



Fault Reporting Manual

Hapag-Lloyd Flug GmbH

This document has EAR data with Export Control Classification Numbers (ECCN) of: 9E991

Export of this technology is controlled under the United States Export Administration Regulations (EAR) (15 CFR 730-774). An export license may be required before it is used for development, production or use by foreign persons from specific countries. The controller of this data has the individual responsibility to abide by all export laws.

BOEING PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET

Copyright © 1997 The Boeing Company
Unpublished Work - All Rights Reserved

Boeing claims copyright in each page of this document only to the extent that the page contains copyrightable subject matter. Boeing also claims copyright in this document as a compilation and/or collective work.

This document includes proprietary information owned by The Boeing Company and/or one or more third parties. Treatment of the document and the information it contains is governed by contract with Boeing. For more information, contact The Boeing Company, P.O. Box 3707, Seattle, Washington 98124.

Boeing, the Boeing signature, the Boeing symbol, 707, 717, 727, 737, 747, 757, 767, 777, 787, Dreamliner, BBJ, DC-8, DC-9, DC-10, KC-10, KDC-10, MD-10, MD-11, MD-80, MD-88, MD-90, P-8A, Poseidon and the Boeing livery are all trademarks owned by The Boeing Company; and no trademark license is granted in connection with this document unless provided in writing by Boeing.

DOCUMENT D633A113-HAP

ORIGINAL ISSUE DATE: AUGUST 5, 1997
PUBLISHED BY BOEING COMMERCIAL AIRPLANES GROUP, SEATTLE,
WASHINGTON, USA
A DIVISION OF THE BOEING COMPANY
PAGE DATE: Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

This manual is applicable to the aircraft in this list:

Model-Series	Operator		Manufacturer			Registration Number
	Identification Code	Effectivity Code	Block Number	Serial Number	Line Number	
737-8K5	HAP	001	YC003	27977	9	D-AHFC
737-8K5	HAP	002	YC004	27978	40	D-AHFD
737-8K5	HAP	003	YC005	27979	44	D-AHFE
737-8K5	HAP	004	YC006	27980	45	D-AHFF
737-8K5	HAP	005	YC007	27989	59	D-AHFG
737-8K5	HAP	006	YC001	27981	7	D-AHFA
737-8K5	HAP	007	YC002	27982	8	D-AHFB
737-8K5	HAP	008	YC008	27983	218	D-AHFH
737-8K5	HAP	009	YC009	27984	220	D-AHFI
737-8K5	HAP	010	YC010	27990	246	CN-RPE
737-8K5	HAP	011	YC011	27991	248	HA-LKC
737-8K5	HAP	012	YC012	27985	470	HA-LKD
737-8K5	HAP	013	YC013	27986	474	D-AHFM
737-8K5	HAP	015	YC015	27987	499	D-AHFO
737-8K5	HAP	016	YC016	27988	508	D-AHFP
737-8K5	HAP	017	YC017	27992	523	D-AHFQ
737-8K5	HAP	018	YC019	28623	556	D-AHFS
737-8K5	HAP	019	YC018	30593	528	D-AHFR
737-8K5	HAP	020	YC020	30413	636	D-AHFT
737-8K5	HAP	021	YC021	30414	703	D-AHFU
737-8K5	HAP	022	YC022	30415	719	D-AHJV
737-8K5	HAP	023	YC023	30882	760	D-AHFW
737-8K5	HAP	024	YC024	30416	778	D-AHFX

EFFECTIVE AIRCRAFT

Page 1

D633A113-HAP

Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

Model-Series	Operator		Manufacturer			Registration Number
	Identification Code	Effectivity Code	Block Number	Serial Number	Line Number	
737-8K5	HAP	025	YC025	30417	781	D-AHFY
737-8K5	HAP	026	YC026	30883	783	D-AHFZ
737-8K5	HAP	028	YC028	32905	1046	D-AHLP
737-8K5	HAP	029	YC029	32906	1087	D-AHLQ
737-8K5	HAP	030	YC030	32907	1117	D-AHLR
737-8K5	HAP	031	YK901	34684	1870	D-ATUC
737-8K5	HAP	032	YK902	34685	1901	D-ATUD
737-8K5	HAP	033	YK903	34686	1903	D-ATUE
737-8K5	HAP	034	YK904	34687	1907	D-ATUF
737-8K5	HAP	035	YK905	34688	1909	D-ATUG
737-8K5	HAP	036	YK906	34689	1935	D-ATUH
737-8K5	HAP	037	YK907	34690	2184	G-FDZJ
737-8K5	HAP	038	YL421	35134	2152	G-FDZA
737-8K5	HAP	039	YK908	34691	2246	G-FDZO
737-8K5	HAP	040	YK909	34692	2249	G-FDZP
737-8K5	HAP	041	YK910	35133	2313	OO-JAF
737-8K5	HAP	042	YL422	35131	2242	G-FDZB
737-8K5	HAP	043	YL423	35132	2276	G-FDZD
737-8K5	HAP	044	YL424	35137	2482	G-FDZE
737-8K5	HAP	045	YL425	35138	2499	G-FDZF
737-8K5	HAP	046	YL426	35139	2538	G-FDZG
737-8K5	HAP	047	YK911	35142	2660	OO-JBG
737-8K5	HAP	048	YL401	35143	2763	D-AHLK
737-8K5	HAP	049	YK912	35148	2790	OO-JAQ
737-8K5	HAP	050	YK919	35149	2820	PH-TFB

EFFECTIVE AIRCRAFT

Page 2

D633A113-HAP

Oct 15/2008

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details



737-600/700/800/900

FAULT REPORTING MANUAL

Model-Series	Operator		Manufacturer			Registration Number
	Identification Code	Effectivity Code	Block Number	Serial Number	Line Number	
737-8K5	HAP	051	YL427	35145	2849	G-FDZR
737-8K5	HAP	052	YL428	35147	2866	G-FDZS
737-8K5	HAP	053	YL429	35146	2875	PH-TFC
737-8K5	HAP	054	YK918	35100	2424	PH-TFA
737-7K5	HAP	101	YM643	34693	2260	D-AHXC
737-7K5	HAP	102	YM645	35135	2451	D-AHXE
737-7K5	HAP	103	YM646	35136	2465	D-AHXF
737-7K5	HAP	104	YM647	35140	2575	D-AHXG
737-7K5	HAP	105	YM649	35141	2603	D-AHXI
737-7K5	HAP	106	YM651	35144	2652	D-AHXX
737-7K5	HAP	107	YM652	35150	2825	OO-JAR

EFFECTIVE AIRCRAFT



737-600/700/800/900

FAULT REPORTING MANUAL

Hapag-Lloyd Flug GmbH
HAP

Revision No. 39

Jun 15/2009

To: All holders of this Boeing Document D633A113-HAP

Attached is the current revision to the Boeing 737-600/700/800/900 Fault Reporting Manual.

The Fault Reporting Manual (FRM) is furnished either as a printed manual, on microfilm, or digital products, or any combination of the three. This revision replaces all previous microfilm cartridges or digital products. All microfilm and digital products are reissued with all obsolete data deleted and all updated pages added.

For printed manuals, changes are indicated on the List of Effective Pages (LEP). The pages which are revised will be identified on the LEP by an R (Revised), A (Added), O (Overflow, i.e. changes to the document structure and/or page layout), or D (Deleted). The pages that contain customer originated data will be identified on the LEP by a C (COC). Each page in the LEP is identified by Chapter-Section-Subject number, page number and page date.

Pages replaced or made obsolete by this revision should be removed and destroyed.

ATTENTION

IF YOU RECEIVE PRINTED REVISIONS, PLEASE VERIFY THAT YOU HAVE RECEIVED AND FILED THE PREVIOUS REVISION. BOEING MUST BE NOTIFIED WITHIN 30 DAYS IF YOU HAVE NOT RECEIVED THE PREVIOUS REVISION. REQUESTS FOR REVISIONS OTHER THAN THE PREVIOUS REVISION WILL REQUIRE A COMPLETE MANUAL REPRINT SUBJECT TO REPRINT CHARGES SHOWN IN THE DATA AND SERVICES CATALOG.

TRANSMITTAL LETTER

Page 1

Jun 15/2009

D633A113-HAP



737-600/700/800/900

FAULT REPORTING MANUAL

TEMPORARY REVISIONS

Remove any Temporary Revisions that have a date earlier than the date of this revision.

Do not remove any Temporary Revisions (TRs) that have a date later than the date of this revision. TRs with a later date will be incorporated into the next revision of the manual (unless they are superseded by a subsequent TR).

A TR status report is sent with each TR. The TR status report has a list of all TRs that were sent for this manual during the last two revision cycles. At the top of the list is the date and time that the list was created.

When you have more than one TR, the TR status report with the latest date and time gives you the most current information.

TRANSMITTAL LETTER

Page 2

D633A113-HAP

Feb 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

Page	Date	COC	Page	Date	COC
TITLE PAGE			OBSERVED FAULTS (cont)		
R 1	Jun 15/2009		5	Oct 15/2008	
2	BLANK		6	Oct 15/2008	
EFFECTIVE AIRCRAFT			7	Oct 15/2008	
1	Oct 15/2008		8	Oct 15/2008	
2	Oct 15/2008		9	Oct 15/2008	
R 3	Jun 15/2009		10	Oct 15/2008	
4	BLANK		11	Oct 15/2008	
TRANSMITTAL LETTER			12	Oct 15/2008	
R 1	Jun 15/2009		13	Oct 15/2008	
2	Feb 15/2008		14	Oct 15/2008	
EFFECTIVE PAGES			15	Oct 15/2008	
1 thru 4	Jun 15/2009		16	Oct 15/2008	
REVISION RECORD			17	Oct 15/2008	
1	Feb 10/2005		18	Oct 10/2005	
2	Feb 10/2005		19	Oct 10/2005	
RECORD OF TEMPORARY REVISIONS			R 20	Jun 15/2009	
1	Feb 10/2005		O 21	Jun 15/2009	
2	Feb 10/2005		O 22	Jun 15/2009	
INTRODUCTION			O 23	Jun 15/2009	
1	Feb 10/2006		O 24	Jun 15/2009	
2	Feb 10/2005		O 25	Jun 15/2009	
3	Feb 10/2005		O 26	Jun 15/2009	
4	Feb 10/2005		O 27	Jun 15/2009	
5	Feb 10/2005		O 28	Jun 15/2009	
6	Feb 10/2005		O 29	Jun 15/2009	
OBSERVED FAULTS			O 30	Jun 15/2009	
1	Oct 15/2008		O 31	Jun 15/2009	
2	Oct 15/2008		O 32	Jun 15/2009	
3	Oct 15/2008		O 33	Jun 15/2009	
4	Oct 15/2008		O 34	Jun 15/2009	

A = Added, R = Revised, D = Deleted, O = Overflow, C = Customer Originated

EFFECTIVE PAGES

Page 1

Jun 15/2009

D633A113-HAP

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details



737-600/700/800/900

FAULT REPORTING MANUAL

Page	Date	COC	Page	Date	COC
OBSERVED FAULTS (cont)			OBSERVED FAULTS (cont)		
O 35	Jun 15/2009		O 65	Jun 15/2009	
O 36	Jun 15/2009		O 66	Jun 15/2009	
O 37	Jun 15/2009		O 67	Jun 15/2009	
O 38	Jun 15/2009		O 68	Jun 15/2009	
O 39	Jun 15/2009		O 69	Jun 15/2009	
O 40	Jun 15/2009		O 70	Jun 15/2009	
O 41	Jun 15/2009		O 71	Jun 15/2009	
O 42	Jun 15/2009		O 72	Jun 15/2009	
O 43	Jun 15/2009		O 73	Jun 15/2009	
O 44	Jun 15/2009		O 74	Jun 15/2009	
O 45	Jun 15/2009		O 75	Jun 15/2009	
O 46	Jun 15/2009		O 76	Jun 15/2009	
O 47	Jun 15/2009		O 77	Jun 15/2009	
O 48	Jun 15/2009		O 78	Jun 15/2009	
O 49	Jun 15/2009		O 79	Jun 15/2009	
O 50	Jun 15/2009		O 80	Jun 15/2009	
O 51	Jun 15/2009		O 81	Jun 15/2009	
O 52	Jun 15/2009		O 82	Jun 15/2009	
O 53	Jun 15/2009		O 83	Jun 15/2009	
O 54	Jun 15/2009		O 84	Jun 15/2009	
O 55	Jun 15/2009		O 85	Jun 15/2009	
O 56	Jun 15/2009		O 86	Jun 15/2009	
O 57	Jun 15/2009		O 87	Jun 15/2009	
O 58	Jun 15/2009		O 88	Jun 15/2009	
O 59	Jun 15/2009		O 89	Jun 15/2009	
O 60	Jun 15/2009		O 90	Jun 15/2009	
O 61	Jun 15/2009		O 91	Jun 15/2009	
O 62	Jun 15/2009		O 92	Jun 15/2009	
O 63	Jun 15/2009		O 93	Jun 15/2009	
O 64	Jun 15/2009		O 94	Jun 15/2009	

A = Added, R = Revised, D = Deleted, O = Overflow, C = Customer Originated

EFFECTIVE PAGES

D633A113-HAP

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

Page 2
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

Page	Date	COC	Page	Date	COC
OBSERVED FAULTS (cont)			OBSERVED FAULTS (cont)		
O 95	Jun 15/2009		O 98.27	Jun 15/2009	
O 96	Jun 15/2009		O 98.28	Jun 15/2009	
O 97	Jun 15/2009		O 98.29	Jun 15/2009	
O 98	Jun 15/2009		O 98.30	Jun 15/2009	
O 98.1	Jun 15/2009		O 98.31	Jun 15/2009	
O 98.2	Jun 15/2009		O 98.32	Jun 15/2009	
O 98.3	Jun 15/2009		O 98.33	Jun 15/2009	
O 98.4	Jun 15/2009		O 98.34	Jun 15/2009	
O 98.5	Jun 15/2009		O 98.35	Jun 15/2009	
O 98.6	Jun 15/2009		O 98.36	Jun 15/2009	
O 98.7	Jun 15/2009		O 98.37	Jun 15/2009	
O 98.8	Jun 15/2009		O 98.38	Jun 15/2009	
O 98.9	Jun 15/2009		O 98.39	Jun 15/2009	
O 98.10	Jun 15/2009		O 98.40	Jun 15/2009	
O 98.11	Jun 15/2009		O 98.41	Jun 15/2009	
O 98.12	Jun 15/2009		O 98.42	Jun 15/2009	
O 98.13	Jun 15/2009		O 98.43	Jun 15/2009	
O 98.14	Jun 15/2009		O 98.44	Jun 15/2009	
O 98.15	Jun 15/2009		O 98.45	Jun 15/2009	
O 98.16	Jun 15/2009		O 98.46	Jun 15/2009	
O 98.17	Jun 15/2009		O 98.47	Jun 15/2009	
O 98.18	Jun 15/2009		O 98.48	Jun 15/2009	
O 98.19	Jun 15/2009		O 98.49	Jun 15/2009	
O 98.20	Jun 15/2009		O 98.50	Jun 15/2009	
O 98.21	Jun 15/2009		O 98.51	Jun 15/2009	
O 98.22	Jun 15/2009		R 98.52	Jun 15/2009	
O 98.23	Jun 15/2009		O 98.53	Jun 15/2009	
O 98.24	Jun 15/2009		O 98.54	Jun 15/2009	
O 98.25	Jun 15/2009		O 98.55	Jun 15/2009	
O 98.26	Jun 15/2009		O 98.56	Jun 15/2009	

A = Added, R = Revised, D = Deleted, O = Overflow, C = Customer Originated

EFFECTIVE PAGES

Page 3

Jun 15/2009

D633A113-HAP

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details



737-600/700/800/900

FAULT REPORTING MANUAL

Page	Date	COC	Page	Date	COC
OBSERVED FAULTS (cont)			CABIN FAULT LOCATOR		
A 98.57	Jun 15/2009		1	Feb 10/2005	
A 98.58	BLANK		2	Feb 10/2005	
CABIN FAULTS					
1	Jun 10/2005				
2	Jun 10/2005				
3	Jun 10/2005				
4	Jun 10/2005				
5	Jun 10/2005				
6	Jun 10/2005				
7	Jun 10/2005				
8	Jun 10/2005				
9	Jun 10/2005				
10	Jun 10/2005				
11	Jun 10/2005				
12	Jun 10/2005				
13	Jun 10/2005				
14	Jun 10/2005				
15	Jun 10/2005				
16	Jun 10/2005				
17	Jun 10/2005				
18	Jun 10/2005				
19	Jun 10/2005				
20	Jun 10/2005				
21	Jun 10/2005				
22	Jun 10/2005				
23	Jun 10/2005				
24	Jun 10/2005				
25	Jun 10/2005				
26	BLANK				

A = Added, R = Revised, D = Deleted, O = Overflow, C = Customer Originated

EFFECTIVE PAGES

Page 4

Jun 15/2009

D633A113-HAP

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details



All revisions to this manual will be accompanied by transmittal sheet bearing the revision number. Enter the revision number in numerical order, together with the revision date, the date filed and the initials of the person filing.

[illegible]

Page 1

Feb 10/2005

D633A113-HAP

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

737-600/700/800/900

FAULT REPORTING MANUAL

[illegible]

REVISION RECORD



737-600/700/800/900

FAULT REPORTING MANUAL

All temporary revisions to this manual will be accompanied by a cover sheet bearing the temporary revision number. Enter the temporary revision number in numerical order, together with the temporary revision date, the date the temporary revision is inserted and the initials of the person filing.

When the temporary revision is incorporated or cancelled, and the pages are removed, enter the date the pages are removed and the initials of the person who removed the temporary revision.

Temporary Revision		Inserted		Removed	
Number	Date	Date	Initials	Date	Initials

RECORD OF TEMPORARY REVISION

[illegible]

Page 2

D633A113-HAP

Feb 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

INTRODUCTION

1. GENERAL

- A. This publication was prepared by the Boeing Commercial Airplane Group in accordance with Air Transport Association of America Specification No. 100, Specification for Manufacturers' Technical Data. It contains information required to reports faults in the systems and equipment installed in the 737-600/700/800/900 family of airplanes.

NOTE: "THIS MANUAL IS PREPARED SPECIFICALLY TO COVER THE BOEING AIRPLANES LISTED IN THE 'LIST OF EFFECTIVE AIRPLANES' SECTION, FOR THE OPERATOR NAMED ON THE TITLE PAGE. IT CONTAINS INSTRUCTIONS AND INFORMATION APPLICABLE SOLELY TO THOSE SPECIFIC AIRPLANES, IN THEIR AS-DELIVERED CONFIGURATION PLUS ANY APPLICABLE BOEING SERVICE BULLETINS OR OTHER OPERATOR CHANGES THE INCORPORATION OF WHICH THE NAMED OPERATOR HAS NOTIFIED BOEING. THE NAMED OPERATOR IS SOLELY RESPONSIBLE FOR THE ACCURACY AND VALIDITY OF ALL INFORMATION FURNISHED BY THE NAMED OPERATOR OR ANY OTHER PARTY BESIDES BOEING AND, IF IN RECEIPT OF ACTIVE REVISION SERVICE, THAT ANY MODIFICATIONS TO THE AIRPLANE ARE PROPERLY REFLECTED IN THE MAINTENANCE INSTRUCTIONS CONTAINED IN THIS MANUAL. OPERATORS ARE RESPONSIBLE FOR ENSURING THAT THE MAINTENANCE DOCUMENTATION THEY ARE USING IS COMPLETE AND MATCHES THE CURRENT CONFIGURATION OF THE AIRPLANE. THE BOEING COMPANY ASSUMES NO RESPONSIBILITY IN THIS REGARD. CUSTOMIZATION DOES NOT TRACK THE CONFIGURATION OF AIRCRAFT LISTED ON THE LIST OF EFFECTIVE AIRPLANES PAGE THAT HAVE BEEN CONVEYED TO ANOTHER OPERATOR. THIS MANUAL IS NOT SUITABLE FOR USE, INCLUDING WITHOUT LIMITATION, GENERAL INSTRUCTIONS OR TRAINING, FOR ANY AIRPLANES NOT LISTED HEREIN, NOR DOES IT NECESSARILY APPLY TO LISTED AIRPLANES THAT HAVE BEEN CONVEYED TO OTHER OPERATORS."

INTRODUCTION



737-600/700/800/900

FAULT REPORTING MANUAL

- B. Communications concerning this publication should be directed to Boeing Commercial Airplane Group; Attention: Manager, Maintenance Engineering Technical Services. However, to expedite a reply to the proper Boeing organization, it is requested that you use the Publications Change Request form. This form, supplied by Boeing, is available to you through your publications organization or access it on MyBoeingFleet at: https://www.myboeingfleet.com:443/boldweb/pcr_select.bhtml (user Id and password required). For an account, contact your companies MyBoeingFleet.com Account Administrator or contact Digital Data Customer Support at 1-206-544-9990. You can also e-mail requests directly into the Boeing Communication (Boecom) System at this address: ame.boecom@boeing.com. Please provide this information: airline name, your name, phone number, e-mail address, airplane model-type, title of manual or document number, ATA chapter-section-subject, and the description of the change requested.
- C. The Fault Reporting Manual and the Fault Isolation Manual together provide a structured method for the airplane operator to report and correct faults in airplane systems. The manuals are linked by a unique 8-digit fault code for each fault.
- (1) The Fault Reporting Manual (FRM) is primarily for the flight crews and the cabin crews. It contains two alphabetical lists of faults, with a fault code for each fault.
 - (2) The Fault Isolation Manual (FIM) is for the maintenance crews. It contains alphabetical lists and numerical indexes of all the faults given in the FRM. The FIM also has a fault isolation procedure for each of the faults.

2. Types of Faults

A. Observed Faults

- (1) Observed faults are the problem symptoms sensed by the flight crew or the maintenance crew. These are the types of observed faults:
 - (a) Faults that show on the pilots' panels and displays:
 - 1) Fault lights
 - 2) Failure and alert flags
 - 3) Alert messages
 - 4) Indicated values that are not normal.
 - (b) Flight crew observations in the flight compartment or during pre-flight inspections
 - (c) Servicing crew observations
 - (d) Ground maintenance crew observations.

B. Cabin Faults

INTRODUCTION



737-600/700/800/900

FAULT REPORTING MANUAL

- (1) Cabin faults are the problem symptoms which can occur with the systems and equipment in the passenger cabin.

3. FRM Content (Fig. 1)

A. Frontmatter

- (1) List of Effective Airplanes
- (2) Transmittal Letter
- (3) List of Effective Pages
- (4) Revision Record
- (5) Introduction

B. Observed Faults

- (1) The Observed Faults section is in alphabetical order by fault description. For each fault description, it gives the fault code.
- (2) Each fault description starts with a keyword. It is possible that different users of the FRM will think of a different keyword to describe a given fault. Because of this, you can find a specific fault in several locations in the list, with a different keyword at each location. For example, you will find each of these fault descriptions in the list, with the same fault code for each one:
 - (a) Circuit breaker panel light: does not come on.
 - (b) Panel light, circuit breaker: does not come on.
 - (c) Light, circuit breaker panel: does not come on.

C. Cabin Faults

- (1) The Cabin Faults list is divided into sections by system. These are the cabin systems:
 - (a) Communications
 - (b) Doors/Windows
 - (c) Emergency Equipment
 - (d) Galleys
 - (e) In-flight Entertainment
 - (f) Lights
 - (g) Miscellaneous
 - (h) Seats
 - (i) Toilets/Lavatories

INTRODUCTION



737-600/700/800/900

FAULT REPORTING MANUAL

- (2) For each system, there is an alphabetical list of components. For each component, there is a series of possible problem and a fault code for each problem. The final 3 digits of the fault code for any cabin fault is "—", which allows the user to insert a location code there.
- (3) At the end of the Cabin Faults section there are illustrations which give a 3-digit location code for each piece of cabin equipment.

INTRODUCTION

Page 4

D633A113-HAP

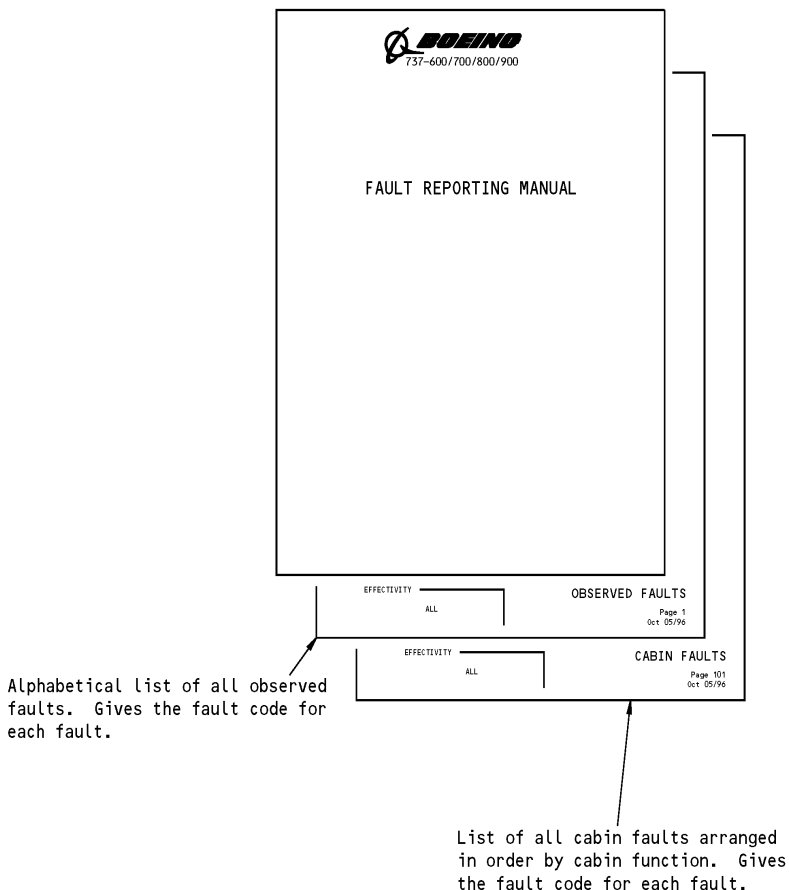
Feb 10/2005

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details



737-600/700/800/900

FAULT REPORTING MANUAL



Sections of the FRM
Figure 1

INTRODUCTION

Page 5

Feb 10/2005

D633A113-HAP

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details



737-600/700/800/900

FAULT REPORTING MANUAL

4. Using the FRM to Report Faults

- A. When a fault occurs, the flight crew must do all applicable operations manual procedures before using the FRM. The FRM does not take precedence over any Boeing Operations, Flight, or Minimum Equipment List documents.
- B. To find a fault in the FRM, go to the applicable section and look for the text which matches the fault. Find the fault code on the same line as the fault description. Write this fault code in the airplane log book.
 - (1) It is possible to send the fault code ahead to the destination before the airplane lands. This allows the maintenance crew to prepare for isolation of the fault.
 - (2) You can send the message to the destination with voice radio or with the Aircraft Communications Addressing and Reporting System (ACARS).

INTRODUCTION



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

A/P amber warning annunciator light	
• light on flashing, autopilot went to CWS mode	221 020 00
A/P red warning annunciator light	
• light on steady	221 010 00
A/T amber warning annunciator light	
• light on flashing	223 120 00
A/T LIMIT indication shows on autothrottle thrust mode display	223 220 00
AC and DC metering panel	
• has missing segments	243 030 00
ACARS	
• does not operate correctly	232 310 00
Accessory compartment light	
• does not come on	333 050 00
• does not go off	333 051 00
ADF	
• audio problem	
- no. 1	345 310 01
• bearing pointer 1 does not show, ADF flag does not show	
- no. 1	345 370 01
• indication blank	
- no. 1 captain's	345 320 31
- no. 1 captain's and first officer's	345 320 48
- no. 1 first officer's	345 320 32
• tone problem	
- no. 1	345 340 01

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 1
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

ADF control panel problem	345 380 00
ADF flag shows on the display	
- no. 1 captain's	345 350 31
- no. 1 first officer's	345 350 32
ADF flag shows on the radio magnetic indicator	342 430 00
AFT cargo fire light	
• light on (false alarm)	261 225 45
AFT SUPPLY DUCT air temperature indication is not correct	216 170 00
AFT ZONE CABIN air temperature indication is not correct	216 120 00
Aileron	
• does not go back to neutral	
- left	271 060 41
- left and right	271 060 48
- right	271 060 42
• does not move to full travel	
- left	271 010 41
- left and right	271 010 48
- right	271 010 42
• does not operate	
- left	271 020 41
- left and right	271 020 48
- right	271 020 42
• high trim	271 120 00
• slow response to control wheel movement, hydraulic power on	271 110 00
Aileron trim	
• left wing down and right wing down does not operate	271 050 48

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 2
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

- left wing down does not operate 271 050 41
- right wing down does not operate 271 050 42

Air

- no flow from foot outlet
 - captain's 212 020 31
 - first officer's 212 020 32
- no flow from windshield outlet
 - captain's 212 010 31
 - first officer's 212 010 32

Air conditioning compartment light

- does not come on
 - left 333 030 41
 - right 333 030 42
- does not go off
 - left 333 031 41
 - right 333 031 42

Air inlet door, for the APU

- does not fully open or fully close 491 010 00

Air mix valve indicator

- does not operate, pointer does not move, temperature is OK
 - CONT CABIN 216 010 00
 - PASS CABIN 216 020 00

Air mode

- shows with the airplane on the ground 320 020 00

Air outlet, foot

- no flow
 - captain's 212 020 31

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 3
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- first officer's	212 020 32
Air outlet, windshield	
• no flow	
- captain's	212 010 31
- first officer's	212 010 32
AIR TEMP indication not correct	
- air temperature selector at AFT SUPPLY DUCT	216 170 00
- air temperature selector at AFT ZONE CABIN	216 120 00
- air temperature selector at CONT CAB SUPPLY DUCT	216 140 00
- air temperature selector at FWD SUPPLY DUCT . . .	216 180 00
- air temperature selector at FWD ZONE CABIN	216 130 00
- air temperature selector at PACK L	215 060 00
- air temperature selector at PACK R	215 070 00
- air temperature selector at PASS CABIN	216 190 00
- air temperature selector at SUPPLY DUCT	216 160 00
Airframe	
• vibration or lateral oscillation is excessive	055 170 00
Airspeed display	
• does not show	
- captain's	342 045 31
- first officer's	342 045 32
• minimum maneuver speed or minimum speed on captain's PFD disagrees with first officer's PFD	342 044 00
• shows IAS DISAGREE message	
- captain's	342 046 31
- first officer's	342 046 32

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 4
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

Airstair tread light

- does not come on 334 290 00
- does not go off 334 291 00

ALIGN lights for the L and R IRS

- lights on flashing 342 230 00

ALT DISAGREE message shows on airspeed display

- captain's 342 091 31
- first officer's 342 091 32

ALT flag shows on integrated standby flight display 342 602 00

ALT flag shows on the EFIS display

- captain's 342 080 31
- first officer's 342 080 32

Altitude display

- is blank
 - captain's 342 090 31
 - first officer's 342 090 32
- shows ALT DISAGREE message
 - captain's 342 091 31
 - first officer's 342 091 32

Altitude reporting

- does not operate
 - ATC switch at 1 345 110 01
 - ATC switch at 1 or 2 345 110 48
 - ATC switch at 2 345 110 02

ALTITUDE window display on the mode control panel

- does not change with altitude selector switch change 221 770 00
- does not show 221 780 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 5
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

ALTN mode light for the EEC

- light did not come on during the EEC test
 - engine 1 730 350 51
 - engine 2 730 350 52
- light on
 - engine 1 730 080 51
 - engine 2 730 080 52

Anti-collision (strobe) light

- does not go off
 - left wing 334 250 41
 - right wing 334 250 42
 - tail 334 260 00

Anti-collision light

- does not come on correctly
 - left wing 334 230 41
 - lower 334 270 47
 - right wing 334 230 42
 - tail 334 240 00
 - upper 334 270 46
- does not go off
 - lower 334 280 47
 - upper 334 280 46

ANTISKID INOP light

- light on 324 070 00

APU

- air inlet door does not fully open or fully close 491 010 00
- backfire 492 150 00
- does not start, FAULT light on 492 100 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 6
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

• does not start, MAINT light on	492 110 00
• does not start, no APU indication lights on	492 130 00
• does not start, OVER SPEED light on	492 120 00
• fire false alarm	261 060 00
• fuel valve does not fully open or fully close	493 010 00
• oil consumption high	492 140 00
• Surges during main engine start	492 160 00
• vibration is excessive	491 020 00
APU BITE INOP message shows on the CDU	496 010 00
APU BOTTLE DISCHARGED light for the APU fire extinguishing system	
• light on	262 070 00
APU DET INOP light	
• light on	261 050 00
APU EGT indicator	
• does not operate correctly	497 010 00
APU FAULT light	
• light on, APU had a protective shutdown	492 010 00
• light on, APU operates without a protective shutdown .	492 020 00
APU fire detector fault	261 050 00
APU fire extinguishing	
• bottle does not release extinguishant when activated at the remote APU fire control panel	262 130 00
• bottle does not release extinguishant when the fire handle is turned	262 120 00
• indication not normal when the EXT TEST switch is moved to 1 or 2	262 080 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 7
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

APU GEN OFF BUS light

- light not on, APU speed at 95% 492 050 00
- light on with APU generator on line 242 050 00

APU LOW OIL PRESSURE light

- light on, APU had a protective shutdown 492 060 00
- light on, APU operates with no protective shutdown . . 492 030 00

APU MAINT light

- light on 492 070 00

APU OVER SPEED light

- light on during APU shutdown 492 080 00
- light on, APU had a protective shutdown 492 090 00
- light on, APU operates with no protective shutdown . . 492 040 00

APU service light

- does not come on 333 060 00
- does not go off 333 061 00

APU starter-generator

- noisy during APU start 491 030 00

Arm rest problem

- captain's 251 060 31
- first officer's 251 060 32

Ash (volcanic) condition 055 050 00

Assist handle problem

- captain's 251 100 31
- first officer's 251 100 32

ATC

- altitude reporting does not operate

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 8
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

- no. 1	345 110 01
- no. 1 and no. 2	345 110 48
- no. 2	345 110 02
• code indicator does not respond to selector movement	345 120 00
• transmission weak or intermittent	
- no. 1	345 130 01
- no. 1 and no. 2	345 130 48
- no. 2	345 130 02
• transponder fail light on	345 140 00
ATT flag shows on integrated standby flight display	342 603 00
ATT flag shows on the EFIS display	
- captain's	342 010 31
- first officer's	342 010 32
Attitude display	
• does not show	
- captain's	342 015 31
- first officer's	342 015 32
Audio control panel indicator light problem	
- captain's	235 101 31
- first observer's	235 101 33
- first officer's	235 101 32
Audio control panel selector switch problem	
- captain's	235 103 31
- first observer's	235 103 33
- first officer's	235 103 32
Audio control panel volume control problem	
- captain's	235 102 31
- first observer's	235 102 33

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 9
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- first officer's	235 102 32
Auto brake	
• deceleration rate is not correct	324 090 00
AUTO BRAKE DISARM light	
• light on	324 080 00
AUTO FAIL light	
• light on and ALTN light on, AUTO FAIL light goes off when pressurization mode selector switch is at ALTN	213 010 00
• light on, ALTN light not on	213 020 00
AUTO SLAT FAIL light	
• light on	278 060 00
AUTO temperature control	
• does not operate	
- AFT CAB	216 050 00
- CONT CAB	216 040 00
- FWD CAB	216 060 00
- PASS CABIN	216 070 00
• too cold, cannot make warmer in AUTO and MANUAL mode, air mix valve does not move to HOT	
- CONT CABIN	216 460 00
- PASS CABIN	216 470 00
• too cold, cannot make warmer, OK in MANUAL mode	
- CONT CABIN	216 420 00
- PASS CABIN	216 430 00
• too hot, cannot make cooler in AUTO and MANUAL mode, air mix valve does not move to COLD	
- CONT CABIN	216 440 00
- PASS CABIN	216 450 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 10
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

- too hot, cannot make cooler, OK in MANUAL mode
 - CONT CABIN 216 400 00
 - PASS CABIN 216 410 00

Autopilot

- A and B disengage automatically while in dual mode 221 140 00
- A/P amber warning annunciator light on flashing, autopilot went to CWS mode 221 020 00
- A/P red warning annunciator light on steady 221 010 00
- airplane does not align correctly with runway during approach 221 960 00
- airplane does not flare correctly during multi-channel approach, FLARE shows normal on the flight mode annunciator 221 750 00
- airplane does not go to set altitude with V/S, LVL CHG, or VNAV pitch mode set
 - CMD A engaged 221 330 00
 - CMD A or CMD B engaged 221 350 00
 - CMD B engaged 221 340 00
- airplane does not go to the set heading or keep the set heading with HDG SEL roll mode set
 - CMD A engaged 221 370 00
 - CMD A or CMD B engaged 221 390 00
 - CMD B engaged 221 380 00
- airplane does not go to the set vertical speed with V/S pitch mode set
 - CMD A engaged 221 520 00
 - CMD A or CMD B engaged 221 540 00
 - CMD B engaged 221 530 00
- airplane does not keep the same altitude with ALT HLD pitch mode set

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 11
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- CMD A engaged	221 490 00
- CMD A or CMD B engaged	221 510 00
- CMD B engaged	221 500 00
• airplane does not keep the set airspeed with MCP SPD (LVL CHG) pitch mode set	
- CMD A engaged	221 430 00
- CMD A or CMD B engaged	221 450 00
- CMD B engaged	221 440 00
• airplane does not keep the set course with VOR roll mode set	
- CMD A engaged	221 460 00
- CMD A or CMD B engaged	221 480 00
- CMD B engaged	221 470 00
• airplane does not keep the set heading	
- CWS A engaged	221 400 00
- CWS A or CWS B engaged	221 420 00
- CWS B engaged	221 410 00
• airplane has pitch oscillation (porpoises) during multi-channel approach	221 310 00
• airplane has pitch oscillation (porpoises) with any A/P engaged in CMD	221 320 00
• airplane roll is not smooth (jerky) with any A/P engaged in CMD	221 760 00
• control columns move when the autopilot engages . . .	221 940 00
• control wheels move when the autopilot engages . . .	221 950 00
• disengages automatically	
- CMD A engaged	221 080 00
- CMD A or CMD B engaged	221 100 00
- CMD B engaged	221 090 00
- CWS A engaged	221 110 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 12
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

- CWS A or CWS B engaged	221 130 00
- CWS B engaged	221 120 00
• does not disengage when CMD switch is pushed to off	
- CMD A engaged	221 570 00
- CMD A or CMD B engaged	221 590 00
- CMD B engaged	221 580 00
• does not disengage when CWS switch is pushed to off	
- CWS A engaged	221 600 00
- CWS A or CWS B engaged	221 620 00
- CWS B engaged	221 610 00
• does not disengage when disengage switch is pushed	
- captain's control column	221 550 31
- first officer's control column	221 550 32
- mode control panel	221 560 00
• does not engage in dual mode, CMD A engages, CMD B does not engage, FLARE pitch mode does not show on the flight mode annunciator	221 690 00
• does not engage in dual mode, CMD B engages, CMD A does not engage, FLARE pitch mode does not show on the flight mode annunciator	221 700 00
• does not engage when CMD switch is pushed, switch lights do not come on and CMD status does not show on the flight mode annunciator	
- CMD A	221 630 00
- CMD A or CMD B	221 650 00
- CMD B	221 640 00
• does not engage when CWS switch is pushed, switch lights do not come on, CWS P and CWS R status do not show on the flight mode annunciator	
- CWS A	221 660 00
- CWS A or CWS B	221 680 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 13
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- CWS B	221 670 00
• does not keep pitch attitude	
- CWS A engaged	221 250 00
- CWS A or CWS B engaged	221 270 00
- CWS B engaged	221 260 00
• does not keep roll attitude	
- CWS A engaged	221 280 00
- CWS A or CWS B engaged	221 300 00
- CWS B engaged	221 290 00
• goes less than the normal bank angle with any A/P engaged in CMD	221 740 00
• goes more than the set bank angle limit in HDG SEL or VOR	
- CMD A engaged	221 710 00
- CMD A or CMD B engaged	221 730 00
- CMD B engaged	221 720 00
• NLND3 LCH shows in DFCS BITE FAULT HISTORY . .	221 203 00
• NO ALND LCH shows in DFCS BITE FAULT HISTORY	221 204 00
• NO AUTOLAND shows on the engine display	221 201 00
• NO LAND 3 shows on the engine display	221 202 00
• P MODE FAIL shows in DFCS BITE FAULT HISTORY .	221 205 00
• pitch or roll mode does not engage or disengages automatically, autopilot went to CWS mode	
- CMD A engaged	221 220 00
- CMD A or CMD B engaged	221 240 00
- CMD B engaged	221 230 00
• R MODE FAIL shows in DFCS BITE FAULT HISTORY .	221 206 00
• SPDTRM LCH shows in DFCS BITE FAULT HISTORY .	221 207 00
• status does not show on the flight mode annunciator, switch lights are on	221 180 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 14
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

- TO/GA pitch mode does not show on the flight mode annunciator for go-around when TO/GA switch is pushed and F/D on
 - captain's 221 200 31
 - captain's and first officer's 221 200 48
 - first officer's 221 200 32
- travel is not within limits, column force is normal 273 010 00

Autothrottle

- A/T amber warning annunciator light on flashing 223 120 00
- A/T LIMIT indication shows on thrust mode display . . . 223 220 00
- airplane does not keep the set airspeed with MCP SPD (LVL CHG) pitch mode set
 - CMD A engaged 221 430 00
 - CMD A or CMD B engaged 221 450 00
 - CMD B engaged 221 440 00
- disengages automatically 223 130 00
- does not arm, ARM light does not come on, ARM does not show on the flight mode annunciator 223 170 00
- does not automatically disengage after touchdown . . . 223 110 00
- does not disengage when disengage switch is pushed
 - engine 1 thrust lever 223 140 51
 - engine 2 thrust lever 223 140 52
- does not disengage when thrust levers are split 223 190 00
- does not go to full rated N1 when TO/GA switch is pushed a second time during go-around
 - engine 1 223 070 51
 - engine 1 and engine 2 223 070 48
 - engine 2 223 070 52
- does not go to reduced N1 when TO/GA switch is pushed one time during go-around

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 15
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

- engine 1	223 080 51
- engine 1 and engine 2	223 080 48
- engine 2	223 080 52
• does not keep N1 limit in N1 mode	
- engine 1	223 020 51
- engine 1 and engine 2	223 020 48
- engine 2	223 020 52
• does not keep set speed in SPEED mode	
- engine 1	223 030 51
- engine 1 and engine 2	223 030 48
- engine 2	223 030 52
• engine N1 speed fluctuates, engine N1 speed is normal with autothrottle OFF	
- engine 1	223 040 51
- engine 1 and engine 2	223 040 48
- engine 2	223 040 52
• mode does not change when mode switch is pushed .	223 200 00
• overcontrols with A/T mode engaged	223 150 00
• selected target speed bug problem on the mach airspeed indicator	
- captain's	223 010 31
- first officer's	223 010 32
• status does not show on flight mode annunciator	223 050 00
• status mode does not change automatically	223 090 00
• throttle resolver angle indication is blank during BITE interactive range check	223 210 00
• thrust lever does not move back in RETARD mode	
- engine 1	223 100 51
- engine 1 and engine 2	223 100 48
- engine 2	223 100 52

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 16
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

A

FAULT DESCRIPTION

FAULT CODE

- thrust lever does not move forward when TO/GA switch is pushed
 - engine 1 223 060 51
 - engine 1 and engine 2 223 060 48
 - engine 2 223 060 52
- thrust lever problem
 - engine 1 223 160 51
 - engine 1 and engine 2 223 160 48
 - engine 2 223 160 52
- thrust levers are split, OK with autothrottle disengaged 223 180 00

AUX PITOT light

- light on 303 010 00

AVM signal conditioner

- display blank 770 061 00
- flight history shows "00" for two of the vibration indications
 - engine 1 770 062 51
 - engine 2 770 062 52

Ax, crash

- missing 256 020 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 17
Oct 15/2008



737-600/700/800/900

FAULT REPORTING MANUAL

B

FAULT DESCRIPTION

FAULT CODE

Battery voltage

- less than 22 volts with BAT switch at ON and no AC power on the charger 494 010 00
- less than 26 volts with AC power on the charger 494 020 00

Birdstrike/FOD

- in engine, engine had a surge/stall
 - engine 1 710 030 51
 - engine 2 710 030 52
- in engine, engine parameters normal
 - engine 1 710 010 51
 - engine 2 710 010 52
- in engine, engine parameters not normal or unknown
 - engine 1 710 020 51
 - engine 2 710 020 52
- on airframe/area unknown, engine parameters normal 055 130 00

BLEED TRIP OFF light

- light on, the engine is the bleed source
 - no. 1 361 010 01
 - no. 2 361 010 02

Bleed valve

- does not close when the bleed switches are moved to off, the engine is the bleed source 361 020 00

Boom microphone/headset

- damaged
 - captain's 235 020 31
 - first officer's 235 020 32
- does not operate
 - captain's 235 010 31
 - first officer's 235 010 32

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 18
Oct 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

B

FAULT DESCRIPTION

FAULT CODE

Brake pressure indicator

- | | |
|--|------------|
| • does not operate | 324 020 00 |
| • low/zero with parking brake released | 324 010 00 |
| • low/zero with parking brake set | 324 110 00 |

Brakes

- | | |
|------------------------------------|------------|
| • grab, drag, or lock | 324 030 00 |
| • overheated during stop | 055 030 00 |
| • pull to the left | 324 040 00 |
| • pull to the right | 324 050 00 |

Buffet, severe turbulence, stall, or overspeed	055 070 00
--	------------

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 19
Oct 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

C

FAULT DESCRIPTION

FAULT CODE

CAB DOOR UNLOCKED light for the flight compartment door

- does not come on when the door is unlocked 525 010 00

CABIN ALT indication

- fluctuates 213 040 00

Cabin altitude and differential pressure gauge

- indicates high cabin pressure differential and low cabin altitude 213 121 00

Cabin altitude warning system

- does not operate 213 060 00

CABIN CLIMB indicator

- does not operate, pointer does not move 213 080 00

Call horn

- does not sound 234 340 00
- operates continuously 234 350 00
- sounds, ADIRU power problem, ON DC light on
 - left 342 200 41
 - right 342 200 42
- sounds, equipment cooling problem 342 190 00

Call system

- call light does not come on, attendant to flight compartment 234 380 00
- call light does not come on, ground crew to flight compartment 234 370 00
- chime does not sound in the flight compartment 234 390 00
- does not operate, flight compartment to attendant 234 400 00
- does not operate, ground crew to flight compartment 234 360 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 20
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

C

FAULT DESCRIPTION

FAULT CODE

CAPT PITOT light

- light on 303 020 00

Cargo compartment light

- does not come on
 - aft 333 080 45
 - forward 333 080 44
- does not go off
 - aft 333 081 45
 - forward 333 081 44

Cargo door

- difficult to open/close 523 010 00
- does not unlatch/latch 523 020 00

Cargo fire detection

- AFT cargo fire light on (false alarm) 261 225 45
- FWD cargo fire light on (false alarm) 261 225 44
- MAIN cargo fire light on (false alarm) 261 225 00

Cargo fire extinguishing

- bottle does not release extinguishant when DISCH switch is pushed 262 200 00
- DISCH light on, DISCH switch not pushed 262 205 00
- EXT AFT light does not come on during cargo fire test 262 210 45
- EXT FWD light does not come on during cargo fire test 262 210 44

Cargo fire test

- test failed, AFT cargo fire light does not come on, DETECTOR FAULT light comes on
 - DET SELECT switch at A 261 205 45
 - DET SELECT switch at B 261 210 45
 - DET SELECT switch at NORM 261 215 45

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 21
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

C

FAULT DESCRIPTION

FAULT CODE

- test failed, AFT cargo fire light does not come on,
DETECTOR FAULT light is off 261 200 45
- test failed, EXT AFT light does not come on 262 210 45
- test failed, EXT FWD light does not come on 262 210 44
- test failed, FWD cargo fire light does not come on,
DETECTOR FAULT light comes on
 - DET SELECT switch at A 261 205 44
 - DET SELECT switch at B 261 210 44
 - DET SELECT switch at NORM 261 215 44
- test failed, FWD cargo fire light does not come on,
DETECTOR FAULT light is off 261 200 44
- test failed, warning lights and alarm do not operate . . 261 220 00

CDS display unit problem

- center lower 316 050 47
- center upper 316 050 46
- left inboard 316 030 41
- left outboard 316 040 41
- right inboard 316 030 42
- right outboard 316 040 42

CDS FAULT annunciation shows on pilot's display

- captain's 316 070 31
- first officer's 316 070 32

CDS MAINT annunciation shows on pilot's display

- captain's 316 060 31
- first officer's 316 060 32

CDU

- brightness control problem
 - captain's 346 020 31
 - first officer's 346 020 32

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 22
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

C

FAULT DESCRIPTION

FAULT CODE

• DATA BASE INVALID message shows	346 360 00
• display blank	
- captain's	346 040 31
- first officer's	346 040 32
• display is dim or out of focus	
- captain's	346 050 31
- first officer's	346 050 32
• DME data on NAV STATUS display shows FAIL	346 510 00
• EXEC key does not operate when pushed	
- captain's	346 060 31
- first officer's	346 060 32
• EXEC key light bar does not come on	
- captain's	346 065 31
- first officer's	346 065 32
• FAIL light is on	346 080 00
• FMC DISAGREE message shows	346 075 00
• FMC shows in the middle of the display	346 070 00
• GPS-L data on POS REF display is missing	346 460 00
• GPS-R data on POS REF display is missing	346 470 00
• GS data on POS REF display is missing	346 480 00
• ILS data on NAV STATUS display shows FAIL	346 500 00
• IRS-L data on POS REF display is missing	346 440 00
• IRS-R data on POS REF display is missing	346 450 00
• key does not operate when pushed	
- captain's	346 010 31
- first officer's	346 010 32
• MODEL/ENG DATA INVALID message shows	346 380 00
• MSG light does not come on	
- captain's	346 270 31
- first officer's	346 270 32

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 23
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

C

FAULT DESCRIPTION

FAULT CODE

• NAV DATA OUT OF DATE message shows	346 160 00
• OFST light does not come on	
- captain's	346 280 31
- first officer's	346 280 32
• OP PROGRAM INVALID shows in the middle of the display	346 260 00
• PROGRAM PIN ERROR message shows	346 390 00
• PROGRAM PIN NOT IN DB message shows	346 400 00
• RESYNC FAIL, SINGLE FMC OP/SINGLE FMC OP message shows	346 180 00
• SCANNING DME FAIL message shows	346 350 00
• SINGLE FMC OPERATION message shows	346 370 00
• VOR data on NAV STATUS display shows FAIL	346 490 00

Chart holder, sidewall problem

- captain's	251 130 31
- first officer's	251 130 32

Chart light

• does not come on correctly	
- captain's	331 150 31
- first officer's	331 150 32
• does not go off	
- captain's	331 151 31
- first officer's	331 151 32

CHECK DBL OR INTERFACE message shows on CDU

during FMC software load	346 290 00
------------------------------------	------------

CHECK MEDIA message shows on CDU during FMC

software load	346 330 00
-------------------------	------------

Circuit breaker collars (spare)

• missing	256 201 00
---------------------	------------

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 24
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

C

FAULT DESCRIPTION

FAULT CODE

Circuit breaker panel light

- | | |
|------------------------------|------------|
| • does not come on | 331 040 00 |
| • does not go off | 331 041 00 |

Clock

- | | |
|-----------------------------|------------|
| • does not operate | |
| - captain's | 312 020 31 |
| - first officer's | 312 020 32 |

Cockpit door surveillance system

- | | |
|---|------------|
| • no video at all three camera positions | 237 051 00 |
| • no video at one or two camera positions during daytime conditions | 237 052 00 |
| • no video at one or two camera positions during nighttime conditions | 237 053 00 |

CONFIG message shows in fuel quantity indication (flight compartment)

284 022 00

CONT CABIN air mix valve indicator

- | | |
|--|------------|
| • does not operate, pointer does not move, temperature is OK | 216 010 00 |
|--|------------|

CONT CABIN SUPPLY DUCT air temperature indication is not correct

216 140 00

Control cabin door

- | | |
|--|------------|
| • CAB DOOR UNLOCKED light does not come on when the door is unlocked | 525 010 00 |
| • difficult to open/close | 525 020 00 |
| • does not release electrically | 525 040 00 |
| • key is damaged | 525 032 00 |
| • key is missing | 525 030 00 |

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 25
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

C

FAULT DESCRIPTION

FAULT CODE

Control column

- does not move freely
 - captain's 273 020 31
 - first officer's 273 020 32
- high force, hydraulic power off 273 150 00
- high force, hydraulic power on 273 140 00
- low force 273 130 00
- moves when the autopilot engages 221 940 00
- shaker does not operate during test 273 110 00

Control stand floodlight

- does not come on correctly 331 090 00
- does not go off 331 091 00

Control wheel

- does not move freely
 - captain's 271 030 31
 - first officer's 271 030 32
- does not stay in the center position from one direction
 - captain's 271 100 31
 - captain's and first officer's 271 100 48
 - first officer's 271 100 32
- has too much play
 - captain's 271 040 31
 - captain's and first officer's 271 040 48
 - first officer's 271 040 32
- high force, hydraulic power off
 - captain's 271 080 31
 - captain's and first officer's 271 080 48
 - first officer's 271 080 32
- high force, hydraulic power on

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 26
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

C

FAULT DESCRIPTION

FAULT CODE

- captain's	271 070 31
- captain's and first officer's	271 070 48
- first officer's	271 070 32
• light force in one or both directions	
- captain's	271 090 31
- captain's and first officer's	271 090 48
- first officer's	271 090 32
• moves when the autopilot engages	221 950 00

COURSE window display on the mode control panel

• does not change with course selector switch change	
- captain's	221 790 31
- first officer's	221 790 32
• does not show	
- captain's	221 800 31
- first officer's	221 800 32

COWL ANTI-ICE light

• light comes on at high thrust setting (takeoff or climb) and goes off at reduced thrust	
- ENG ANTI-ICE 1	302 011 51
- ENG ANTI-ICE 2	302 011 52
• light comes on independent of engine thrust setting	
- ENG ANTI-ICE 1	302 010 51
- ENG ANTI-ICE 2	302 010 52

COWL VALVE OPEN light

• slow to go from bright to dim when switch is moved to ON	
- ENG ANTI-ICE 1	302 020 51
- ENG ANTI-ICE 2	302 020 52

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 27
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

C

FAULT DESCRIPTION

FAULT CODE

- slow to go from bright to off when switch is moved to OFF
 - ENG ANTI-ICE 1 302 030 51
 - ENG ANTI-ICE 2 302 030 52
- stays on bright
 - ENG ANTI-ICE 1 302 040 51
 - ENG ANTI-ICE 2 302 040 52
- stays on bright when switch is moved to ON
 - ENG ANTI-ICE 1 302 050 51
 - ENG ANTI-ICE 2 302 050 52

Crash ax

- missing 256 020 00

Crew oxygen pressure indicator

- does not agree with bottle pressure 351 010 00
- pressure decreases 351 020 00
- pressure low 351 030 00
- pressure zero 351 040 00

Crew portable oxygen

- damaged 353 010 00
- pressure low 353 020 00
- was used 353 030 00

Crossfeed VALVE OPEN light

- does not come on when the valve is in transit 282 125 00
- stays on bright when the crossfeed selector is moved to the off position 282 120 00
- stays on bright when the crossfeed selector is moved to the on position 282 110 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 28

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

C

FAULT DESCRIPTION

FAULT CODE

Cup holder problem

- captain's	251 140 31
- first officer's	251 140 32

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 29
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

D

FAULT DESCRIPTION

FAULT CODE

DATA BASE INVALID message shows on the CDU	346 360 00
DB EXCEEDS FMC MEMORY message shows on CDU during FMC software load	346 300 00
DB-OPF INCOMPATIBLE message shows on CDU during FMC software load	346 320 00
Differential pressure indicator on IDG • extended - left - right	 242 121 41 242 121 42
DISCH light for cargo fire extinguishing • light not on when DISCH switch is pushed • light on, DISCH switch not pushed	 262 200 00 262 205 00
Display unit problem - center lower - center upper - left inboard - left outboard - right inboard - right outboard	 316 050 47 316 050 46 316 030 41 316 040 41 316 030 42 316 040 42
DISPLAYS CONTROL PANEL annunciation shows on pilot's display - captain's - first officer's	 316 026 31 316 026 32
DME • data on NAV STATUS display of CDU shows FAIL . . . • distance shows dashes - DME1 - DME2	 346 510 00 345 230 01 345 230 02

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 30
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

D

FAULT DESCRIPTION

FAULT CODE

• test problem when you push the TEST switch on the navigation control panel	
- captain's	345 210 31
- first officer's	345 210 32
DME1 shows on the display	345 220 01
DME2 shows on the display	345 220 02
Dome light	
• does not come on correctly	331 050 00
• does not go off	331 051 00
Door surveillance system (flight deck door)	
• no video at all three camera positions	237 051 00
• no video at one or two camera positions during daytime conditions	237 052 00
• no video at one or two camera positions during nighttime conditions	237 053 00
Door, cargo	
• difficult to open/close	523 010 00
• does not unlatch/latch	523 020 00
Door, entry exterior handle	
• difficult to operate	
- aft	521 010 45
- forward	521 010 44
Door, flight compartment	
• CAB DOOR UNLOCKED light does not come on when the door is unlocked	525 010 00
• difficult to open/close	525 020 00
• does not release electrically	525 040 00
• key is damaged	525 032 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 31
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

D

FAULT DESCRIPTION

FAULT CODE

• key is missing	525 030 00
Door, flight deck enhanced security	
• chime does not sound with switch set to AUTO and correct code in keypad	525 121 00
• chime sounds with switch set to DENY	525 131 00
• does not lock with switch set to AUTO	525 141 00
• does not unlock with switch set to AUTO and correct code in keypad	525 151 00
• does not unlock with switch set to UNLKD	525 161 00
• LOCK FAIL light is on	525 171 00
• unlocks with switch set to DENY	525 181 00
Door, galley service exterior handle	
• difficult to operate	524 010 00
Drain mast	
• does not heat	307 010 00
• overheats	307 020 00
DRIVE light	
• light on	
- generator 1	241 010 01
- generator 2	241 010 02
DSPLY SOURCE annunciation shows on pilot's display	
- captain's	316 080 31
- first officer's	316 080 32
DUAL BLEED light	
• light on, APU BLEED switch at OFF	495 010 00
DUCT OVERHEAT light	
• light on, cannot reset	
- CONT CABIN	216 100 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 32
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

D

FAULT DESCRIPTION

FAULT CODE

- PASS CABIN	216 105 00
• light on, comes on again after reset	
- CONT CABIN	216 090 00
- PASS CABIN	216 095 00
• light on, stays off after reset	
- CONT CABIN	216 080 00
- PASS CABIN	216 085 00

Duct pressure indication

• high, the engine is the bleed source	361 030 00
• L and R pointers not the same (split), the APU is the bleed source	361 080 00
• L and R pointers not the same (split), the engine is the bleed source	361 070 00
• low or not constant during main engine start, the APU is the bleed source	495 031 00
• low or not constant during pack operation, the APU is the bleed source	495 032 00
• low, the engine is the bleed source	361 040 00
• zero, the APU is the bleed source	495 050 00
• zero, the engine is the bleed source	361 050 00

Dust (extreme) condition	055 020 00
--------------------------------	------------

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 33
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

EAU BITE

- all lights do not come on during the BITE procedure . 780 200 00

EEC

- does not power-up
 - engine 1 730 430 51
 - engine 2 730 430 52

EEC ALTN mode light

- light did not come on during the EEC test
 - engine 1 730 350 51
 - engine 2 730 350 52
- light on
 - engine 1 730 080 51
 - engine 2 730 080 52

EEC BITE

- BITE INOP shows on the CDU
 - engine 1 730 420 51
 - engine 2 730 420 52
- CH A EEC DATA NOT AVAILABLE shows on the CDU
 - engine 1 730 400 51
 - engine 2 730 400 52
- CH B EEC DATA NOT AVAILABLE shows on the CDU
 - engine 1 730 410 51
 - engine 2 730 410 52
- ENGINE MAINTENANCE CAN NOT BE ACCESSED -
THE ENGINE'S FLIGHT INDICATOR SHOWS FLIGHT
shows on the CDU, airplane is on the ground
 - engine 1 730 440 51
 - engine 2 730 440 52

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 34
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

- FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL B ARE NOT SYNCHRONIZED shows on Recent Faults page or Fault History page
 - engine 1 730 456 51
 - engine 2 730 456 52
- maintenance message does not erase
 - engine 1 730 450 51
 - engine 2 730 450 52

EEC test failed

- ALTN mode light did not come on
 - engine 1 730 350 51
 - engine 2 730 350 52
- ENGINE CONTROL light did not come on
 - engine 1 730 330 51
 - engine 2 730 330 52
- FILTER BYPASS light did not come on
 - engine 1 730 340 51
 - engine 2 730 340 52
- OIL FILTER BYPASS message did not show
 - engine 1 790 120 51
 - engine 2 790 120 52

EFIS control panel problem

- captain's 316 020 31
- first officer's 316 020 32

EFIS CP annunciation shows on pilot's display

- captain's 316 025 31
- first officer's 316 025 32

EGT indicator for the APU

- does not operate correctly 497 010 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 35
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

EGT overtemperature (except starting)

- EGT over amber band limit due to surge/stall
 - engine 1 710 100 51
 - engine 2 710 100 52
- EGT over amber band limit, no surge/stall
 - engine 1 710 090 51
 - engine 2 710 090 52
- EGT over redline due to surge/stall
 - engine 1 710 115 51
 - engine 2 710 115 52
- EGT over redline, no surge/stall
 - engine 1 710 110 51
 - engine 2 710 110 52

EGT, FF, oil pressure, and oil temperature indications

- continue to show after engine shutdown
 - left engine 710 135 51
 - right engine 710 135 52

EGT, N1, N2, and FF indications

- read low or fluctuate
 - engine 1 710 130 51
 - engine 2 710 130 52

ELEC 1 LOW PRESSURE light

- light on 293 190 00

ELEC 1 OVERHEAT light

- light on 293 030 00

ELEC 2 LOW PRESSURE light

- light on 293 200 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 36
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

ELEC 2 OVERHEAT light

- light on 293 040 00

ELEC light

- light on 243 050 00

Electrical power

- power to the electric motor-driven pump is interrupted during normal operation
 - system A 291 020 00
 - system B 291 025 00

Electronic equipment compartment light

- does not come on 333 040 00
- does not go off 333 041 00

Elevator

- control cable tension repeatedly checks low 273 030 00
- does not move correctly 273 040 00
- too much play in elevator surface 273 050 00

Elevator tab surface

- has too much play 273 120 00

Emergency Locator Transmitter (ELT)

- no ELT signal on VHF when ELT switch set to ON during test 232 410 00

Emergency slide/overwing light

- does not come on
 - left 335 020 41
 - right 335 020 42
- does not go off
 - left 335 010 41

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 37
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- right	335 010 42
ENG 1 LOW PRESSURE light	
• light off when the electric motor-driven pump is operated	291 010 51
• light on	293 210 51
ENG 1 OVERHEAT light	
• light on (false alarm)	261 010 51
ENG 2 LOW PRESSURE light	
• light off when the electric motor-driven pump is operated	291 010 52
• light on	293 210 52
ENG 2 OVERHEAT light	
• light on (false alarm)	261 010 52
ENG FAIL message shows over EGT indication	
- engine 1	730 020 51
- engine 2	730 020 52
ENG VALVE CLOSED light	
• slow to go from bright to dim when start lever moved to CUTOFF	
- engine 1	730 030 51
- engine 2	730 030 52
• slow to go from bright to off when start lever moved to IDLE	
- engine 1	730 040 51
- engine 2	730 040 52
• stays off for all start lever positions	
- engine 1	730 061 51
- engine 2	730 061 52

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 38
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

• stays off or bright when start lever moved to CUTOFF	
- engine 1	730 050 51
- engine 2	730 050 52
• stays on bright when start lever moved to IDLE, engine start was normal	
- engine 1	730 060 51
- engine 2	730 060 52
Engine 1 fire extinguishing	
• test failed	262 010 00
Engine 1 fire false alarm	261 020 51
Engine 2 fire extinguishing	
• test failed	262 020 00
Engine 2 fire false alarm	261 020 52
Engine accessory unit (EAU) BITE	
• all lights do not come on during the BITE procedure .	780 200 00
Engine automatic acceleration with no thrust lever movement	
- engine 1	730 070 51
- engine 2	730 070 52
Engine BITE	
• BITE INOP shows on the CDU	
- engine 1	730 420 51
- engine 2	730 420 52
• CH A EEC DATA NOT AVAILABLE shows on the CDU	
- engine 1	730 400 51
- engine 2	730 400 52
• CH B EEC DATA NOT AVAILABLE shows on the CDU	
- engine 1	730 410 51

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 39
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

- engine 2 730 410 52
- ENGINE MAINTENANCE CAN NOT BE ACCESSED -
THE ENGINE'S FLIGHT INDICATOR SHOWS FLIGHT
shows on the CDU, airplane is on the ground
 - engine 1 730 440 51
 - engine 2 730 440 52
- FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL
B ARE NOT SYNCHRONIZED shows on Recent Faults
page or Fault History page
 - engine 1 730 456 51
 - engine 2 730 456 52
- maintenance message does not erase
 - engine 1 730 450 51
 - engine 2 730 450 52

ENGINE CONTROL light

- light did not come on during the EEC test
 - engine 1 730 330 51
 - engine 2 730 330 52
- light on
 - engine 1 730 010 51
 - engine 2 730 010 52

Engine EEC

- does not power-up
 - engine 1 730 430 51
 - engine 2 730 430 52

Engine EGT indication

- blank
 - engine 1 770 010 51
 - engine 2 770 010 52

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 40
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

- zero or fluctuates
 - engine 1 770 015 51
 - engine 2 770 015 52

Engine fire extinguishing

- APU BOTTLE DISCHARGE light on 262 070 00
- indication not normal when the EXT TEST switch is moved to 1 262 010 00
- indication not normal when the EXT TEST switch is moved to 2 262 020 00
- L BOTTLE DISCHARGE light on 262 050 00
- left bottle does not release extinguishant when the fire handle is turned 262 030 00
- R BOTTLE DISCHARGE light on 262 060 00
- right bottle does not release extinguishant when the fire handle is turned 262 040 00

Engine flameout

- engine restart not attempted; record engine condition
 - engine 1 730 150 51
 - engine 2 730 150 52
- engine restart not OK, F/F low
 - engine 1 730 100 51
 - engine 2 730 100 52
- engine restart not OK, F/F zero
 - engine 1 730 110 51
 - engine 2 730 110 52
- engine restart not OK, low windmill N2
 - engine 1 730 130 51
 - engine 2 730 130 52
- engine restart not OK, unknown/other reasons
 - engine 1 730 140 51

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 41
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

- | | |
|---|------------|
| - engine 2 | 730 140 52 |
| • engine restart not OK, VIB high | |
| - engine 1 | 730 120 51 |
| - engine 2 | 730 120 52 |
| • engine restart OK; record suspected cause of flameout | |
| - engine 1 | 730 090 51 |
| - engine 2 | 730 090 52 |

Engine fuel indication

- | | |
|---|------------|
| • FF, N1, N2, and EGT read low or fluctuate | |
| - engine 1 | 730 160 51 |
| - engine 2 | 730 160 52 |
| • fuel flow is high, engine parameters (EGT, N1, N2) normal | |
| - engine 1 | 730 170 51 |
| - engine 2 | 730 170 52 |
| • fuel flow is intermittent or blank, engine parameters (EGT, N1, N2, and fuel used) normal | |
| - engine 1 | 730 180 51 |
| - engine 2 | 730 180 52 |
| • fuel flow is zero or low, engine parameters (EGT, N1, N2) not normal and fuel used is low | |
| - engine 1 | 730 200 51 |
| - engine 2 | 730 200 52 |
| • fuel flow is zero or low, engine parameters (EGT, N1, N2, and fuel used) normal | |
| - engine 1 | 730 190 51 |
| - engine 2 | 730 190 52 |
| • fuel used indication not normal, fuel flow normal | |
| - engine 1 | 730 210 51 |
| - engine 2 | 730 210 52 |

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 42
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

Engine idle speed

- approach idle speed high
 - engine 1 730 220 51
 - engine 2 730 220 52
- approach idle speed low, ENG ANTI-ICE switch at ON
 - engine 1 730 230 51
 - engine 2 730 230 52
- approach idle speed low, landing flaps selected
 - engine 1 730 240 51
 - engine 2 730 240 52
- approach idle speed low, landing flaps selected and ENG ANTI-ICE switch at ON
 - engine 1 730 250 51
 - engine 2 730 250 52
- minimum idle speed high
 - engine 1 730 260 51
 - engine 2 730 260 52
- minimum idle speed low
 - engine 1 730 270 51
 - engine 2 730 270 52

Engine motoring

- no or low maximum dry motor speed (N2 low), duct pressure low (less than 30 psi), START VLV OPEN message shows on the engine display
 - engine 1 800 010 51
 - engine 2 800 010 52
- no or low maximum dry motor speed (N2 low), duct pressure normal, START VLV OPEN message shows on the engine display
 - engine 1 800 020 51

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 43
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- engine 2	800 020 52
Engine N1 indication	
• blank	
- engine 1	770 020 51
- engine 2	770 020 52
• fluctuates	
- engine 1	770 025 51
- engine 2	770 025 52
Engine N2 indication	
• blank	
- engine 1	770 030 51
- engine 2	770 030 52
• fluctuates	
- engine 1	770 035 51
- engine 2	770 035 52
Engine nacelle or strut dragged or damaged	
- engine 1	055 100 51
- engine 2	055 100 52
Engine oil consumption	
• high (oil quantity decreases at a quick rate)	
- engine 1	790 010 51
- engine 2	790 010 52
Engine oil pressure indication	
• high	
- engine 1	790 015 51
- engine 2	790 015 52
• intermittent or blank	
- engine 1	790 050 51

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 44
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

- engine 2	790 050 52
• low (amber)	
- engine 1	790 046 51
- engine 2	790 046 52
• low or zero (red)	
- engine 1	790 045 51
- engine 2	790 045 52

Engine oil quantity indication

• high	
- engine 1	790 060 51
- engine 2	790 060 52
• inaccurate, intermittent, remains constant, or blank	
- engine 1	790 080 51
- engine 2	790 080 52
• low	
- engine 1	790 070 51
- engine 2	790 070 52

Engine oil temperature indication

• high (amber)	
- engine 1	790 085 51
- engine 2	790 085 52
• high (red)	
- engine 1	790 090 51
- engine 2	790 090 52
• intermittent or blank	
- engine 1	790 100 51
- engine 2	790 100 52

Engine overspeed

- N1 over redline

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 45
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

- | | |
|--|------------|
| - engine 1 | 710 060 51 |
| - engine 2 | 710 060 52 |
| • N2 over redline | |
| - engine 1 | 710 070 51 |
| - engine 2 | 710 070 52 |
| • reverse thrust (N1) over limit, write maximum N1 | |
| - engine 1 | 710 080 51 |
| - engine 2 | 710 080 52 |

Engine overtemperature (except starting)

- | | |
|--|------------|
| • EGT over amber band limit due to surge/stall | |
| - engine 1 | 710 100 51 |
| - engine 2 | 710 100 52 |
| • EGT over amber band limit, no surge/stall | |
| - engine 1 | 710 090 51 |
| - engine 2 | 710 090 52 |
| • EGT over redline due to surge/stall | |
| - engine 1 | 710 115 51 |
| - engine 2 | 710 115 52 |
| • EGT over redline, no surge/stall | |
| - engine 1 | 710 110 51 |
| - engine 2 | 710 110 52 |

Engine parameters

- | | |
|--|------------|
| • EGT fluctuates at all power settings | |
| - engine 1 | 710 140 51 |
| - engine 2 | 710 140 52 |
| • EGT high | |
| - engine 1 | 710 150 51 |
| - engine 2 | 710 150 52 |
| • EGT low | |

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 46
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

- | | |
|---|------------|
| - engine 1 | 710 160 51 |
| - engine 2 | 710 160 52 |
| • N1, N2, EGT, and FF read low or fluctuate | |
| - engine 1 | 710 130 51 |
| - engine 2 | 710 130 52 |

Engine seizure

- | | |
|------------------|------------|
| - engine 1 | 055 120 51 |
| - engine 2 | 055 120 52 |

Engine start

- | | |
|--|------------|
| • EGT increase and lightoff not normal (impending hot start), fuel flow and duct pressure normal, engine started | |
| - engine 1 | 800 030 51 |
| - engine 2 | 800 030 52 |
| • engine overtemperature, EGT red, engine did not have an automatic shutdown | |
| - engine 1 | 800 270 51 |
| - engine 2 | 800 270 52 |
| • engine overtemperature, EGT red, engine had an automatic shutdown | |
| - engine 1 | 800 070 51 |
| - engine 2 | 800 070 52 |
| • fuel flow high, EGT high, engine started | |
| - engine 1 | 800 080 51 |
| - engine 2 | 800 080 52 |
| • fuel flow low, high, or zero, EGT and N2 increase normal, engine started | |
| - engine 1 | 800 090 51 |
| - engine 2 | 800 090 52 |

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 47
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

- no lightoff, duct pressure and N2 normal, ENG VALVE CLOSED light on
 - engine 1 800 140 51
 - engine 2 800 140 52
- no lightoff, duct pressure and N2 normal, SPAR VALVE CLOSED light on
 - engine 1 800 150 51
 - engine 2 800 150 52
- no lightoff, fuel flow normal, ignition switch at IGN L, engine start normal with ignition switch at IGN R or BOTH
 - engine 1 800 180 51
 - engine 2 800 180 52
- no lightoff, fuel flow normal, ignition switch at IGN R, engine start normal with ignition switch at IGN L or BOTH
 - engine 1 800 190 51
 - engine 2 800 190 52
- no lightoff, fuel flow zero, ENG VALVE CLOSED and SPAR VALVE CLOSED lights are off
 - engine 1 800 200 51
 - engine 2 800 200 52
- no N1 rotation, EGT and N2 increase normal, engine started
 - engine 1 800 110 51
 - engine 2 800 110 52
- slow N2 acceleration to idle or hung start
 - engine 1 800 220 51
 - engine 2 800 220 52
- START VLV OPEN message does not show on the engine display, N2 rotation normal

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 48
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

- | | |
|--|------------|
| - engine 1 | 800 050 51 |
| - engine 2 | 800 050 52 |
| • START VLV OPEN message does not show on the engine display, no N2 rotation | |
| - engine 1 | 800 060 51 |
| - engine 2 | 800 060 52 |
| • START VLV OPEN message flashes (for up to 10 seconds) and then stays on during engine engine operation | |
| - engine 1 | 800 062 51 |
| - engine 2 | 800 062 52 |

Engine start switch

- | | |
|--|------------|
| • switch does not hold in GRD position, switch manually held in GRD position, N2 rotation normal | |
| - engine 1 | 800 230 51 |
| - engine 2 | 800 230 52 |
| • switch does not hold in GRD position, switch manually held in GRD position, no N2 rotation | |
| - engine 1 | 800 240 51 |
| - engine 2 | 800 240 52 |
| • switch moves from GRD to OFF before N2 is at 55%, engine started | |
| - engine 1 | 800 250 51 |
| - engine 2 | 800 250 52 |
| • switch stays at GRD after N2 is more than 55%, engine started | |
| - engine 1 | 800 260 51 |
| - engine 2 | 800 260 52 |

Engine strut or nacelle dragged or damaged

- | | |
|----------------------|------------|
| - engine 1 | 055 100 51 |
|----------------------|------------|

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 49
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

- engine 2 055 100 52

Engine surge/stall

- surge/stall during acceleration or deceleration, engine operation normal after thrust was decreased to idle, engine shutdown
 - engine 1 710 180 51
 - engine 2 710 180 52
- surge/stall during acceleration or deceleration, engine operation not normal after thrust was decreased to idle, engine shutdown
 - engine 1 710 190 51
 - engine 2 710 190 52
- surge/stall during reverse thrust, engine operation normal after thrust was decreased to idle
 - engine 1 710 240 51
 - engine 2 710 240 52
- surge/stall during reverse thrust, engine operation not normal after thrust was decreased to idle
 - engine 1 710 250 51
 - engine 2 710 250 52
- surge/stall during takeoff, engine operation normal after surge
 - engine 1 710 200 51
 - engine 2 710 200 52
- surge/stall during takeoff, engine operation not normal after surge, engine shutdown
 - engine 1 710 210 51
 - engine 2 710 210 52

Engine takeoff thrust

- low

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 50
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

- | | |
|------------------|------------|
| - engine 1 | 730 280 51 |
| - engine 2 | 730 280 52 |

Engine thrust loss (automatic deceleration)

- with no movement of thrust levers, engine parameters normal

- engine 1	730 300 51
- engine 2	730 300 52
- with no movement of thrust levers, engine parameters not normal (VIB high)

- engine 1	730 310 51
- engine 2	730 310 52

Engine turns while fire handle is in the pulled position

- | | |
|------------------|------------|
| - engine 1 | 291 201 51 |
| - engine 2 | 291 201 52 |

Engine VIB indication

- blank

- engine 1	770 040 51
- engine 2	770 040 52
- zero or fluctuates

- engine 1	770 050 51
- engine 2	770 050 52

Engine vibration

- vibration high

- engine 1	710 232 51
- engine 2	710 232 52

Entry door exterior handle

- difficult to operate

- aft	521 010 45
-------------	------------

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 51
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- forward	521 010 44
EQUIP COOLING EXHAUST OFF light	
• light on with switch at ALTERNATE	212 080 00
• light on with switch at NORMAL	212 090 00
EQUIP COOLING SUPPLY OFF light	
• light on with switch at ALTERNATE	212 100 00
• light on with switch at NORMAL	212 110 00
Escape rope (lanyard)	
• damaged	
- captain's	256 130 31
- first officer's	256 130 32
• unstowed	
- captain's	256 140 31
- first officer's	256 140 32
Escape rope (lanyard) compartment cover	
• will not close	
- captain's	256 120 31
- first officer's	256 120 32
EXT AFT light for cargo fire extinguishing	
• light does not come on during cargo fire test	262 210 45
EXT FWD light for cargo fire extinguishing	
• light does not come on during cargo fire test	262 210 44
EXT TEST	
• test failed	
- APU	262 080 00
- engine 1	262 010 00
- engine 2	262 020 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 52
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

E

FAULT DESCRIPTION

FAULT CODE

Extreme dust condition

055 020 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 53
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
F/O PITOT light	
• light on	303 030 00
FAIL light on the CDU	
• light on	346 080 00
FAULT light for the APU	
• light on, APU had a protective shutdown	492 010 00
• light on, APU operates without a protective shutdown	492 020 00
FAULT light for the fire detection system on (P8 control stand)	
- engine 1	261 040 51
- engine 2	261 040 52
FAULT light for the IRS	
• light on	
- left	342 070 41
- right	342 070 42
FD flag shows on flight director display	
- captain's	221 170 31
- captain's and first officer's	221 170 48
- first officer's	221 170 32
FD status	
• does not show on the flight mode annunciator with F/D on	
- captain's	221 150 31
- captain's and first officer's	221 150 48
- first officer's	221 150 32
FEEL DIFF PRESS light	
• light on	273 060 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 54
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

FAULT DESCRIPTION

FAULT CODE

FF, N1, N2, and EGT

- read low or fluctuate
 - engine 1 730 160 51
 - engine 2 730 160 52

FILTER BYPASS light

- light did not come on during the EEC test
 - engine 1 730 340 51
 - engine 2 730 340 52
- light on
 - engine 1 730 320 51
 - engine 2 730 320 52

Fire extinguisher, flight compartment

- missing 262 110 00
- seal broken or missing 262 090 00
- used 262 100 00

Fire extinguishing bottle

- APU bottle discharged 262 070 00
- does not release extinguishant when activated at the remote APU fire control panel 262 130 00
- does not release extinguishant when the fire handle is turned
 - APU 262 120 00
 - engine left 262 030 00
 - engine right 262 040 00
- engine left bottle discharged 262 050 00
- engine right bottle discharged 262 060 00

Fire handle in the pulled position while engine turns

- engine 1 291 201 51

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 55
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- engine 2	291 201 52
Fire, false alarm	
- APU	261 060 00
- engine 1	261 020 51
- engine 2	261 020 52
Fire/overheat detection test	
• test failed, warning lights and alarm do not operate	
- APU	261 070 00
- engine 1	261 030 51
- engine 2	261 030 52
- wheel well	261 100 00
Fireproof gloves	
• damaged	256 015 00
• missing	256 010 00
Flame or smoke in APU exhaust	492 150 00
Flames, momentary, from APU exhaust during main engine start	492 160 00
Flap lever	
• does not move freely	275 100 00
Flap position indicator	
• has fast movement	275 030 00
• has needles split	275 040 00
• has slow movement	275 050 00
• needle(s) do not operate	275 060 00
• needle(s) stick	275 070 00
Flaps	
• do not extend with alternate control	275 091 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 56
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

FAULT DESCRIPTION

FAULT CODE

• do not operate with alternate control	275 090 00
• do not operate with primary control	275 080 00
• do not retract with alternate control	275 092 00
• lever does not move freely	275 100 00
• load relief occurs at wrong airspeed	275 020 00
• operation is fast	275 110 00
• operation is slow	275 120 00
• TE flap transmission torque trip indicator extended . .	275 140 00

Flaps and slats, leading edge

• do not extend during alternate system operation	278 020 00
• do not extend during normal system operation	278 030 00
• do not retract	278 040 00
• one or more leading edge surfaces operate slowly . .	278 050 00

Flaps, leading edge

• droops too much with hydraulic pressure off	278 010 00
• TRANSIT light stays on	
- 1	278 070 01
- 2	278 070 02
- 3	278 070 03
- 4	278 070 04

Flaps/slats extended with airplane speed over placard limit	055 090 00
---	------------

Flashlight

• battery low	256 070 00
• damaged	256 080 00
• does not come on	256 090 00
• does not go off	256 091 00
• missing	256 100 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 57
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
Flashlight LED • does not come on	256 110 00
Flight altitude display • indication blank	213 090 00
Flight control surface position indication • missing indication for one or more surfaces	270 081 00
Flight deck door (enhanced security door) • chime does not sound with switch set to AUTO and correct code in keypad • chime sounds with switch set to DENY • does not lock with switch set to AUTO • does not unlock with switch set to AUTO and correct code in keypad • does not unlock with switch set to UNLKD • LOCK FAIL light is on • unlocks with switch set to DENY	525 121 00 525 131 00 525 141 00 525 151 00 525 161 00 525 171 00 525 181 00
Flight deck door surveillance system • no video at all three camera positions • no video at one or two camera positions during daytime conditions • no video at one or two camera positions during nighttime conditions	237 051 00 237 052 00 237 053 00
Flight director • display does not move correctly to guide the airplane to the set altitude - captain's - captain's and first officer's - first officer's	221 360 31 221 360 48 221 360 32

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 58
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

FAULT DESCRIPTION

FAULT CODE

- does not operate, FD status does not show on the flight mode annunciator, autopilot not on
 - captain's 221 160 31
 - captain's and first officer's 221 160 48
 - first officer's 221 160 32
- FD flag shows on flight director display
 - captain's 221 170 31
 - captain's and first officer's 221 170 48
 - first officer's 221 170 32
- FD status does not show on the flight mode annunciator with F/D on
 - captain's 221 150 31
 - captain's and first officer's 221 150 48
 - first officer's 221 150 32
- pitch or roll mode does not engage or disengages automatically, flight command display goes out of view
 - captain's 221 210 31
 - captain's and first officer's 221 210 48
 - first officer's 221 210 32
- TO/GA pitch mode does not show on the flight mode annunciator for takeoff when TO/GA switch is pushed and F/D on
 - captain's 221 190 31
 - captain's and first officer's 221 190 48
 - first officer's 221 190 32

Flight interphone

- does not operate
 - all stations 235 030 48
 - captain's 235 030 31
 - first observer's 235 030 33

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 59
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- first officer's	235 030 32
Flight kit light	
• does not come on correctly	
- captain's	331 110 31
- first officer's	331 110 32
• does not go off	
- captain's	331 111 31
- first officer's	331 111 32
FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL B ARE NOT SYNCHRONIZED shows on Engine BITE Recent Faults page or Fault History page	
- engine 1	730 456 51
- engine 2	730 456 52
FLIGHT RECORDER OFF light	
• light on	313 010 00
FlightVu video surveillance system	
• no video at all three camera positions	237 051 00
• no video at one or two camera positions during daytime conditions	237 052 00
• no video at one or two camera positions during nighttime conditions	237 053 00
Floodlight, control stand	
• does not come on correctly	331 090 00
• does not go off	331 091 00
Floodlight, glareshield (AFCS)	
• does not come on correctly	331 070 00
• does not go off	331 071 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 60
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

FAULT DESCRIPTION

FAULT CODE

Floodlight, oxygen mask

- does not come on 331 140 00

Floodlight, panel

- does not come on correctly
 - captain's 331 080 31
 - center 331 080 43
 - first officer's 331 080 32
- does not go off
 - captain's 331 081 31
 - center 331 081 43
 - first officer's 331 081 32

FLT ALT display

- indication blank 213 090 00

FLT CONTROL A LOW PRESSURE light

- light on 270 010 00

FLT CONTROL B LOW PRESSURE light

- light on 270 020 00

FMC DISAGREE message shows on CDU

346 075 00

FMC FAIL light on the CDU

- light on 346 080 00

FMC Nav data crossloading problem

346 120 00

FMC shows in the middle of the CDU display

346 070 00

FMC software load

- CHECK DBL OR INTERFACE message shows on CDU 346 290 00
- CHECK MEDIA message shows on CDU 346 330 00
- DB EXCEEDS FMC MEMORY message shows on CDU 346 300 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 61
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

FAULT DESCRIPTION

FAULT CODE

- | | |
|--|------------|
| • DB-OFF INCOMPATIBLE message shows on CDU . . . | 346 320 00 |
| • INCORRECT DISK INSERTED message shows on CDU | 346 340 00 |
| • RESET COUNT EXCEEDED message shows on CDU . | 346 310 00 |

FOD/Birdstrike

- | | |
|--|------------|
| • in engine, engine had a surge/stall | |
| - engine 1 | 710 030 51 |
| - engine 2 | 710 030 52 |
| • in engine, engine parameters normal | |
| - engine 1 | 710 010 51 |
| - engine 2 | 710 010 52 |
| • in engine, engine parameters not normal or unknown | |
| - engine 1 | 710 020 51 |
| - engine 2 | 710 020 52 |
| • on airframe/area unknown, engine parameters normal | 055 130 00 |

Fog, high humidity, or ice in cabin	215 010 00
---	------------

Foot air outlet

- | | |
|-----------------------------|------------|
| • does not operate | |
| - captain's | 212 020 31 |
| - first officer's | 212 020 32 |

Forward thrust lever

- | | |
|--|------------|
| • difficult to move in forward thrust | |
| - engine 1 | 760 020 51 |
| - engine 2 | 760 020 52 |
| • has lost motion, no engine response to thrust lever movement | |
| - engine 1 | 760 030 51 |
| - engine 2 | 760 030 52 |
| • jammed in forward thrust (no movement) | |

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 62
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

FAULT DESCRIPTION

FAULT CODE

- engine 1	760 025 51
- engine 2	760 025 52
• levers not aligned (staggered) for same N1 on both engines	760 010 00
FQIS BITE INOP message	
• shows on CDU	284 101 00
Fuel pump LOW PRESSURE light	
• light on	
- center tank, left pump	282 130 43
- center tank, right pump	282 140 43
- no. 1 aft fuel pump	282 150 01
- no. 1 fwd and aft fuel pumps	282 160 01
- no. 1 fwd fuel pump	282 170 01
- no. 2 aft fuel pump	282 150 02
- no. 2 fwd and aft fuel pumps	282 160 02
- no. 2 fwd fuel pump	282 170 02
Fuel quantity indication, flight compartment	
• CONFIG message shows	284 022 00
• error or blank	
- all tanks	284 020 48
- center tank	284 020 43
- no. 1 tank	284 020 01
- no. 2 tank	284 020 02
• fluctuates or is too high or too low	
- center tank	284 010 43
- no. 1 tank	284 010 01
- no. 2 tank	284 010 02
• IMBAL message shows	284 023 00
• LOW message shows	284 024 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 63
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

FAULT DESCRIPTION

FAULT CODE

Fuel quantity indicator, refuel panel

- blank
 - all tanks 282 010 48
 - center tank 282 010 43
 - tank no. 1 282 010 01
 - tank no. 2 282 010 02
- display is not correct with switch at TEST GAGES
 - all tanks 282 011 48
 - center tank 282 011 43
 - tank no. 1 282 011 01
 - tank no. 2 282 011 02
- flashes
 - center tank 282 015 43
 - tank no. 1 282 015 01
 - tank no. 2 282 015 02
- shows ARINC error message
 - all tanks 282 013 48
 - center tank 282 013 43
 - tank no. 1 282 013 01
 - tank no. 2 282 013 02
- shows Ind FAIL
 - all tanks 282 012 48
 - center tank 282 012 43
 - tank no. 1 282 012 01
 - tank no. 2 282 012 02

Fuel suction feed

- engine does not continue running the full five minutes during Engine Fuel Suction Feed Operational Test . . . 282 251 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 64
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

FAULT DESCRIPTION

FAULT CODE

Fuel tank

- boost pump circuit breaker open
 - center tank, left pump 282 301 43
 - center tank, right pump 282 302 43
 - No. 1 tank, aft pump 282 301 01
 - No. 1 tank, forward pump 282 302 01
 - No. 2 tank, aft pump 282 301 02
 - No. 2 tank, forward pump 282 302 02

Fuel temperature indicator

- does not operate correctly 284 030 00

Fuel transfer (migration)

- Unwanted fuel transfer from a main tank to the center tank 282 100 00
- Unwanted fuel transfer from the center tank to the No. 1 tank 282 101 00
- Unwanted fuel transfer from the center tank to the No. 2 tank 282 102 00

Fuel valve for the APU

- does not fully open or fully close 493 010 00

Fumes or smoke in cabin

- pneumatic power supplied by APU 499 010 00
- pneumatic power supplied by engine
 - engine 1 710 300 51
 - engine 2 710 300 52

FWD cargo fire light

- light on (false alarm) 261 225 44

FWD SUPPLY DUCT air temperature indication is not correct

216 180 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 65
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

F

FAULT DESCRIPTION

FAULT CODE

FWD ZONE CABIN air temperature indication is not correct

216 130 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 66

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

G

FAULT DESCRIPTION

FAULT CODE

G/S flag shows on integrated standby flight display	342 604 00
G/S flag shows on the EFIS display	
- captain's	343 030 31
- first officer's	343 030 32
G/S flag shows on the standby attitude indicator	342 650 00
Galley faucet leaks or faucet damaged	381 045 00
Galley service door exterior handle	
• difficult to operate	524 010 00
GEN OFF BUS and SOURCE OFF lights	
• lights on with IDG 1 and IDG 2 on line	
- no. 1	242 040 01
- no. 2	242 040 02
Glareshield (AFCS) Floodlight	
• does not come on correctly	331 070 00
• does not go off	331 071 00
Glideslope and localizer pointers	
• do not show, G/S and LOC flags do not show	
- captain's	343 050 31
- first officer's	343 050 32
Gloves, fireproof	
• damaged	256 015 00
• missing	256 010 00
GLS light on IRS mode select unit	
• comes on when Master Caution pushed	345 413 00
• stays on continuously	345 412 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 67
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

G

FAULT DESCRIPTION

FAULT CODE

GPS light on IRS mode select unit

- comes on when Master Caution pushed 345 411 00
- stays on continuously 345 410 00

GPS-L data on POS REF display of CDU

- missing 346 460 00

GPS-R data on POS REF display

- missing 346 470 00

GPWS

- BITE display is blank 344 420 00

GPWS INOP light

- light on 344 410 00

Ground mode

- shows with airplane in the air 320 030 00

Ground proximity

- MAP/TERR RANGE DISAGREE message shows 344 470 00
- TERR FAIL message shows 344 450 00
- TERR POS message shows 344 430 00
- TERR RANGE DISAGREE message shows 344 460 00
- terrain display does not show
 - captain's 344 480 31
 - captain's and first officer's 344 480 48
 - first officer's 344 480 32

GS data on POS REF display of CDU

- missing 346 480 00

GYRO flag shows on the standby attitude indicator 342 670 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 68
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

H

FAULT DESCRIPTION

FAULT CODE

Hand microphone

- damaged
 - captain's 235 060 31
 - first observer's 235 060 33
 - first officer's 235 060 32
- does not operate
 - captain's 235 050 31
 - first observer's 235 050 33
 - first officer's 235 050 32

Handle, assist problem

- captain's 251 100 31
- first officer's 251 100 32

Hard landing or high drag/side load landing 055 040 00

HDG flag shows on integrated standby flight display 342 605 00

HDG flag shows on the radio magnetic indicator 342 410 00

HDG/TRK flag shows on the EFIS display

- captain's 342 130 31
- first officer's 342 130 32

HEADING window display on the mode control panel

- does not change with heading selector switch change 221 810 00
- does not show 221 820 00

Heading/track display

- does not show
 - captain's 342 140 31
 - first officer's 342 140 32

Headphone

- damaged

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 69
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

H

FAULT DESCRIPTION

FAULT CODE

- captain's	235 070 31
- first observer's	235 070 33
- first officer's	235 070 32
- second observer's	235 070 34
• does not operate	
- captain's	235 040 31
- first observer's	235 040 33
- first officer's	235 040 32
- second observer's	235 040 34

Headset/boom microphone

• damaged	
- captain's	235 020 31
- first officer's	235 020 32
• does not operate	
- captain's	235 010 31
- first officer's	235 010 32

HF 1 radio

• reception and transmission problem at all stations . . .	231 060 48
• reception and transmission problem at one station	
- captain's	231 060 31
- first observer's	231 060 33
- first officer's	231 060 32
• reception problem at all stations	231 070 48
• reception problem at one station	
- captain's	231 070 31
- first observer's	231 070 33
- first officer's	231 070 32
• transmission problem at all stations	231 080 48
• transmission problem at one station	

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 70
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

H

FAULT DESCRIPTION

FAULT CODE

- | | |
|------------------------------|------------|
| - captain's | 231 080 31 |
| - first observer's | 231 080 33 |
| - first officer's | 231 080 32 |

HF 2 radio

- | | |
|--|------------|
| • reception and transmission problem at all stations . . . | 231 180 48 |
| • reception and transmission problem at one station | |
| - captain's | 231 180 31 |
| - first observer's | 231 180 33 |
| - first officer's | 231 180 32 |
| • reception problem at all stations | 231 190 48 |
| • reception problem at one station | |
| - captain's | 231 190 31 |
| - first observer's | 231 190 33 |
| - first officer's | 231 190 32 |
| • transmission problem at all stations | 231 200 48 |
| • transmission problem at one station | |
| - captain's | 231 200 31 |
| - first observer's | 231 200 33 |
| - first officer's | 231 200 32 |

Horn, call

- | | |
|---|------------|
| • does not sound | 234 340 00 |
| • operates continuously | 234 350 00 |
| • sounds, ADIRU power problem, ON DC light on | |
| - left | 342 200 41 |
| - right | 342 200 42 |
| • sounds, equipment cooling problem | 342 190 00 |

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 71
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

H

FAULT DESCRIPTION

FAULT CODE

Humidity high, fog, or ice in cabin	215 010 00
HYD BRAKE PRESS indicator	
• does not operate	324 020 00
• low/zero with parking brake released	324 010 00
• low/zero with parking brake set	324 110 00
Hydraulic fluid	
• comes out of the reservoir vent line	291 050 00
• comes out of the reservoir vent line drain mast	291 060 00
• fluid leakage	291 040 00
• transfers from system A to system B	291 070 00
• transfers from system B to system A	291 080 00
Hydraulic fluid quantity indication	
• does not return to the same level after operation of a "heavy use" system	293 150 00
• error or blank	
- system A	293 050 00
- system B	293 060 00
• flight compartment display and hydraulic reservoir gauge do not read the same	
- system A	293 070 00
- system B	293 080 00
• flight compartment display moves erratically or jumps between readings	
- system A	293 110 00
- system B	293 120 00
• flight compartment display shows zero, reservoir has hydraulic fluid	
- system A	293 090 00
- system B	293 100 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 72

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

H

FAULT DESCRIPTION

FAULT CODE

- shows RF (76%)
 - system A 293 130 00
 - system B 293 140 00

Hydraulic pressure indication

- above 3200 psi
 - system A 291 090 00
 - system B 291 100 00
- below 2800 psi
 - system A 291 110 00
 - system B 291 120 00
- momentarily below 2900 psi
 - system A 291 131 00
 - system B 291 132 00
 - systems A and B 291 133 00
- zero
 - system A 293 020 00
 - system B 293 025 00

Hydraulic reservoir gauge

- shows zero or below, reservoir has hydraulic fluid
 - system A 293 160 00
 - system B 293 170 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 73
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

I

FAULT DESCRIPTION

FAULT CODE

IAS DISAGREE message shows on airspeed display

- | | |
|-------------------------|------------|
| - captain's | 342 046 31 |
| - first officer's | 342 046 32 |

IAS/MACH window display on the mode control panel

- | | |
|---|------------|
| • does not change with selector switch change | 221 890 00 |
| • does not show | 221 900 00 |

IDG differential pressure indicator

- | | |
|---------------|------------|
| • extended | |
| - left | 242 121 41 |
| - right | 242 121 42 |

ILS

- | | |
|--|------------|
| • audio tone does not occur or is weak | |
| - captain's | 343 070 31 |
| - first officer's | 343 070 32 |
| • data on NAV STATUS display of CDU shows FAIL ... | 346 500 00 |
| • frequency shows dashes | |
| - ILS 1 | 343 060 01 |
| - ILS 2 | 343 060 02 |
| • test problem when you push the TEST switch on the navigation control panel | |
| - captain's | 343 020 31 |
| - first officer's | 343 020 32 |

ILS light on IRS mode select unit

- | | |
|---|------------|
| • comes on when Master Caution pushed | 345 415 00 |
| • stays on continuously | 345 414 00 |

IMBAL message shows in fuel quantity indication (flight compartment)

284 023 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 74
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

FAULT DESCRIPTION

FAULT CODE

INCORRECT DISK INSERTED message shows on CDU during FMC software load	346 340 00
Indicator light	
• does not come on correctly	331 010 00
• does not go off	331 011 00
Integrated standby flight display	
• ALT flag shows	342 602 00
• ATT flag shows	342 603 00
• attitude display disagrees with primary display; no flag shows	342 611 00
• display blank	342 601 00
• G/S flag shows	342 604 00
• HDG flag shows	342 605 00
• LOC flag shows	342 606 00
• OUT OF ORDER flag shows	342 607 00
• PROGRAM PIN ERROR flag shows	342 608 00
• SPD flag shows	342 609 00
• WAIT ATT flag shows	342 610 00
Interphone, flight	
• does not operate	
- all stations	235 030 48
- captain's	235 030 31
- first observer's	235 030 33
- first officer's	235 030 32
Interphone, service	
• distorted	
- all jacks	234 030 48
- jack adjacent to APU	234 120 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 75
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

I

FAULT DESCRIPTION

FAULT CODE

- jack at aft entry light panel	234 150 00
- jack at EE rack	234 070 00
- jack at external power receptacle panel	234 190 00
- jack at left wheel well	234 230 00
- jack at right wheel well	234 270 00
- jack at right wing refueling slat	234 310 00
- jack in the electronic equipment bay	234 430 00
• does not connect to flight interphone	234 010 00
• does not operate	
- all jacks	234 020 48
- jack adjacent to APU	234 100 00
- jack at aft entry light panel	234 140 00
- jack at EE rack	234 060 00
- jack at external power receptacle panel	234 180 00
- jack at left wheel well	234 220 00
- jack at right wheel well	234 260 00
- jack at right wing refueling slat	234 300 00
- jack in the electronic equipment bay	234 410 00
• intermittent	
- all jacks	234 040 48
- jack adjacent to APU	234 110 00
- jack at aft entry light panel	234 160 00
- jack at EE rack	234 080 00
- jack at external power receptacle panel	234 200 00
- jack at left wheel well	234 240 00
- jack at right wheel well	234 280 00
- jack at right wing refueling slat	234 320 00
- jack in the electronic equipment bay	234 420 00
• volume problem	
- all jacks	234 050 48

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 76
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

FAULT DESCRIPTION

FAULT CODE

- jack adjacent to APU	234 130 00
- jack at aft entry light panel	234 170 00
- jack at EE rack	234 090 00
- jack at external power receptacle panel	234 210 00
- jack at left wheel well	234 250 00
- jack at right wheel well	234 290 00
- jack at right wing refueling slat	234 330 00
- jack in the electronic equipment bay	234 440 00

IRS display unit (ISDU)

• maintenance code shows in right window when HDG/ STS mode selected	342 220 00
---	------------

IRS FAULT light

• light on	
- left	342 070 41
- right	342 070 42

IRS mode select unit

• GLS light comes on when Master Caution pushed . . .	345 413 00
• GLS light stays on continuously	345 412 00
• GPS light comes on when Master Caution pushed . . .	345 411 00
• GPS light stays on continuously	345 410 00
• ILS light comes on when Master Caution pushed	345 415 00
• ILS light stays on continuously	345 414 00
• ILS, GLS and GPS lights all come on when Master Caution pushed	345 417 00
• ILS, GLS and GPS lights all stay on continuously	345 416 00

IRS-L data on POS REF display of CDU is missing	346 440 00
---	------------

IRS-R data on POS REF display of CDU

• missing	346 450 00
---------------------	------------

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 77
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

I

FAULT DESCRIPTION

FAULT CODE

Isolation valve

- does not operate correctly

361 060 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 78
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION

FAULT CODE

L ALPHA VANE light	
• light on	303 040 00
L BOTTLE DISCHARGED light	
• light on for the engine fire extinguishing	262 050 00
L ELV PITOT light	
• light on	303 050 00
L VALVE OPEN light for WING ANTI-ICE	
• does not come on	301 080 00
• does not go bright during transition	301 015 41
• slow to go from bright to dim when switch is moved to ON	301 010 00
• slow to go from bright to off when switch is moved to OFF	301 020 00
• stays on bright	301 030 00
LAND ALT display	
• indication blank	213 100 00
Landing gear	
• all LEFT GEAR, RIGHT GEAR, and NOSE GEAR red and green lights are on at the same time	326 072 00
Landing gear lever	
• does not move to the UP position in flight, is free to move to the UP position when the lock override is used	323 010 00
Landing gear position lights	
• lights not correct	326 010 00
Landing gear, main	
• LEFT GEAR green light does not come on with landing gear lever at DN, LEFT GEAR red light on, alternate gear extension was attempted	326 040 41

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 79
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION

FAULT CODE

- LEFT GEAR green light does not come on with landing gear lever at DN, LEFT GEAR red light on, indications normal after alternate gear extension 326 050 41
- LEFT GEAR green light does not go off with landing gear lever at UP, LEFT GEAR red light on 326 060 41
- RIGHT GEAR green light does not come on with landing gear lever at DN, RIGHT GEAR red light on, alternate gear extension was attempted 326 040 42
- RIGHT GEAR green light does not come on with landing gear lever at DN, RIGHT GEAR red light on, indications normal after alternate gear extension 326 050 42
- RIGHT GEAR green light does not go off with landing gear lever at UP, RIGHT GEAR red light on 326 060 42
- slow to extend
 - left 323 090 41
 - left and right 323 090 48
 - right 323 090 42
- slow to retract
 - left 323 080 41
 - left and right 323 080 48
 - right 323 080 42

Landing gear, main and nose

- all gear extends with landing gear lever at OFF, NOSE GEAR, RIGHT GEAR, and LEFT GEAR green lights on 326 070 00
- does not extend when landing gear lever moved to DN position 326 076 00
- does not retract when landing gear lever moved to UP position 326 075 00

Landing gear, nose

- NOSE GEAR green light does not come on with landing gear lever at DN, NOSE GEAR red light on 326 110 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 80
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION

FAULT CODE

- NOSE GEAR green light does not come on with landing gear lever at DN, NOSE GEAR red light on, alternate gear extension was attempted 326 080 00
- NOSE GEAR green light does not go off with landing gear lever at UP, NOSE GEAR red light on 326 090 00
- NOSE GEAR red light on, airplane on ground 323 140 00
- slow to extend 323 120 00
- slow to retract 323 130 00

Landing light

- does not come on
 - left fixed 334 030 41
 - left retractable 334 040 41
 - right fixed 334 030 42
 - right retractable 334 040 42
- does not extend
 - left retractable 334 060 41
 - right retractable 334 060 42
- does not go off
 - left fixed 334 070 41
 - left retractable 334 080 41
 - right fixed 334 070 42
 - right retractable 334 080 42
- does not retract
 - left retractable 334 100 41
 - right retractable 334 100 42

Landing warning horn

- does not sound 312 030 00
- sounds (false warning) 312 035 00

Landing was hard or had high drag/side loads 055 040 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 81
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION

FAULT CODE

Landing with airplane overweight 055 060 00

LCD segment

- does not operate correctly 331 060 00

LE DEVICES

- FLAPS TRANSIT light stays on

- 1 278 070 01
- 2 278 070 02
- 3 278 070 03
- 4 278 070 04

- SLATS TRANSIT light stays on

- 1 278 080 01
- 2 278 080 02
- 3 278 080 03
- 4 278 080 04
- 5 278 080 05
- 6 278 080 06
- 7 278 080 07
- 8 278 080 08

Leading edge flaps

- droops too much with hydraulic pressure off 278 010 00
- TRANSIT light stays on
 - 1 278 070 01
 - 2 278 070 02
 - 3 278 070 03
 - 4 278 070 04

Leading edge flaps and slats

- do not extend during alternate system operation 278 020 00
- do not extend during normal system operation 278 030 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 82
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION

FAULT CODE

- do not retract 278 040 00
- one or more leading edge surfaces operate slowly .. 278 050 00

Leading edge slats

- TRANSIT light stays on
 - 1 278 080 01
 - 2 278 080 02
 - 3 278 080 03
 - 4 278 080 04
 - 5 278 080 05
 - 6 278 080 06
 - 7 278 080 07
 - 8 278 080 08

LEFT GEAR red light

- light on, LEFT GEAR green light does not come on with landing gear lever at DN, alternate gear extension was attempted 326 040 41
- light on, LEFT GEAR green light does not come on with landing gear lever at DN, indications normal after alternate gear extension 326 050 41
- light on, LEFT GEAR green light does not go off with landing gear lever at UP 326 060 41

Life vest

- missing/damaged
 - captain's 256 050 31
 - first observer's 256 050 33
 - first officer's 256 050 32
 - second observer's 256 050 34

Light, accessory compartment

- does not come on 333 050 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 83
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION	FAULT CODE
• does not go off	333 051 00
Light, air conditioning compartment	
• does not come on	
- left	333 030 41
- right	333 030 42
• does not go off	
- left	333 031 41
- right	333 031 42
Light, airstair tread	
• does not come on	334 290 00
• does not go off	334 291 00
Light, anti-collision	
• does not come on correctly	
- left wing	334 230 41
- lower	334 270 47
- right wing	334 230 42
- tail	334 240 00
- upper	334 270 46
• does not go off	
- lower	334 280 47
- upper	334 280 46
Light, anti-collision (strobe)	
• does not go off	
- left wing	334 250 41
- right wing	334 250 42
- tail	334 260 00
Light, APU service	
• does not come on	333 060 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 84
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION

FAULT CODE

• does not go off	333 061 00
Light, cargo compartment	
• does not come on	
- aft	333 080 45
- forward	333 080 44
• does not go off	
- aft	333 081 45
- forward	333 081 44
Light, chart	
• does not come on correctly	
- captain's	331 150 31
- first officer's	331 150 32
• does not go off	
- captain's	331 151 31
- first officer's	331 151 32
Light, circuit breaker panel	
• does not come on	331 040 00
• does not go off	331 041 00
Light, control stand flood	
• does not come on correctly	331 090 00
• does not go off	331 091 00
Light, dome	
• does not come on correctly	331 050 00
• does not go off	331 051 00
Light, electronic equipment compartment	
• does not come on	333 040 00
• does not go off	333 041 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 85
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION

FAULT CODE

Light, emergency slide/overwing

- does not come on
 - left 335 020 41
 - right 335 020 42
- does not go off
 - left 335 010 41
 - right 335 010 42

Light, flight kit

- does not come on correctly
 - captain's 331 110 31
 - first officer's 331 110 32
- does not go off
 - captain's 331 111 31
 - first officer's 331 111 32

Light, glareshield (AFCS) flood

- does not come on correctly 331 070 00
- does not go off 331 071 00

Light, indicator

- does not come on correctly 331 010 00
- does not go off 331 011 00

Light, landing

- does not come on
 - left fixed 334 030 41
 - left retractable 334 040 41
 - right fixed 334 030 42
 - right retractable 334 040 42
- does not extend
 - left retractable 334 060 41

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 86
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION

FAULT CODE

- right retractable	334 060 42
• does not go off	
- left fixed	334 070 41
- left retractable	334 080 41
- right fixed	334 070 42
- right retractable	334 080 42
• does not retract	
- left retractable	334 100 41
- right retractable	334 100 42

Light, logo

• does not come on	
- left	334 340 41
- right	334 340 42
• does not go off	
- left	334 350 41
- right	334 350 42

Light, map

• does not come on correctly	
- captain's	331 120 31
- first officer's	331 120 32
• does not go off	
- captain's	331 121 31
- first officer's	331 121 32

Light, observer's reading

• does not come on correctly	331 130 00
• does not go off	331 131 00

Light, oxygen mask flood

• does not come on	331 140 00
------------------------------	------------

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 87
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION

FAULT CODE

Light, panel flood

- does not come on correctly
 - captain's 331 080 31
 - center 331 080 43
 - first officer's 331 080 32
- does not go off
 - captain's 331 081 31
 - center 331 081 43
 - first officer's 331 081 32

Light, position (NAV)

- does not come on
 - left wing aft 334 120 41
 - left wing forward 334 110 41
 - right wing aft 334 120 42
 - right wing forward 334 130 42
- does not go off
 - left wing aft 334 200 41
 - left wing forward 334 190 41
 - right wing aft 334 200 42
 - right wing forward 334 210 42

Light, runway turnoff

- does not come on
 - left 334 300 41
 - right 334 300 42
- does not go off
 - left 334 310 41
 - right 334 310 42

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 88
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION

FAULT CODE

Light, tailcone

- does not come on 333 070 00
- does not go off 333 071 00

Light, taxi

- does not come on 334 320 00
- does not go off 334 330 00

Light, wheel well

- does not come on
 - main landing gear 333 010 00
 - nose landing gear 333 020 00
- does not go off
 - main landing gear 333 011 00
 - nose landing gear 333 021 00

Light, wing illumination

- does not come on
 - left 334 010 41
 - right 334 010 42
- does not go off
 - left 334 020 41
 - right 334 020 42

Lighted pushbutton switch

- does not come on correctly 331 020 00
- does not go off 331 021 00

Lightning strike 055 010 00

Lightplate

- does not come on 331 030 00
- does not go off 331 031 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 89
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
LOC flag shows on integrated standby flight display	342 606 00
LOC flag shows on the EFIS display	
- captain's	343 010 31
- first officer's	343 010 32
LOC flag shows on the standby attitude indicator	342 660 00
Localizer and glideslope pointers	
• do not show, LOC and G/S flags do not show	
- captain's	343 050 31
- first officer's	343 050 32
Logo light	
• does not come on	
- left	334 340 41
- right	334 340 42
• does not go off	
- left	334 350 41
- right	334 350 42
LOW message shows in fuel quantity indication (flight compartment)	284 024 00
LOW OIL PRESSURE light for the APU	
• light on, APU had a protective shutdown	492 060 00
• light on, APU operates with no protective shutdown . .	492 030 00
LOW OIL PRESSURE message for the engine	
• message shows, oil pressure low (amber)	
- engine 1	790 046 51
- engine 2	790 046 52
• message shows, oil pressure low or zero (red)	
- engine 1	790 045 51

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 90
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION

FAULT CODE

- engine 2	790 045 52
LOW PRESSURE light for ELEC 1 hydraulic pump	
• light on	293 190 00
LOW PRESSURE light for ELEC 2 hydraulic pump	
• light on	293 200 00
LOW PRESSURE light for ENG 1 hydraulic pump	
• light off when the electric motor-driven pump is operated	
- ENG 1 hydraulic pump	291 010 51
• light on	293 210 51
LOW PRESSURE light for ENG 2 hydraulic pump	
• light off when the electric motor-driven pump is operated	
- ENG 2 hydraulic pump	291 010 52
• light on	293 210 52
LOW PRESSURE light for FLT CONTROL A	
• light on	270 010 00
LOW PRESSURE light for FLT CONTROL B	
• light on	270 020 00
LOW PRESSURE light for STBY HYD	
• light on	293 220 00
LOW PRESSURE light for the fuel pump	
• light on	
- center tank, left pump	282 130 43
- center tank, right pump	282 140 43
- no. 1 aft fuel pump	282 150 01
- no. 1 fwd and aft fuel pumps	282 160 01

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 91
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

L

FAULT DESCRIPTION

FAULT CODE

- no. 1 fwd fuel pump	282 170 01
- no. 2 aft fuel pump	282 150 02
- no. 2 fwd and aft fuel pumps	282 160 02
- no. 2 fwd fuel pump	282 170 02

LOW QUANTITY light for STANDBY HYD

• light on	293 180 00
----------------------	------------

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 92
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

M

FAULT DESCRIPTION

FAULT CODE

Mach airspeed warning

- does not sound when MACH AIRSPEED WARNING TEST switch is pushed
- NO 1 341 030 01
- NO 2 341 030 02

MACH TRIM FAIL light

- light on 221 030 00
- light on when MASTER CAUTION switch is pushed .. 221 040 00

MAIN cargo fire light

- light on (false alarm) 261 225 00

Main landing gear

- LEFT GEAR green light does not come on with landing gear lever at DN, LEFT GEAR red light on, alternate gear extension was attempted 326 040 41
- LEFT GEAR green light does not come on with landing gear lever at DN, LEFT GEAR red light on, indications normal after alternate gear extension 326 050 41
- LEFT GEAR green light does not go off with landing gear lever at UP, LEFT GEAR red light on 326 060 41
- RIGHT GEAR green light does not come on with landing gear lever at DN, RIGHT GEAR red light on, alternate gear extension was attempted 326 040 42
- RIGHT GEAR green light does not come on with landing gear lever at DN, RIGHT GEAR red light on, indications normal after alternate gear extension 326 050 42
- RIGHT GEAR green light does not go off with landing gear lever at UP, RIGHT GEAR red light on 326 060 42
- slow to extend
- left 323 090 41
- left and right 323 090 48

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 93
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

M

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- right	323 090 42
• slow to retract	
- left	323 080 41
- left and right	323 080 48
- right	323 080 42
MAINT light for the APU	
• light on	492 070 00
Maintenance code shows in right window of IRS display unit when HDG/STS mode selected	342 220 00
Manual mode control of aft outflow valve	
• does not operate	213 030 00
MANUAL VALVE indicator	
• does not operate, pointer does not move	213 110 00
MAP flag shows on CDS	
- captain's	346 090 31
- first officer's	346 090 32
Map light	
• does not come on correctly	
- captain's	331 120 31
- first officer's	331 120 32
• does not go off	
- captain's	331 121 31
- first officer's	331 121 32
MAP RANGE DISAGREE message shows	
- captain's	346 100 31
- first officer's	346 100 32
MAP/TERR RANGE DISAGREE message shows	344 470 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 94
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

M

FAULT DESCRIPTION

FAULT CODE

MAP/WXR RANGE DISAGREE message shows

- captain's	344 020 31
- first officer's	344 020 32

Marker beacon

• audio tone does not occur or is weak when passing marker, indications are normal	343 110 00
• FT does not show on the display when you push the TEST switch on the navigation control panel	343 150 00
• indication does not show on the display when passing marker, audio tone does not occur or is weak	343 120 00
• indication does not show on the display when passing marker, audio tone is normal	343 130 00
• test problem when you push the TEST switch on the navigation control panel	343 140 00

MASTER CAUTION light

• light does not come on during test	315 101 00
--	------------

Master dim and test system

• does not operate correctly	331 160 00
--	------------

Microphone, boom/headset

• damaged	
- captain's	235 020 31
- first officer's	235 020 32
• does not operate	
- captain's	235 010 31
- first officer's	235 010 32

Microphone, hand

• damaged	
- captain's	235 060 31

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 95
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

M

FAULT DESCRIPTION

FAULT CODE

- first observer's	235 060 33
- first officer's	235 060 32
• does not operate	
- captain's	235 050 31
- first observer's	235 050 33
- first officer's	235 050 32

Mode control panel

• ALTITUDE window display does not change with altitude selector switch change	221 770 00
• ALTITUDE window display does not show	221 780 00
• COURSE window display does not change with course selector switch change	
- captain's	221 790 31
- first officer's	221 790 32
• COURSE window display does not show	
- captain's	221 800 31
- first officer's	221 800 32
• HEADING window display does not change with heading selector switch change	221 810 00
• HEADING window display does not show	221 820 00
• IAS/MACH window display does not change with selector switch change	221 890 00
• IAS/MACH window display does not show	221 900 00
• lower switch light does not come on for all mode switches	221 860 00
• one of the switch lights does not come on for one mode switch	221 870 00
• upper switch light does not come on for all mode switches	221 880 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 96
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

M

FAULT DESCRIPTION

FAULT CODE

• VERT SPEED window display does not change with vertical speed selector change	221 830 00
• VERT SPEED window display does not show	221 840 00
MODEL/ENG DATA INVALID message shows on the CDU .	346 380 00
MSG light on the CDU	
• does not come on	
- captain's	346 270 31
- first officer's	346 270 32
Multi-mode receiver	
• does not respond when TEST button pushed	343 330 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 97
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

N

FAULT DESCRIPTION

FAULT CODE

N1 overspeed

- over limit in reverse thrust, write maximum N1
 - engine 1 710 080 51
 - engine 2 710 080 52
- over redline in forward thrust
 - engine 1 710 060 51
 - engine 2 710 060 52

N1, N2, EGT, and FF indications

- read low or fluctuate
 - engine 1 710 130 51
 - engine 2 710 130 52

N2 overspeed

- engine 1 710 070 51
- engine 2 710 070 52

Nacelle or strut dragged or damaged

- engine 1 055 100 51
- engine 2 055 100 52

NAV DATA OUT OF DATE message shows on CDU 346 160 00

Navigation control panel

- panel problem 343 040 00
- test failed DME
 - captain's 345 210 31
 - first officer's 345 210 32
- test failed VOR
 - captain's 345 020 31
 - first officer's 345 020 32
- test fails ILS
 - captain's 343 020 31

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

N

FAULT DESCRIPTION

FAULT CODE

- first officer's	343 020 32
• test fails marker beacon	343 140 00
Neutral shift	
• does not operate correctly	273 080 00
NLND3 LCH shows in DFCS BITE FAULT HISTORY	221 203 00
NO ALND LCH shows in DFCS BITE FAULT HISTORY	221 204 00
NO AUTOLAND shows on the engine display	221 201 00
NO LAND 3 shows on the engine display	221 202 00
Noise, pounding heard through air distribution system ...	215 015 00
Noise, sharp, from APU exhaust during main engine start .	492 160 00
NOSE GEAR red light	
• light on, airplane on ground	323 140 00
• light on, NOSE GEAR green light does not come on with landing gear lever at DN	326 110 00
• light on, NOSE GEAR green light does not come on with landing gear lever at DN, alternate gear extension was attempted	326 080 00
• light on, NOSE GEAR green light does not go off with landing gear lever at UP	326 090 00
• light on, NOSE GEAR green light off with landing gear lever at UP	326 115 00
Nose landing gear	
• NOSE GEAR green light does not come on with landing gear lever at DN, NOSE GEAR red light on	326 110 00
• NOSE GEAR green light does not come on with landing gear lever at DN, NOSE GEAR red light on, alternate gear extension was attempted	326 080 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.1
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

N

FAULT DESCRIPTION

FAULT CODE

- NOSE GEAR green light does not go off with landing gear lever at UP, NOSE GEAR red light on 326 090 00
- NOSE GEAR green light off with landing gear lever at UP, NOSE GEAR red light on 326 115 00
- NOSE GEAR red light on, airplane on ground 323 140 00
- slow to extend 323 120 00
- slow to retract 323 130 00

Nose rudder trim

- does not operate
 - left 272 010 41
 - left and right 272 010 48
 - right 272 010 42

Nose wheel

- makes a loud noise in the wheel well 325 010 00
- strut bottoms during taxi 325 020 00
- vibrates at gear retraction 325 030 00
- vibrates at landing 325 040 00
- vibrates at takeoff 325 050 00
- vibrates during taxi 325 045 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.2
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

O

FAULT DESCRIPTION

FAULT CODE

Observer's reading light

- does not come on correctly 331 130 00
- does not go off 331 131 00

OFF light for the EQUIP COOLING EXHAUST

- light on with switch at ALTERNATE 212 080 00
- light on with switch at NORMAL 212 090 00

OFF light for the EQUIP COOLING SUPPLY

- light on with switch at ALTERNATE 212 100 00
- light on with switch at NORMAL 212 110 00

OFST light on the CDU

- does not come on
 - captain's 346 280 31
 - first officer's 346 280 32

OIL FILTER BYPASS message

- message did not show during the EEC test
 - engine 1 790 120 51
 - engine 2 790 120 52
- message shows
 - engine 1 790 110 51
 - engine 2 790 110 52

ON light for WINDOW HEAT

- does not come on
 - L FWD 304 030 41
 - L SIDE 304 040 41
 - R FWD 304 030 42
 - R side 304 040 42

OP PROGRAM INVALID shows in the middle of the CDU

- display 346 260 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.3
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

O

FAULT DESCRIPTION

FAULT CODE

OUT OF ORDER flag shows on integrated standby flight display	342 607 00
Outflow valve position indicator • does not operate, pointer does not move	213 110 00
Outflow valve, aft • does not operate in manual mode	213 030 00
Outlet in flight compartment for PC power • status LED at outlet does not operate normally - captain's - first officer's	251 681 31 251 681 32
OVER SPEED light for the APU • light on during APU shutdown • light on, APU had a protective shutdown • light on, APU operates with no protective shutdown . .	492 080 00 492 090 00 492 040 00
OVERHEAT light for ELEC 1 hydraulic pump • light on	293 030 00
OVERHEAT light for ELEC 2 hydraulic pump • light on	293 040 00
OVERHEAT light for WINDOW HEAT • light on - L FWD - L SIDE - R FWD - R SIDE	304 010 41 304 020 41 304 010 42 304 020 42
Overspeed • with flaps/slats extended • with landing gear down	055 090 00 055 080 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.4
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

O

FAULT DESCRIPTION

FAULT CODE

Overspeed, severe turbulence, stall, or buffet	055 070 00
Overweight landing	055 060 00
Overwing/emergency slide light	
• does not come on	
- left	335 020 41
- right	335 020 42
• does not go off	
- left	335 010 41
- right	335 010 42
OVHT/FIRE TEST	
• test failed, warning lights and alarm do not operate	
- APU	261 070 00
- engine 1	261 030 51
- engine 2	261 030 52
- wheel well	261 100 00
Oxygen mask floodlight	
• does not come on	331 140 00
Oxygen mask, flight crew	
• damaged	
- captain's	351 050 31
- first officer's	351 050 32
- observer's	351 050 33
• difficult to release from stowage	
- captain's	351 060 31
- first observer's	351 060 33
- first officer's	351 060 32
• harness fails to deflate	
- captain's	351 070 31

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.5
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

O

FAULT DESCRIPTION

FAULT CODE

- first observer's	351 070 33
- first officer's	351 070 32
• harness fails to inflate	
- captain's	351 080 31
- first observer's	351 080 33
- first officer's	351 080 32
• harness leaking	
- captain's	351 090 31
- first observer's	351 090 33
- first officer's	351 090 32
• hose problem	
- captain's	351 100 31
- first officer's	351 100 32
- observer's	351 100 33
• panel (door, pin, etc.) damaged	
- captain's	351 110 31
- first officer's	351 110 32
- observer's	351 110 33

Oxygen masks, passenger

• all masks do not drop when PASS OXYGEN switch manually set to ON	352 030 00
• PASS OXY ON light does not come on during automatic oxygen system deployment	352 050 00
• PASS OXY ON light does not come on during manual oxygen system deployment	352 040 00

Oxygen regulator operation

• difficult to exhale	
- captain's	351 120 31
- first observer's	351 120 33

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.6
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

O

FAULT DESCRIPTION

FAULT CODE

- first officer's	351 120 32
• leaking	
- captain's	351 130 31
- first observer's	351 130 33
- first officer's	351 130 32
• no pressure breathing available	
- captain's	351 140 31
- first observer's	351 140 33
- first officer's	351 140 32

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.7
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

P

FAULT DESCRIPTION

FAULT CODE

P MODE FAIL shows in DFCS BITE FAULT HISTORY	221 205 00
PA system	
- distorted from flight compartment	233 020 00
- does not operate from flight compartment	233 010 00
- intermittent from flight compartment	233 030 00
- volume problem from flight compartment	233 040 00
Pack airflow/temperature diagnostics tool	
• tool shows pack airflow is too low or too high	215 350 00
• tool shows pack outlet temperature is too cold or too hot	215 351 00
PACK light	
• comes on unexpectedly during master caution recall .	216 224 00
• light on at cruise, light comes on again after reset	
- left	215 230 41
- right	215 230 42
• light on at cruise, light stays off after reset	
- left	215 220 41
- right	215 220 42
• light on during approach, light comes on again after reset	
- left	215 260 41
- right	215 260 42
• light on during approach, light stays off after reset	
- left	215 250 41
- right	215 250 42
• light on during climb, light comes on again after reset	
- left	215 290 41
- right	215 290 42
• light on during climb, light stays off after reset	

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.8
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

P

FAULT DESCRIPTION

FAULT CODE

- left	215 280 41
- right	215 280 42
• light on on ground, light comes on again after reset	
- left	215 320 41
- right	215 320 42
• light on on ground, light stays off after reset	
- left	215 310 41
- right	215 310 42
• light on, cannot reset	
- left	215 240 41
- right	215 240 42

PACK TRIP OFF light

• light on at cruise, light comes on again after reset	
- left	215 030 41
- right	215 030 42
• light on at cruise, light stays off after reset	
- left	215 020 41
- right	215 020 42
• light on during approach, light comes on again after reset	
- left	215 060 41
- right	215 060 42
• light on during approach, light stays off after reset	
- left	215 050 41
- right	215 050 42
• light on during climb, light comes on again after reset	
- left	215 090 41
- right	215 090 42
• light on during climb, light stays off after reset	

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.9
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

P

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- left	215 080 41
- right	215 080 42
• light on on ground, light comes on again after reset	
- left	215 120 41
- right	215 120 42
• light on on ground, light stays off after reset	
- left	215 110 41
- right	215 110 42
• light on, cannot reset	
- left	215 040 41
- right	215 040 42
PACK, L air temperature indication not correct	215 060 00
PACK, R air temperature indication not correct	215 070 00
Panel floodlight	
• does not come on correctly	
- captain's	331 080 31
- center	331 080 43
- first officer's	331 080 32
• does not go off	
- captain's	331 081 31
- center	331 081 43
- first officer's	331 081 32
Panel light, circuit breaker	
• does not come on	331 040 00
• does not go off	331 041 00
Parking brake	
• lever does not release	324 120 00
• lever does not set	324 130 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.10

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

P

FAULT DESCRIPTION

FAULT CODE

• warning light does not operate	
- external power receptacle panel	324 145 00
- flight compartment	324 140 00
PASS CABIN air mix valve indicator	
• does not operate, pointer does not move, temperature is OK	216 020 00
PASS CABIN air temperature indication	
• not correct	216 190 00
PASS OXY ON light	
• light does not come on during automatic oxygen system deployment	352 050 00
• light does not come on during manual oxygen system deployment	352 040 00
• light on, all masks dropped automatically, switch was not moved, cabin pressure was normal	352 010 00
• light on, all masks failed to drop automatically, masks dropped after PASS OXY switch was moved	352 020 00
Passenger address system	
- distorted from flight compartment	233 020 00
- does not operate from flight compartment	233 010 00
- intermittent from flight compartment	233 030 00
- volume problem from flight compartment	233 040 00
Passenger oxygen masks	
• all masks do not drop when PASS OXYGEN switch manually set to ON	352 030 00
PC power system for flight deck	
• status LED at outlet does not operate normally	
- captain's	251 681 31
- first officer's	251 681 32

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.11
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

P

FAULT DESCRIPTION

FAULT CODE

Pilot call system

- call light does not come on, attendant to flight compartment 234 380 00
- call light does not come on, ground crew to flight compartment 234 370 00
- chime does not sound in the flight compartment 234 390 00
- does not operate, flight compartment to attendant 234 400 00
- does not operate, ground crew to flight compartment 234 360 00

Pitch control

- too sensitive in control wheel steering mode (airplane overreacts to column input) 273 090 00

PITCH message shows on the attitude display

- captain's 342 020 31
- first officer's 342 020 32

Pitch oscillation (porpoising)

- during autopilot multi-channel approach 221 310 00
- with any autopilot engaged in CMD 221 320 00

Pitch up or pitch down of airplane too much 273 100 00

Pitot probe

- does not get hot 303 060 00

POS SHIFT page of CDU shows large IRS drift 342 225 00

Position (NAV) light

- does not come on
 - left wing aft 334 120 41
 - left wing forward 334 110 41
 - right wing aft 334 120 42
 - right wing forward 334 130 42
- does not go off

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.12

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

P

FAULT DESCRIPTION

FAULT CODE

- left wing aft	334 200 41
- left wing forward	334 190 41
- right wing aft	334 200 42
- right wing forward	334 210 42

Potable water

• auxiliary tank (40-gallon) leaks	381 042 00
• main tank (60-gallon) leaks	381 041 00
• system does not pressurize	381 020 00
• tank does not fill	381 030 00
• tank leaks	381 040 00

Pressurization

• aft outflow valve does not operate in manual mode . .	213 030 00
• AUTO FAIL and ALTN light on, AUTO FAIL light goes off when pressurization mode selector switch is at ALTN	213 010 00
• AUTO FAIL light on, ALTN light not on	213 020 00
• cannot keep the correct cabin pressure	213 050 00

Printer (flight deck)

• FAIL light is on	313 202 00
------------------------------	------------

Probe heater indicator lights

• do not come on when PITOT STATIC HEAT switches are OFF	303 070 00
---	------------

PROGRAM PIN ERROR flag shows on integrated standby flight display

342 608 00

PROGRAM PIN ERROR message shows on the CDU

346 390 00

PROGRAM PIN NOT IN DB message shows on the CDU . .

346 400 00

PSEU

• BITE display is blank	320 040 00
-----------------------------------	------------

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.13

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

P

FAULT DESCRIPTION

FAULT CODE

PSEU light

- | | |
|--|------------|
| • light does not come on during test | 320 060 00 |
| • light on | 320 050 00 |

PTU

- | | |
|------------------------------|------------|
| • does not operate | 292 040 00 |
|------------------------------|------------|

Pushbutton switch, lighted

- | | |
|--|------------|
| • does not come on correctly | 331 020 00 |
| • does not go off | 331 021 00 |

PWS FAIL message shows	344 010 00
----------------------------------	------------

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.14

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

R

FAULT DESCRIPTION

FAULT CODE

R ALPHA VANE light	
• light on	303 080 00
R BOTTLE DISCHARGED light	
• light on for the engine fire extinguishing	262 060 00
R ELV PITOT light	
• light on	303 090 00
R MODE FAIL shows in DFCS BITE FAULT HISTORY	221 206 00
R VALVE OPEN light for WING ANTI-ICE	
• does not come on	301 090 00
• does not go bright during transition	301 015 42
• slow to go from bright to dim when switch is moved to ON	301 050 00
• slow to go from bright to off when switch is moved to OFF	301 060 00
• stays on bright	301 070 00
RA flag shows on the display	
- captain's	343 210 31
- first officer's	343 210 32
Radio altimeter	
• display does not show, RA flag does not show	
- captain's	343 220 31
- first officer's	343 220 32
Radio magnetic indicator	
• ADF flag shows	342 430 00
• HDG flag shows	342 410 00
• VOR flag shows	342 440 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.15
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

R

FAULT DESCRIPTION

FAULT CODE

Radio tuning panel problem

- captain's	231 300 31
- first observer's	231 300 33
- first officer's	231 300 32

Radio, HF 1

• reception and transmission problem at all stations . . .	231 060 48
• reception and transmission problem at one station	
- captain's	231 060 31
- first observer's	231 060 33
- first officer's	231 060 32
• reception problem at all stations	231 070 48
• reception problem at one station	
- captain's	231 070 31
- first observer's	231 070 33
- first officer's	231 070 32
• transmission problem at all stations	231 080 48
• transmission problem at one station	
- captain's	231 080 31
- first observer's	231 080 33
- first officer's	231 080 32

Radio, HF 2

• reception and transmission problem at all stations . . .	231 180 48
• reception and transmission problem at one station	
- captain's	231 180 31
- first observer's	231 180 33
- first officer's	231 180 32
• reception problem at all stations	231 190 48
• reception problem at one station	
- captain's	231 190 31

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.16

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

R

FAULT DESCRIPTION

FAULT CODE

- first observer's	231 190 33
- first officer's	231 190 32
• transmission problem at all stations	231 200 48
• transmission problem at one station	
- captain's	231 200 31
- first observer's	231 200 33
- first officer's	231 200 32

Radio, VHF 1

• reception and transmission problem at all stations . . .	231 310 48
• reception and transmission problem at one station	
- captain's	231 310 31
- first observer's	231 310 33
- first officer's	231 310 32
• reception problem at all stations	231 320 48
• reception problem at one station	
- captain's	231 320 31
- first observer's	231 320 33
- first officer's	231 320 32
• transmission problem at all stations	231 330 48
• transmission problem at one station	
- captain's	231 330 31
- first observer's	231 330 33
- first officer's	231 330 32

Radio, VHF 2

• reception and transmission problem at all stations . . .	231 430 48
• reception and transmission problem at one station	
- captain's	231 430 31
- first observer's	231 430 33
- first officer's	231 430 32

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.17

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

R

FAULT DESCRIPTION

FAULT CODE

- | | |
|--|------------|
| • reception problem at all stations | 231 440 48 |
| • reception problem at one station | |
| - captain's | 231 440 31 |
| - first observer's | 231 440 33 |
| - first officer's | 231 440 32 |
| • transmission problem at all stations | 231 450 48 |
| • transmission problem at one station | |
| - captain's | 231 450 31 |
| - first observer's | 231 450 33 |
| - first officer's | 231 450 32 |

Radio, VHF 3

- | | |
|--|------------|
| • reception and transmission problem at all stations . . . | 231 550 48 |
| • reception and transmission problem at one station | |
| - captain's | 231 550 31 |
| - first observer's | 231 550 33 |
| - first officer's | 231 550 32 |
| • reception problem at all stations | 231 560 48 |
| • reception problem at one station | |
| - captain's | 231 560 31 |
| - first observer's | 231 560 33 |
| - first officer's | 231 560 32 |
| • transmission problem at all stations | 231 570 48 |
| • transmission problem at one station | |
| - captain's | 231 570 31 |
| - first observer's | 231 570 33 |
| - first officer's | 231 570 32 |

RAM DOOR FULL OPEN light

- | | |
|---|------------|
| • light is not on, airplane on the ground | 215 140 00 |
| • light stays on, airplane in the air | 215 160 00 |

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.18

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

R

FAULT DESCRIPTION

FAULT CODE

Reading light, observer's

- | | |
|--|------------|
| • does not come on correctly | 331 130 00 |
| • does not go off | 331 131 00 |

Recirculation fan (dual-fan system)

- | | |
|--------------------|------------|
| • does not operate | |
| - left | 212 040 41 |
| - right | 212 040 42 |

Recirculation fan (single-fan system)

- | | |
|------------------------------|------------|
| • does not operate | 212 040 00 |
|------------------------------|------------|

Refuel quantity indicator

- | | |
|--|------------|
| • blank | |
| - all tanks | 282 010 48 |
| - center tank | 282 010 43 |
| - tank no. 1 | 282 010 01 |
| - tank no. 2 | 282 010 02 |
| • display is not correct with switch at TEST GAGES | |
| - all tanks | 282 011 48 |
| - center tank | 282 011 43 |
| - tank no. 1 | 282 011 01 |
| - tank no. 2 | 282 011 02 |
| • flashes | |
| - center tank | 282 015 43 |
| - tank no. 1 | 282 015 01 |
| - tank no. 2 | 282 015 02 |
| • shows ARINC error message | |
| - all tanks | 282 013 48 |
| - center tank | 282 013 43 |
| - tank no. 1 | 282 013 01 |

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.19
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

R

FAULT DESCRIPTION

FAULT CODE

- tank no. 2 282 013 02
- shows Ind FAIL
- all tanks 282 012 48
- center tank 282 012 43
- tank no. 1 282 012 01
- tank no. 2 282 012 02

Refuel valve light

- light does not come on with valves selected open and refueling manifold pressurized
- all tanks 282 030 48
- center tank 282 030 43
- light does not go off after pressing the press-to-test switch
- all tanks 282 020 48
- center tank 282 020 43
- tank no. 1 282 020 01
- tank no. 2 282 020 02

Refuel valve position indicator light does not come on with valves selected open and refueling manifold pressurized

- tank no. 1 282 030 01
- tank no. 2 282 030 02

Refueling

- all refueling is prevented 282 040 00
- fuel spill at surge tank 282 050 00
- valve does not close with switch at CLOSED
- all tanks 282 070 48
- center tank 282 070 43
- tank no. 1 282 070 01
- tank no. 2 282 070 02

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.20

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

R

FAULT DESCRIPTION

FAULT CODE

Refueling panel light

- light does not come on with ground power on the airplane 282 080 00

RESET COUNT EXCEEDED message shows on CDU during FMC software load 346 310 00

RESYNC FAIL, SINGLE FMC OP/SINGLE FMC OP message shows on CDU 346 180 00

Reverse thrust lever

- difficult to move in reverse thrust
 - engine 1 760 060 51
 - engine 2 760 060 52
- has lost motion, no engine response to thrust lever movement, thrust reverser operation is normal
 - engine 1 760 080 51
 - engine 2 760 080 52
- has lost motion, no thrust reverser operation
 - engine 1 760 070 51
 - engine 2 760 070 52
- jammed in reverse thrust (no movement)
 - engine 1 760 065 51
 - engine 2 760 065 52

REVERSER light

- light on, thrust reverser operation normal
 - engine 1 780 020 51
 - engine 2 780 020 52

RIGHT GEAR red light

- light on, RIGHT GEAR green light does not come on with landing gear lever at DN, alternate gear extension was attempted 326 040 42

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.21
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

R

FAULT DESCRIPTION

FAULT CODE

- light on, RIGHT GEAR green light does not come on with landing gear lever at DN, indications normal after alternate gear extension 326 050 42
- light on, RIGHT GEAR green light does not go off with landing gear lever at UP 326 060 42

ROLL message shows on the attitude display

- captain's 342 030 31
- first officer's 342 030 32

Rudder

- does not move correctly 272 040 00
- does not move freely 272 050 00
- STBY RUD ON light is on 272 070 00
- surface has excessive play 272 060 00

Rudder pedal steering

- does not operate, tiller steering normal 325 060 00
- does not steer straight 325 061 00

Rudder pedals

- adjustment crank does not move freely
 - captain's 272 070 31
 - first officer's 272 070 32
- adjustment crank turns but rudder pedals do not move
 - captain's 272 080 31
 - first officer's 272 080 32
- do not move freely
 - captain's 272 090 31
 - first officer's 272 090 32
- kick back during flight 272 092 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.22

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

R

FAULT DESCRIPTION

FAULT CODE

Rudder trim

- | | |
|---|------------|
| • nose left and nose right does not operate | 272 010 48 |
| • nose left does not operate | 272 010 41 |
| • nose right does not operate | 272 010 42 |

RUDDER TRIM indicator

- | | |
|--|------------|
| • does not operate correctly | 272 020 00 |
| • light not on | 272 030 00 |

Runway turnoff light

- | | |
|--------------------|------------|
| • does not come on | |
| - left | 334 300 41 |
| - right | 334 300 42 |
| • does not go off | |
| - left | 334 310 41 |
| - right | 334 310 42 |

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.23

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

S

FAULT DESCRIPTION

FAULT CODE

SCANNIN DME FAIL message shows on the CDU 346 350 00

Seat

- horizontal adjustment problem
 - captain's 251 020 31
 - first officer's 251 020 32
- lumbar adjustment problem
 - captain's 251 030 31
 - first officer's 251 030 32
- recline adjustment problem
 - captain's 251 040 31
 - first officer's 251 040 32
- vertical adjustment problem
 - captain's 251 050 31
 - first officer's 251 050 32

Seat arm rest problem

- captain's 251 060 31
- first officer's 251 060 32

Seat belt problem

- captain's 251 070 31
- first observer's 251 070 33
- first officer's 251 070 32
- second observer's 251 070 34

Seat track

- does not move freely
 - captain's 251 080 31
 - first officer's 251 080 32

Seizure of engine

- engine 1 055 120 51

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.24
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

S

FAULT DESCRIPTION

FAULT CODE

- engine 2 055 120 52

SELCAL

• call light does not come on for calls on HF 1	232 080 00
• call light does not come on for calls on HF 2	232 090 00
• call light does not come on for calls on VHF 1	232 100 00
• call light does not come on for calls on VHF 2	232 110 00
• call light does not come on for calls on VHF 3	232 120 00
• call switch does not reset for HF 1, PTT reset OK	232 020 00
• call switch does not reset for HF 2, PTT reset OK	232 030 00
• call switch does not reset for VHF 1, PTT reset OK ...	232 040 00
• call switch does not reset for VHF 2, PTT reset OK ...	232 050 00
• call switch does not reset for VHF 3, PTT reset OK ...	232 060 00
• chime does not operate for calls on HF 1, SELCAL call light comes on	232 140 00
• chime does not operate for calls on HF 2, SELCAL call light comes on	232 150 00
• chime does not operate for calls on VHF 1, SELCAL call light comes on	232 160 00
• chime does not operate for calls on VHF 2, SELCAL call light comes on	232 170 00
• chime does not operate for calls on VHF 3, SELCAL call light comes on	232 180 00
• does not operate for any radio	232 250 00
• does not operate for HF 1	232 200 00
• does not operate for HF 2	232 210 00
• does not operate for VHF 1	232 220 00
• does not operate for VHF 2	232 230 00
• does not operate for VHF 3	232 240 00

Service interphone

- distorted

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.25

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

S

FAULT DESCRIPTION

FAULT CODE

- all jacks	234 030 48
- jack adjacent to APU	234 120 00
- jack at aft entry light panel	234 150 00
- jack at EE rack	234 070 00
- jack at external power receptacle panel	234 190 00
- jack at left wheel well	234 230 00
- jack at right wheel well	234 270 00
- jack at right wing refueling slat	234 310 00
- jack in the electronic equipment bay	234 430 00
• does not connect to flight interphone	234 010 00
• does not operate	
- all jacks	234 020 48
- jack adjacent to APU	234 100 00
- jack at aft entry light panel	234 140 00
- jack at EE rack	234 060 00
- jack at external power receptacle panel	234 180 00
- jack at left wheel well	234 220 00
- jack at right wheel well	234 260 00
- jack at right wing refueling slat	234 300 00
- jack in the electronic equipment bay	234 410 00
• intermittent	
- all jacks	234 040 48
- jack adjacent to APU	234 110 00
- jack at aft entry light panel	234 160 00
- jack at EE rack	234 080 00
- jack at external power receptacle panel	234 200 00
- jack at left wheel well	234 240 00
- jack at right wheel well	234 280 00
- jack at right wing refueling slat	234 320 00
- jack in the electronic equipment bay	234 420 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.26

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

S

FAULT DESCRIPTION

FAULT CODE

• volume problem	
- all jacks	234 050 48
- jack adjacent to APU	234 130 00
- jack at aft entry light panel	234 170 00
- jack at EE rack	234 090 00
- jack at external power receptacle panel	234 210 00
- jack at left wheel well	234 250 00
- jack at right wheel well	234 290 00
- jack at right wing refueling slat	234 330 00
- jack in the electronic equipment bay	234 440 00

Shaker, control column

• does not operate during test	273 110 00
--	------------

Shoulder harness

• does not extend or retract	
- captain's	251 090 31
- first observer's	251 090 33
- first officer's	251 090 32

SINGLE FMC OPERATION message shows on the CDU . .	346 370 00
---	------------

Slats, leading edge

• TRANSIT light stays on	
- 1	278 080 01
- 2	278 080 02
- 3	278 080 03
- 4	278 080 04
- 5	278 080 05
- 6	278 080 06
- 7	278 080 07
- 8	278 080 08

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.27
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

S

FAULT DESCRIPTION

FAULT CODE

Smoke

- does not stop with recirculation fans off, isolation valve closed, and both pack switches at off
 - flight compartment 210 070 00
 - flight compartment and passenger cabin 210 080 00
 - passenger cabin 210 090 00
- stops with recirculation fan(s) off
 - flight compartment 212 050 00
 - flight compartment and passenger cabin 212 060 00
 - passenger cabin 212 070 00
- stops with recirculation fan(s) off, isolation valve closed, and right pack switch at off
 - flight compartment and passenger cabin 210 020 00
 - passenger cabin 210 030 00
- stops with recirculation fan(s) off, isolation valve closed, right pack switch in auto, and left pack switch off
 - flight compartment 210 040 00
 - flight compartment and passenger cabin 210 050 00
 - passenger cabin 210 060 00

Smoke goggles

- missing
 - captain's 256 060 31
 - first officer's 256 060 32

Smoke or flame in APU exhaust 492 150 00

Smoke or fumes in cabin

- pneumatic power supplied by APU 499 010 00
- pneumatic power supplied by engine
 - engine 1 710 300 51
 - engine 2 710 300 52

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.28
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

S

FAULT DESCRIPTION

FAULT CODE

• source unknown	210 671 00
SOURCE OFF and GEN OFF BUS lights	
• lights on with IDG 1 and IDG 2 on line	
- no. 1	242 040 01
- no. 2	242 040 02
SOURCE OFF and TRANSFER BUS OFF lights	
• lights on with GRD PWR switch at ON	
- no. 1	244 010 01
- no. 1 and no. 2	244 010 48
- no. 2	244 010 02
• lights on with the APU generator on line	
- no. 1	242 060 01
- no. 2	242 060 02
SPAR VALVE CLOSED light	
• does not come on when the valve is in transit	
- engine 1	282 240 51
- engine 2	282 240 52
• slow to go from bright to dim when start lever moved to CUTOFF	
- engine 1	282 180 51
- engine 2	282 180 52
• slow to go from bright to off when start lever moved to IDLE	
- engine 1	282 190 51
- engine 2	282 190 52
• stays on bright when start lever moved to CUTOFF	
- engine 1	282 200 51
- engine 2	282 200 52
• stays on bright when start lever moved to IDLE	

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.29

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

S

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- engine 1	282 210 51
- engine 2	282 210 52
Spare bulb kit	
• needs replenishing	251 110 00
SPD flag shows on integrated standby flight display	342 609 00
SPD flag shows on the EFIS display	
- captain's	342 040 31
- first officer's	342 040 32
SPD LIM shows	
- captain's	273 160 31
- first officer's	273 160 32
SPDTRM LCH shows in DFCS BITE FAULT HISTORY	221 207 00
Speaker in the flight compartment	
• does not operate	
- captain's	235 080 31
- first officer's	235 080 32
Speed brake	
• auto extend does not operate	276 040 00
• auto retract does not operate	276 050 00
• chatters	276 060 00
• flight detent does not operate	276 070 00
• lever does not move freely	276 080 00
SPEED BRAKE ARMED light	
• does not operate	276 020 00
SPEED BRAKE DO NOT ARM light	
• light on	276 030 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.30

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

S

FAULT DESCRIPTION

FAULT CODE

SPEED TRIM FAIL light

- light on 221 050 00

SPEED TRIM FAIL light on

- light on when MASTER CAUTION switch is pushed . . 221 060 00

SPEEDBRAKES EXTENDED light

- light on with airplane on the ground 276 035 00

Spoilers

- do not move in one direction 276 110 00
- flight spoilers do not operate 276 090 00
- ground spoilers do not operate 276 100 00
- spoiler panel(s) float 276 010 00

STAB OUT OF TRIM light

- light on 221 070 00

Stabilizer

- control cable tension repeatedly checks low 274 010 00
- fails to trim
 - nose down 274 020 00
 - nose up 274 030 00
 - nose up and nose down 274 040 00
- too much play in stabilizer surface 274 060 00

Stabilizer trim

- does not hold position in flight 274 130 00
- does not move freely 274 070 00
- moves with slow speed only 274 080 00
- unscheduled nose up
 - autopilot engaged in CMD A 221 910 00
 - autopilot engaged in CMD A or CMD B 221 930 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.31
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

S

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u>
- autopilot engaged in CMD B	221 920 00
• wheel coasts more than 2.5 turns (flaps down)	274 120 00
Stabilizer trim switches	
• do not operate trim down	
- captain's	274 160 31
- first officer's	274 160 32
• do not operate trim up	
- captain's	274 150 31
- first officer's	274 150 32
• do not operate trim up and trim down	
- captain's	274 170 31
- first officer's	274 170 32
Stall, turbulence, buffet, or overspeed	055 070 00
Standby airspeed indicator problem	341 020 00
Standby altimeter problem	341 010 00
Standby attitude indicator	
• G/S flag shows	342 650 00
• glideslope deviation pointer out of view	342 630 00
• GYRO flag shows	342 670 00
• LOC flag shows	342 660 00
• localizer deviation pointer out of view	342 620 00
Standby compass light	
• does not come on	331 100 00
• does not go off	331 101 00
Standby flight display, integrated (ISFD)	
• ALT flag shows	342 602 00
• ATT flag shows	342 603 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.32

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

S

FAULT DESCRIPTION

FAULT CODE

• attitude display disagrees with primary display; no flag shows	342 611 00
• display blank	342 601 00
• G/S flag shows	342 604 00
• HDG flag shows	342 605 00
• LOC flag shows	342 606 00
• OUT OF ORDER flag shows	342 607 00
• PROGRAM PIN ERROR flag shows	342 608 00
• SPD flag shows	342 609 00
• WAIT ATT flag shows	342 610 00

STANDBY HYD LOW PRESSURE light

• light on	293 220 00
----------------------	------------

STANDBY HYD LOW QUANTITY light

• light on	293 180 00
----------------------	------------

Standby hydraulic pump

• does not operate	292 010 00
------------------------------	------------

Standby magnetic compass error

342 510 00

STANDBY PWR OFF light

• light on with AC power supplied and STANDBY POWER switch at AUTO or BAT	243 010 00
• light on with BAT switch at ON and STANDBY POWER switch at AUTO or BAT	243 020 00

STBY RUD ON light

• light is on	272 070 00
-------------------------	------------

Strobe light, anti-collision

• does not go off	
- left wing	334 250 41
- right wing	334 250 42

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.33

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

S

FAULT DESCRIPTION

FAULT CODE

- tail	334 260 00
Strut or nacelle dragged or damaged	
- engine 1	055 100 51
- engine 2	055 100 52
Sun visor problem	
- captain's	251 120 31
- first officer's	251 120 32
SUPPLY DUCT air temperature indication	
• not correct	216 160 00
Surge of APU during main engine start	492 160 00
Switch, lighted pushbutton	
• does not come on correctly	331 020 00
• does not go off	331 021 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.34
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

T

FAULT DESCRIPTION

FAULT CODE

Tail dragged	055 110 00
Tailcone light	
• does not come on	333 070 00
• does not go off	333 071 00
Takeoff warning horn	
• does not sound	312 010 00
• sounds (false warning)	312 015 00
TAS data	
• does not show on the navigation display	
- captain's	342 120 31
- first officer's	342 120 32
TAT data	
• does not show on the engine display	342 050 00
Taxi light	
• does not come on	334 320 00
• does not go off	334 330 00
TCAS	
• display blank	
- captain's	344 310 31
- captain's and first officer's	344 310 48
- first officer's	344 310 32
• intruder symbol stays directly in front of the airplane symbol on the navigation display	344 350 00
• intruder symbols do not show on the navigation display	344 380 00
• intruder symbols show when the airplane is on the ground	344 320 00
• navigation display shows TCAS OFF with the control panel selector switch at TA	344 330 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.35

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

T

FAULT DESCRIPTION

FAULT CODE

- navigation display shows TCAS OFF with the control panel selector switch at TA/RA 344 340 00
- system test does not start when the TEST switch is pushed 344 390 00
- system test problem 344 395 00
- voice annunciation (aural) problem 344 360 00

TCAS FAIL flag on navigation display

- shows with ATC transponder selector at TA and does not show with selector at TA/RA 344 371 00
- shows with ATC transponder selector at TA and shows with selector at TA/RA 344 370 00
- shows with ATC transponder selector at TA/RA and does not show with selector at TA 344 372 00

TCAS OFF shows on the navigation display

- with the control panel selector switch at TA 344 330 00
- with the control panel selector switch at TA/RA 344 340 00

TEMP PROBE light

- light on 303 100 00

Temperature

- too cold, cannot make warmer in AUTO and MANUAL mode, air mix valve does not move to HOT
 - CONT CABIN 216 460 00
 - PASS CABIN 216 470 00
- too cold, cannot make warmer in AUTO mode, OK in MANUAL mode
 - CONT CABIN 216 420 00
 - PASS CABIN 216 430 00
- too hot, cannot make cooler in AUTO and MANUAL mode, air mix valve does not move to COLD
 - CONT CABIN 216 440 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.36

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

T

FAULT DESCRIPTION

FAULT CODE

- PASS CABIN	216 450 00
• too hot, cannot make cooler in AUTO mode, OK in MANUAL mode	
- CONT CABIN	216 400 00
- PASS CABIN	216 410 00

Temperature control

• AUTO control does not operate	
- AFT CAB	216 050 00
- CONT CAB	216 040 00
- FWD CAB	216 060 00
- PASS CABIN	216 070 00
• cannot cool cabins, all temperature selectors set to full cold	216 510 00

Temperature indication not correct

- air temperature selector at AFT SUPPLY DUCT	216 170 00
- air temperature selector at AFT ZONE CABIN	216 120 00
- air temperature selector at CONT CAB SUPPLY DUCT	216 140 00
- air temperature selector at FWD SUPPLY DUCT . . .	216 180 00
- air temperature selector at FWD ZONE CABIN	216 130 00
- air temperature selector at PACK L	215 060 00
- air temperature selector at PACK R	215 070 00
- air temperature selector at PASS CABIN	216 190 00
- air temperature selector at SUPPLY DUCT	216 160 00

TERR FAIL message shows	344 450 00
-----------------------------------	------------

TERR POS message shows	344 430 00
----------------------------------	------------

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.37

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

T

FAULT DESCRIPTION

FAULT CODE

TERR RANGE DISAGREE message shows	344 460 00
Terrain display for ground proximity	
• does not show	
- captain's	344 480 31
- captain's and first officer's	344 480 48
- first officer's	344 480 32
Throttle resolver angle indication	
• blank during BITE interactive range check	223 210 00
Thrust lever	
• does not go to full rated N1 when TO/GA switch is pushed a second time during go-around	
- engine 1	223 070 51
- engine 1 and engine 2	223 070 48
- engine 2	223 070 52
• does not go to reduced N1 when TO/GA switch is pushed one time during go-around	
- engine 1	223 080 51
- engine 1 and engine 2	223 080 48
- engine 2	223 080 52
• does not move back with autothrottle in RETARD mode	
- engine 1	223 100 51
- engine 1 and engine 2	223 100 48
- engine 2	223 100 52
• does not move forward when TO/GA switch is pushed	
- engine 1	223 060 51
- engine 1 and engine 2	223 060 48
- engine 2	223 060 52
• levers not aligned (staggered) for same N1 on both engines	760 010 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.38

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

T

FAULT DESCRIPTION

FAULT CODE

• split, OK with autothrottle disengaged	223 180 00
Thrust mode	
• does not show on the engine display	346 230 00
Thrust reverser deploy	
• REV message does not show, thrust reverser does not deploy, and reverse thrust lever does not move to full reverse thrust	
- engine 1	780 030 51
- engine 2	780 030 52
• REV message shows amber, reverse thrust lever does not move to full reverse thrust	
- engine 1	780 050 51
- engine 2	780 050 52
• REV message shows amber, reverse thrust lever moves to full reverse thrust but engine does not go to full reverse thrust	
- engine 1	780 040 51
- engine 2	780 040 52
• REV message shows green, reverse thrust lever does not move to full reverse thrust	
- engine 1	780 060 51
- engine 2	780 060 52
• REV message shows green, reverse thrust lever moves to full reverse thrust but engine does not go to full reverse thrust	
- engine 1	780 065 51
- engine 2	780 065 52
• time to extend thrust reverser too slow (more than 3 seconds)	
- engine 1	780 070 51

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.39

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

T

FAULT DESCRIPTION

FAULT CODE

- engine 2 780 070 52

Thrust reverser stow

- REV message shows amber or green, ENG CONTROL light off, REVERSER light on
 - engine 1 780 090 51
 - engine 2 780 090 52
- REV message shows amber or green, ENG CONTROL light on, REVERSER light off
 - engine 1 780 080 51
 - engine 2 780 080 52
- REV message shows green, ENG CONTROL light off, REVERSER light on
 - engine 1 780 105 51
 - engine 2 780 105 52
- REVERSER light does not come on momentarily during stow, thrust reverser operates normal
 - engine 1 780 100 51
 - engine 2 780 100 52
- time to retract thrust reverser too slow (more than 5 seconds)
 - engine 1 780 110 51
 - engine 2 780 110 52

Tiller steering

- does not operate 325 070 00
- response is sluggish 325 080 00
- steers in left direction only 325 090 00
- steers in right direction only 325 100 00

Tire problem

- main gear left inboard 324 150 02

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.40
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

T

FAULT DESCRIPTION

FAULT CODE

- main gear left outboard	324 150 01
- main gear right inboard	324 150 03
- main gear right outboard	324 150 04
- nose gear left	324 150 05
- nose gear right	324 150 06

TO/GA pitch mode

- does not show on the flight mode annunciator for go-around when TO/GA switch is pushed and F/D on
 - captain's 221 200 31
 - captain's and first officer's 221 200 48
 - first officer's 221 200 32
- does not show on the flight mode annunciator for takeoff when TO/GA switch is pushed and F/D on
 - captain's 221 190 31
 - captain's and first officer's 221 190 48
 - first officer's 221 190 32

TR UNIT light

- light on 243 040 00

TRANSFER BUS OFF and SOURCE OFF lights

- lights on with GRD PWR switch at ON
 - no. 1 244 010 01
 - no. 1 and no. 2 244 010 48
 - no. 2 244 010 02
- lights on with the APU generator on line
 - no. 1 242 060 01
 - no. 2 242 060 02

TRANSFER BUS OFF light

- flickers with IDG on line
 - generator 1 242 070 01

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.41

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

T

FAULT DESCRIPTION

FAULT CODE

- generator 2	242 070 02
Trim air valve does not operate	216 310 00
Trim switch	
• does not operate correctly	272 100 00
Turbulence (severe), stall, buffet, or overspeed	055 070 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.42

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

V

FAULT DESCRIPTION

FAULT CODE

VALVE OPEN light for fuel crossfeed

- | | |
|--|------------|
| • does not come on when the valve is in transit | 282 125 00 |
| • stays on bright when the crossfeed selector is moved to the off position | 282 120 00 |
| • stays on bright when the crossfeed selector is moved to the on position | 282 110 00 |

Valve position light, refuel panel

- | | |
|---|------------|
| • light does not come on with valves selected open and refueling manifold pressurized | |
| - all tanks | 282 030 48 |
| - center tank | 282 030 43 |
| - tank no. 1 | 282 030 01 |
| - tank no. 2 | 282 030 02 |
| • light does not go off after pressing the press-to-test switch | |
| - all tanks | 282 020 48 |
| - center tank | 282 020 43 |
| - tank no. 1 | 282 020 01 |
| - tank no. 2 | 282 020 02 |
| • stays on with switch at CLOSED | |
| - all tanks | 282 070 48 |
| - center tank | 282 070 43 |
| - tank no. 1 | 282 070 01 |
| - tank no. 2 | 282 070 02 |

VERIFY POSITION message shows on CDU and POS SHIFT page shows large IRS drift

342 225 00

VERT SPEED window display on the mode control panel

- | | |
|---|------------|
| • does not change with vertical speed selector change | 221 830 00 |
| • does not show | 221 840 00 |

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.43

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

V

FAULT DESCRIPTION

FAULT CODE

Vertical Situation Display problem

- captain's	344 501 31
- first officer's	344 501 32

Vertical speed data

• does not show	
- captain's	342 180 31
- first officer's	342 180 32

Vertical speed pointer

• does not show	
- captain's	342 185 31
- first officer's	342 185 32

VHF 1 control panel problem	231 030 00
---------------------------------------	------------

VHF 1 radio

• reception and transmission problem at all stations . . .	231 310 48
• reception and transmission problem at one station	
- captain's	231 310 31
- first observer's	231 310 33
- first officer's	231 310 32
• reception problem at all stations	231 320 48
• reception problem at one station	
- captain's	231 320 31
- first observer's	231 320 33
- first officer's	231 320 32
• transmission problem at all stations	231 330 48
• transmission problem at one station	
- captain's	231 330 31
- first observer's	231 330 33
- first officer's	231 330 32

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.44

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

V

FAULT DESCRIPTION

FAULT CODE

VHF 2 control panel problem	231 040 00
VHF 2 radio	
• reception and transmission problem at all stations . . .	231 430 48
• reception and transmission problem at one station	
- captain's	231 430 31
- first observer's	231 430 33
- first officer's	231 430 32
• reception problem at all stations	231 440 48
• reception problem at one station	
- captain's	231 440 31
- first observer's	231 440 33
- first officer's	231 440 32
• transmission problem at all stations	231 450 48
• transmission problem at one station	
- captain's	231 450 31
- first observer's	231 450 33
- first officer's	231 450 32
VHF 3 control panel problem	231 050 00
VHF 3 radio	
• reception and transmission problem at all stations . . .	231 550 48
• reception and transmission problem at one station	
- captain's	231 550 31
- first observer's	231 550 33
- first officer's	231 550 32
• reception problem at all stations	231 560 48
• reception problem at one station	
- captain's	231 560 31
- first observer's	231 560 33

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.45

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

V

FAULT DESCRIPTION	FAULT CODE
- first officer's	231 560 32
• transmission problem at all stations	231 570 48
• transmission problem at one station	
- captain's	231 570 31
- first observer's	231 570 33
- first officer's	231 570 32
Vibration in aft and forward fuselage	273 070 00
Vibration indication	
• blank	
- engine 1	770 040 51
- engine 2	770 040 52
• high	
- engine 1	710 232 51
- engine 2	710 232 52
• zero or fluctuates	
- engine 1	770 050 51
- engine 2	770 050 52
Vibration, APU	
• excessive	491 020 00
Voice recorder	
• signal problem at monitor jack	237 010 00
• STATUS light or TEST light does not come on when TEST switch is pushed	237 020 00
• system operation problem (airplanes with AUTO/ON switch)	237 050 00
Volcanic ash condition	055 050 00
VOR	
• audio tone does not occur or is weak	

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.46

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

V

FAULT DESCRIPTION

FAULT CODE

- captain's	345 010 31
- first officer's	345 010 32
• bearing pointer 1 does not show, VOR1 flag does not show	345 030 01
• bearing pointer 2 does not show, VOR2 flag does not show	345 030 02
• data on NAV STATUS display of CDU shows FAIL . . .	346 490 00
• deviation bar does not show on the navigation display	
- VOR1	345 050 01
- VOR2	345 050 02
• test problem when you push the TEST switch on the navigation control panel	
- captain's	345 020 31
- first officer's	345 020 32
• TO/FROM indication does not show on the navigation display	
- VOR1	345 060 01
- VOR2	345 060 02
VOR flag shows on the radio magnetic indicator	342 440 00
VOR frequency	
• shows dashes	
- VOR1	345 070 01
- VOR2	345 070 02
VOR1 flag shows on the display	345 040 01
VOR2 flag shows on the display	345 040 02
VSD flag shows	
- captain's	344 502 31
- first officer's	344 502 32

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.47
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

V

FAULT DESCRIPTION

FAULT CODE

VSI flag shows

- | | |
|-----------------------------|------------|
| - captain's | 342 175 31 |
| - first officer's | 342 175 32 |

VTK flag shows

- | | |
|-----------------------------|------------|
| - captain's | 346 200 31 |
| - first officer's | 346 200 32 |

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.48
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

W

FAULT DESCRIPTION

FAULT CODE

WAIT ATT flag shows on integrated standby flight display .	342 610 00
Waste quantity indicator	
• shows tank is empty when tank is full	
- attendant's panel	383 050 00
• shows tank is full when tank is not full	
- attendant's panel	383 040 00
Waste tank	
• does not precharge	383 020 00
Waste tank drain valve handle	
• does not drain tank when pulled	383 030 00
Water leakage	
- aft cargo compartment ceiling	381 050 45
- forward cargo compartment ceiling	381 050 44
Water, potable	
• auxiliary tank (40-gallon) leaks	381 042 00
• main tank (60-gallon) leaks	381 041 00
• system does not pressurize	381 020 00
• tank does not fill	381 030 00
• tank leaks	381 040 00
Weather radar	
• +1 tilt angle shows during system displays test	
(predictive windshear)	344 161 00
• +2 tilt angle shows during system displays test	
(predictive windshear)	344 166 00
• +3 tilt angle shows during system displays test	
(predictive windshear)	344 171 00
• +4 tilt angle shows during system displays test	
(predictive windshear)	344 176 00

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.49

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

W

FAULT DESCRIPTION

FAULT CODE

• -1 tilt angle shows during system displays test (predictive windshear)	344 160 00
• -2 tilt angle shows during system displays test (predictive windshear)	344 165 00
• -3 tilt angle shows during system displays test (predictive windshear)	344 170 00
• -4 tilt angle shows during system displays test (predictive windshear)	344 175 00
• -5 tilt angle shows during system displays test (predictive windshear)	344 180 00
• -6 tilt angle shows during system displays test (predictive windshear)	344 185 00
• -7 tilt angle shows during system displays test (predictive windshear)	344 186 00
• -8 tilt angle shows during system displays test (predictive windshear)	344 190 00
• display blank	
- captain's	344 090 31
- first officer's	344 090 32
• gain control problem	
- left	344 100 41
- right	344 100 42
• mode selector problem	
- left	344 110 41
- right	344 110 42
• no aural warnings during system displays test (predictive windshear)	344 140 00
• returns weak or incorrect colors on CDS	
- captain's	344 120 31
- first officer's	344 120 32
• tilt control problem	

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.50

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

W

FAULT DESCRIPTION

FAULT CODE

- | | |
|--|------------|
| - left | 344 130 41 |
| - right | 344 130 42 |
| • WINDSHEAR does not show during system displays test (predictive windshear) | 344 150 00 |

Wheel well light

- | | |
|-------------------------------|------------|
| • does not come on | |
| - main landing gear | 333 010 00 |
| - nose landing gear | 333 020 00 |
| • does not go off | |
| - main landing gear | 333 011 00 |
| - nose landing gear | 333 021 00 |
| • light on | 261 090 00 |

Window heat

- | | |
|---|------------|
| • does not heat correctly | |
| - side window | 304 090 00 |
| - upper window | 304 100 00 |
| - windshield | 304 080 00 |
| • lights do not operate correctly when the test switch is moved to PWR TEST | 304 050 00 |
| • master caution and OVERHEAT lights do not operate correctly when the test switch is moved to OVHT | 304 060 00 |

WINDOW HEAT OVERHEAT light

- | | |
|--------------------|------------|
| • light on | |
| - L FWD | 304 010 41 |
| - L SIDE | 304 020 41 |
| - R FWD | 304 010 42 |
| - R SIDE | 304 020 42 |

WINDOW HEAT Power ON light

- does not come on

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.51
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

W

FAULT DESCRIPTION

FAULT CODE

- L FWD	304 030 41
- L SIDE	304 040 41
- R FWD	304 030 42
- R SIDE	304 040 42

Window, flight compartment

• delaminated, cracked, chipped, crazed, scratched, or has bubbles	
- no. 1 left	561 010 41
- no. 1 right	561 010 42
- no. 2 left	561 020 41
- no. 2 right	561 020 42
- no. 3 left	561 030 41
- no. 3 right	561 030 42
• sliding difficult to operate	
- no. 2 left	561 070 41
- no. 2 right	561 070 42
• sliding has air leak	
- no. 2 left	561 080 41
- no. 2 right	561 080 42
• windows need cleaning	561 060 00

Windshield

• air outlet does not operate	
- captain's	212 010 31
- first officer's	212 010 32

Windshield wiper

• does not operate in any switch position	
- left	304 200 41
- right	304 200 42
• does not operate in one switch position	

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.52
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

W

FAULT DESCRIPTION

FAULT CODE

- left	304 210 41
- right	304 210 42
• does not park in the correct position	
- left	304 240 41
- right	304 240 42
• does not remove water correctly	
- left	304 260 41
- right	304 260 42
• does not stop	
- left	304 250 41
- right	304 250 42
• speed is incorrect	
- left	304 220 41
- right	304 220 42
• sweep is incorrect	
- left	304 230 41
- right	304 230 42

WING ANTI-ICE L VALVE OPEN light

• does not come on	301 080 00
• does not go bright during transition	301 015 41
• slow to go from bright to dim when switch is moved to ON	301 010 00
• slow to go from bright to off when switch is moved to OFF	301 020 00
• stays on bright	301 030 00

WING ANTI-ICE R VALVE OPEN light

• does not come on	301 090 00
• does not go bright during transition	301 015 42

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.53
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

W

FAULT DESCRIPTION

FAULT CODE

- slow to go from bright to dim when switch is moved to ON 301 050 00
- slow to go from bright to off when switch is moved to OFF 301 060 00
- stays on bright 301 070 00

WING ANTI-ICE switch

- does not latch in the ON position with the engines not operating 301 100 00
- unlatches when the engines are operating 301 110 00

Wing down aileron trim

- does not operate
 - left 271 050 41
 - left and right 271 050 48
 - right 271 050 42

Wing illumination light

- does not come on
 - left 334 010 41
 - right 334 010 42
- does not go off
 - left 334 020 41
 - right 334 020 42

WING-BODY OVERHEAT light

- light does not come on when OVHT/TEST switch is pushed
 - left 261 120 41
 - left and right 261 120 48
 - right 261 120 42
- light on 261 110 00

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.54
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

W

FAULT DESCRIPTION

FAULT CODE

WXR ATT message shows

- | | |
|-----------------------------|------------|
| - captain's | 344 030 31 |
| - first officer's | 344 030 32 |

WXR DSPY message shows

- | | |
|-----------------------------|------------|
| - captain's | 344 040 31 |
| - first officer's | 344 040 32 |

WXR FAIL message shows

- | | |
|-----------------------------|------------|
| - captain's | 344 050 31 |
| - first officer's | 344 050 32 |

WXR RANGE DISAGREE message shows

- | | |
|-----------------------------|------------|
| - captain's | 344 060 31 |
| - first officer's | 344 060 32 |

WXR STAB message shows

- | | |
|-----------------------------|------------|
| - captain's | 344 070 31 |
| - first officer's | 344 070 32 |

WXR WEAK message shows

- | | |
|-----------------------------|------------|
| - captain's | 344 080 31 |
| - first officer's | 344 080 32 |

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.55

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

Y

FAULT DESCRIPTION

FAULT CODE

Yaw damper

- | | |
|--|------------|
| • disengaged automatically, YAW DAMPER light came on | 222 030 00 |
| • operation not normal | 222 020 00 |

YAW DAMPER light

- | | |
|--|------------|
| • does not go off with YAW DAMPER switch at ON | 222 010 00 |
|--|------------|

EFFECTIVITY
HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.56
Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

Z

FAULT DESCRIPTION

FAULT CODE

ZONE TEMP light

- | | |
|--|------------|
| • comes on unexpectedly during master caution recall . | 216 224 00 |
| • light on, cannot reset | |
| - aft cabin | 216 202 00 |
| - control cabin | 216 212 00 |
| - forward cabin | 216 222 00 |
| • light on, comes on again after reset | |
| - aft cabin | 216 203 00 |
| - control cabin | 216 213 00 |
| - forward cabin | 216 223 00 |
| • light on, stays off after reset | |
| - aft cabin | 216 201 00 |
| - control cabin | 216 211 00 |
| - forward cabin | 216 221 00 |

EFFECTIVITY

HAP ALL

OBSERVED FAULTS

D633A113-HAP

Page 98.57

Jun 15/2009



737-600/700/800/900

FAULT REPORTING MANUAL

FAULT DESCRIPTION

FAULT CODE (location ---)

COMMUNICATIONS/PUBLIC ADDRESS

Cabin attendant handset

- | | |
|------------------------|------------|
| • Damaged | C12 12 --- |
| • Distorted | C12 20 --- |
| • Inoperative | C12 33 --- |
| • Volume problem | C12 65 --- |

Chimes

- | | |
|---------------------------|------------|
| • Does not turn off | C14 83 --- |
| • Does not turn on | C14 84 --- |
| • Volume problem | C14 65 --- |

Chimes light

- | | |
|---------------------------|------------|
| • Does not turn off | C18 83 --- |
| • Does not turn on | C18 84 --- |

Passenger address system

- | | |
|------------------------|------------|
| • Distorted | C16 20 --- |
| • Inoperative | C16 33 --- |
| • Intermittent | C16 34 --- |
| • Volume problem | C16 65 --- |

Speaker

- | | |
|------------------------|------------|
| • Inoperative | C17 33 --- |
| • Intermittent | C17 34 --- |
| • Noisy | C17 42 --- |
| • Volume problem | C17 65 --- |

EFFECTIVITY

HAP ALL

CABIN FAULTS

D633A113-HAP

Page 1
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
DOORS/EXITS/WINDOWS	
Cabin window	
• Cracked	D11 15 ---
• Dirty	D11 17 ---
• Fogged/moisture between panes	D11 24 ---
• Leaking	D11 36 ---
• Noisy	D11 42 ---
• Scratched	D11 51 ---
Cabin window shade	
• Damaged	D12 12 ---
• Hard to operate	D12 29 ---
• Loose	D12 37 ---
• Missing	D12 39 ---
• Stuck	D12 58 ---
Door	
• Hard to close	D13 27 ---
• Hard to open	D13 28 ---
Door grab handle	
• Damaged	D26 12 ---
• Missing	D26 39 ---
Door handle	
• Does not stay upright	D16 81 ---
Door hold-open mechanism	
• Hard to operate	D18 29 ---
Door latch mechanism	
• Hard to operate	D19 29 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 2
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
--------------------------	-------------------------------------

DOORS/EXITS/WINDOWS (continued)

Door seal

• Leaking	D22 36 ---
• Noisy	D22 42 ---
• Torn	D22 60 ---

Door window

• Cracked	D23 15 ---
• Dirty	D23 17 ---
• Fogged/moisture between panes	D23 24 ---
• Leaking	D23 36 ---
• Noisy	D23 42 ---
• Scratched	D23 51 ---

Door window shade

• Damaged	D24 12 ---
• Hard to operate	D24 29 ---
• Loose	D24 37 ---
• Missing	D24 39 ---
• Stuck	D24 58 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 3
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
EMERGENCY EQUIPMENT	
Emergency area light	
• Does not turn off	E32 83 ---
• Does not turn on	E32 84 ---
Emergency exit sign	
• Does not turn off	E12 83 ---
• Does not turn on	E12 84 ---
Emergency floor proximity light	
• Does not turn off	E27 83 ---
• Does not turn on	E27 84 ---
Escape slide pack bustle	
• Damaged	E13 12 ---
• Loose	E13 37 ---
Escape slide pack pressure gauge	
• Damaged	E14 12 ---
• Hard to read	E14 94 ---
• Low pressure/quantity	E14 38 ---
Escape strap	
• Damaged	E49 12 ---
• Does not stow	E49 82 ---
Extension seat belt	
• Damaged	E38 12 ---
• Missing	E38 39 ---
Fire extinguisher	
• Missing	E15 39 ---
• Seal broken/missing	E15 96 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 4
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
EMERGENCY EQUIPMENT (continued)	
• Used	E15 64 ---
First aid kit	
• Missing	E16 39 ---
• Seal broken/missing	E16 96 ---
• Used	E16 64 ---
Flashlight	
• Damaged	E17 12 ---
• Does not turn off	E17 83 ---
• Does not turn on	E17 84 ---
• Missing	E17 39 ---
• Needs service	E17 41 ---
Flashlight LED	
• Does not turn on	E37 84 ---
Life vest, child	
• Damaged	E18 12 ---
• Missing	E18 39 ---
Life vest, crew	
• Damaged	E19 12 ---
• Missing	E19 39 ---
Life vest, demo	
• Damaged	E29 12 ---
• Missing	E29 39 ---
Life vest, passenger	
• Damaged	E20 12 ---
• Missing	E20 39 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 5
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
EMERGENCY EQUIPMENT (continued)	
Oxygen demo mask	
• Damaged	E21 12 ---
• Missing	E21 39 ---
Oxygen mask door on PSU	
• Does not stay upright	E51 81 ---
Portable oxygen bottle	
• Low pressure/quantity	E22 38 ---
• Missing	E22 39 ---
• Used	E22 64 ---
Portable oxygen mask	
• Damaged	E23 12 ---
• Missing	E23 39 ---
• Used	E23 64 ---
Therapeutic oxygen bottle	
• Low pressure/quantity	E55 38 ---
• Missing	E55 39 ---
• Used	E55 64 ---
Therapeutic oxygen mask	
• Damaged	E56 12 ---
• Missing	E56 39 ---
• Used	E56 64 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 6
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
GALLEYS	
Cart restraint quarter turn	
• Missing	G24 39 ---
• Needs adjustment	G24 40 ---
Coffee maker	
• Circuit breaker opens	G12 48 ---
• Damaged	G12 12 ---
• Inoperative	G12 33 ---
• Leaking	G12 36 ---
• Light does not come on	G12 21 ---
• Overflows	G12 44 ---
• Smoking or sparking	G12 55 ---
Counter/shelf	
• Damaged	G26 12 ---
• Stuck	G26 58 ---
Faucet in galley	
• Damaged	G13 12 ---
• Does not turn off	G13 83 ---
• Does not turn on	G13 84 ---
• High pressure	G13 86 ---
• Leaking	G13 36 ---
• Low pressure/quantity	G13 38 ---
• No hot water	G13 87 ---
• No water	G13 43 ---
• Overheats	G13 46 ---
Floor in galley	
• Damaged	G14 12 ---
• Dirty	G14 17 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 7
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
GALLEYS (continued)	
• Loose	G14 37 ---
• Torn	G14 60 ---
• Weak/spongy	G14 66 ---
• Wet	G14 67 ---
Folding cart	
• Damaged	G23 12 ---
• Latch or lock broken	G23 35 ---
Galley power	
• Inoperative	G55 33 ---
Oven	
• Damaged	G16 12 ---
• Dirty	G16 17 ---
• Does not close/fasten	G16 71 ---
• Does not heat enough	G16 76 ---
• Does not open	G16 77 ---
• Inoperative	G16 33 ---
• Overheats	G16 46 ---
• Smells bad	G16 54 ---
• Smoking or sparking	G16 55 ---
Sink in galley	
• Dirty	G17 17 ---
• Overflows	G17 44 ---
• Plugged	G17 47 ---
• Smells bad	G17 54 ---
Warming oven	
• Damaged	G27 12 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 8
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
GALLEYS (continued)	
• Dirty	G27 17 ---
• Does not close/fasten	G27 71 ---
• Does not heat enough	G27 76 ---
• Does not open	G27 77 ---
• Inoperative	G27 33 ---
• Overheats	G27 46 ---
• Smells bad	G27 54 ---
• Smoking or sparking	G27 55 ---
Waste container door in galley	
• Does not close/fasten	G20 71 ---
• Missing	G20 39 ---
Water supply in galley	
• Leaking	G52 36 ---
• Poor quality	G52 49 ---
• Smells bad	G52 54 ---
Work table in galley	
• Damaged	G21 12 ---
• Does not stay upright	G21 81 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 9
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
IN-FLIGHT ENTERTAINMENT SYSTEM	
Airshow	
• Inoperative	I34 33 ---
Audio entertainment player	
• Damaged	I28 12 ---
• Does not turn off	I28 83 ---
• Does not turn on	I28 84 ---
• Inoperative	I28 33 ---
Seat audio	
• Does not turn off	I27 83 ---
• Does not turn on	I27 84 ---
• Inoperative	I27 33 ---
• Intermittent	I27 34 ---
• Poor audio quality	I27 98 ---
• Volume problem	I27 65 ---
Seat audio channel select	
• Damaged	I31 12 ---
• Inoperative	I31 33 ---
Seat audio jack	
• Loose	I29 37 ---
• Plugged	I29 47 ---
Seat audio volume control	
• Damaged	I22 12 ---
• Inoperative	I22 33 ---
Video monitor	
• Damaged	I11 12 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 10
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
IN-FLIGHT ENTERTAINMENT SYSTEM (continued)	
• Inoperative	I11 33 ---
• Poor picture quality	I11 97 ---
Video tape reproducer	
• Does not eject	I26 72 ---
• Does not rewind	I26 79 ---
• Does not turn off	I26 83 ---
• Inoperative	I26 33 ---
• Poor audio quality	I26 98 ---
• Poor picture quality	I26 97 ---
• Shuts off	I26 52 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 11
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
LIGHTS	
Attendant work light	
• Does not turn off	L31 83 ---
• Does not turn on	L31 84 ---
Call light above passenger seat	
• Does not turn off	L11 83 ---
• Does not turn on	L11 84 ---
Ceiling light, bin mounted	
• Does not turn off	L13 83 ---
• Does not turn on	L13 84 ---
Ceiling light, recessed	
• Does not turn off	L30 83 ---
• Does not turn on	L30 84 ---
Closet light	
• Does not turn off	L16 83 ---
• Does not turn on	L16 84 ---
Entry light	
• Does not turn off	L17 83 ---
• Does not turn on	L17 84 ---
Galley ceiling light	
• Does not turn off	L18 83 ---
• Does not turn on	L18 84 ---
Galley work light	
• Does not turn off	L20 83 ---
• Does not turn on	L20 84 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 12
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
LIGHTS (continued)	
Lavatory light	
• Does not turn off	L19 83 ---
• Does not turn on	L19 84 ---
Night light	
• Does not turn off	L21 83 ---
• Does not turn on	L21 84 ---
Reading light	
• Does not turn off	L23 83 ---
• Does not turn on	L23 84 ---
Window light	
• Does not turn off	L25 83 ---
• Does not turn on	L25 84 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 13
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
MISCELLANEOUS/CABIN GENERAL	
Area heater in door	
• Inoperative	M22 33 ---
Bump strip in cabin	
• Damaged	M46 12 ---
• Missing	M46 39 ---
CLEAN/CHECK SENSORS light on the attendant's panel	
• Light comes on	M63 93 ---
Carpet	
• Dirty	M11 17 ---
• Torn	M11 60 ---
• Wet	M11 67 ---
Ceiling panel	
• Damaged	M12 12 ---
• Dirty	M12 17 ---
• Loose	M12 37 ---
• Missing	M12 39 ---
• Wet	M12 67 ---
Closet door	
• Damaged	M13 12 ---
• Hard to close	M13 27 ---
• Hard to open	M13 28 ---
• Latch or lock broken	M13 35 ---
Compartment handle	
• Latch or lock broken	M28 35 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 14
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
MISCELLANEOUS/CABIN GENERAL (continued)	
Curtain	
• Dirty	M14 17 ---
• Missing	M14 39 ---
• Torn	M14 60 ---
Curtain rails/hooks	
• Damaged	M48 12 ---
• Missing	M48 39 ---
Curtain tie backs	
• Damaged	M15 12 ---
• Dirty	M15 17 ---
• Does not lock in place	M15 85 ---
• Missing	M15 39 ---
• Torn	M15 60 ---
Door entry mats	
• Damaged	M49 12 ---
• Dirty	M49 17 ---
• Loose	M49 37 ---
• Missing	M49 39 ---
Emergency exit door area	
• Too cold	M62 14 ---
Fasten-seat-belt sign	
• Does not turn off	M23 83 ---
• Does not turn on	M23 84 ---
Floor in cabin	
• Weak/spongy	M47 66 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 15
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
MISCELLANEOUS/CABIN GENERAL (continued)	
Insects	
• Detected on airplane	M55 99 ---
LAVS INOP light on the attendant's panel	
• Light comes on	M64 93 ---
Lavatory-occupied sign	
• Does not turn off	M17 83 ---
• Does not turn on	M17 84 ---
No-smoking sign	
• Does not turn off	M19 83 ---
• Does not turn on	M19 84 ---
Overhead stowage bin	
• Damaged	M20 12 ---
• Dirty	M20 17 ---
• Does not close/fasten	M20 71 ---
• Does not open	M20 77 ---
• Latch or lock broken	M20 35 ---
• Needs adjustment	M20 40 ---
• Wet	M20 67 ---
Placard/decal in cabin	
• Damaged	M50 12 ---
• Incorrect	M50 32 ---
• Missing	M50 39 ---
Potable water indicator	
• Low pressure/quantity	M60 38 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 16
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
--------------------------	-------------------------------------

MISCELLANEOUS/CABIN GENERAL (continued)

Rodent

- Detected on airplane M54 99 ---

Sidewall panel

- Damaged M24 12 ---
- Dirty M24 17 ---
- Loose M24 37 ---

Stowage compartment door

- Damaged M59 12 ---
- Hard to close M59 27 ---
- Hard to open M59 28 ---
- Latch or lock broken M59 35 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 17
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
SEATS	
Flight attendant seat	
• Damaged	S15 12 ---
• Dirty	S15 17 ---
• Does not close/fasten	S15 71 ---
• Does not open	S15 77 ---
• Hard to operate	S15 29 ---
• Loose	S15 37 ---
• Torn	S15 60 ---
• Wet	S15 67 ---
Flight attendant seat harness	
• Damaged	S16 12 ---
• Hard to operate	S16 29 ---
• Needs adjustment	S16 40 ---
Passenger service unit air outlet	
• Inoperative	S35 33 ---
Passenger service unit panel	
• Does not close/fasten	S34 71 ---
• Loose	S34 37 ---
Seat aisle trim	
• Damaged	S20 12 ---
• Loose	S20 37 ---
Seat armrest	
• Damaged	S11 12 ---
• Does not extend/lower	S11 73 ---
• Needs adjustment	S11 40 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 18
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
SEATS (continued)	
Seat ashtray	
• Damaged	S12 12 ---
• Does not close/fasten	S12 71 ---
• Does not open	S12 77 ---
• Missing	S12 39 ---
• Needs adjustment	S12 40 ---
Seat assembly	
• Loose	S21 37 ---
Seat back	
• Damaged	S22 12 ---
• Dirty	S22 17 ---
• Does not recline	S22 78 ---
• Does not stay upright	S22 81 ---
• Loose	S22 37 ---
• Torn	S22 60 ---
• Wet	S22 67 ---
Seat back pocket	
• Damaged	S23 12 ---
• Dirty	S23 17 ---
• Torn	S23 60 ---
• Wet	S23 67 ---
Seat belt	
• Damaged	S24 12 ---
• Dirty	S24 17 ---
• Inoperative	S24 33 ---
• Missing	S24 39 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 19
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
SEATS (continued)	
Seat bottom cushion	
• Dirty	S25 17 ---
• Smells bad	S25 54 ---
• Stained	S25 57 ---
• Torn	S25 60 ---
• Wet	S25 67 ---
Seat footrest	
• Damaged	S13 12 ---
• Dirty	S13 17 ---
• Hard to operate	S13 29 ---
• Inoperative	S13 33 ---
• Torn	S13 60 ---
• Wet	S13 67 ---
Seat headrest	
• Damaged	S14 12 ---
• Dirty	S14 17 ---
• Hard to operate	S14 29 ---
• Inoperative	S14 33 ---
• Loose	S14 37 ---
• Torn	S14 60 ---
• Wet	S14 67 ---
Seat legrest	
• Damaged	S29 12 ---
• Dirty	S29 17 ---
• Does not stow	S29 82 ---
• Hard to operate	S29 29 ---
• Inoperative	S29 33 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 20
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
SEATS (continued)	
• Torn	S29 60 ---
• Wet	S29 67 ---
Seat safety card	
• Damaged	S19 12 ---
• Incorrect	S19 32 ---
• Missing	S19 39 ---
Seat track insert	
• Damaged	S26 12 ---
• Loose	S26 37 ---
• Missing	S26 39 ---
Seat tray table	
• Damaged	S27 12 ---
• Dirty	S27 17 ---
• Does not stow	S27 82 ---
• Latch or lock broken	S27 35 ---
• Needs adjustment	S27 40 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 21
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
TOILETS/LAVATORIES	
Countertop in lavatory	
• Damaged	T12 12 ---
• Dirty	T12 17 ---
Door to lavatory	
• Damaged	T13 12 ---
• Does not close/fasten	T13 71 ---
• Does not open	T13 77 ---
• Latch or lock broken	T13 35 ---
Faucet in lavatory	
• Damaged	T14 12 ---
• Does not turn off	T14 83 ---
• Does not turn on	T14 84 ---
• High pressure	T14 86 ---
• Leaking	T14 36 ---
• Low pressure/quantity	T14 38 ---
• No hot water	T14 87 ---
• No water	T14 43 ---
• Overheats	T14 46 ---
Floor in lavatory	
• Dirty	T31 17 ---
Grab handle in lavatory	
• Damaged	T15 12 ---
• Dirty	T15 17 ---
Mirror in lavatory	
• Damaged	T16 12 ---
• Dirty	T16 17 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 22
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
TOILETS/LAVATORIES (continued)	
• Loose	T16 37 ---
Return-to-seat sign in lavatory	
• Does not turn off	T18 83 ---
• Does not turn on	T18 84 ---
Sink drain stopper in lavatory	
• Inoperative	T20 33 ---
Sink in lavatory	
• Dirty	T32 17 ---
• Plugged	T32 47 ---
Smoke detector	
• Damaged	T21 12 ---
• Disconnected	T21 19 ---
• Does not turn off	T21 83 ---
• Inoperative	T21 33 ---
• Loose	T21 37 ---
• Missing	T21 39 ---
Soap dispenser	
• Damaged	T22 12 ---
• Empty	T22 22 ---
• Hard to operate	T22 29 ---
• Inoperative	T22 33 ---
• Leaking	T22 36 ---
Toilet bowl	
• Damaged	T23 12 ---
• Dirty	T23 17 ---
• Overflows	T23 44 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 23
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
TOILETS/LAVATORIES (continued)	
• Plugged	T23 47 ---
• Smells bad	T23 54 ---
Toilet flush button	
• Damaged	T24 12 ---
• Dirty	T24 17 ---
Toilet flush system	
• Does not flush	T25 74 ---
• Does not turn off	T25 83 ---
• Plugged	T25 47 ---
Toilet roll holder	
• Damaged	T39 12 ---
• Missing	T39 39 ---
Toilet seat	
• Damaged	T26 12 ---
• Dirty	T26 17 ---
• Missing	T26 39 ---
Toilet seat lid	
• Damaged	T27 12 ---
• Dirty	T27 17 ---
• Missing	T27 39 ---
Waste chute door in lavatory	
• Damaged	T28 12 ---
• Needs adjustment	T28 40 ---
• Plugged	T28 47 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

D633A113-HAP

Page 24
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL

<u>FAULT DESCRIPTION</u>	<u>FAULT CODE</u> (location ---)
TOILETS/LAVATORIES (continued)	
Water supply in lavatory	
• Poor quality	T41 49 ---
• Smells bad	T41 54 ---

EFFECTIVITY
HAP ALL

CABIN FAULTS

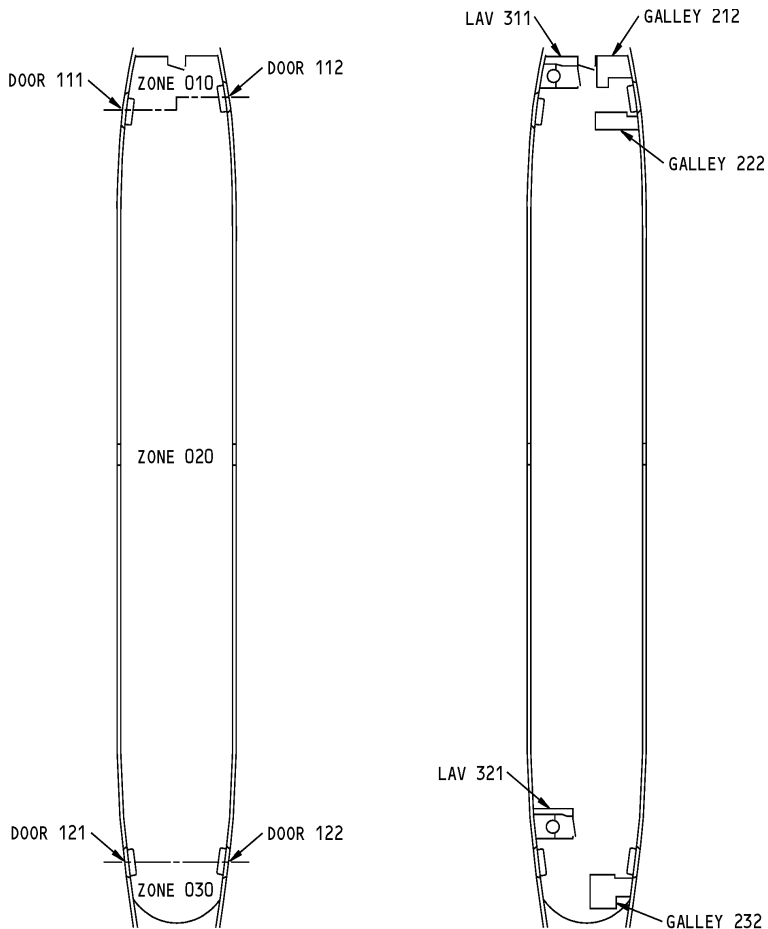
D633A113-HAP

Page 25
Jun 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL



NOTE:

- Use seat number of nearest seat if you do not find a location code here.
- Use location code of the applicable zone if fault occurs in entire zone.
- Use location code "000" if fault occurs in entire cabin.

Location Codes - Doors, Zones, Galleys, and Lavatories

Figure 1

EFFECTIVITY
HAP ALL

CABIN FAULT LOCATOR

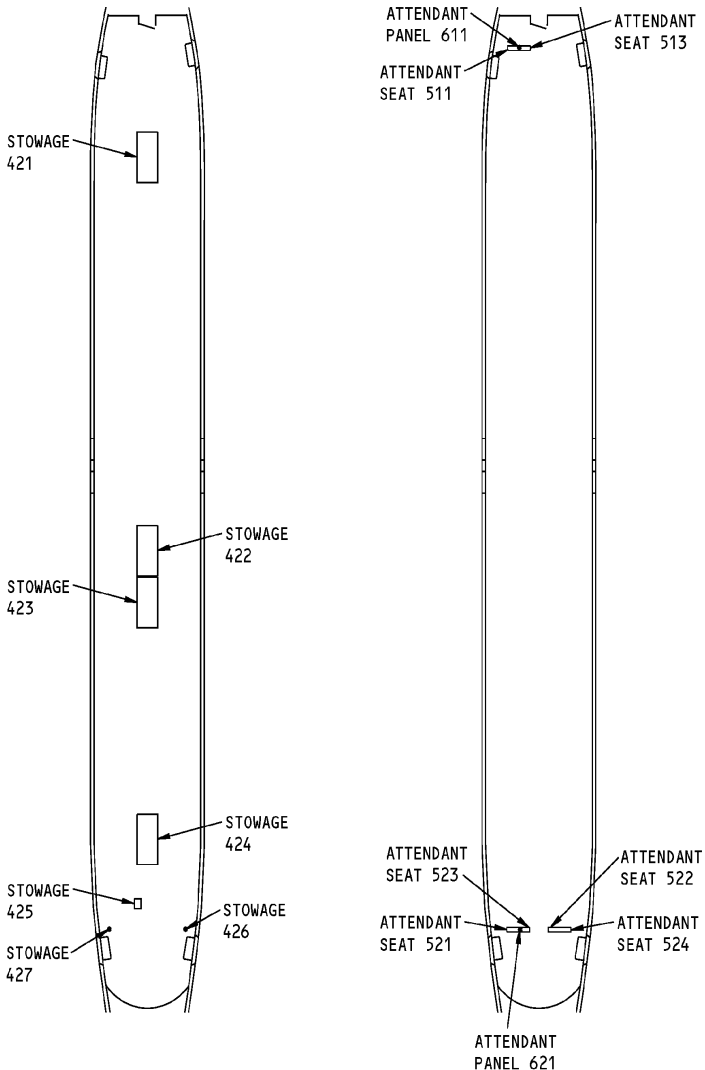
D633A113-HAP

Page 1
Feb 10/2005



737-600/700/800/900

FAULT REPORTING MANUAL



Location Codes - Closets, Stowage, Attendant Seats and Panels

Figure 2

EFFECTIVITY
HAP ALL

CABIN FAULT LOCATOR

D633A113-HAP

Page 2
Feb 10/2005