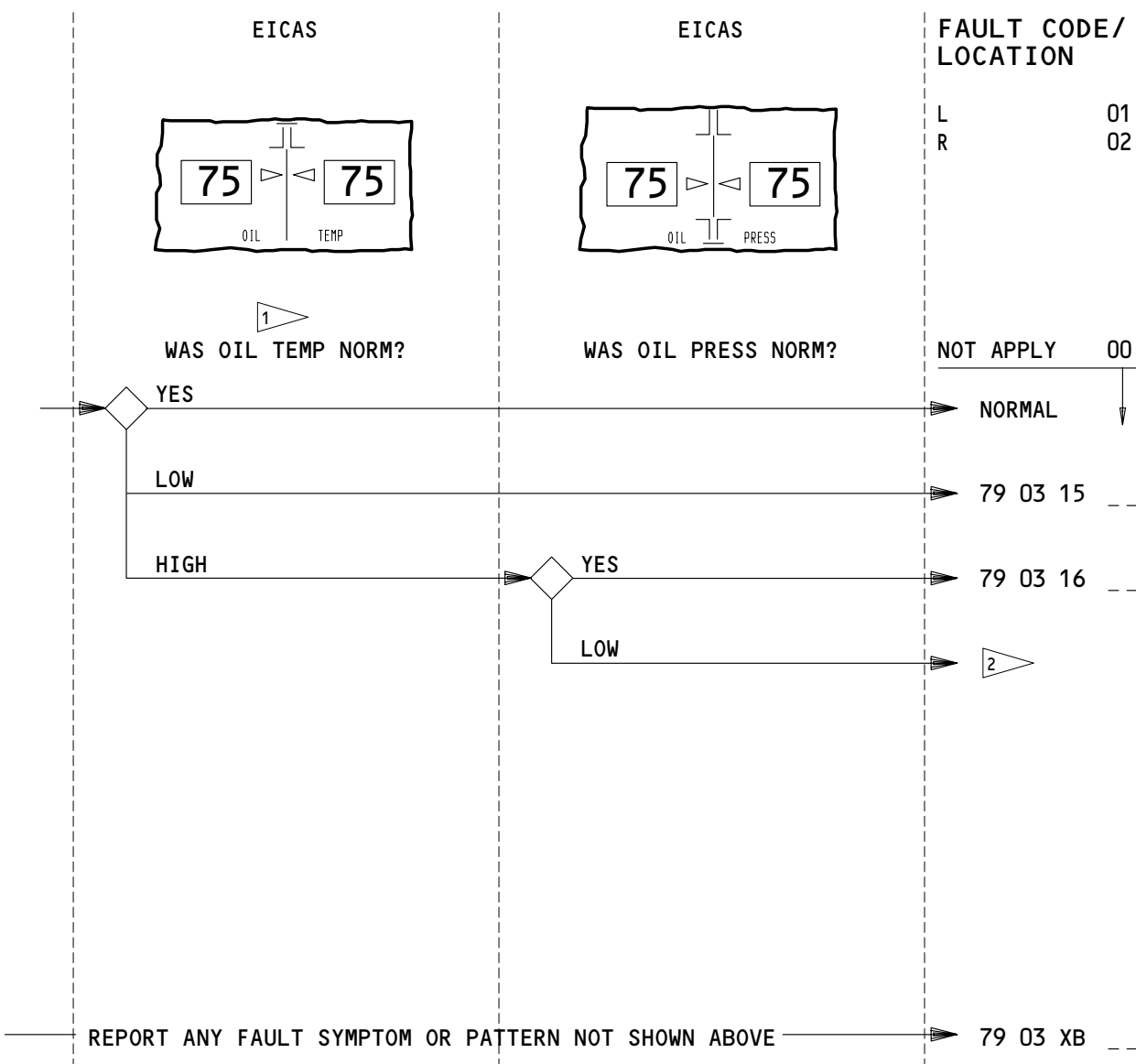
- 71 04 25 __ (01=L, 02=R) eng oil consumption high, ___ qts per hr or liters per hr.
Oil Press norm.
- 71 04 26 __ (01=L, 02=R) eng oil consumption high. Oil Press was (low, fluctuating,
low & fluctuating).
- 71 04 XG __ Report high oil consumption symptoms or patterns along with fault code.

HIGH OIL CONSUMPTION – LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

BOEING 767

FAULT REPORTING MANUAL



1

 IF ENG SHUTDOWN, ALSO SEE "SHUTDOWN OIL PRESS" FAULT CODES.

2

 SEE "OIL PRESSURE" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS
 NONE

OIL TEMPERATURE – FAULT CODES

EFFECTIVITY
 PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

79 03 15 __ (01=L, 02=R) eng oil temp low, ____°.

79 03 16 __ (01=L, 02=R) eng oil temp high, ____°.

79 03 XB __ Report oil temperature symptoms or patterns along with fault code.

OIL TEMPERATURE – LOG BOOK REPORTS

EFFECTIVITY

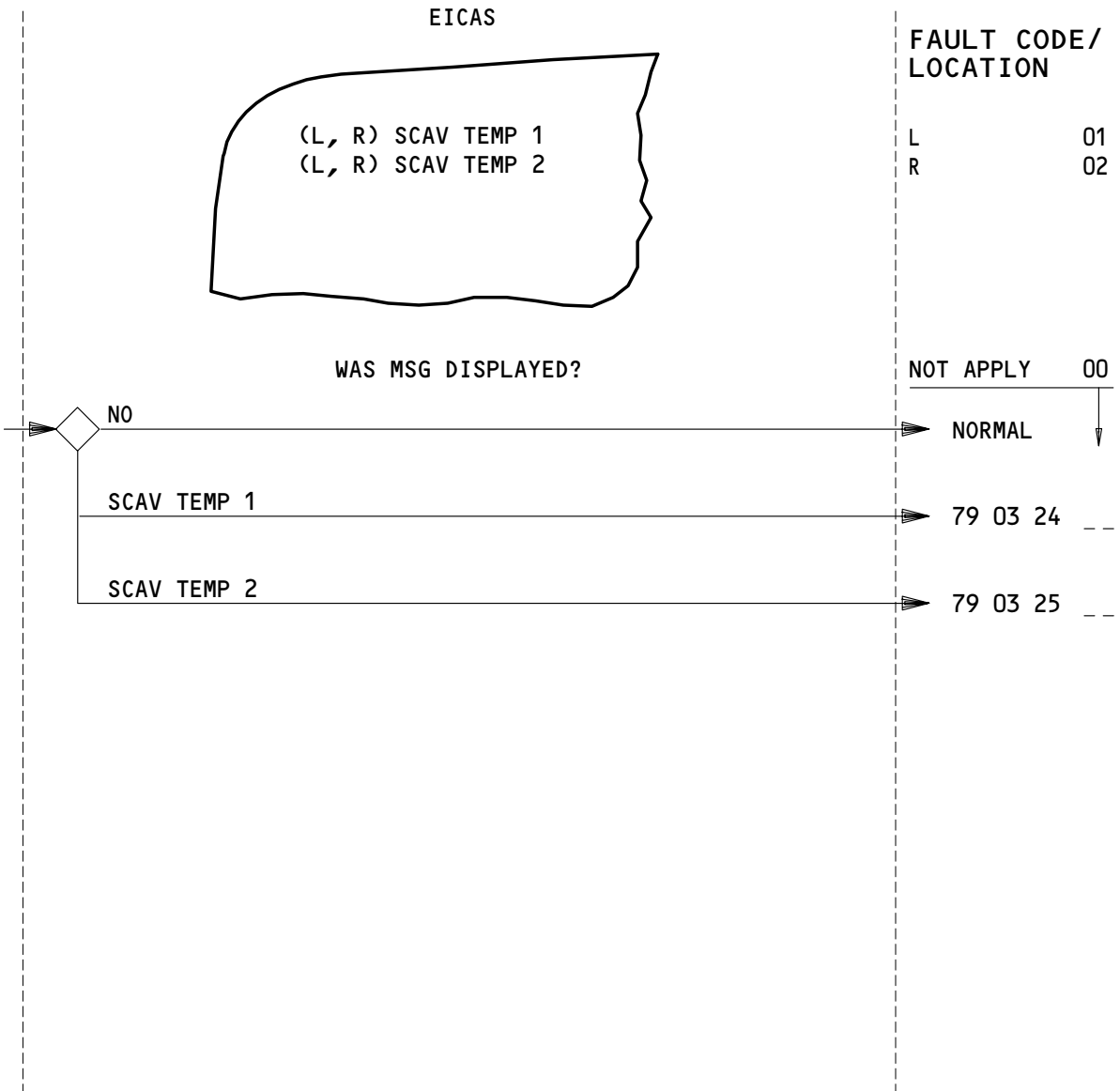
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 FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11C27	ENG EEC CHAN A L
11C28	ENG EEC CHAN A R

ENGINE OIL SCAVENGE TEMPERATURE – FAULT CODES

EFFECTIVITY
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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

79 03 24 __ EICAS msg (01=L, 02=R) SCAV TEMP 1 displayed.

79 03 25 __ EICAS msg (01=L, 02=R) SCAV TEMP 2 displayed.

ENGINE OIL SCAVENGE TEMPERATURE - LOG BOOK REPORTS

EFFECTIVITY

PW4000 SERIES ENGINE

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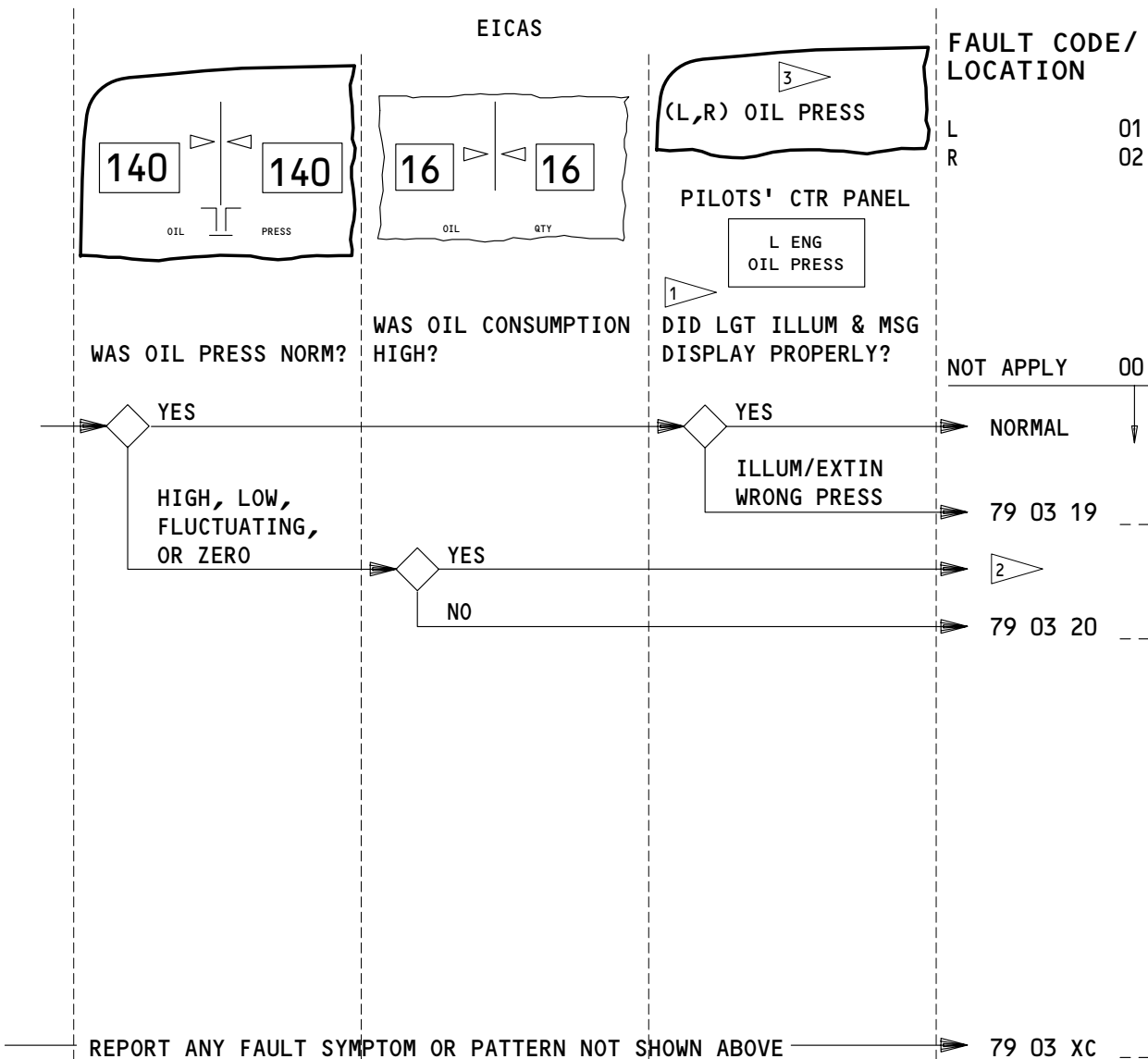
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FAULT REPORTING MANUAL



- 1 ▷ ENG OIL PRESS LGT ILLUM & MSG DISPLAYED WHEN OIL PRESS DROPS BELOW 65 PSI. LGT EXTIN & MSG SHOULD NOT BE DISPLAYED ABOVE 80 PSI.
- 2 ▷ SEE "HIGH OIL CONSUMPTION" FAULT CODES.
- 3 ▷ IF (L,R) OIL PRESS STATUS (WHITE) MSG DISPLAYED, SEE "OIL SYSTEM MESSAGES" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS

- 11L9 (L, LEFT) ENGINE OIL PRESS EICAS REF
- 11L36 (R, RIGHT) ENGINE OIL PRESS EICAS REF

OIL PRESSURE – FAULT CODES

EFFECTIVITY
PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

79 03 19 __ (01=L, 02=R) ENG OIL PRESS lgt (illum above 80, extin below 68) PSI.

79 03 20 __ (01=L, 02=R) eng oil press (high, low, fluctuating, zero). Oil consumption was norm.

79 03 XC __ Report oil pressure symptoms or patterns along with fault code.

OIL PRESSURE - LOG BOOK REPORTS

EFFECTIVITY

PW4000 SERIES ENGINE

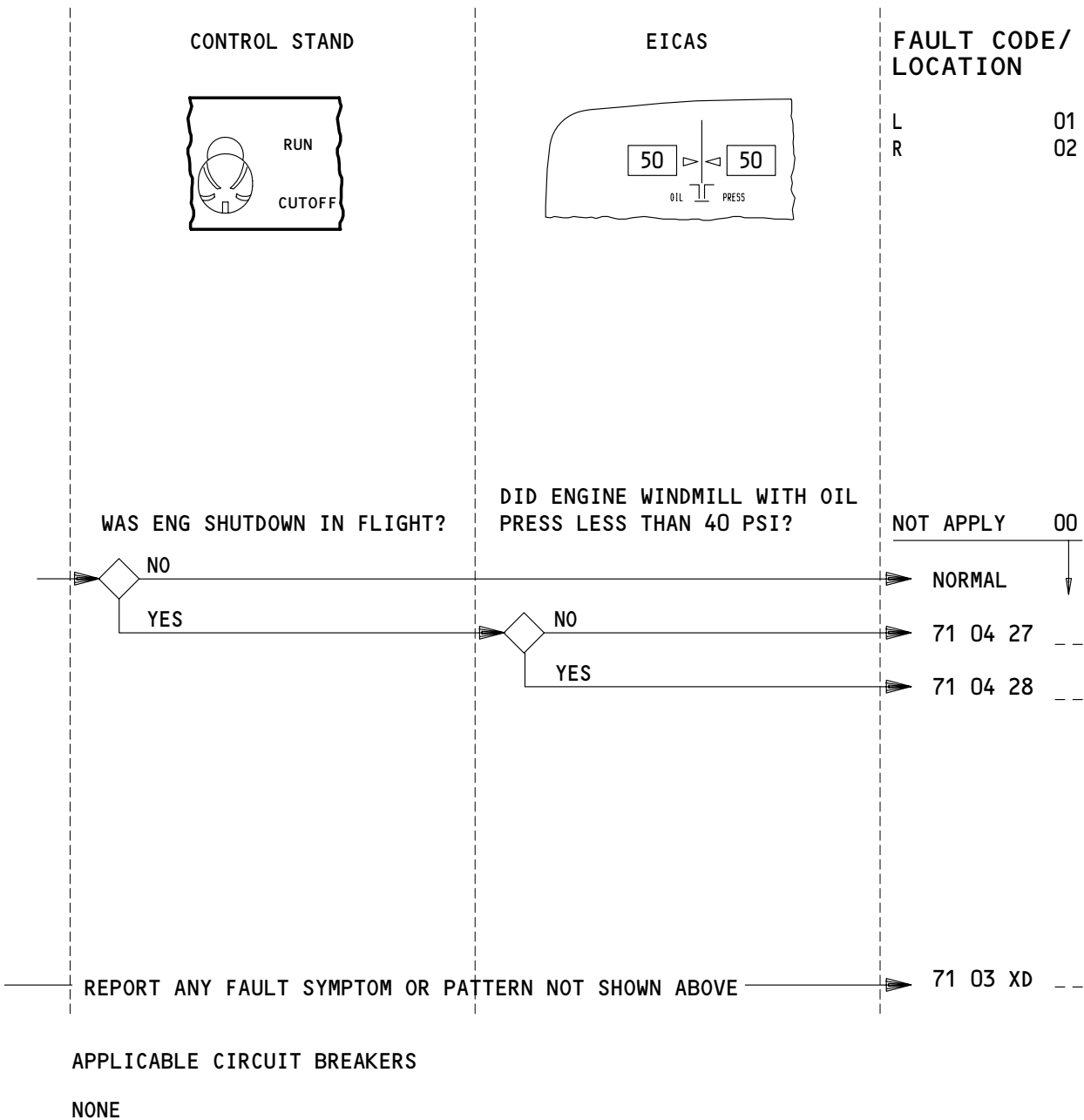
22

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FAULT REPORTING MANUAL



SHUTDOWN OIL PRESS – FAULT CODES

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

71 04 27 -- (01=L, 02=R) eng shutdown. Eng windmilled with oil press ___ psi
for ___ hrs/min. (over 40 psi)

71 04 28 -- (01=L, 02=R) eng shutdown. Engine windmilled with oil press less than
40 psi for _____ hrs/min.

71 03 XD -- Report shutdown oil press symptoms or patterns along with fault
code.

SHUTDOWN OIL PRESS - LOG BOOK REPORTS

EFFECTIVITY

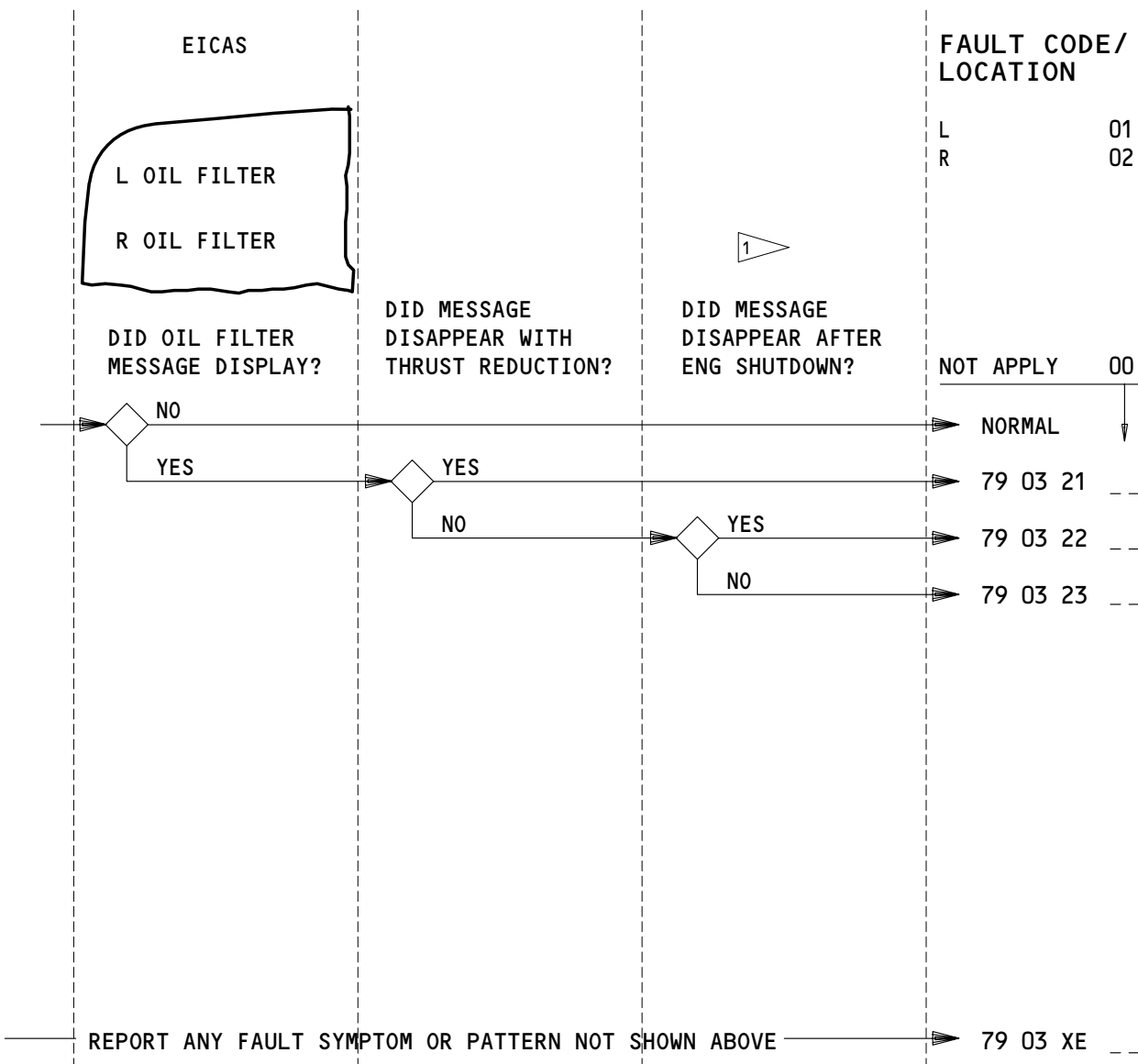
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FAULT REPORTING MANUAL



1 IF ENG SHUTDOWN, SEE "SHUTDOWN OIL PRESS" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS
 NONE

OIL FILTER BYPASS – FAULT CODES

<p>EFFECTIVITY</p> <p>PW4000 SERIES ENGINE</p>

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FAULT REPORTING MANUAL

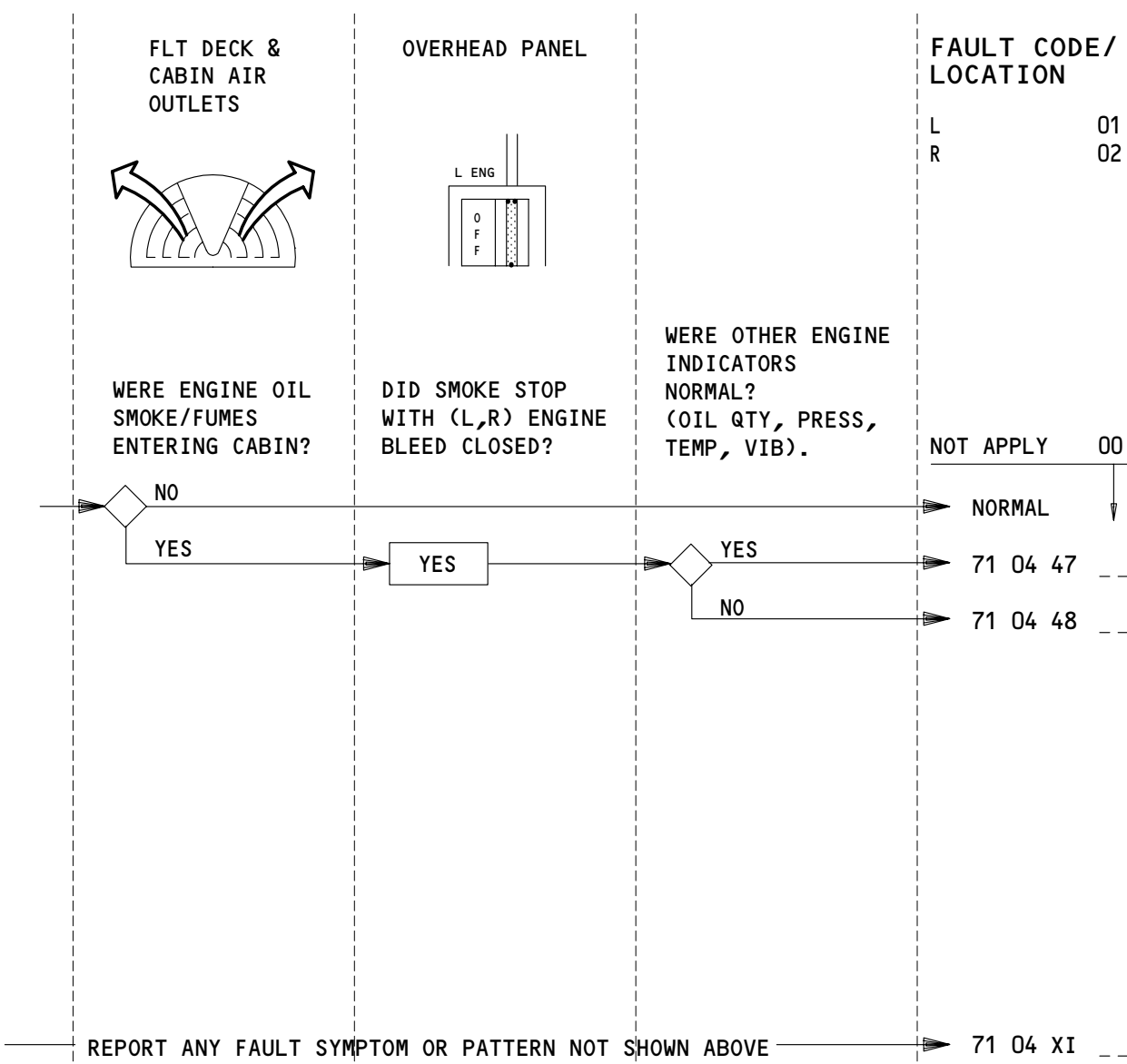
FAULT CODE	LOG BOOK REPORT
79 03 21 __	EICAS msg (01=L, 02=R) OIL FILTER displayed. Message disappeared when thrust reduced.
79 03 22 __	EICAS msg (01=L, 02=R) OIL FILTER displayed. Message remained when thrust reduced. After eng shutdown message disappeared.
79 03 23 __	EICAS msg (01=L, 02=R) OIL FILTER displayed. Message remained when thrust reduced & after eng shutdown.
79 03 XE __	Report oil filter bypass symptoms or patterns along with fault code.

OIL FILTER BYPASS – LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS
 NONE

ENGINE OIL SMOKE/FUMES IN CABIN - FAULT CODES

EFFECTIVITY
 PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL

FAULT CODE	LOG BOOK REPORT
71 04 47 --	Engine oil smoke/fumes entered cabin. Smoke stopped with (01=L, 02=R) engine bleed closed. All parameters normal.
71 04 48 --	Engine oil smoke/fumes entered cabin. Smoke stopped with (01=L, 02=R) engine bleed closed. Engine abnormal (describe).
71 04 XI --	Report engine oil smoke/fumes in cabin symptoms or patterns along with fault codes.

ENGINE OIL SMOKE/FUMES IN CABIN - LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

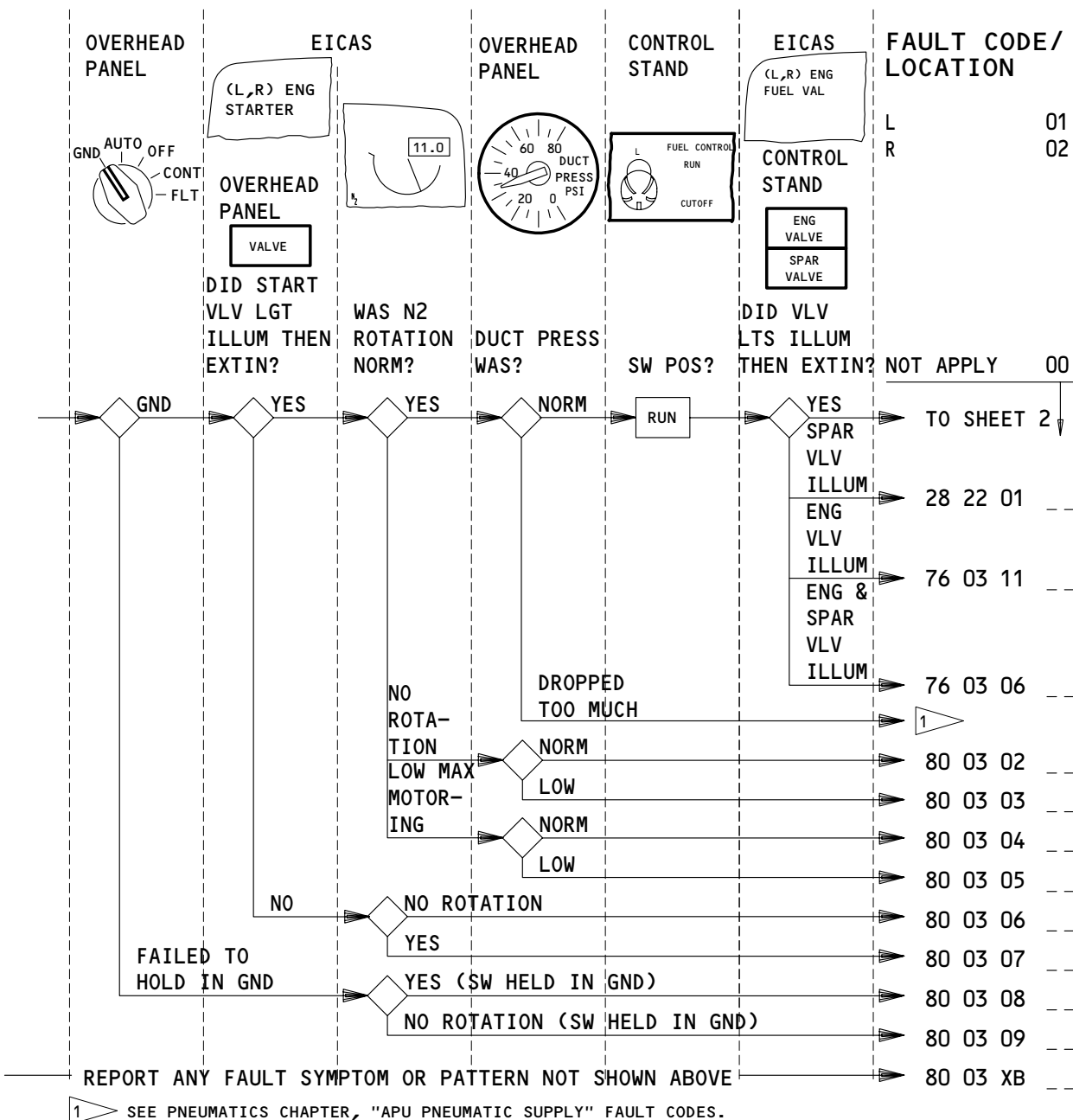
05

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

6E1	L SPAR FUEL VALVES	11D20	START CONT R
6E2	R SPAR FUEL VALVES	11D25	ENGINE FUEL CONT VLV & EEC CHAN B RESET L
11D19	START CONT L	11D26	ENGINE FUEL CONT VLV & EEC CHAN B RESET R

STARTING (SHEET 1) - FAULT CODES

EFFECTIVITY

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 FAULT REPORTING MANUAL

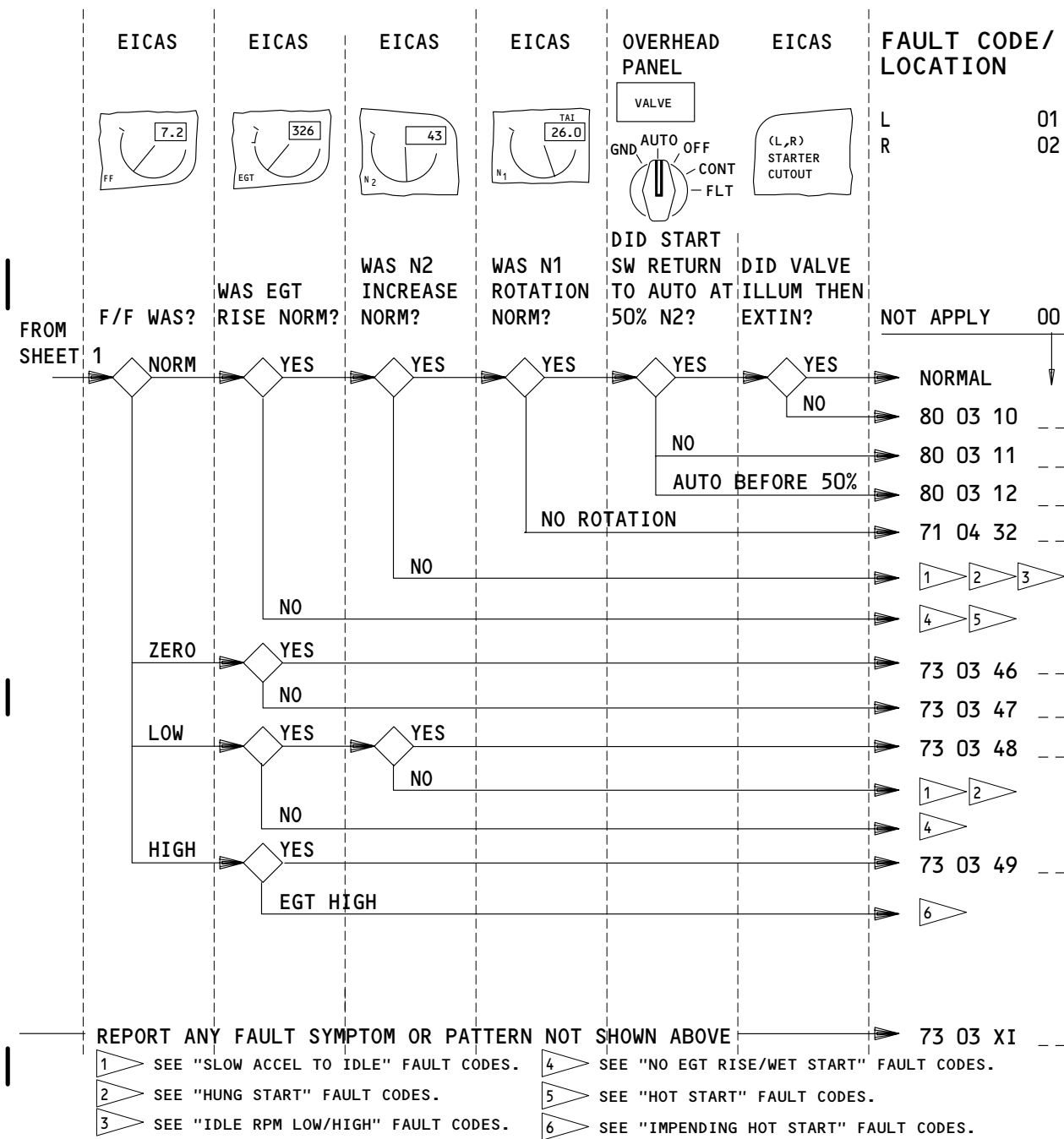
FAULT CODE	LOG BOOK REPORT
28 22 01 --	(O1=L, O2=R) eng SPAR VALVE light illum with fuel control sw in (RUN, CUTOFF).
76 03 11 --	(O1=L, O2=R) ENG VALVE light illum with fuel control sw in (RUN, CUTOFF).
76 03 06 --	(O1=L, O2=R) ENG VALVE and SPAR VALVE light illum with fuel control sw in (RUN, CUTOFF).
80 03 02 --	(O1=L, O2=R) Eng N2 failed to rotate with start selector in GND, start VALVE light was extin and duct press was norm.
80 03 03 --	(O1=L, O2=R) eng N2 failed to rotate with start selector in GND, duct press was low with start vlv open.
80 03 04 --	(O1=L, O2=R) eng low max N2 motoring speed during start, duct press was norm with start vlv open.
80 03 05 --	(O1=L, O2=R) eng low max N2 motoring speed during start, duct press was low with start vlv open.
80 03 06 --	(O1=L, O2=R) eng start VALVE light (failed to, remained) illum with start selector in GND, eng failed to rotate.
80 03 07 --	(O1=L, O2=R) eng start VALVE light (failed to, remained) illum with start selector in GND, eng rotation was norm.
80 03 08 --	(O1=L, O2=R) eng start selector sw failed to hold in GND during start, eng rotated norm when held in GND.
80 03 09 --	(O1=L, O2=R) eng start selector sw failed to hold in GND during start, eng failed to rotate when held in GND.
80 03 XB --	Report starting symptoms or patterns along with fault code.

STARTING (SHEET 1) - LOG BOOK REPORTS

EFFECTIVITY PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11C27	ENG EEC CHAN A L	11D20	START CONT R
11C28	ENG EEC CHAN A R	11D23	SPEED SENSE L 1
11D19	START CONT L	11D24	SPEED SENSE R 1

STARTING (SHEET 2) - FAULT CODES

EFFECTIVITY
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FAULT REPORTING MANUAL

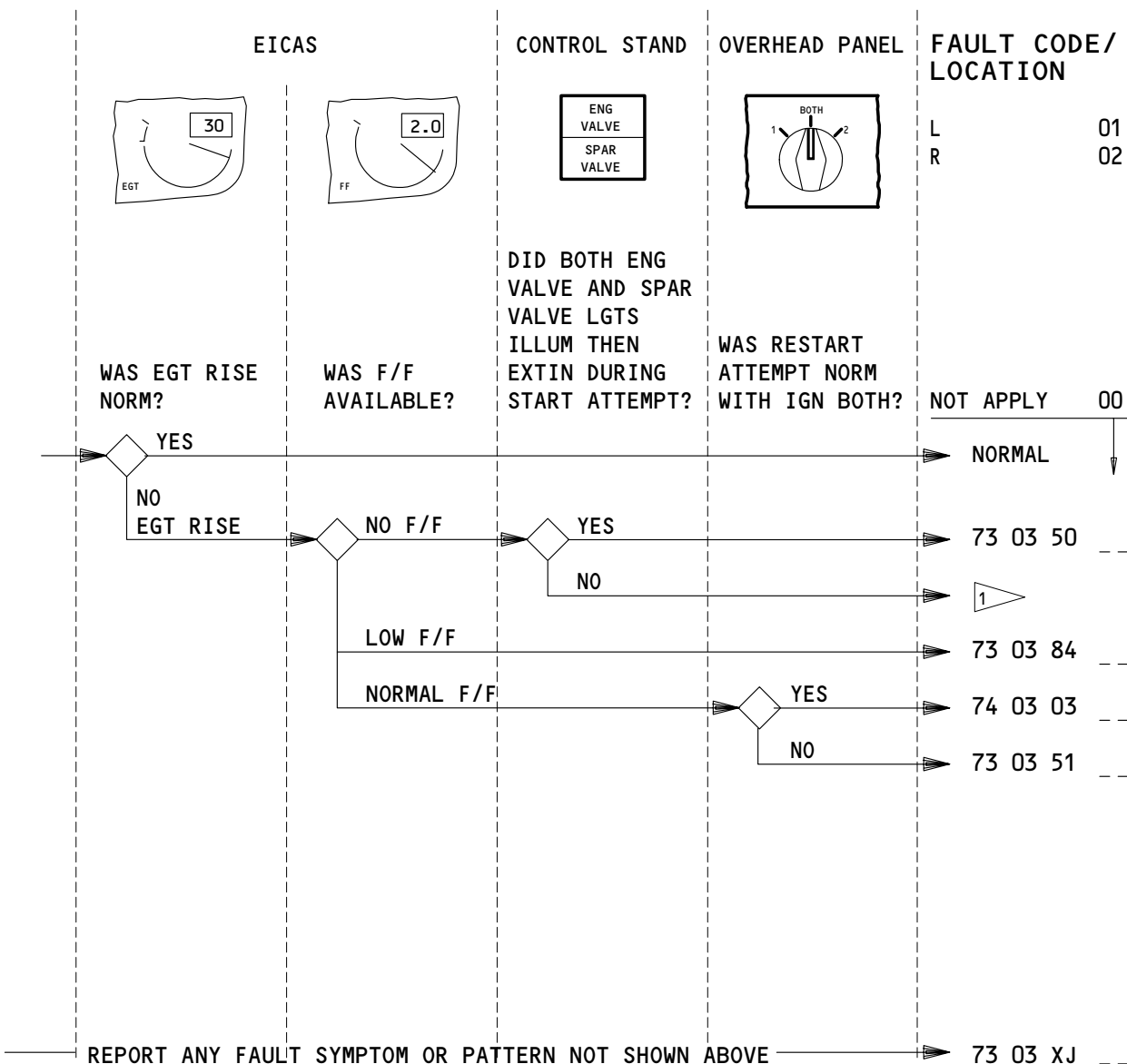
FAULT CODE	LOG BOOK REPORT
80 03 10 __	(01=L, 02=R) eng start VALVE light remained illum during start when start selector returned to AUTO.
80 03 11 __	(01=L, 02=R) eng start selector failed to return to AUTO at 50% N2 during start.
80 03 12 __	(01=L, 02=R) eng start selector returned to AUTO at ___% N2 during start.
71 04 32 __	(01=L, 02=R) eng N1 failed to rotate during start.
73 03 46 __	(01=L, 02=R) eng F/F indicated zero during start, eng start was norm.
73 03 47 __	(01=L, 02=R) eng EGT failed to rise during start. F/F indicated zero with fuel control sw RUN.
73 03 48 __	(01=L, 02=R) eng F/F indicated low during start, eng start was norm.
73 03 49 __	(01=L, 02=R) eng F/F indicated high during start, eng start was norm.
73 03 XI __	Report starting symptoms or patterns along with fault code.

STARTING (SHEET 2) – LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL



1 SEE "STARTING" FAULT CODES.

APPLICABLE CIRCUIT BREAKERS

11D7	ENGINE STBY IGN 1	11M28	L IGN 2
11D8	ENGINE STBY IGN 2	11M29	R IGN 2
11M1	L IGN 1		
11M2	R IGN 1		

NO EGT RISE/WET START - FAULT CODES

EFFECTIVITY
PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- | 73 03 50 -- (01=L, 02=R) eng no EGT rise during start attempt, F/F indicated zero. Eng and spar valve indicates norm operation.
- | 73 03 84 -- (01=L, 02=R) eng no EGT rise during start attempt, F/F indicated low.
- | 74 03 03 -- (01=L, 02=R) eng no EGT rise during start with ign selector in (IGN 1, IGN 2). Restart norm in IGN BOTH.
- | 73 03 51 -- (01=L, 02=R) eng no EGT rise during start attempt with ign selector in single or BOTH.

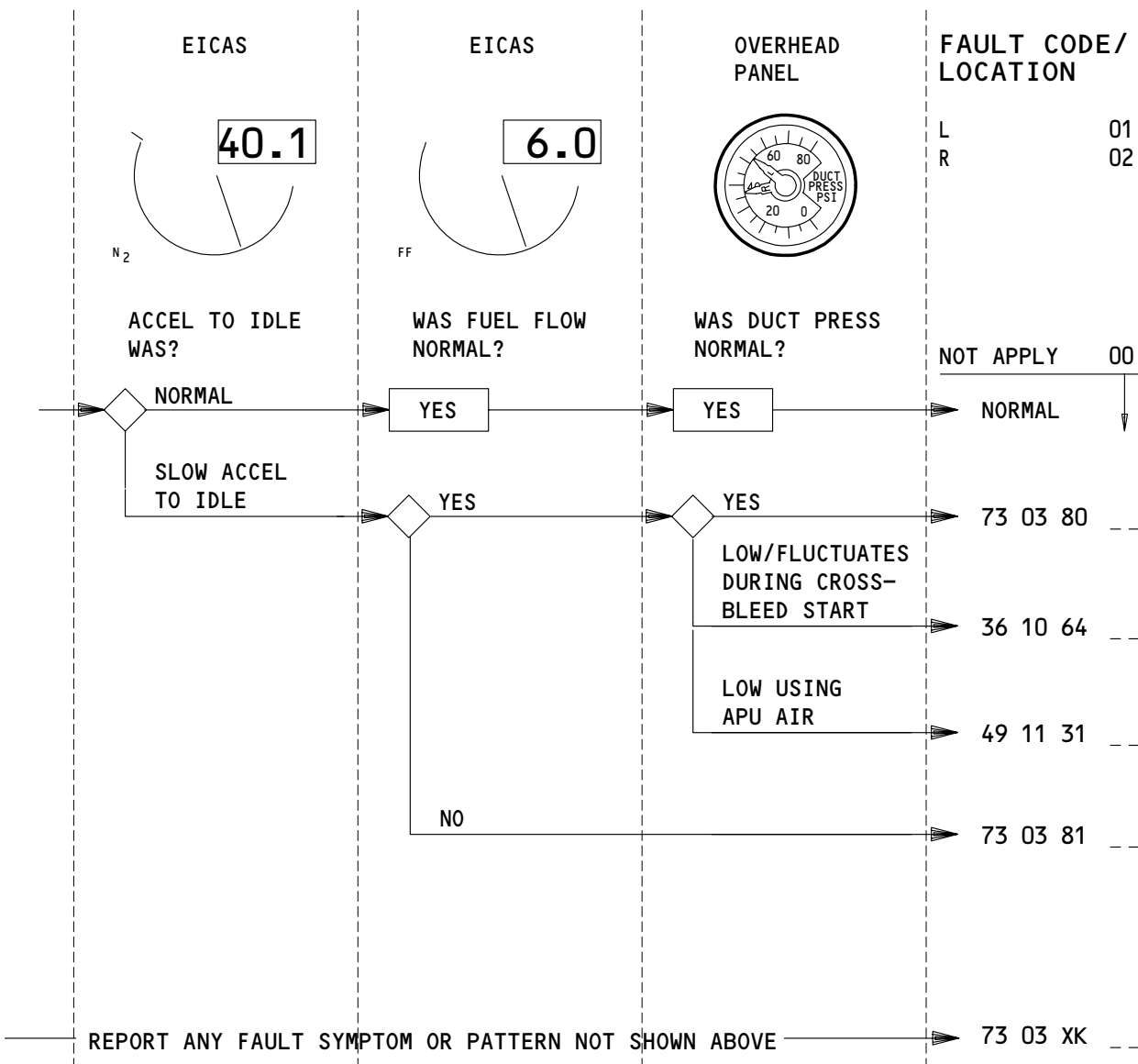
- | 73 03 XJ -- Report no EGT rise/wet start symptoms or patterns along with fault code.

| NO EGT RISE/WET START – LOG BOOK REPORTS

EFFECTIVITY
PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

NONE

SLOW ACCEL TO IDLE - FAULT CODES

EFFECTIVITY
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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

73 03 80 __ (01=L, 02=R) eng slow accel to idle. F/F and duct press were normal.

36 10 64 __ (01=L, 02=R) eng slow accel to idle during crossbleed start. Duct press (low, fluctuates), ____ psi.

49 11 31 __ (01=L, 02=R) eng slow accel to idle. APU duct pressure low, ____psi.

73 03 81 __ (01=L, 02=R) eng slow accel to idle. F/F was abnormal.

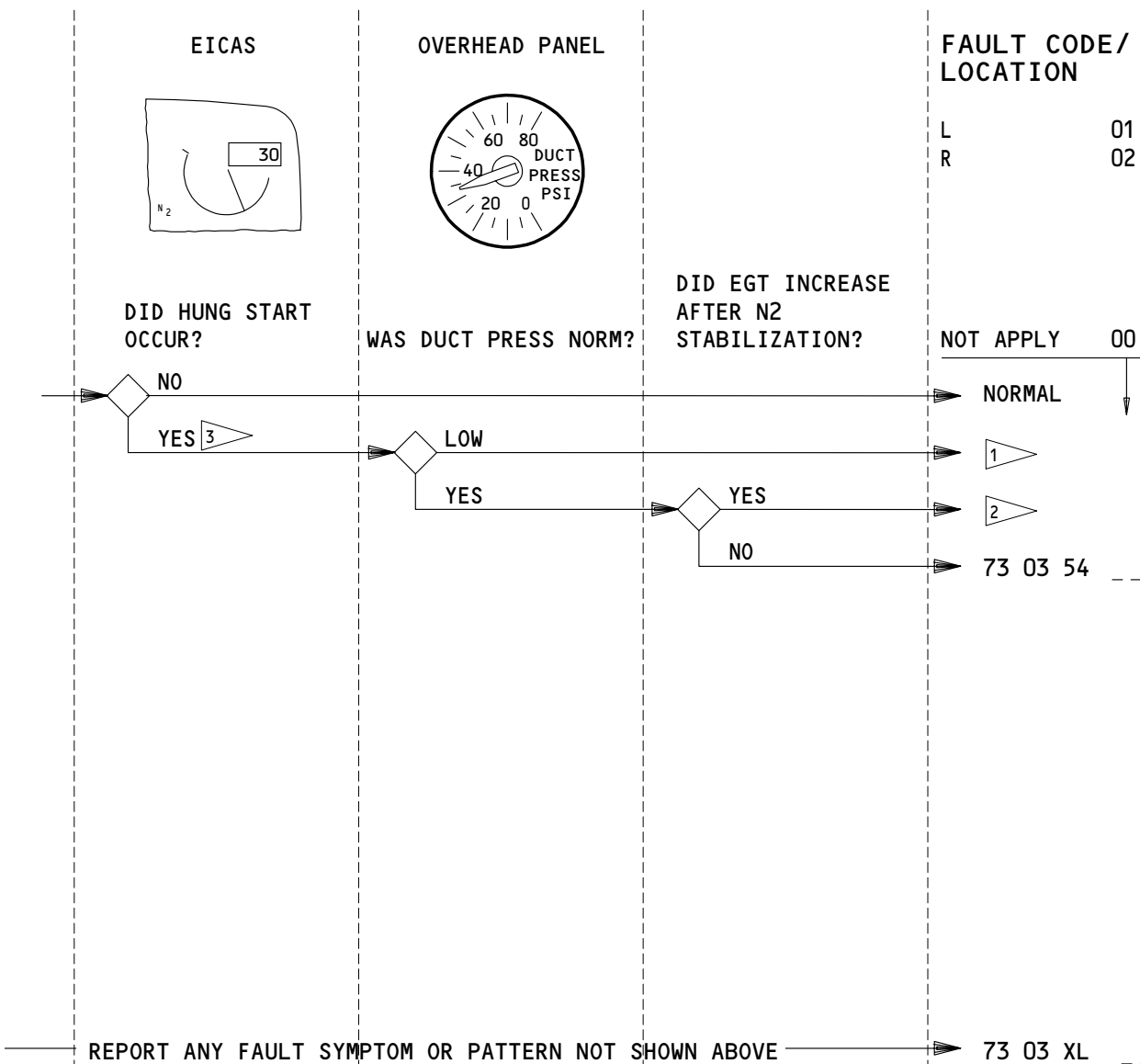
73 03 XK __ Report slow accel to idle symptoms or patterns along with fault code.

SLOW ACCEL TO IDLE - LOG BOOK REPORTS

EFFECTIVITY
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FAULT REPORTING MANUAL



- 1 SEE PNEUMATICS CHAPTER "APU PNEUMATIC SUPPLY" FAULT CODES.
- 2 SEE "IMPENDING HOT START" FAULT CODES.
- 3 IF "(L, R) ENG PRV" EICAS MESSAGE IS DISPLAYED, SEE PNEUMATIC CHAPTER FAULT CODES.

APPLICABLE CIRCUIT BREAKERS
 NONE

HUNG START – FAULT CODES

EFFECTIVITY
 PW4000 SERIES ENGINE

BOEING 767
FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

73 03 54 __ (01=L, 02=R) eng hung start before starter cutout. EGT did not increase after N2 stabilization.

73 03 XL __ Report hung start symptoms or patterns along with fault code.

HUNG START - LOG BOOK REPORTS

EFFECTIVITY

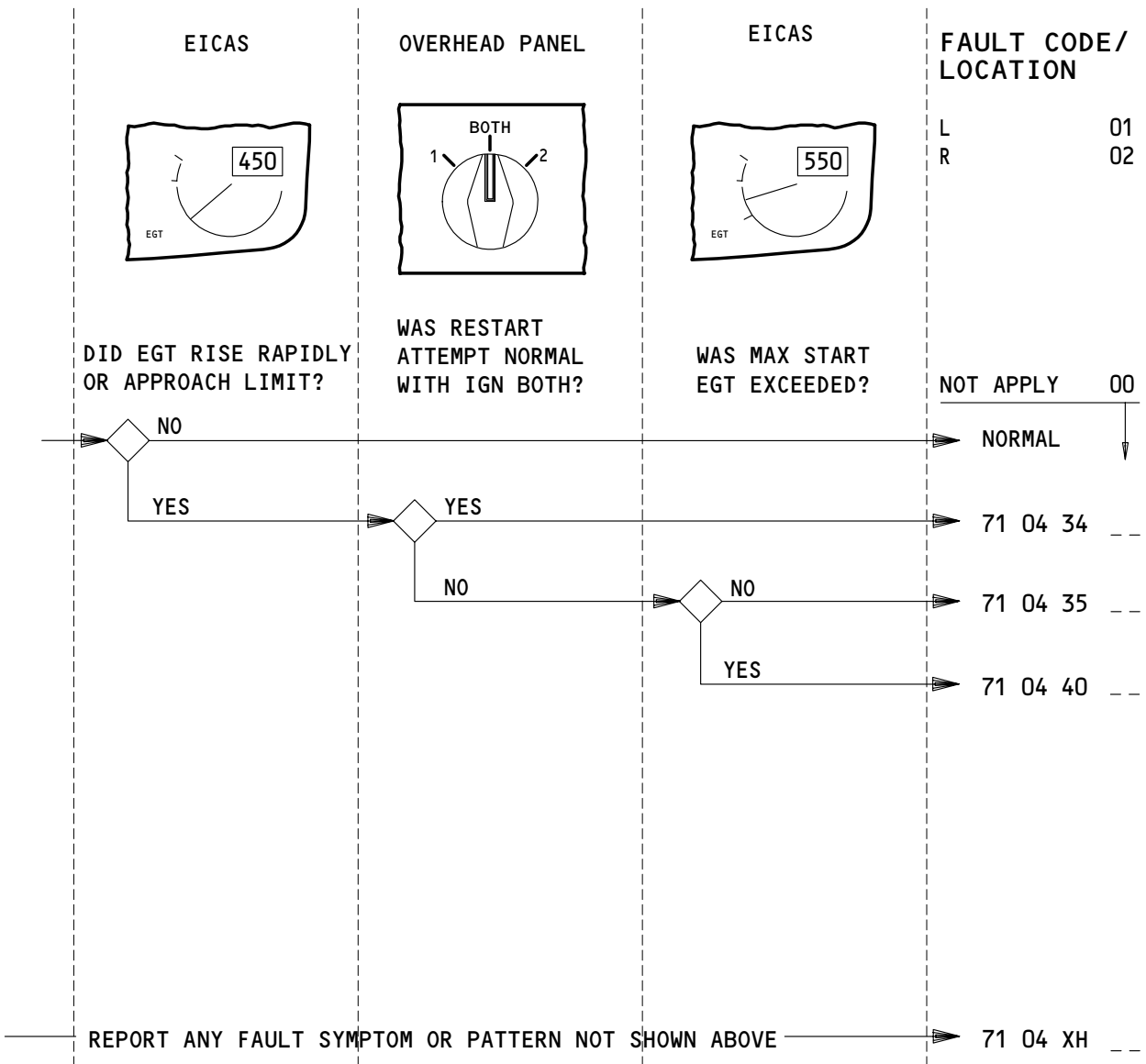
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APPLICABLE CIRCUIT BREAKERS

NONE

IMPENDING HOT START/HOT START - FAULT CODES

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

71 04 34 __ (01=L, 02=R) eng impending hot start using ignition selector (1, 2).
Start aborted. Restart normal with IGN BOTH.

71 04 35 __ (01=L, 02=R) eng impending hot start. Restart not normal with IGN
BOTH.

71 04 40 __ (01=L, 02=R) eng EGT exceeded start limits.

71 04 XH __ Report impending hot start symptoms or patterns along with
fault code.

IMPENDING HOT START/HOT START – LOG BOOK REPORTS

EFFECTIVITY

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FAULT REPORTING MANUAL

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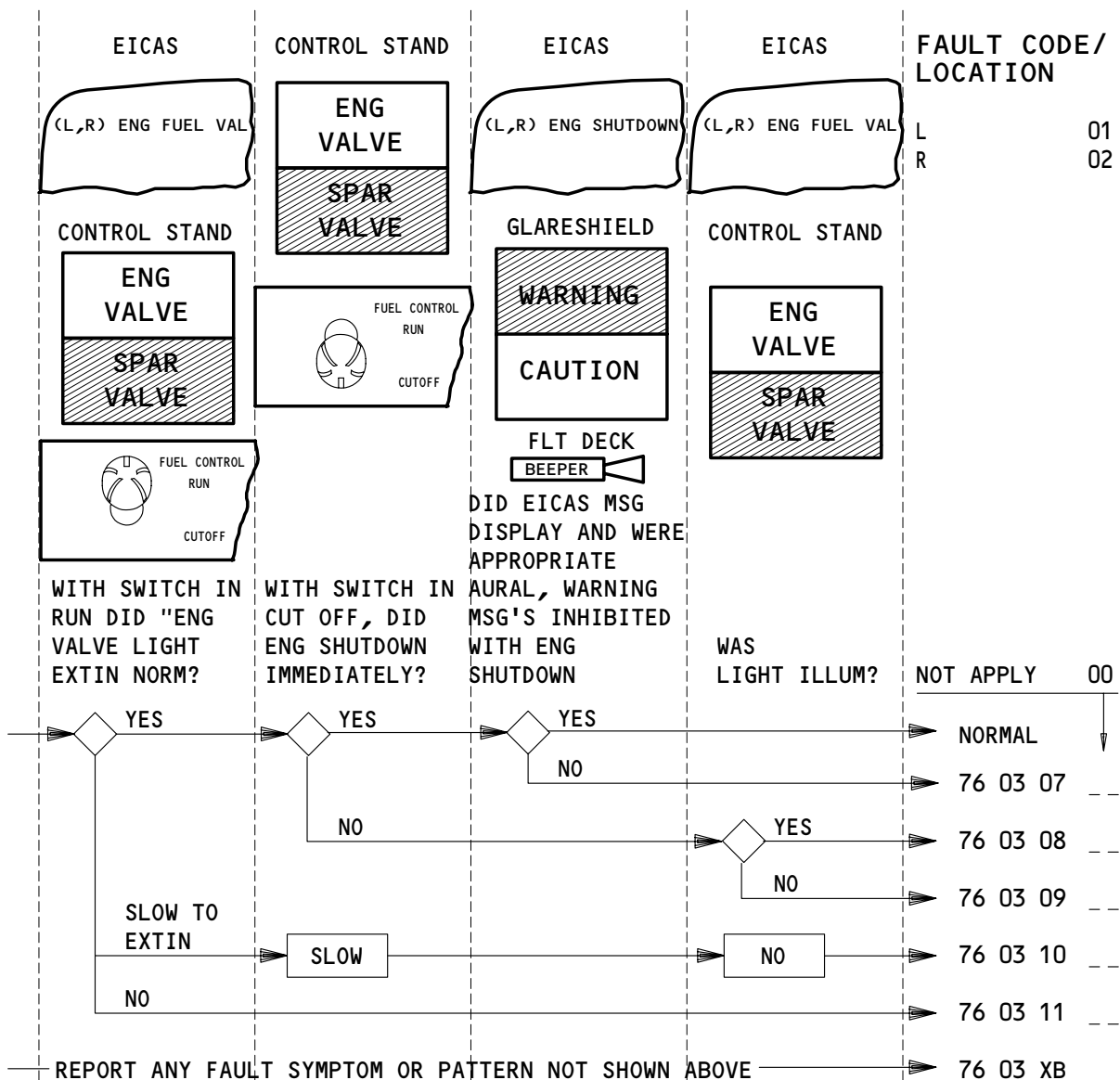
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FAULT REPORTING MANUAL



APPLICABLE CIRCUIT BREAKERS

11D25	ENGINE FUEL CONT VLV & EEC CHAN B RESET L
11D26	ENGINE FUEL CONT VLV & EEC CHAN B RESET R

FUEL CONTROL SWITCH - FAULT CODES

EFFECTIVITY
PW4000 SERIES ENGINE

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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

- 76 03 07 -- EICAS msg (01=L, 02=R) ENG SHUT DOWN did not display and aural warning and appropriate eng related msgs were not inhibited with eng shutdown.
- 76 03 08 -- (01=L, 02=R) eng did not shut down immediately with fuel control switch in CUTOFF pos. ENG VALVE light remained illuminated. EICAS MSG: (L, R) ENG FUEL VAL displayed.
- 76 03 09 -- (01=L, 02=R) eng did not shut down immediately with fuel control switch in CUTOFF pos. ENG VALVE light extinguished.
- 76 03 10 -- (01=L, 02=R) ENG VALVE light slow to extin. Eng slow to start and shut down.
- | 76 03 11 -- (01=L, 02=R) ENG VALVE light remained illuminated with fuel control switch in RUN pos. EICAS MSG: (L, R) ENG FUEL VAL displayed.
- 76 03 XB -- Report fuel control switch symptoms or patterns along with fault code.

FUEL CONTROL SWITCH - LOG BOOK REPORTS

EFFECTIVITY
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FAULT REPORTING MANUAL

FAULT CODE

LOG BOOK REPORT

79 03 30 __ EICAS msg (01=L, 02=R) ENG A/O VAL displayed.
73 03 64 __ EICAS msg (01=L, 02=R) EEC TEST PWR displayed.
73 03 65 __ EICAS msg (01=L, 02=R) ENG FUEL FILT displayed.

ENGINE EICAS MESSAGES – LOG BOOK REPORTS

EFFECTIVITY

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