

**CHAPTER**

**31**

**INDICATING /  
RECORDING SYSTEMS**

CHAPTER 31  
INDICATING / RECORDING SYSTEMS

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
31-EFFECTIVE PAGES					31-31-01 (cont.)		101		
		1 thru 4		Aug 05/2009				8	Jan 21/2005
31-CONTENTS							102.1	1	Jan 21/2005
		1		Jun 28/2006				2	Jan 21/2005
		2		Jun 28/2006				3	Jan 21/2005
		3		Jun 28/2006				4	Jan 21/2005
		4		Jun 28/2006				5	Jan 21/2005
		5		Jun 28/2006				6	Jan 21/2005
		6		Jun 28/2006				7	Jan 21/2005
		7		Mar 14/2007				8	Jan 21/2005
		8		BLANK			103	1	Jan 21/2005
31-ALPHABETICAL INDEX								2	Jan 21/2005
		1		Jun 28/2006				3	Jan 21/2005
		2		BLANK				4	Jan 21/2005
31-25-01								5	Jan 21/2005
		101		Jan 21/2005				6	Jan 21/2005
31-31-01								7	Jan 21/2005
		101	1	Jan 21/2005				8	Jan 21/2005
			2	Jan 21/2005	31-35-00				
			3	Jan 21/2005			101		Jan 21/2005
			4	Jan 21/2005			102.1		Jan 21/2005
			5	Jan 21/2005			103		Jan 21/2005
			6	Jan 21/2005			104A		Jan 21/2005
			7	Jan 21/2005			105A		Jan 21/2005

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**31-EFFECTIVE PAGES**Page 1  
Aug 05/2009

D280T232

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CHAPTER 31  
INDICATING / RECORDING SYSTEMS

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
31-35-00 (cont.)		106.1		Jan 21/2005	31-41-01 (cont.)		105	1	Jan 21/2005
		107		Jan 21/2005				2	Jan 21/2005
31-35-01							106	1	Jan 21/2005
		101		Jan 21/2005				2	Jan 21/2005
31-36-01					31-41-02				
		101		Jan 21/2005			101	1	Jan 21/2005
		102A		Jan 21/2005				2	Jan 21/2005
31-40-01							102	1	Jan 21/2005
		101	1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005			103	1	Jan 21/2005
31-41-01								2	Jan 21/2005
		101	1	Jan 21/2005	31-41-03				
			2	Jan 21/2005			101	1	Jan 21/2005
		102.1	1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005	31-41-04				
		102.2	1	May 20/2005			101	1	Jan 21/2005
			2	May 20/2005				2	Jan 21/2005
		102.3	1	May 20/2005				3	Jan 21/2005
			2	May 20/2005				4	Jan 21/2005
		103A	1	Jan 21/2005			101.1	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		104.1	1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005				4	Jan 21/2005

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## 31-EFFECTIVE PAGES

Page 2  
Aug 05/2009

D280T232

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CHAPTER 31  
INDICATING / RECORDING SYSTEMS

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
31-41-04 (cont.)					31-41-05 (cont.)		102		
		101.2	1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
			3	Jan 21/2005			102.1	1	Jan 21/2005
			4	Jan 21/2005				2	Jan 21/2005
		102	1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005			102.2	1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
			4	Jan 21/2005				3	Jan 21/2005
					31-41-06				
		102.1	1	Jan 21/2005			101	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005					
			4	Jan 21/2005	31-41-07				
31-41-05							101	1	Jan 21/2005
		101	1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005			101.1	1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
		101.1	1	Jan 21/2005			102.1	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
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			3	Jan 21/2005				2	Jan 21/2005
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A = Added, R = Revised, D = Deleted, O = Overflow

## 31-EFFECTIVE PAGES

Page 3  
Aug 05/2009

D280T232

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

CHAPTER 31  
INDICATING / RECORDING SYSTEMS

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
31-41-07 (cont.)		103.1			31-51-05 (cont.)				
			2	Jan 21/2005			102		Jan 21/2005
31-41-08							102.1		Jan 21/2005
	101			Jan 21/2005			103.1A		Jan 21/2005
	102.1			Jan 21/2005	31-51-06				
	103			Jan 21/2005		101A			Jan 21/2005
	104			Jan 21/2005		102			Jan 21/2005
31-51-00					31-51-07				
	101			Jan 21/2005		101			Jan 21/2005
31-51-01									
	101		1	Jan 21/2005					
			2	Jan 21/2005					
31-51-02									
	101			Jan 21/2005					
31-51-03									
	101			Jan 21/2005					
	102			Jan 21/2005					
	103			Jan 21/2005					
31-51-04									
	101			Mar 14/2007					
	101.1			Mar 14/2007					
	102			Mar 14/2007					
31-51-05									
	101A			Jan 21/2005					

A = Added, R = Revised, D = Deleted, O = Overflow

## 31-EFFECTIVE PAGES

Page 4  
Aug 05/2009

D280T232

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

**CHAPTER 31**  
**INDICATING / RECORDING SYSTEMS**

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
<b><u>CLOCKS</u></b>						
CLOCKS	31-25-01		101		Jan 21/2005	050-099 150-199 275-278
<b><u>FLIGHT DATA RECORDER SYSTEM</u></b>						
DIGITAL FLIGHT RECORDER	31-31-01		101	1	Jan 21/2005	050-099 150-199
				2	Jan 21/2005	050-099 150-199
				3	Jan 21/2005	050-099 150-199
				4	Jan 21/2005	050-099 150-199
				5	Jan 21/2005	050-099 150-199
				6	Jan 21/2005	050-099 150-199
				7	Jan 21/2005	050-099 150-199
				8	Jan 21/2005	050-099 150-199
			102.1	1	Jan 21/2005	275-276
				2	Jan 21/2005	275-276
				3	Jan 21/2005	275-276
				4	Jan 21/2005	275-276
				5	Jan 21/2005	275-276
				6	Jan 21/2005	275-276
				7	Jan 21/2005	275-276
				8	Jan 21/2005	275-276
			103	1	Jan 21/2005	277-299
				2	Jan 21/2005	277-299
				3	Jan 21/2005	277-299
				4	Jan 21/2005	277-299

**CHAPTER 31**  
**INDICATING / RECORDING SYSTEMS**

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
DIGITAL FLIGHT RECORDER (cont.)	31-31-01			5	Jan 21/2005	277-299
				6	Jan 21/2005	277-299
				7	Jan 21/2005	277-299
				8	Jan 21/2005	277-299
<b><u>AIRCRAFT INTEGRATED DATA SYSTEM</u></b>						
AIRCRAFT INTEGRATED DATA SYSTEM SIMPLIFIED	31-35-00		101		Jan 21/2005	050-099
			102.1		Jan 21/2005	150
			103		Jan 21/2005	151
			104A		Jan 21/2005	152-154
			105A		Jan 21/2005	155-167
			106.1		Jan 21/2005	275-276
			107		Jan 21/2005	277-299
AIRPLANE CONDITION MONITORING SYSTEM	31-35-01		101		Jan 21/2005	ALL
<b><u>DATA LINK SYSTEM</u></b>						
MULTI INPUT PRINTER	31-36-01		101		Jan 21/2005	050-099 151 275-278
			102A		Jan 21/2005	150 152-167
<b><u>CENTRAL COMPUTERS</u></b>						
ENGINE INDICATION & CREW ALERTING SYSTEM COMPUTER	31-40-01		101	1	Jan 21/2005	ALL
				2	Jan 21/2005	ALL
<b><u>ENGINE INDICATION AND CREW ALERTING SYSTEM</u></b>						
ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL	31-41-01		101	1	Jan 21/2005	050-099

**CHAPTER 31  
INDICATING / RECORDING SYSTEMS**

<b>Title</b>	<b>CH-SC-SU</b>	<b>Schem</b>	<b>Page</b>	<b>Sheet</b>	<b>Date</b>	<b>Effectivity</b>
ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL (cont.)	31-41-01			2	Jan 21/2005	050-099
			102.1	1	Jan 21/2005	150 152-167
				2	Jan 21/2005	150 152-167
			102.2	1	May 20/2005	165 167
				2	May 20/2005	165 167
			102.3	1	May 20/2005	166
				2	May 20/2005	166
			103A	1	Jan 21/2005	151
				2	Jan 21/2005	151
			104.1	1	Jan 21/2005	275-276
				2	Jan 21/2005	275-276
			105	1	Jan 21/2005	277-278
				2	Jan 21/2005	277-278
			106	1	Jan 21/2005	280-299
				2	Jan 21/2005	280-299
ENGINE INDICATION AND CREW ALERTING SYSTEM ANALOG INPUTS	31-41-02		101	1	Jan 21/2005	050-099 150-199
				2	Jan 21/2005	050-099 150-199
			102	1	Jan 21/2005	275-278
				2	Jan 21/2005	275-278
			103	1	Jan 21/2005	280-299
				2	Jan 21/2005	280-299



**CHAPTER 31  
INDICATING / RECORDING SYSTEMS**

<b>Title</b>	<b>CH-SC-SU</b>	<b>Schem</b>	<b>Page</b>	<b>Sheet</b>	<b>Date</b>	<b>Effectivity</b>
ENGINE INDICATION AND CREW ALERTING SYSTEM DIGITAL INPUTS	31-41-03		101	1	Jan 21/2005	ALL
				2	Jan 21/2005	ALL
EICAS WARNING CAUTION AND ADVISORY ANALOG DISC	31-41-04		101	1	Jan 21/2005	050-099 155-199 275-299
				2	Jan 21/2005	050-099 155-199 275-299
				3	Jan 21/2005	050-099 155-199 275-299
				4	Jan 21/2005	050-099 155-199 275-299
			101.1	1	Jan 21/2005	050-051 275-280
				2	Jan 21/2005	050-051 275-280
				3	Jan 21/2005	050-051 275-280
				4	Jan 21/2005	050-051 275-280
			101.2	1	Jan 21/2005	150 152-167
				2	Jan 21/2005	150 152-167
				3	Jan 21/2005	150 152-167
				4	Jan 21/2005	150 152-167
			102	1	Jan 21/2005	150-154
				2	Jan 21/2005	150-154
				3	Jan 21/2005	150-154
				4	Jan 21/2005	150-154
			102.1	1	Jan 21/2005	151
				2	Jan 21/2005	151
				3	Jan 21/2005	151

**CHAPTER 31  
INDICATING / RECORDING SYSTEMS**

<b>Title</b>	<b>CH-SC-SU</b>	<b>Schem</b>	<b>Page</b>	<b>Sheet</b>	<b>Date</b>	<b>Effectivity</b>
EICAS WARNING CAUTION AND ADVISORY ANALOG DISC (cont.)	31-41-04			4	Jan 21/2005	151
EICAS STATUS AND MAINTENANCE ANALOG DISCRETES	31-41-05		101	1	Jan 21/2005	050-099 155-199 275-299
				2	Jan 21/2005	050-099 155-199 275-299
				3	Jan 21/2005	050-099 155-199 275-299
			101.1	1	Jan 21/2005	050-051 275-280
				2	Jan 21/2005	050-051 275-280
				3	Jan 21/2005	050-051 275-280
			101.2	1	Jan 21/2005	155-167
				2	Jan 21/2005	155-167
				3	Jan 21/2005	155-167
			102	1	Jan 21/2005	150-154
				2	Jan 21/2005	150-154
				3	Jan 21/2005	150-154
			102.1	1	Jan 21/2005	150 152-154
				2	Jan 21/2005	150 152-154
				3	Jan 21/2005	150 152-154
			102.2	1	Jan 21/2005	151
				2	Jan 21/2005	151
				3	Jan 21/2005	151
ENGINE INDICATION & CREW ALERTING SYSTEM OUTPUTS	31-41-06		101	1	Jan 21/2005	ALL
				2	Jan 21/2005	ALL

**CHAPTER 31**  
**INDICATING / RECORDING SYSTEMS**

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
ENGINE INDICATION & CREW ALERTING SYSTEM DISPLAYS	31-41-07		101	1	Jan 21/2005	050-099 150-199 280-299
				2	Jan 21/2005	050-099 150-199 280-299
			101.1	1	Jan 21/2005	050-167 280
				2	Jan 21/2005	050-167 280
			102.1	1	Jan 21/2005	275-276
				2	Jan 21/2005	275-276
			102.2	1	Jan 21/2005	275-276
				2	Jan 21/2005	275-276
			103	1	Jan 21/2005	277-278
				2	Jan 21/2005	277-278
			103.1	1	Jan 21/2005	277-278
				2	Jan 21/2005	277-278
			ENGINE INDICATION & CREW ALERTING SYSTEM SIGNAL CONSOLIDATION	31-41-08		101
	Jan 21/2005	275-276				
	Jan 21/2005	277-278				
	Jan 21/2005	280-299				
<b><u>WARNING SYSTEM</u></b>						
WARNING-SIMPLIFIED	31-51-00		101		Jan 21/2005	ALL
WARNING ELECTRONICS POWER	31-51-01		101	1	Jan 21/2005	ALL
				2	Jan 21/2005	ALL
MASTER WARNING	31-51-02		101		Jan 21/2005	ALL

**CHAPTER 31  
INDICATING / RECORDING SYSTEMS**

<b>Title</b>	<b>CH-SC-SU</b>	<b>Schem</b>	<b>Page</b>	<b>Sheet</b>	<b>Date</b>	<b>Effectivity</b>
TAKEOFF CONFIGURATION WARNING	31-51-03		101		Jan 21/2005	050-099
			102		Jan 21/2005	150-154 275-276
			103		Jan 21/2005	155-199 277-299
LANDING CONFIGURATION WARNING	31-51-04		101		Mar 14/2007	050-099 151
			101.1		Mar 14/2007	150-167
			102		Mar 14/2007	275-299
SIREN/OWL AURAL WARNING- LEFT	31-51-05		101A		Jan 21/2005	050-152 155-276
			102		Jan 21/2005	153-154
			102.1		Jan 21/2005	153-154
			103.1A		Jan 21/2005	277-280
SIREN/OWL AURAL WARNING- RIGHT	31-51-06		101A		Jan 21/2005	050-152 155-280
			102		Jan 21/2005	153-154
BELL/CHIME AURAL WARNING	31-51-07		101		Jan 21/2005	ALL

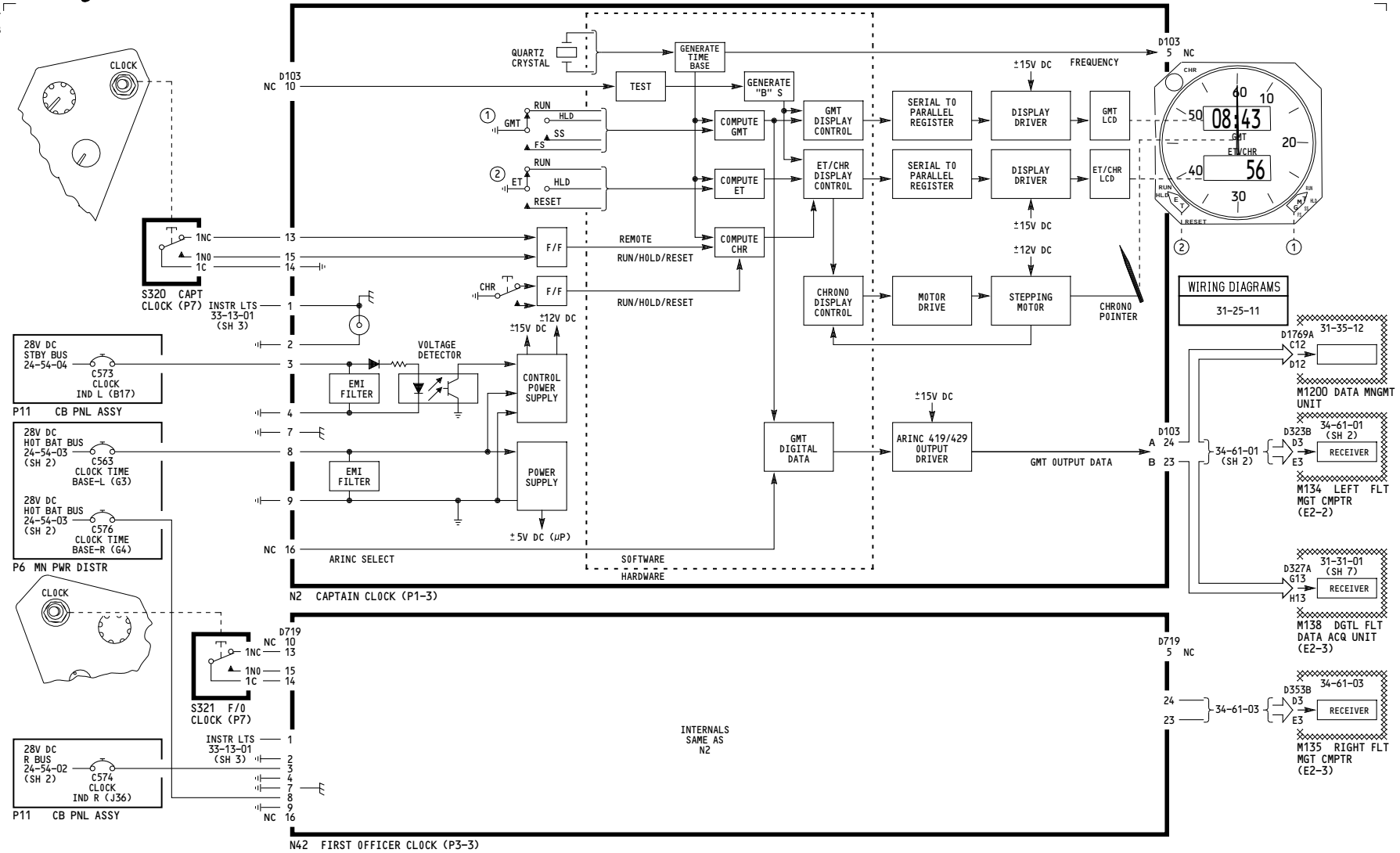
**CHAPTER 31**  
**INDICATING / RECORDING SYSTEMS**

CH-SC-SU	Title
31-35-00	AIRCRAFT INTEGRATED DATA SYSTEM SIMPLIFIED
31-35-01	AIRPLANE CONDITION MONITORING SYSTEM
31-51-07	BELL/CHIME AURAL WARNING
31-25-01	CLOCKS
31-31-01	DIGITAL FLIGHT RECORDER
31-41-05	EICAS STATUS AND MAINTENANCE ANALOG DISCRETES
31-41-04	EICAS WARNING CAUTION AND ADVISORY ANALOG DISC
31-40-01	ENGINE INDICATION & CREW ALERTING SYSTEM COMPUTER
31-41-07	ENGINE INDICATION & CREW ALERTING SYSTEM DISPLAYS
31-41-06	ENGINE INDICATION & CREW ALERTING SYSTEM OUTPUTS
31-41-01	ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL
31-41-08	ENGINE INDICATION & CREW ALERTING SYSTEM SIGNAL CONSOLIDATION
31-41-02	ENGINE INDICATION AND CREW ALERTING SYSTEM ANALOG INPUTS
31-41-03	ENGINE INDICATION AND CREW ALERTING SYSTEM DIGITAL INPUTS

CH-SC-SU	Title
31-51-04	LANDING CONFIGURATION WARNING
31-51-02	MASTER WARNING
31-36-01	MULTI INPUT PRINTER
31-51-05	SIREN/OWL AURAL WARNING- LEFT
31-51-06	SIREN/OWL AURAL WARNING- RIGHT
31-51-03	TAKEOFF CONFIGURATION WARNING
31-51-01	WARNING ELECTRONICS POWER
31-51-00	WARNING-SIMPLIFIED

**31-ALPHABETICAL INDEX**

-A  
613



050-099, 150-199, 275-278

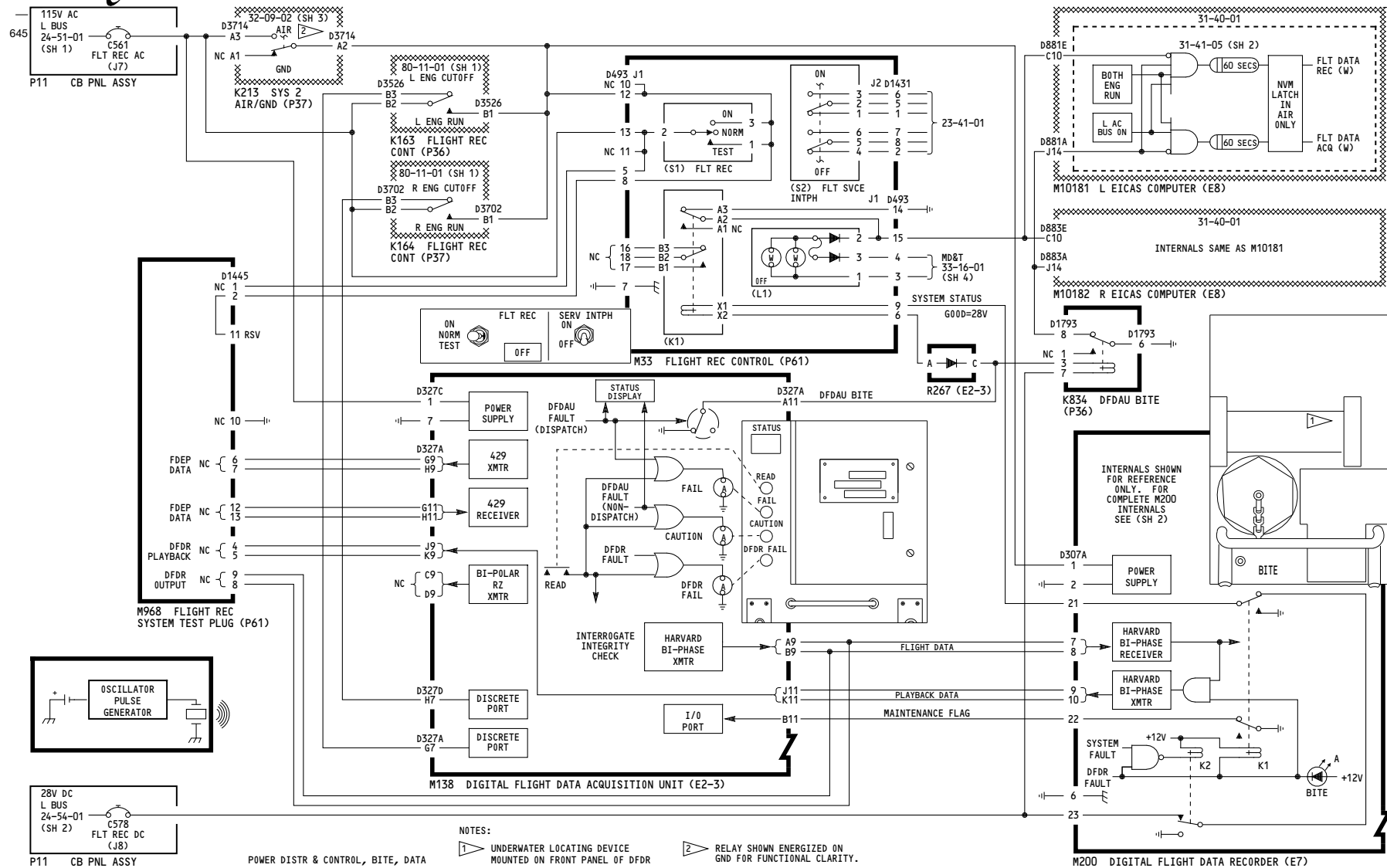
**CLOCKS**

D280T232

**31-25-01**

Page 101

Jan 21/2005



050-099, 150-199

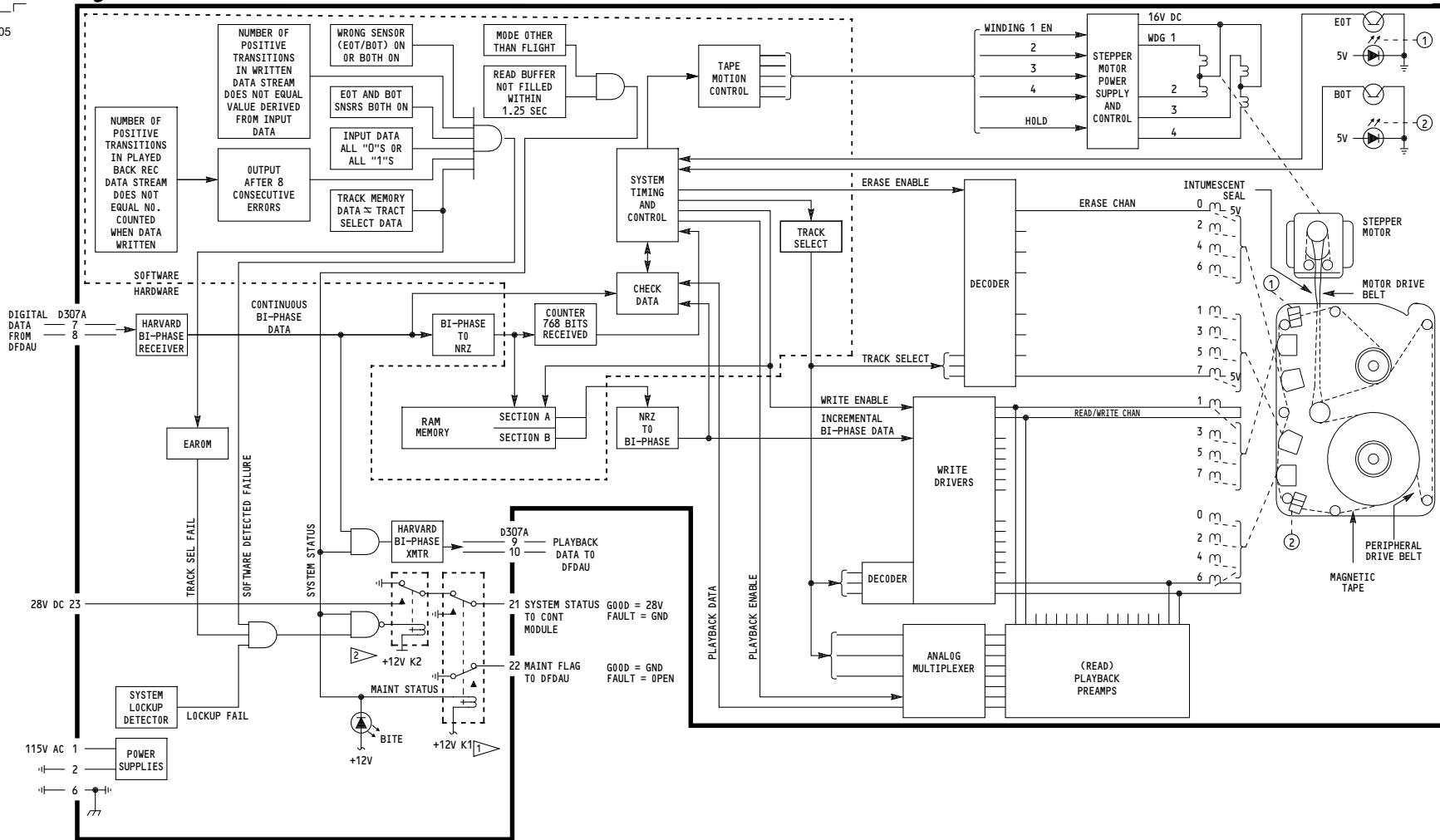
**DIGITAL FLIGHT RECORDER**

D280T232

**31-31-01**

Page 101  
Sheet 1  
Jan 21/2005

605



**NOTES:**

- 1 K1 DFDR MAINT RELAY, NORMALLY NOT ACTIVATED
- 2 K2 DFDR SYSTEM STATUS RELAY, NORMALLY ACTIVATED

050-099, 150-199

**DIGITAL FLIGHT RECORDER**

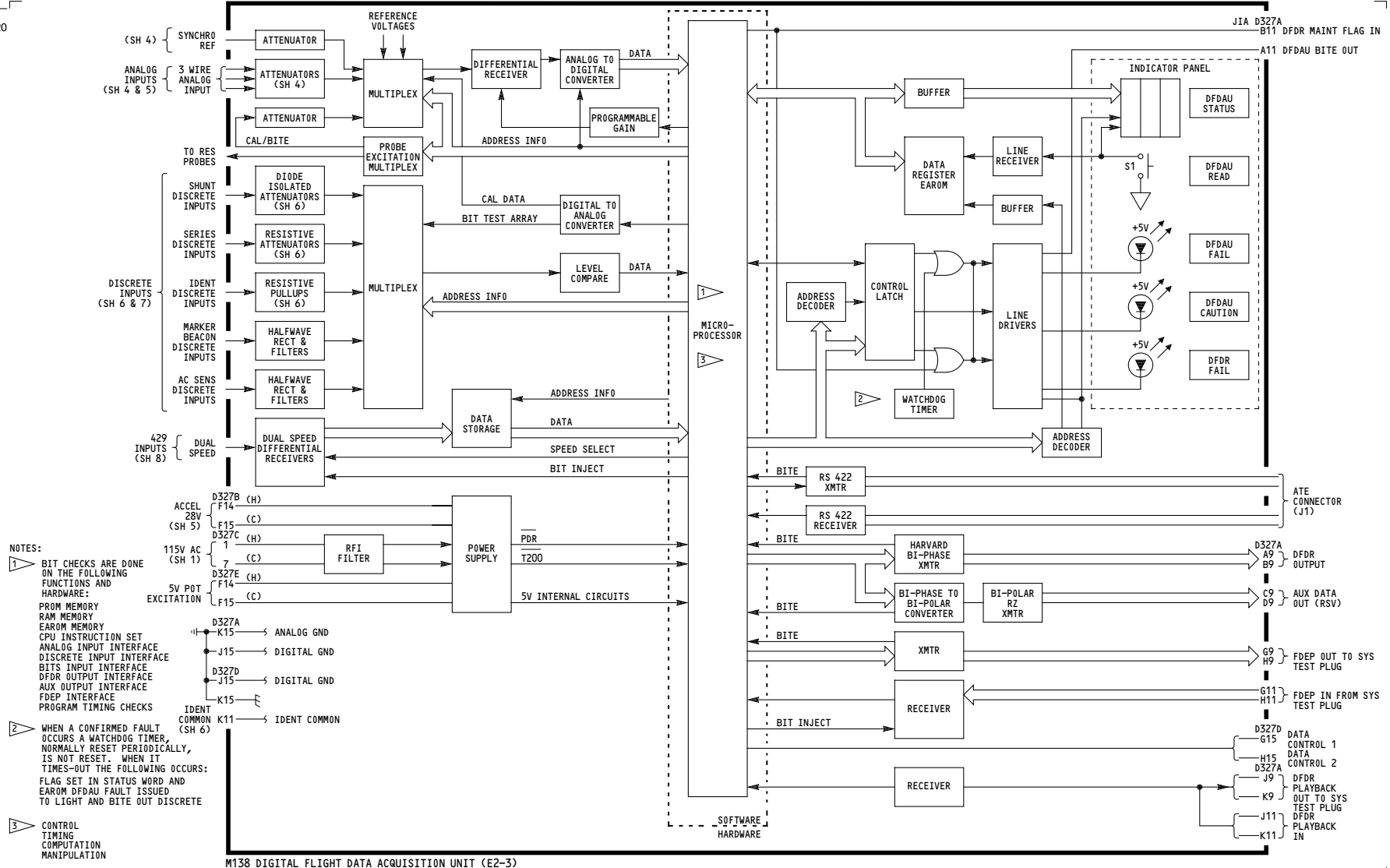
D280T232

**31-31-01**

Page 101  
Sheet 2  
Jan 21/2005



620



050-099, 150-199

DIGITAL FLIGHT RECORDER

D280T232

31-31-01

Page 101  
 Sheet 3  
 Jan 21/2005

ANALOG INPUTS										
DATA	INPUT SOURCE				DFDAU DESTINATION				REFERENCE WIRE DIAGRAM	TYPE
	CONNECTOR/ EQUIPMENT NUMBER	PIN			CONNECTOR	PIN				
		H X	L Y	R Z		H X	L Y	R Z		
ACCELERATION-LATERAL	D321	E	F		D327B	A4	A5		31-31-13	LLDC
ACCELERATION-LONGITUDINAL	D321	G	H		D327B	B4	B5		31-31-13	LLDC
ACCELERATION-VERTICAL	D321	C	D		D327B	A1	A2		31-31-13	LLDC
TE FLAP POSITION-R0	D1632	1	2	3	D327E	B7	B9	B8	31-31-13	SYNCHRO
TE FLAP POSITION-L0	D1630	1	2	3	D327B	B10	B12	B11	31-31-13	SYNCHRO
TE FLAP POSITION-RI	D2676	14	16		D327B	C10	C11		31-31-21	LLDC
TE FLAP POSITION-LI	D2672	14	16		D327E	C7	C8		31-31-21	LLDC
HORIZONTAL STABILIZER POSITION	D225	8	9	10	D327B	C1	C3	C2	31-31-13	SYNCHRO
RUDDER PEDAL POSITION	TS355	-	-	-	D327E	A7	A9	A8	31-31-15	SYNCHRO
CONTROL WHEEL POSITION	TS354	-	-	-	D327B	A7	A9	A8	31-31-15	SYNCHRO
CONTROL COLUMN POSITION	TS353	-	-	-	B327B	F5	F7	F6	31-31-15	SYNCHRO
CABIN PRESSURE	D1635	C	D		D327B	D1	D2		31-31-15	LLDC
FLAP HANDLE POSN	D1836A	J2	K2		D327E	B4	B5		31-31-19	LLDC
CABIN PRESS. O/F VALVE POSITION	D704	1	2	3	D327B	C4	C5	C6	31-31-19	DCVR
APPLIED BRAKE PRESS.-R MAIN	D1921	2	3	1	D327E	A13	A14	A15	31-31-22	ACVR 2
APPLIED BRAKE PRESS.-R ALT.	D2291	2	3	1	D327E	A10	A11	A12	31-31-22	ACVR 2
APPLIED BRAKE PRESS.-L MAIN	D1923	2	3	1	D327B	A13	A14	A15	31-31-22	ACVR 2
APPLIED BRAKE PRESS.-L ALT.	D2293	2	3	1	D327B	A10	A11	A12	31-31-22	ACVR 2
FUEL TEMP	TS168	-	-	-	D327B	E7	E8	E10	31-31-25	VARIABLE RESISTANCE
CONTROL COLUMN FORCE-L	TS15	-	-	-	D327E	C10	C11	C12	31-31-25	ACVR 1
CONTROL COLUMN FORCE-R	TS14	-	-	-	D327E	C13	C14	C15	31-31-25	ACVR 1
CONTROL WHEEL FORCE-L	TS16	-	-	-	D327B	C13	C14	C15	31-31-25	ACVR 1
SYNCHRO REF B	C1522	-	-	-	D327B	H4			31-31-13	REFERENCE

## ANALOG INPUTS

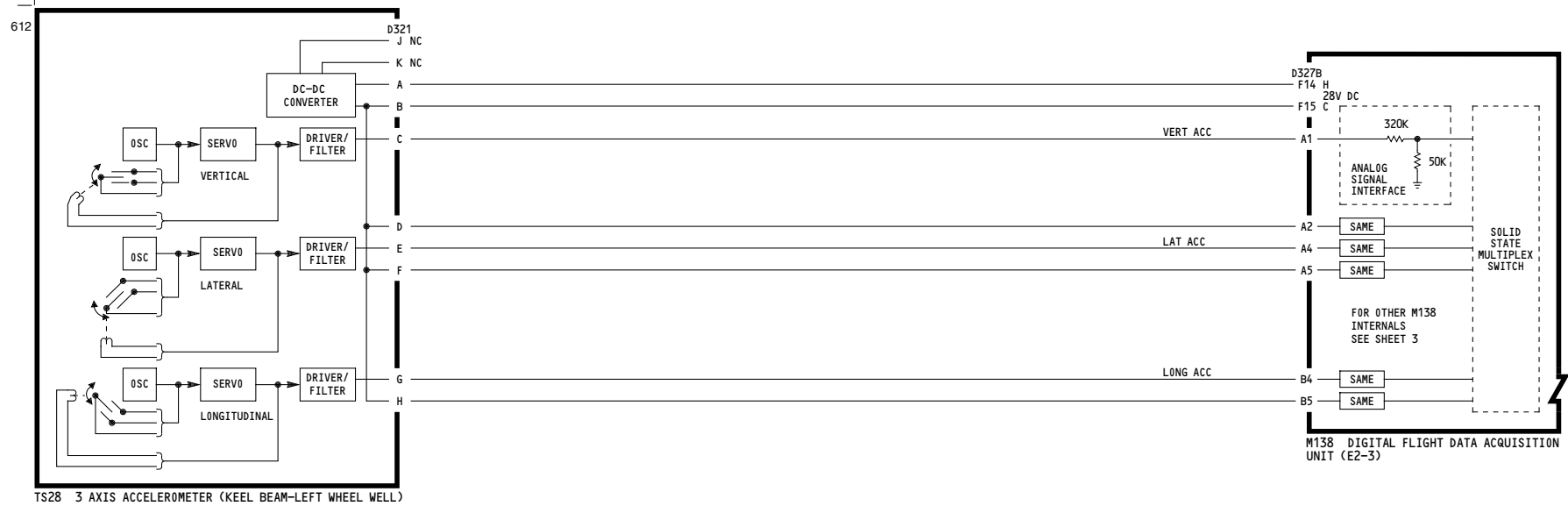
050-099, 150-199

## DIGITAL FLIGHT RECORDER

D280T232

# 31-31-01

Page 101  
Sheet 4  
Jan 21/2005



ANALOG INPUTS

050-099, 150-199

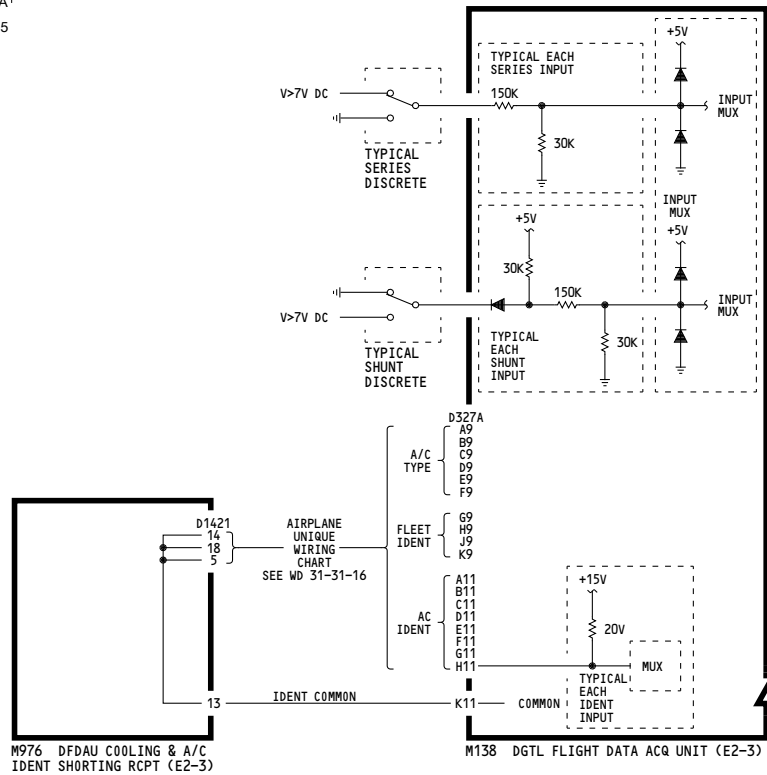
DIGITAL FLIGHT RECORDER

D280T232

31-31-01

Page 101  
Sheet 5  
Jan 21/2005

-A  
635



DISCRETE INPUTS									
INPUT SOURCE		DFDAU DESTN		REF W/D	DISCRETE TYPE	LOGIC			
DATA	CONN	PIN	CONN	PIN		ONE STATE		ZERO STATE	
ENG START-L	D3526	B3	D327A	G7	31-31-11	AC	CUT OFF	115V AC	RUN OPEN CKT
ENG START-R	D3702	B3	D327D	H7	31-31-11	AC	CUT OFF	115V AC	RUN OPEN CKT
DFDR BITE	D307A	22	D327A	B11	31-31-11	-	FAULT	OPEN CKT	NO FAULT GND
ALT ADC	S482	-	D327A	G1	31-31-12	SHUNT	NORMAL	28V DC	ALT GND
ALT SYM GEN	S3	-	D327A	F3	31-31-12	SERIES	NORMAL	28V DC	ALT GND
IRS SW POS-CAPT	S4	-	D327A	E1	31-31-13	SHUNT	NORMAL	OPEN CKT	ALT GND
FMS SW POS-CAPT	S2	AF	D327A	F1	31-31-13	SHUNT	SEE DFDRS ICD D283T064		
FMS SW POS-CAPT	S2	AA	D327D	H15	31-31-13	SHUNT			
EICAS COMPTR SEL	D209	9	D327A	J3	31-31-13	SERIES	LEFT	28V DC	RIGHT GND
YAW DAMPER ENG-L	D1259B	H10	D327D	K3	31-31-14	SERIES	ENGAGED	>11V DC	NOT ENGAGED OPEN CKT
YAW DAMPER ENG-R	D1261B	H10	D327A	K3	31-31-14	SERIES	ENGAGED	>11V DC	NOT ENGAGED OPEN CKT
EEC-L CH SEL	D11786B	D12	D327A	K1	31-31-14	SERIES	B	28V DC	A GND
EEC-R CH SEL	D11788B	D12	D327D	A3	31-31-14	SERIES	B	28V DC	A GND
HF XCVR KEYING-L	D641B	E2	D327A	C1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
HF XCVR KEYING-R	D643B	E2	D327D	D1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
VHF XCVR KEYING-L	D439B	D1	D327A	A1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
VHF XCVR KEYING-R	D443B	D1	D327D	B1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
VHF XCVR KEYING-C	D445B	D1	D327A	B1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
SPOILER CONTROL MODULE FAULT	1L	D825A	H13	D327D	H5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	2L	D827A	H13	D327D	J5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	3L	D829A	H13	D327D	K5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	1R	D831A	H13	D327A	H5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	2R	D833A	H13	D327A	J5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
MARKER BEACON-INNER		D835A	H13	D327A	K5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
		D329B	C2	D327A	C3	31-31-18	SERIES	NO MARKER	>12V DC MARKER GND
		D329B	B2	D327D	D3	31-31-18	SERIES	NO MARKER	>12V DC MARKER GND
MARKER BEACON-MIDDLE		D329B	B2	D327D	D3	31-31-18	SERIES	NO MARKER	>12V DC MARKER GND
MARKER BEACON-OUTER		D329B	A2	D327D	B5	31-31-18	SERIES	NO MARKER	>12V DC MARKER GND
AUTO BRAKE SELECTOR SWITCH POSITION	DISARM	D224	3	D327A	D5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	2	D224	5	D327A	E5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	4	D224	7	D327A	F5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	RT0	D224	20	D327A	C5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	OFF	D224	2	D327D	D5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	1	D224	4	D327D	E5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	3	D224	6	D327D	F5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	MAX AUTO	D224	8	D327D	G5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
TRIM-UP LEFT		D667A	B13	D327A	K7	31-31-18	SHUNT	NO TRIM	OPEN CKT TRIM GND
TRIM-DOWN LEFT		D667A	B14	D327D	F7	31-31-18	SHUNT	NO TRIM	OPEN CKT TRIM GND
TRIM-UP RIGHT		D665A	B13	D327D	K7	31-31-18	SHUNT	NO TRIM	OPEN CKT TRIM GND
TRIM-DOWN RIGHT		D665A	B14	D327A	E7	31-31-18	SHUNT	NO TRIM	OPEN CKT TRIM GND
ALTITUDE ADVISORY		D821	34	D327D	J3	31-31-19	SERIES	NO ADV	>12V DC ADVISORY GND
LANDING GEAR LEVER UP		D232	13	D327A	A7	31-31-19	SERIES	UP	28V DC NOT UP OPEN CKT

050-099, 150-199

**DIGITAL FLIGHT RECORDER**

D280T232

**31-31-01**

Page 101  
Sheet 6  
Jan 21/2005



## 767-200/300 SYSTEM SCHEMATIC MANUAL

-A  
646

DISCRETE INPUTS												
INPUT SOURCE				DFDAU DESTN		REF W/D	DISCRETE TYPE	LOGIC				
DATA	EQUIP #	CONN	PIN	CONN	PIN			ONE STATE		ZERO STATE		
FMC-L F/O SW POS	S10	S10	AA	D327D	G1	31-31-19	SHUNT	SEE DFDRS ICD D283T064				
FMC-R F/O SW POS	S10	S10	AF	D327A	H12	31-31-19	SHUNT	SEE DFDRS ICD D283T064				
ADC F/O SW POS	S483	S483	-	D327D	H1	31-31-19	SHUNT	NORMAL	OPEN CKT	ALT	GND	
EFIS F/O SW POS	S11	S11	-	D327D	E1	31-31-19	SHUNT	NORMAL	OPEN CKT	ALT	GND	
IRS F/O SW POS	S12	S12	-	D327D	F1	31-31-19	SHUNT	NORMAL	OPEN CKT	ALT	GND	
LANDING GEAR LEVER DOWN	M937	D232	9	D327D	A1	31-31-19	SHUNT	NOT DOWN	OPEN CKT	DOWN	GND	
NOSE GEAR SQUAT SW	K170	D2914	3	D327A	C7	31-31-21	SERIES	AIR	28V DC	GND	OPEN CKT	
MAIN GEAR TILT-L	M162	D2166A	B14	D327D	C7	31-31-21	SERIES	TILT (AIR)	28V DC	NOT TILT	GND	
MAIN GEAR TILT-R	M162	D2166A	C11	D327D	D7	31-31-21	SERIES	TILT (AIR)	28V DC	NOT TILT	GND	
ENG STAR VALVE-L	K163	TB106	YA29	D327D	A5	31-31-22	SERIES	NOT CLOSED	28V DC	CLOSED	GND	
ENG START VALVE-R	K164	TB106	YC29	D327A	B5	31-31-22	SERIES	NOT CLOSED	28V DC	CLOSED	GND	
APU START	M1	D1394	15	D327A	J7	31-31-22	SHUNT	NOT START	OPEN/28V DC	START	GND	
STICK SHAKER-L	M615	D823	34	D327D	E3	31-31-22	SERIES	NOT ON	28V DC	ON	GND	
STICK SHAKER-R	M938	D1831	34	D327A	A5	31-31-22	SERIES	NOT ON	28V DC	ON	GND	
MASTER WARNING-F/O	M618	D815	34	D327D	C5	31-31-22	SERIES	NO WNG	>12V DC	WARNING	GND	
MASTER WARNING-CAPT	M618	D815	66	D327A	A3	31-31-22	SERIES	NO WNG	>12V DC	WARNING	GND	
APU ON (INLET DOOR)	K176	D326	B1	D327D	B7	31-31-22	SERIES	OPEN	28V DC	NOT OPEN	OPEN CKT	
APU AIR SUPPLY VALVE	K25	D3652	9	D327D	F3	31-31-22	SERIES	NOT OPEN	28V DC	OPEN	OPEN CKT	
APU AIR SUPPLY VALVE	K24	D3650	A3	D327A	D3	31-31-22	SERIES	NOT CLOSED	28V DC	CLOSED	OPEN CKT	
WHEEL BRAKE APPLICATION-L	S668	S668	-	D327A	G3	31-31-22	SERIES	APPLIED	28V DC	NOT APPLIED	GND	
WHEEL BRAKE APPLICATION-R	S669	S669	-	D327D	H3	31-31-22	SERIES	APPLIED	28V DC	NOT APPLIED	GND	
ALT FLAPS ARMED/NOT ARMED	S601	S601	10	D327A	G5	31-31-26	SHUNT	ARMED	OPEN CKT	NOT ARMED	GND	
FLAP OVERRIDE SW POS	S603	S603	7	D327D	G3	31-31-26	SHUNT	OVRD	OPEN CKT	NORMAL	GND	
GPWS TEST SW POS	M147	D435B	A9	D327A	D1	31-31-26	SHUNT	NORMAL	OPEN CKT	TEST	GND	
ENG DRIVEN HYD PUMP-L	M10	D3904	10	D327D	G15	31-31-26	SHUNT	ON	28V DC	DEPRESS	OPEN CKT	
ENG DRIVEN HYD PUMP-R	M10	D3902	10	D327A	J12	31-31-26	SHUNT	ON	28V DC	DEPRESS	OPEN CKT	
SEAT BELT SIGN	K383	D3560	D1	D327D	G7	31-31-26	AC	ON	28V AC	NOT ON	GND	
ENG FUEL VALVE POS-L	K1251	D3530	A1	D327A	H7	31-31-26	SHUNT	NOT OPEN	12V DC/OPEN	OPEN	GND	
ENG FUEL VALVE POS-R	K1252	D2414	A1	D327D	J7	31-31-26	SHUNT	NOT OPEN	12V DC/OPEN	OPEN	GND	
ELECT HYD PUMP-L	M895	D3452	8	D327A	B7	31-31-26	SERIES	ON	28V DC	NOT ON	GND/OPEN	
ELECT HYD PUMP-R	M896	D3448	8	D327D	J11	31-31-26	SERIES	ON	28V DC	NOT ON	GND/OPEN	
ELECT HYD PUMP-C1	M897	D3450	8	D327A	D7	31-31-26	SERIES	ON	28V DC	NOT ON	GND/OPEN	
ELECT HYD PUMP-C2	M898	D3454	8	D327D	E7	31-31-26	SERIES	ON	28V DC	NOT ON	GND/OPEN	
MANUAL STAB TRIM	S790	S790	-	D327A	F7	31-31-15	SHUNT	NO TRIM	OPEN CKT	TRIM	GND	
LE SLAT POS-L0 EXT	M162	D2166B	E10	D327A	H1	31-31-13	SHUNT	NOT EXT	OPEN CKT	EXT	GND	
LE SLAT POS-L1 EXT	M162	D2166B	G10	D327A	J1	31-31-13	SHUNT	NOT EXT	OPEN CKT	EXT	GND	
LE SLAT POS-ALL FULL	M162	D2166B	G15	D327A	B3	31-31-13	SERIES	NOT ALL FULL	>12V DC	ALL FULL	GND	
LE SLAT POS-IN DISAGR	M162	D2166B	E15	D327D	C1	31-31-13	SHUNT	AGREE	OPEN	DISAGREE	GND	
LE SLAT POS-R0 EXT	M162	D2166B	E13	D327D	J1	31-31-13	SHUNT	NOT EXT	OPEN CKT	EXT	GND	
LE SLAT POS-RI EXT	M162	D2166B	H10	D327D	K1	31-31-13	SHUNT	NOT EXT	OPEN CKT	EXT	GND	
LE SLAT POS-ALL PART	M162	D2166B	J13	D327D	C3	31-31-13	SERIES	NOT ALL PART	>12V DC	ALL PART	GND	
AIR/GND	K213	D3714	D2	D327A	H3	31-31-11	SERIES	AIR	28V DC	ON GND	OPEN CKT	

DISCRETE INPUTS

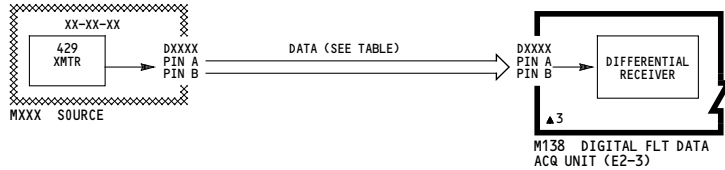
050-099, 150-199

DIGITAL FLIGHT RECORDER

D280T232

31-31-01

Page 101  
Sheet 7  
Jan 21/2005



## 767-200/300 SYSTEM SCHEMATIC MANUAL

DIGITAL BUSES									
INPUT SOURCE				DFDAU DESTINATION					
DATA	CONNECTOR	PIN		CONNECTOR	PIN		REFERENCE WIRE DIA		PORT
		A	B		A	B			
ADC L OR R	D1354	2	6	D327A	E13	F13	31-31-12		5
EFIS L OR C	D1644	2	6	D327A	A14	B14	31-31-12		11
GMT (CAPT CLOCK)	D103	5	6	D327A	G13	H13	31-31-12		7
EICAS L OR R	D877	54	55	D327D	C14	D14	31-31-13		14
EEC-L CH A OR CH B	D11786B	A14	A15	D327A	A13	B13	31-31-14		1
EEC-R CH A OR CH B	D11788B	A14	A15	D327D	A13	B13	31-31-14		2
FCC-L	D433B	D1	D2	D327D	A14	B14	31-31-14		12
FMC-L BUS D	D323A	A11	B11	D327A	J13	K13	31-31-14		9
GPWC	D435B	C1	D1	D327D	J13	K13	31-31-14		10
IRU-L	D323A	A3	B3	D327A	E14	F14	31-31-14		15
TMC-BUS D	D427B	H6	G6	D327D	C13	D13	31-31-14		4
DME-L	D333B	G3	H3	D327A	C13	D13	31-31-20		3
DME-R	D361B	G3	H3	D327D	E13	F13	31-31-20		6
FCC-MCP	D475	26	27	D327D	J14	K14	31-31-20		20
ILS-L	D429B	B11	C11	D327A	C14	D14	31-31-20		13
ILS-R	D377B	B11	C11	D327A	G14	H14	31-31-20		17
ILS-C	D417B	B11	C11	D327D	G14	H14	31-31-20		18
RA-L	D401B	G2	G3	D327A	J14	K14	31-31-20		19
RA-R	D403B	G2	G3	D327A	A15	B15	31-31-20		21
RA-C	D405B	G2	G3	D327D	A15	B15	31-31-20		22

DIGITAL INPUTS

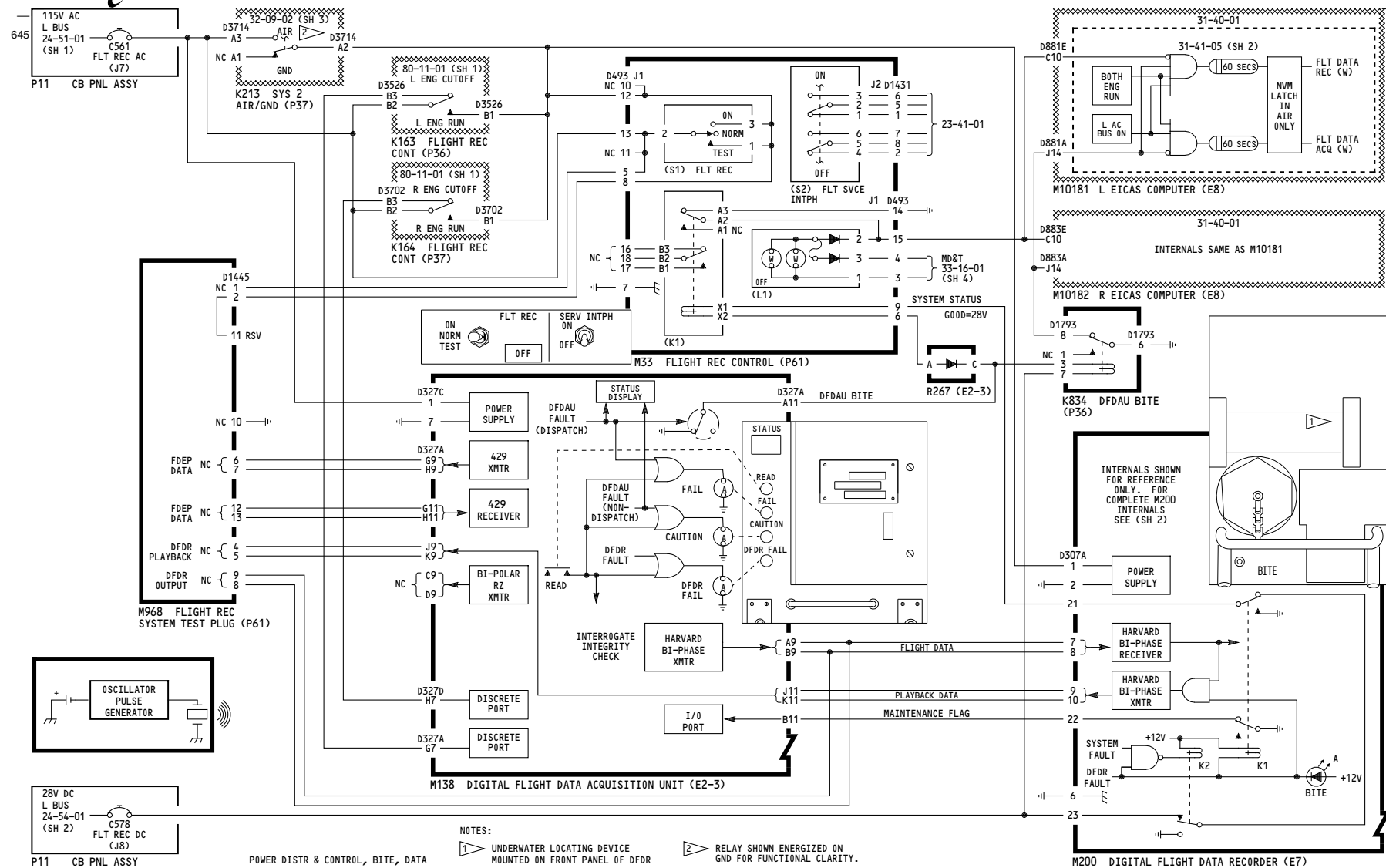
050-099, 150-199

**DIGITAL FLIGHT RECORDER**

D280T232

**31-31-01**

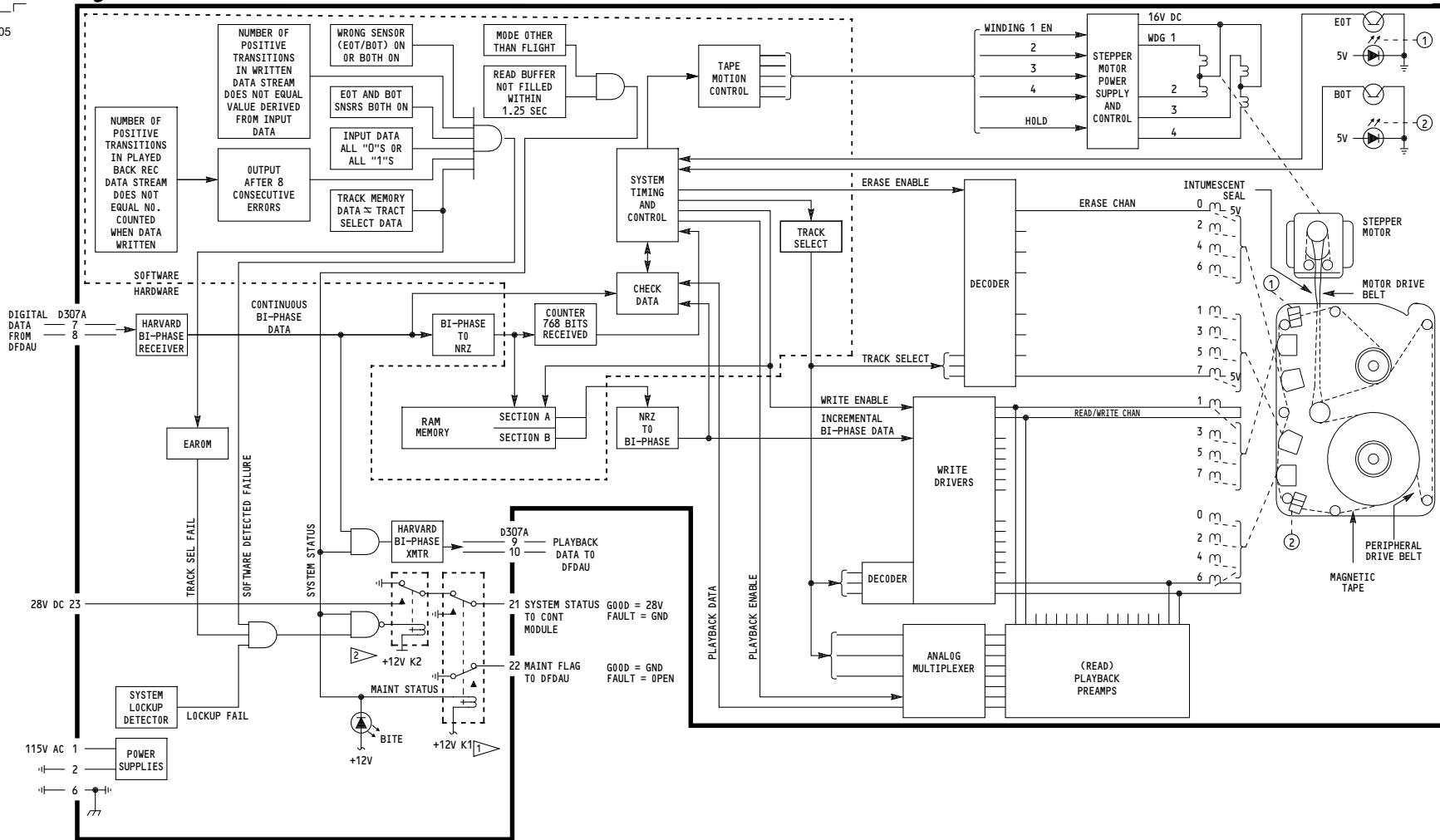
Page 101  
Sheet 8  
Jan 21/2005



**31-31-01**

Page 102.1  
Sheet 1  
Jan 21/2005

605



**NOTES:**

- 1 K1 DFDR MAINT RELAY, NORMALLY NOT ACTIVATED
- 2 K2 DFDR SYSTEM STATUS RELAY, NORMALLY ACTIVATED

275-276

**DIGITAL FLIGHT RECORDER**

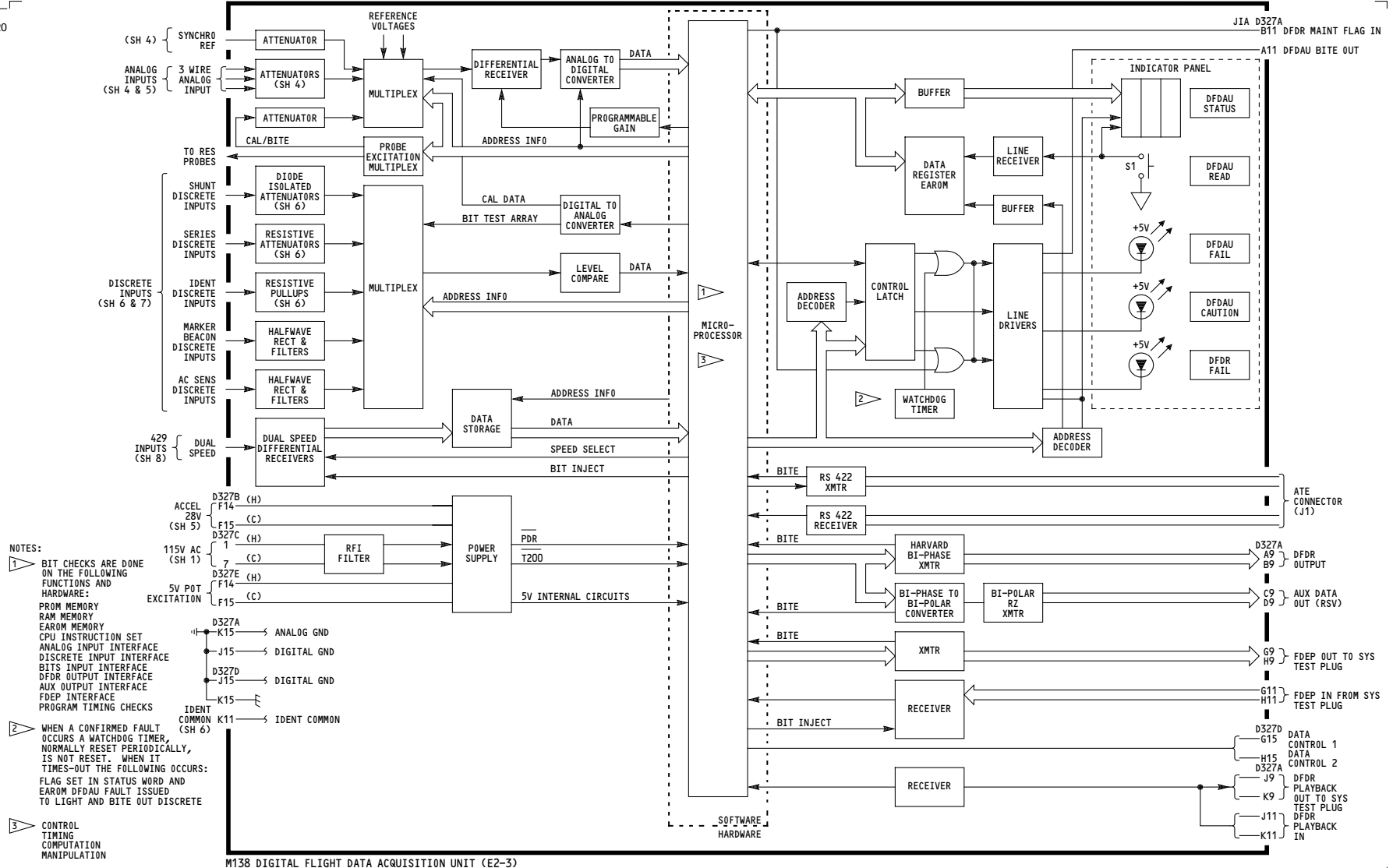
D280T232

**31-31-01**

Page 102.1  
Sheet 2  
Jan 21/2005



620



275-276

DIGITAL FLIGHT RECORDER

D280T232

31-31-01

Page 102.1  
Sheet 3  
Jan 21/2005

ANALOG INPUTS										
DATA	INPUT SOURCE				DFDAU DESTINATION				REFERENCE WIRE DIAGRAM	TYPE
	CONNECTOR/ EQUIPMENT NUMBER	PIN			CONNECTOR	PIN				
		H X	L Y	R Z		H X	L Y	R Z		
ACCELERATION-LATERAL	D321	E	F		D327B	A4	A5		31-31-13	LLDC
ACCELERATION-LONGITUDINAL	D321	G	H		D327B	B4	B5		31-31-13	LLDC
ACCELERATION-VERTICAL	D321	C	D		D327B	A1	A2		31-31-13	LLDC
TE FLAP POSITION-R0	D1632	1	2	3	D327E	B7	B9	B8	31-31-13	SYNCHRO
TE FLAP POSITION-L0	D1630	1	2	3	D327B	B10	B12	B11	31-31-13	SYNCHRO
TE FLAP POSITION-RI	D2676	14	16		D327B	C10	C11		31-31-21	LLDC
TE FLAP POSITION-LI	D2672	14	16		D327E	C7	C8		31-31-21	LLDC
HORIZONTAL STABILIZER POSITION	D225	8	9	10	D327B	C1	C3	C2	31-31-13	SYNCHRO
RUDDER PEDAL POSITION	TS355	-	-	-	D327E	A7	A9	A8	31-31-15	SYNCHRO
CONTROL WHEEL POSITION	TS354	-	-	-	D327B	A7	A9	A8	31-31-15	SYNCHRO
CONTROL COLUMN POSITION	TS353	-	-	-	B327B	F5	F7	F6	31-31-15	SYNCHRO
CABIN PRESSURE	D1635	C	D		D327B	D1	D2		31-31-15	LLDC
FLAP HANDLE POSN	D1836A	J2	K2		D327E	B4	B5		31-31-19	LLDC
CABIN PRESSURE O/F VALVE POSITION	D704	1	2	3	D327B	C4	C5	C6	31-31-19	DCVR
APPLIED BRAKE PRESSURE-R MAIN	D1921	2	3	1	D327E	A13	A14	A15	31-31-22	ACVR 2
APPLIED BRAKE PRESSURE-R ALT	D2291	2	3	1	D327E	A10	A11	A12	31-31-22	ACVR 2
APPLIED BRAKE PRESSURE-L MAIN	D1923	2	3	1	D327B	A13	A14	A15	31-31-22	ACVR 2
APPLIED BRAKE PRESSURE-L ALT	D2293	2	3	1	D327B	A10	A11	A12	31-31-22	ACVR 2
FUEL TEMP	TS168	-	-	-	D327B	E7	E8	E10	31-31-25	VARIABLE RESISTANCE
SYNCHRO REF B	C1522	-	-	-	D327B	H4			31-31-13	REFERENCE

ANALOG INPUTS

275-276

DIGITAL FLIGHT RECORDER

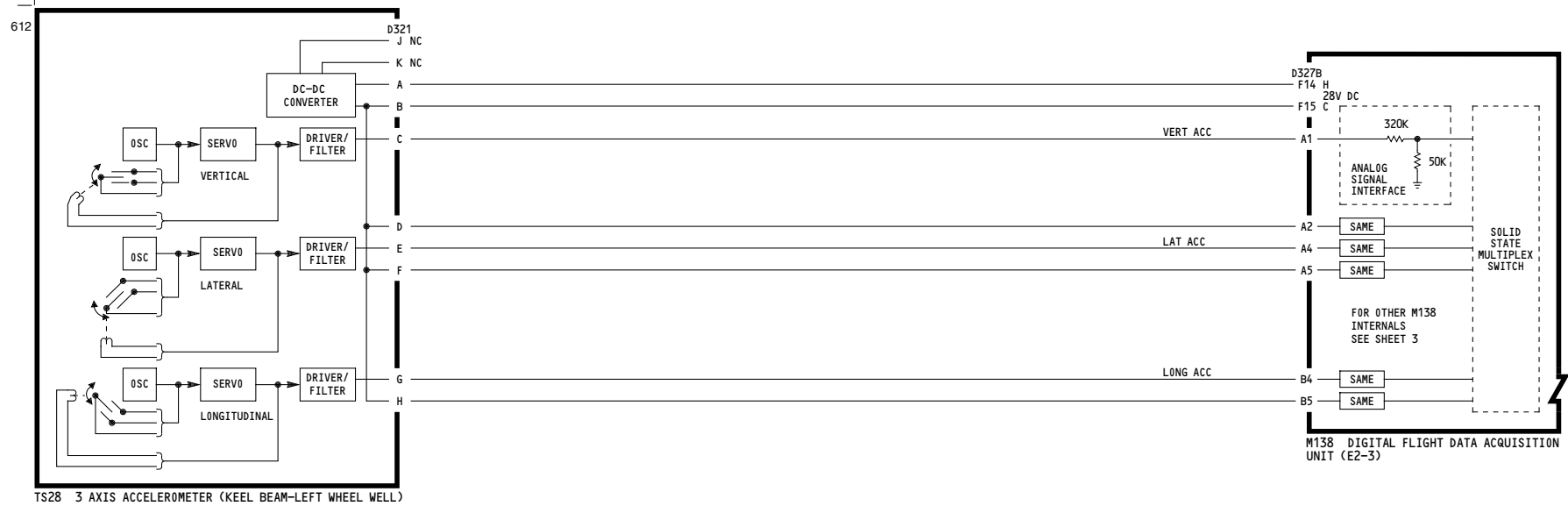
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31-0040 R01

D280T232

## 31-31-01

Page 102.1  
Sheet 4  
Jan 21/2005



ANALOG INPUTS

275-276

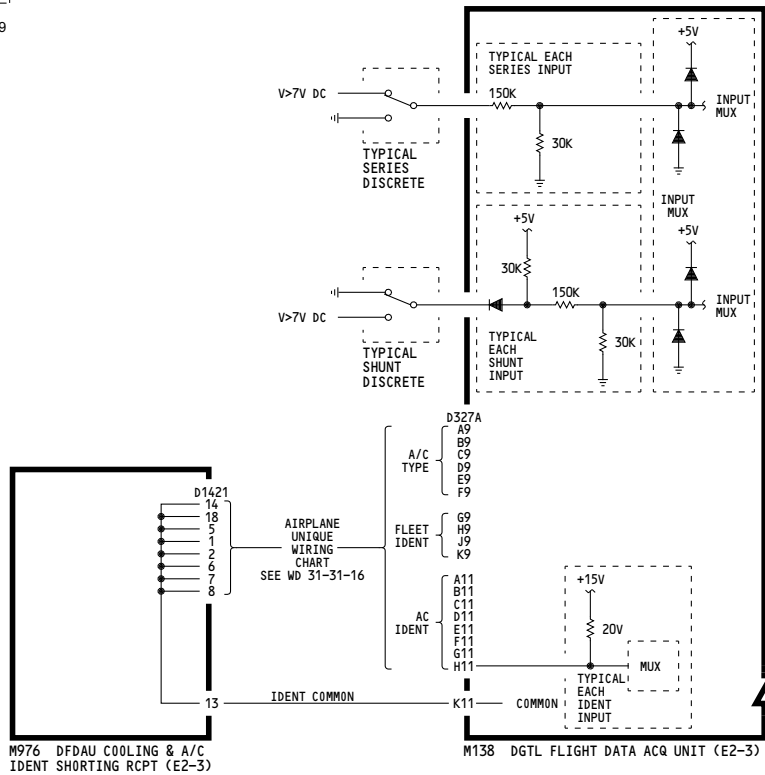
DIGITAL FLIGHT RECORDER

D280T232

**31-31-01**

Page 102.1  
Sheet 5  
Jan 21/2005

639



**SERIES (SE) DISCRETE BINARY LOGIC**  
 ONE STATE = V > 7V DC  
 ZERO STATE = OPEN CIRCUIT OR GROUND

**SHUNT (SH) DISCRETE BINARY LOGIC**  
 ONE STATE = V > 7V OR OPEN CIRCUIT  
 ZERO STATE = GROUND

**IDENT DISCRETE LOGIC**  
 ONE STATE = CONNECTION TO K11  
 ZERO STATE = NO CONNECTION TO PIN K11

DISCRETE INPUTS

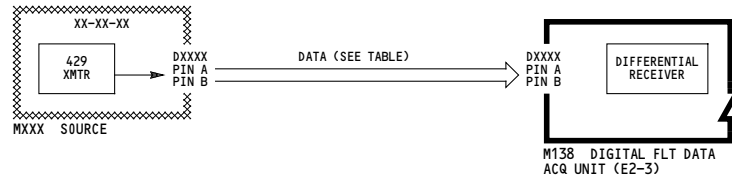
**DIGITAL FLIGHT RECORDER**

D280T232

DISCRETE INPUTS									
INPUT SOURCE			DFDAV DESTN		REF W/D	DISCRETE TYPE	LOGIC		
DATA	CONN	PIN	CONN	PIN			ONE STATE		ZERO STATE
ENG START-L	D3526	B3	D327A	G7	31-31-11	AC	CUT OFF	115V AC	RUN OPEN CKT
ENG START-R	D3702	B3	D327D	H7	31-31-11	AC	CUT OFF	115V AC	RUN OPEN CKT
DFDR BITE	D307A	22	D327A	B11	31-31-11	-	FAULT	OPEN CKT	NO FAULT GND
ALT ADC	S482	-	D327A	G1	31-31-12	SHUNT	NORMAL	28V DC	ALT GND
ALT SYM GEN	S3	-	D327A	F3	31-31-12	SERIES	NORMAL	28V DC	ALT GND
IRS SW POS-CAPT	S4	-	D327A	E1	31-31-13	SHUNT	NORMAL	OPEN CKT	ALT GND
FMS SW POS-CAPT	S2	AF	D327A	F1	31-31-13	SHUNT	SEE DFDRS ICD D283T064		
FMS SW POS-CAPT	S2	AA	D327D	H15	31-31-13	SHUNT			
EICAS COMPTR SEL	D209	9	D327A	J3	31-31-13	SERIES	LEFT	28V DC	RIGHT GND
YAW DAMPER ENG-L	D1259B	H10	D327D	K3	31-31-14	SERIES	ENGAGED	>11V DC	NOT ENGAGED OPEN CKT
YAW DAMPER ENG-R	D1261B	H10	D327A	K3	31-31-14	SERIES	ENGAGED	>11V DC	NOT ENGAGED OPEN CKT
EEC-L CH SEL	D11786B	D12	D327A	K1	31-31-14	SERIES	B	28V DC	A GND
EEC-R CH SEL	D11788B	D12	D327D	A3	31-31-14	SERIES	B	28V DC	A GND
HF XCVR KEYING-L	D641B	E2	D327A	C1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
HF XCVR KEYING-R	D643B	E2	D327D	D1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
VHF XCVR KEYING-L	D439B	D1	D327A	A1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
VHF XCVR KEYING-R	D443B	D1	D327D	B1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
VHF XCVR KEYING-C	D445B	D1	D327A	B1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
SPOILER CONTROL MODULE FAULT	1L	D825A	H13	D327D	H5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	2L	D827A	H13	D327D	J5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	3L	D829A	H13	D327D	K5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	1R	D831A	H13	D327A	H5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	2R	D833A	H13	D327A	J5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	3R	D835A	H13	D327A	K5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
MARKER BEACON-INNER	D329B	C2	D327A	C3	31-31-18	SERIES	NO MARKER	>12V DC	MARKER GND
MARKER BEACON-MIDDLE	D329B	B2	D327D	D3	31-31-18	SERIES	NO MARKER	>12V DC	MARKER GND
MARKER BEACON-OUTER	D329B	A2	D327D	B5	31-31-18	SERIES	NO MARKER	>12V DC	MARKER GND
AUTO BRAKE SELECTOR SWITCH POSITION	DISARM	D224	3	D327A	D5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	2	D224	5	D327A	E5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	4	D224	7	D327A	F5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	RT0	D224	20	D327A	C5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	OFF	D224	2	D327D	D5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	1	D224	4	D327D	E5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	3	D224	6	D327D	F5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	MAX AUTO	D224	8	D327D	G5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
TRIM-UP LEFT	D667A	B13	D327A	K7	31-31-18	SHUNT	NO TRIM	OPEN CKT	TRIM GND
TRIM-DOWN LEFT	D667A	B14	D327D	F7	31-31-18	SHUNT	NO TRIM	OPEN CKT	TRIM GND
TRIM-UP RIGHT	D665A	B13	D327D	K7	31-31-18	SHUNT	NO TRIM	OPEN CKT	TRIM GND
TRIM-DOWN RIGHT	D665A	B14	D327A	E7	31-31-18	SHUNT	NO TRIM	OPEN CKT	TRIM GND
ALTITUDE ADVISORY	D821	34	D327D	J3	31-31-19	SERIES	NO ADV	>12V DC	ADVISORY GND
LANDING GEAR LEVER UP	D232	13	D327A	A7	31-31-19	SERIES	UP	28V DC	NOT UP OPEN CKT
FMC-L F/O SW POS	S10	AA	D327D	G1	31-31-19	SHUNT	SEE DFDRS ICD D283T064		

**31-31-01**

Page 102.1  
 Sheet 6  
 Jan 21/2005



## 767-200/300 SYSTEM SCHEMATIC MANUAL

DIGITAL BUSES							
INPUT SOURCE				DFDAU DESTINATION			
DATA	CONNECTOR	PIN		CONNECTOR	PIN		REFERENCE WIRE DIA
		A	B		A	B	
ADC L OR R	D1354	2	6	D327A	E13	F13	31-31-12
EFIS L OR C	D1644	2	6	D327A	A14	B14	31-31-12
GMT (CAPT CLOCK)	D103	5	6	D327A	G13	H13	31-31-12
EICAS L OR R	D877	54	55	D327D	C14	D14	31-31-13
EEC-L CH A OR CH B	D11786B	A14	A15	D327A	A13	B13	31-31-14
EEC-R CH A OR CH B	D11788B	A14	A15	D327D	A13	B13	31-31-14
FCC-L	D433B	D1	D2	D327D	A14	B14	31-31-14
FMC-L BUS D	D323A	A11	B11	D327A	J13	K13	31-31-14
GPWC	D435B	C1	D1	D327D	J13	K13	31-31-14
IRU-L	D323A	A3	B3	D327A	E14	F14	31-31-14
TMC-BUS D	D427B	H6	G6	D327D	C13	D13	31-31-14
DME-L	D333B	G3	H3	D327A	C13	D13	31-31-20
DME-R	D361B	G3	H3	D327D	E13	F13	31-31-20
FCC-MCP	D475	26	27	D327D	J14	K14	31-31-20
ILS-L	D429B	B11	C11	D327A	C14	D14	31-31-20
ILS-R	D377B	B11	C11	D327A	G14	H14	31-31-20
ILS-C	D417B	B11	C11	D327D	G14	H14	31-31-20
RA-L	D401B	G2	G3	D327A	J14	K14	31-31-20
RA-R	D403B	G2	G3	D327A	A15	B15	31-31-20
RA-C	D405B	G2	G3	D327D	A15	B15	31-31-20

275-276

**DIGITAL FLIGHT RECORDER**

D280T232

**31-31-01**

Page 102.1  
Sheet 7  
Jan 21/2005



## 767-200/300 SYSTEM SCHEMATIC MANUAL

608

DISCRETE INPUTS										
INPUT SOURCE			DFDAU DESTN		REF W/D	DISCRETE TYPE	LOGIC			
DATA	CONN	PIN	CONN	PIN			ONE STATE		ZERO STATE	
FMC-R F/O SW POS	S10	AF	D327A	H12	31-31-19	SHUNT	SEE DFDRS ICD D283T064			
ADC F/O SW POS	S483	-	D327D	H1	31-31-19	SHUNT	NORMAL	OPEN CKT	ALT	GND
EFIS F/O SW POS	S11	-	D327D	E1	31-31-19	SHUNT	NORMAL	OPEN CKT	ALT	GND
IRS F/O SW POS	S12	-	D327D	F1	31-31-19	SHUNT	NORMAL	OPEN CKT	ALT	GND
LANDING GEAR LEVER DOWN	D232	9	D327D	A1	31-31-19	SHUNT	NOT DOWN	OPEN CKT	DOWN	GND
NOSE GEAR SQUAT SW	D2914	3	D327A	C7	31-31-21	SERIES	AIR	28V DC	GND	OPEN CKT
MAIN GEAR TILT-L	D2166A	B14	D327D	C7	31-31-21	SERIES	TILT (AIR)	28V DC	NOT TILT	GND
MAIN GEAR TILT-R	D2166A	C11	D327D	D7	31-31-21	SERIES	TILT (AIR)	28V DC	NOT TILT	GND
ENG STAR VALVE-L	TB106	YA29	D327D	A5	31-31-22	SERIES	NOT CLOSED	28V DC	CLOSED	GND
ENG START VALVE-R	TB106	YC29	D327A	B5	31-31-22	SERIES	NOT CLOSED	28V DC	CLOSED	GND
APU START	D1394	15	D327A	J7	31-31-22	SHUNT	NOT START	OPEN/28V DC	START	GND
STICK SHAKER-L	D823	34	D327D	E3	31-31-22	SERIES	NOT ON	28V DC	ON	GND
STICKER SHAKER-R	D1831	34	D327A	A5	31-31-22	SERIES	NOT ON	28V DC	ON	GND
MASTER WARNING-F/O	D815	34	D327D	C5	31-31-22	SERIES	NO WNG	>12V DC	WARNING	GND
MASTER WARNING-CAPT	D815	66	D327A	A3	31-31-22	SERIES	NO WNG	>12V DC	WARNING	GND
APU ON (INLET DOOR)	D326	B1	D327D	B7	31-31-22	SERIES	OPEN	28V DC	NOT OPEN	OPEN CKT
APU AIR SUPPLY VALVE	D3652	9	D327D	F3	31-31-22	SERIES	NOT OPEN	28V DC	OPEN	OPEN CKT
APU AIR SUPPLY VALVE	D3650	A3	D327A	D3	31-31-22	SERIES	NOT CLOSED	28V DC	CLOSED	OPEN CKT
WHEEL BRAKE APPLICATION-L	S668	-	D327A	G3	31-31-22	SERIES	APPLIED	28V DC	NOT APPLIED	GND
WHEEL BRAKE APPLICATION-R	S669	-	D327D	H3	31-31-22	SERIES	APPLIED	28V DC	NOT APPLIED	GND
ALT FLAPS ARMED/NOT ARMED	S601	10	D327A	G5	31-31-26	SHUNT	ARMED	OPEN CKT	NOT ARMED	GND
FLAP OVERRIDE SW POS	S603	7	D327D	G3	31-31-26	SHUNT	OVRD	OPEN CKT	NORMAL	GND
GPWS TEST SW POS	D435B	A9	D327A	D1	31-31-26	SHUNT	NORMAL	OPEN CKT	TEST	GND
ENG DRIVEN HYD PUMP-L	D3904	10	D327D	G15	31-31-26	SHUNT	ON	28V DC	DEPRESS	OPEN CKT
ENG DRIVEN HYD PUMP-R	D3902	10	D327A	J12	31-31-26	SHUNT	ON	28V DC	DEPRESS	OPEN CKT
SEAT BELT SIGN	D3560	D1	D327D	G7	31-31-26	AC	ON	28V AC	NOT ON	GND
ENG FUEL VALVE POS-L	D3530	A1	D327A	H7	31-31-26	SHUNT	NOT OPEN	12V DC/OPEN	OPEN	GND
ENG FUEL VALVE POS-R	D2414	A1	D327D	J7	31-31-26	SHUNT	NOT OPEN	12V DC/OPEN	OPEN	GND
ELECT HYD PUMP-L	D3452	8	D327A	B7	31-31-26	SERIES	ON	28V DC	NOT ON	GND/OPEN
ELECT HYD PUMP-R	D3448	8	D327D	J11	31-31-26	SERIES	ON	28V DC	NOT ON	GND/OPEN
ELECT HYD PUMP-C1	D3450	8	D327A	D7	31-31-26	SERIES	ON	28V DC	NOT ON	GND/OPEN
ELECT HYD PUMP-C2	D3454	8	D327D	E7	31-31-26	SERIES	ON	28V DC	NOT ON	GND/OPEN
MANUAL STAB TRIM	S790	-	D327A	F7	31-31-15	SHUNT	NO TRIM	OPEN CKT	TRIM	GND
LE SLAT POS-L0 EXT	D2166B	E10	D327A	H1	31-31-13	SHUNT	NOT EXT	OPEN CKT	EXT	GND
LE SLAT POS-LI EXT	D2166B	G10	D327A	J1	31-31-13	SHUNT	NOT EXT	OPEN CKT	EXT	GND
LE SLAT POS-ALL FULL	D2166B	G15	D327A	B3	31-31-13	SERIES	NOT ALL FULL	>12V DC	ALL FULL	GND
LE SLAT POS-IN DISAGR	D2166B	E15	D327D	C1	31-31-13	SHUNT	AGREE	OPEN	DISAGREE	GND
LE SLAT POS-R0 EXT	D2166B	E13	D327D	J1	31-31-13	SHUNT	NOT EXT	OPEN CKT	EXT	GND
LE SLAT POS-RI EXT	D2166B	J10	D327D	K1	31-31-13	SHUNT	NOT EXT	OPEN CKT	EXT	GND
LE SLAT POS-ALL PART	D2166B	H13	D327D	C3	31-31-13	SERIES	NOT ALL PART	>12V DC	ALL PART	GND
AIR/GND	D3714	D2	D327A	H3	31-31-11	SERIES	AIR	28V DC	ON GND	OPEN CKT

DISCRETE INPUTS

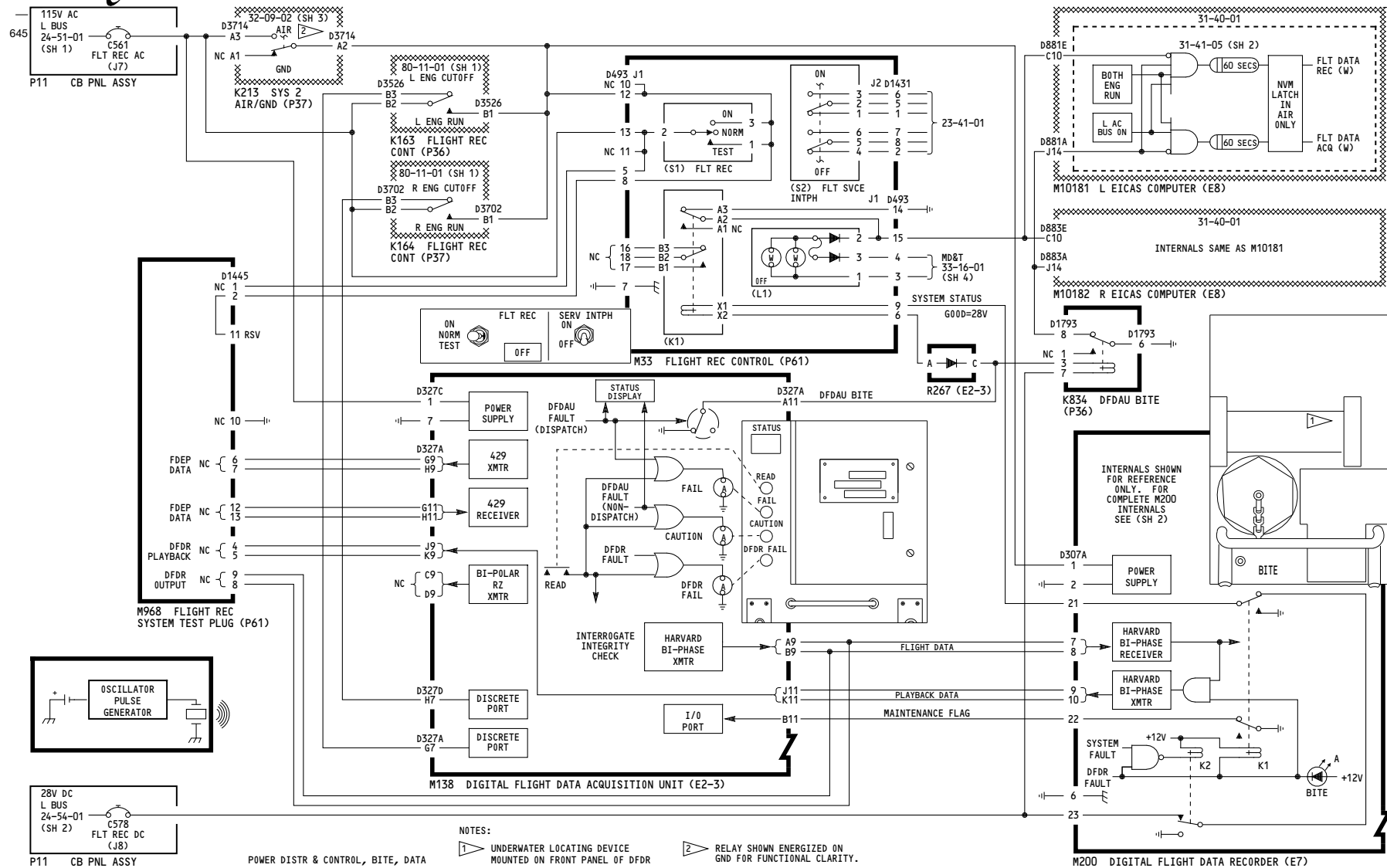
275-276

DIGITAL FLIGHT RECORDER

D280T232

31-31-01

Page 102.1  
Sheet 8  
Jan 21/2005



277-299

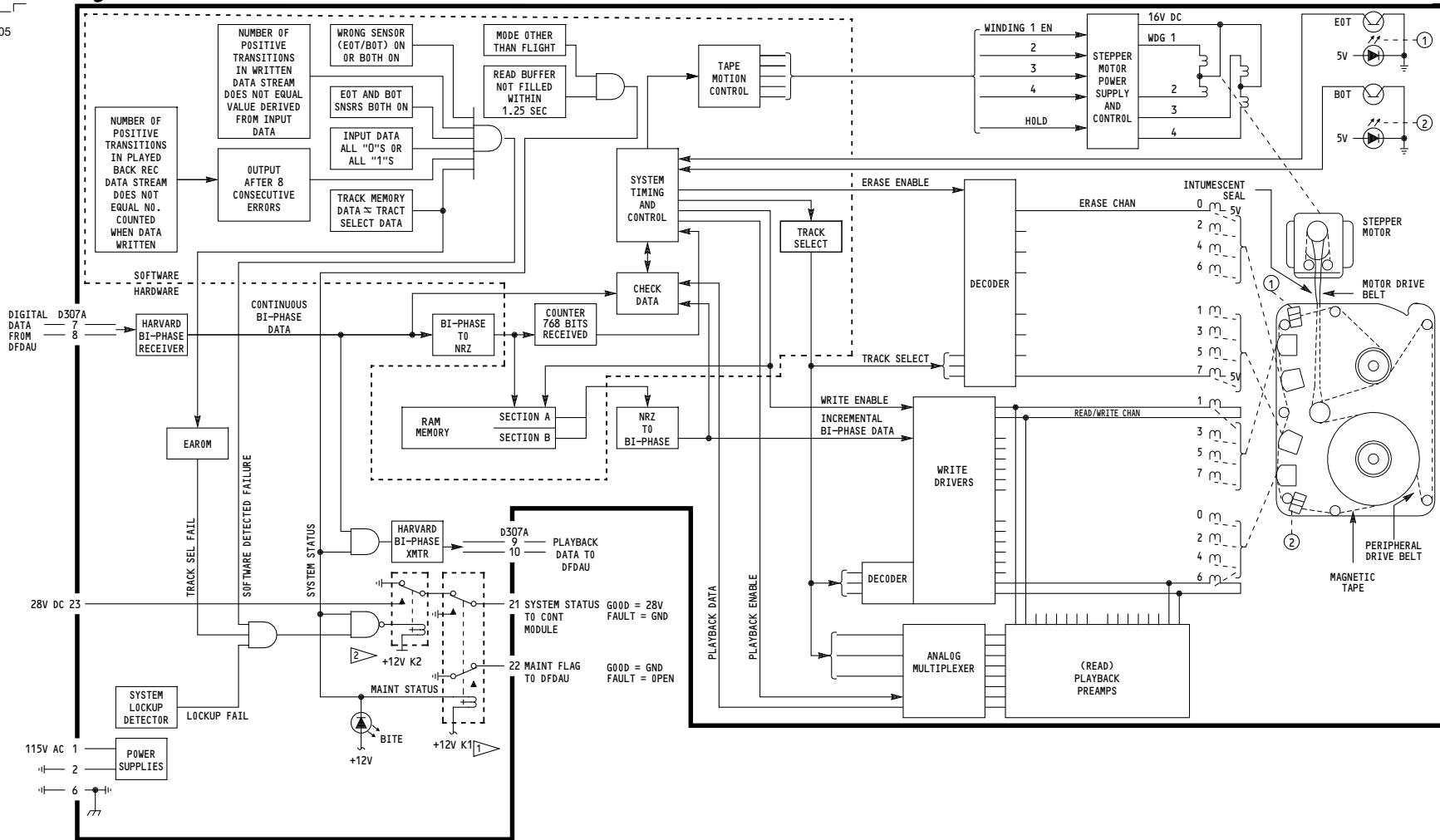
**DIGITAL FLIGHT RECORDER**

D280T232

**31-31-01**

Page 103  
Sheet 1  
Jan 21/2005

605



**NOTES:**

- 1 K1 DFDR MAINT RELAY, NORMALLY NOT ACTIVATED
- 2 K2 DFDR SYSTEM STATUS RELAY, NORMALLY ACTIVATED

277-299

**DIGITAL FLIGHT RECORDER**

D280T232

**31-31-01**

Page 103  
Sheet 2  
Jan 21/2005





2

M138 DIGITAL FLIGHT DATA ACQUISITION UNIT (E2-3)

277-299

## DIGITAL FLIGHT RECORDER

D280T232

**31-31-01**

Page 103  
Sheet 3  
Jan 21/2005

ANALOG INPUTS										
DATA	INPUT SOURCE				DFDAU DESTINATION				REFERENCE WIRE DIAGRAM	TYPE
	CONNECTOR/ EQUIPMENT NUMBER	PIN			CONNECTOR	PIN				
		H X	L Y	R Z		H X	L Y	R Z		
ACCELERATION-LATERAL	D321	E	F		D327B	A4	A5		31-31-13	LLDC
ACCELERATION-LONGITUDINAL	D321	G	H		D327B	B4	B5		31-31-13	LLDC
ACCELERATION-VERTICAL	D321	C	D		D327B	A1	A2		31-31-13	LLDC
TE FLAP POSITION-R0	D1632	1	2	3	D327E	B7	B9	B8	31-31-13	SYNCHRO
TE FLAP POSITION-L0	D1630	1	2	3	D327B	B10	B12	B11	31-31-13	SYNCHRO
TE FLAP POSITION-RI	D2676	14	16		D327B	C10	C11		31-31-21	LLDC
TE FLAP POSITION-LI	D2672	14	16		D327E	C7	C8		31-31-21	LLDC
HORIZONTAL STABILIZER POSITION	D225	8	9	10	D327B	C1	C3	C2	31-31-13	SYNCHRO
RUDDER PEDAL POSITION	TS355	-	-	-	D327E	A7	A9	A8	31-31-15	SYNCHRO
CONTROL WHEEL POSITION (PROVS)	TS354	-	-	-	D327B	A7	A9	A8	31-31-15	SYNCHRO
CONTROL COLUMN POSITION	TS353	-	-	-	B327B	F5	F7	F6	31-31-15	SYNCHRO
CABIN PRESSURE	D1635	C	D		D327B	D1	D2		31-31-15	LLDC
FLAP HANDLE POSN	D1836A	J2	K2		D327E	B4	B5		31-31-19	LLDC
CABIN PRESSURE O/F VALVE POSITION	D704	1	2	3	D327B	C4	C5	C6	31-31-19	DCVR
APPLIED BRAKE PRESSURE-R MAIN	D1921	2	3	1	D327E	A13	A14	A15	31-31-22	ACVR 2
APPLIED BRAKE PRESSURE-R ALT	D2291	2	3	1	D327E	A10	A11	A12	31-31-22	ACVR 2
APPLIED BRAKE PRESSURE-L MAIN	D1923	2	3	1	D327B	A13	A14	A15	31-31-22	ACVR 2
APPLIED BRAKE PRESSURE-L ALT	D2293	2	3	1	D327B	A10	A11	A12	31-31-22	ACVR 2
FUEL TEMP	TS168	-	-	-	D327B	E7	E8	E10	31-31-25	VARIABLE RESISTANCE
SYNCHRO REF B	C1522	-	-	-	D327B	H4			31-31-13	REFERENCE

## ANALOG INPUTS

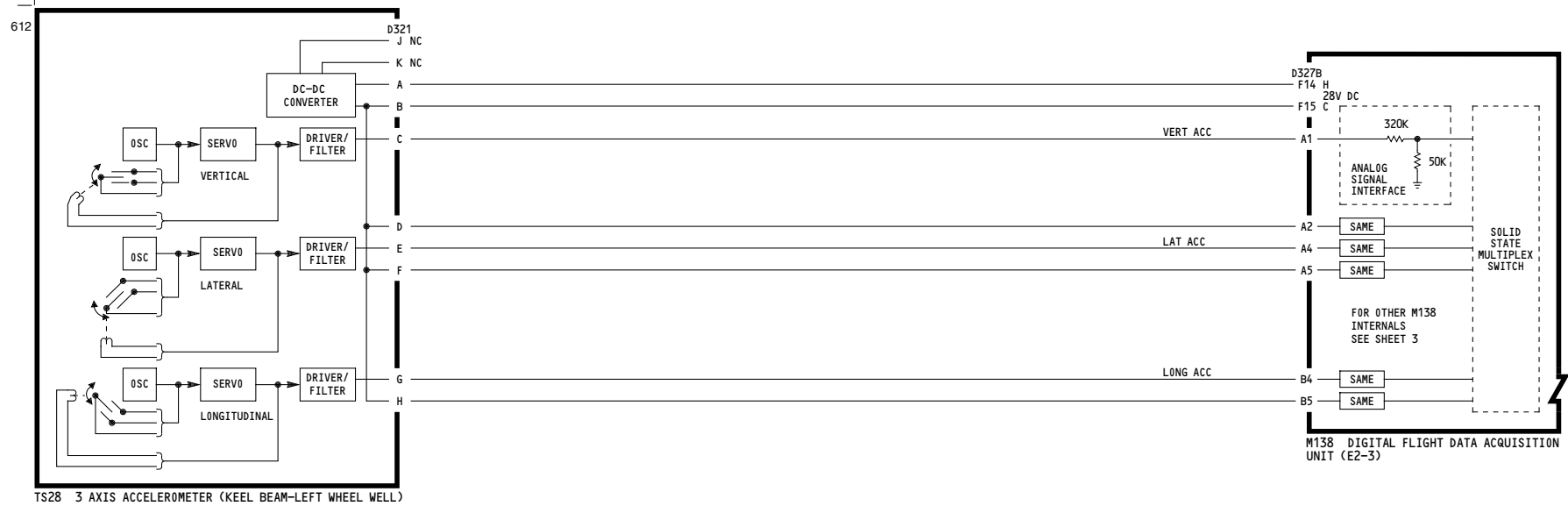
277-299

## DIGITAL FLIGHT RECORDER

D280T232

## 31-31-01

Page 103  
Sheet 4  
Jan 21/2005



ANALOG INPUTS

277-299

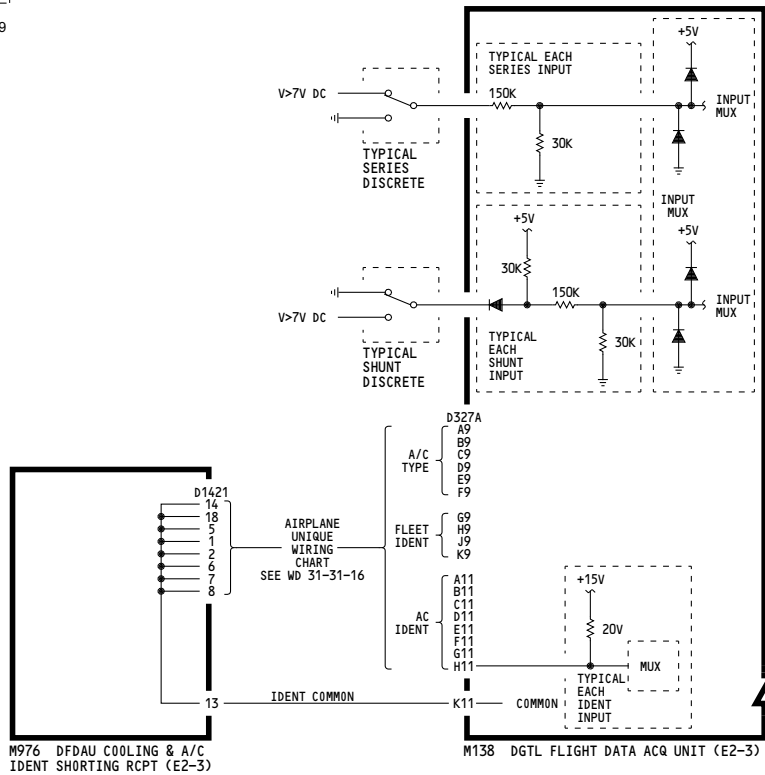
**DIGITAL FLIGHT RECORDER**

D280T232

**31-31-01**

Page 103  
Sheet 5  
Jan 21/2005

639



**SERIES (SE) DISCRETE BINARY LOGIC**  
ONE STATE = V > 7V DC  
ZERO STATE = OPEN CIRCUIT OR GROUND

**SHUNT (SH) DISCRETE BINARY LOGIC**  
ONE STATE = V > 7V OR OPEN CIRCUIT  
ZERO STATE = GROUND

**IDENT DISCRETE LOGIC**  
ONE STATE = CONNECTION TO K11  
ZERO STATE = NO CONNECTION TO PIN K11

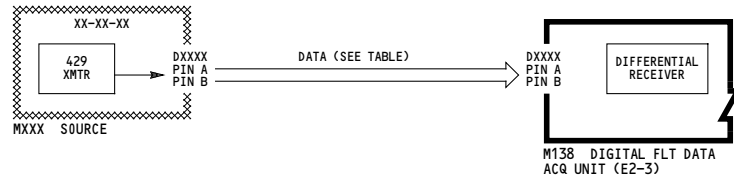
DISCRETE INPUTS									
INPUT SOURCE			DFDAV DESTN		REF W/D	DISCRETE TYPE	LOGIC		
DATA	CONN	PIN	CONN	PIN			ONE STATE		ZERO STATE
ENG START-L	D3526	B3	D327A	G7	31-31-11	AC	CUT OFF	115V AC	RUN OPEN CKT
ENG START-R	D3702	B3	D327D	H7	31-31-11	AC	CUT OFF	115V AC	RUN OPEN CKT
DFDR BITE	D307A	22	D327A	B11	31-31-11	-	FAULT	OPEN CKT	NO FAULT GND
ALT ADC	S482	-	D327A	G1	31-31-12	SHUNT	NORMAL	28V DC	ALT GND
ALT SYM GEN	S3	-	D327A	F3	31-31-12	SERIES	NORMAL	28V DC	ALT GND
IRS SW POS-CAPT	S4	-	D327A	E1	31-31-13	SHUNT	NORMAL	OPEN CKT	ALT GND
FMS SW POS-CAPT	S2	AF	D327A	F1	31-31-13	SHUNT	SEE DFDRS ICD D283T064		
FMS SW POS-CAPT	S2	AA	D327D	H15	31-31-13	SHUNT			
EICAS COMPTR SEL	D209	9	D327A	J3	31-31-13	SERIES	LEFT	28V DC	RIGHT GND
YAW DAMPER ENG-L	D1259B	H10	D327D	K3	31-31-14	SERIES	ENGAGED	>11V DC	NOT ENGAGED OPEN CKT
YAW DAMPER ENG-R	D1261B	H10	D327A	K3	31-31-14	SERIES	ENGAGED	>11V DC	NOT ENGAGED OPEN CKT
EEC-L CH SEL	D11786B	D12	D327A	K1	31-31-14	SERIES	B	28V DC	A GND
EEC-R CH SEL	D11788B	D12	D327D	A3	31-31-14	SERIES	B	28V DC	A GND
HF XCVR KEYING-L	D641B	E2	D327A	C1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
HF XCVR KEYING-R	D643B	E2	D327D	D1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
VHF XCVR KEYING-L	D439B	D1	D327A	A1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
VHF XCVR KEYING-R	D443B	D1	D327D	B1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
VHF XCVR KEYING-C	D445B	D1	D327A	B1	31-31-17	SHUNT	NOT KEY	OPEN	KEY GND
SPOILER CONTROL MODULE FAULT	1L	D825A	H13	D327D	H5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	2L	D827A	H13	D327D	J5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	3L	D829A	H13	D327D	K5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	1R	D831A	H13	D327A	H5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	2R	D833A	H13	D327A	J5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
	3R	D835A	H13	D327A	K5	31-31-18	SERIES	NO FAULT	28V DC FAULT GND
MARKER BEACON-INNER	D329B	C2	D327A	C3	31-31-18	SERIES	NO MARKER	>12V DC	MARKER GND
MARKER BEACON-MIDDLE	D329B	B2	D327D	D3	31-31-18	SERIES	NO MARKER	>12V DC	MARKER GND
MARKER BEACON-OUTER	D329B	A2	D327D	B5	31-31-18	SERIES	NO MARKER	>12V DC	MARKER GND
AUTO BRAKE SELECTOR SWITCH POSITION	DISARM	D224	3	D327A	D5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	2	D224	5	D327A	E5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	4	D224	7	D327A	F5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	RT0	D224	20	D327A	C5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	OFF	D224	2	D327D	D5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	1	D224	4	D327D	E5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	3	D224	6	D327D	F5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
	MAX AUTO	D224	8	D327D	G5	31-31-18	SERIES	SELECTED	28V DC NOT SEL OPEN CKT
TRIM-UP LEFT	D667A	B13	D327A	K7	31-31-18	SHUNT	NO TRIM	OPEN CKT	TRIM GND
TRIM-DOWN LEFT	D667A	B14	D327D	F7	31-31-18	SHUNT	NO TRIM	OPEN CKT	TRIM GND
TRIM-UP RIGHT	D665A	B13	D327D	K7	31-31-18	SHUNT	NO TRIM	OPEN CKT	TRIM GND
TRIM-DOWN RIGHT	D665A	B14	D327A	E7	31-31-18	SHUNT	NO TRIM	OPEN CKT	TRIM GND
ALTITUDE ADVISORY	D821	34	D327D	J3	31-31-19	SERIES	NO ADV	>12V DC	ADVISORY GND
LANDING GEAR LEVER UP	D232	13	D327A	A7	31-31-19	SERIES	UP	28V DC	NOT UP OPEN CKT
FMC-L F/O SW POS	S10	AA	D327D	G1	31-31-19	SHUNT	SEE DFDRS ICD D283T064		

277-299

**DIGITAL FLIGHT RECORDER**

**31-31-01**

D280T232



## 767-200/300 SYSTEM SCHEMATIC MANUAL

DIGITAL BUSES							
INPUT SOURCE				DFDAU DESTINATION			
DATA	CONNECTOR	PIN		CONNECTOR	PIN		REFERENCE WIRE DIA
		A	B		A	B	
ADC L OR R	D1354	2	6	D327A	E13	F13	31-31-12
EFIS L OR C	D1644	2	6	D327A	A14	B14	31-31-12
GMT (CAPT CLOCK)	D103	5	6	D327A	G13	H13	31-31-12
EICAS L OR R	D877	54	55	D327D	C14	D14	31-31-13
EEC-L CH A OR CH B	D11786B	A14	A15	D327A	A13	B13	31-31-14
EEC-R CH A OR CH B	D11788B	A14	A15	D327D	A13	B13	31-31-14
FCC-L	D433B	D1	D2	D327D	A14	B14	31-31-14
FMC-L BUS D	D323A	A11	B11	D327A	J13	K13	31-31-14
GPWC	D435B	C1	D1	D327D	J13	K13	31-31-14
IRU-L	D323A	A3	B3	D327A	E14	F14	31-31-14
TMC-BUS D	D427B	H6	G6	D327D	C13	D13	31-31-14
DME-L	D333B	G3	H3	D327A	C13	D13	31-31-20
DME-R	D361B	G3	H3	D327D	E13	F13	31-31-20
FCC-MCP	D475	26	27	D327D	J14	K14	31-31-20
ILS-L	D429B	B11	C11	D327A	C14	D14	31-31-20
ILS-R	D377B	B11	C11	D327A	G14	H14	31-31-20
ILS-C	D417B	B11	C11	D327D	G14	H14	31-31-20
RA-L	D401B	G2	G3	D327A	J14	K14	31-31-20
RA-R	D403B	G2	G3	D327A	A15	B15	31-31-20
RA-C	D405B	G2	G3	D327D	A15	B15	31-31-20

277-299

**DIGITAL FLIGHT RECORDER**

D280T232

**31-31-01**

Page 103  
Sheet 7  
Jan 21/2005

DISCRETE INPUTS										
INPUT SOURCE			DFDAU DESTN		REF W/D	DISCRETE TYPE	LOGIC			
DATA	CONN	PIN	CONN	PIN			ONE STATE		ZERO STATE	
FMC-R F/O SW POS	S10	AF	D327A	H12	31-31-19	SHUNT	SEE DFDRS ICD D283T064			
ADC F/O SW POS	S483	-	D327D	H1	31-31-19	SHUNT	NORMAL	OPEN CKT	ALT	GND
EFIS F/O SW POS	S11	-	D327D	E1	31-31-19	SHUNT	NORMAL	OPEN CKT	ALT	GND
IRS F/O SW POS	S12	-	D327D	F1	31-31-19	SHUNT	NORMAL	OPEN CKT	ALT	GND
LANDING GEAR LEVER DOWN	D232	9	D327D	A1	31-31-19	SHUNT	NOT DOWN	OPEN CKT	DOWN	GND
NOSE GEAR SQUAT SW	D2914	3	D327A	C7	31-31-21	SERIES	AIR	28V DC	GND	OPEN CKT
MAIN GEAR TILT-L	D2166A	B14	D327D	C7	31-31-21	SERIES	TILT (AIR)	28V DC	NOT TILT	GND
MAIN GEAR TILT-R	D2166A	C11	D327D	D7	31-31-21	SERIES	TILT (AIR)	28V DC	NOT TILT	GND
ENG STAR VALVE-L	TB106	YA29	D327D	A5	31-31-22	SERIES	NOT CLOSED	28V DC	CLOSED	GND
ENG START VALVE-R	TB106	YC29	D327A	B5	31-31-22	SERIES	NOT CLOSED	28V DC	CLOSED	GND
APU START	D1394	15	D327A	J7	31-31-22	SHUNT	NOT START	OPEN/28V DC	START	GND
STICK SHAKER-L	D823	34	D327D	E3	31-31-22	SERIES	NOT ON	28V DC	ON	GND
STICKER SHAKER-R	D1831	34	D327A	A5	31-31-22	SERIES	NOT ON	28V DC	ON	GND
MASTER WARNING-F/O	D815	34	D327D	C5	31-31-22	SERIES	NO WNG	>12V DC	WARNING	GND
MASTER WARNING-CAPT	D815	66	D327A	A3	31-31-22	SERIES	NO WNG	>12V DC	WARNING	GND
APU ON (INLET DOOR)	D326	B1	D327D	B7	31-31-22	SERIES	OPEN	28V DC	NOT OPEN	OPEN CKT
APU AIR SUPPLY VALVE	D3652	9	D327D	F3	31-31-22	SERIES	NOT OPEN	28V DC	OPEN	OPEN CKT
APU AIR SUPPLY VALVE	D3650	A3	D327A	D3	31-31-22	SERIES	NOT CLOSED	28V DC	CLOSED	OPEN CKT
WHEEL BRAKE APPLICATION-L	S668	-	D327A	G3	31-31-22	SERIES	APPLIED	28V DC	NOT APPLIED	GND
WHEEL BRAKE APPLICATION-R	S669	-	D327D	H3	31-31-22	SERIES	APPLIED	28V DC	NOT APPLIED	GND
ALT FLAPS ARMED/NOT ARMED	S601	10	D327A	G5	31-31-26	SHUNT	ARMED	OPEN CKT	NOT ARMED	GND
FLAP OVERRIDE SW POS	S603	7	D327D	G3	31-31-26	SHUNT	OVRD	OPEN CKT	NORMAL	GND
GPWS TEST SW POS	D435B	A9	D327A	D1	31-31-26	SHUNT	NORMAL	OPEN CKT	TEST	GND
ENG DRIVEN HYD PUMP-L	D3904	10	D327D	G15	31-31-26	SHUNT	ON	28V DC	DEPRESS	OPEN CKT
ENG DRIVEN HYD PUMP-R	D3902	10	D327A	J12	31-31-26	SHUNT	ON	28V DC	DEPRESS	OPEN CKT
SEAT BELT SIGN	D3560	D1	D327D	G7	31-31-26	AC	ON	28V AC	NOT ON	GND
ENG FUEL VALVE POS-L	D3530	A1	D327A	H7	31-31-26	SHUNT	NOT OPEN	12V DC/OPEN	OPEN	GND
ENG FUEL VALVE POS-R	D2414	A1	D327D	J7	31-31-26	SHUNT	NOT OPEN	12V DC/OPEN	OPEN	GND
ELECT HYD PUMP-L	D3452	8	D327A	B7	31-31-26	SERIES	ON	28V DC	NOT ON	GND/OPEN
ELECT HYD PUMP-R	D3448	8	D327D	J11	31-31-26	SERIES	ON	28V DC	NOT ON	GND/OPEN
ELECT HYD PUMP-C1	D3450	8	D327A	D7	31-31-26	SERIES	ON	28V DC	NOT ON	GND/OPEN
ELECT HYD PUMP-C2	D3454	8	D327D	E7	31-31-26	SERIES	ON	28V DC	NOT ON	GND/OPEN
MANUAL STAB TRIM	S790	-	D327A	F7	31-31-15	SHUNT	NO TRIM	OPEN CKT	TRIM	GND
LE SLAT POS-L0 EXT	D2166B	E10	D327A	H1	31-31-13	SHUNT	NOT EXT	OPEN CKT	EXT	GND
LE SLAT POS-LI EXT	D2166B	G10	D327A	J1	31-31-13	SHUNT	NOT EXT	OPEN CKT	EXT	GND
LE SLAT POS-ALL FULL	D2166B	G15	D327A	B3	31-31-13	SERIES	NOT ALL FULL	>12V DC	ALL FULL	GND
LE SLAT POS-IN DISAGR	D2166B	E15	D327D	C1	31-31-13	SHUNT	AGREE	OPEN	DISAGREE	GND
LE SLAT POS-R0 EXT	D2166B	E13	D327D	J1	31-31-13	SHUNT	NOT EXT	OPEN CKT	EXT	GND
LE SLAT POS-RI EXT	D2166B	J10	D327D	K1	31-31-13	SHUNT	NOT EXT	OPEN CKT	EXT	GND
LE SLAT POS-ALL PART	D2166B	H13	D327D	C3	31-31-13	SERIES	NOT ALL PART	>12V DC	ALL PART	GND
AIR/GND	D3714	D2	D327A	H3	31-31-11	SERIES	AIR	28V DC	ON GND	OPEN CKT

DISCRETE INPUTS

277-299

DIGITAL FLIGHT RECORDER

D280T232

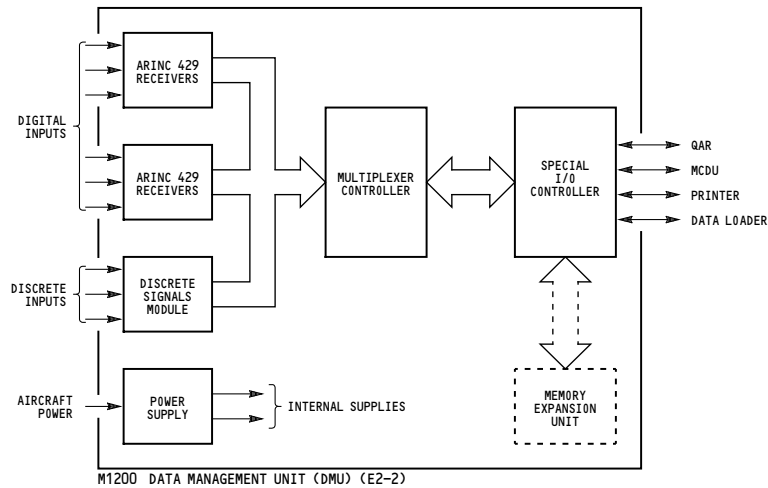
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Page 103  
Sheet 8  
Jan 21/2005



## 767-200/300 SYSTEM SCHEMATIC MANUAL

610



DMU POWER REQUIREMENTS - REF. W/D 31-35-11			
SIGNAL	CONNECTOR	PIN	SOURCE
115V AC (H)	D1769C	1	C569 ACMS-AC P11-2
115V AC (L)	D1769C	7	AIRPLANE GROUND
DIGITAL GROUND	D1769A	J15	AIRPLANE GROUND
ANALOG GROUND	D1769A	K15	AIRPLANE GROUND
DIGITAL GROUND	D1769B	J15	AIRPLANE GROUND
CASE GROUND	D1769B	K15	AIRPLANE GROUND
DISCRETES GROUND	D1769A	G2	AIRPLANE GROUND

DISCRETE LINES					
INPUT SOURCE			DMU DESTINATION		
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D
QAR STATUS	D1735A	D5	D1769B	J4	31-35-16
QAR TAPE LOW	D1735A	G5	D1769B	K4	31-35-16
DATA LDR ENABLE	D2579	16	D1769A	A3	31-35-11
AIR/GND RELAY	D3714	D2	D1769A	H2	31-35-11
767 PROGRAM PIN	GROUND	-	D1769A	H1	31-35-11
QAR INSTALLED	GROUND	-	D1769B	G1	31-35-11
PRINTER INSTALLED	GROUND	-	D1769B	H1	31-35-11

DIGITAL BUSES					
INPUT SOURCE			DMU DESTINATION		
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D
		A B		A B	
DFDAU	D327E	H5 H6	D1769B	C13 D13	31-35-11
DATA LOADER	D2579	10 9	D1769A	G13 H13	31-35-11
PRINTER	D2301	E F	D1769B	A10 B10	31-35-11
MCDU-R	D467	27 28	D1769B	G11 H11	31-35-11
MCDU-L	D465	27 28	D1769A	G11 H11	31-35-11
CAPTAINS CLOCK	D103	5 6	D1769A	C12 D12	31-35-12
FMC-L "D" BUS	D323A	A11 B11	D1769A	C14 D14	31-35-12
IRU-L	D323A	A3 B3	D1769A	G14 H14	31-35-12
GPWC	D435B	C1 D1	D1769B	C12 D12	31-35-12
RA-L	D401B	G2 G3	D1769A	A15 B15	31-35-12
RA-R	D403B	G2 G3	D1769B	G13 H13	31-35-12
RA-C	D405B	G2 G3	D1769A	C10 D10	31-35-12
ILS-L	D429B	B11 C11	D1769A	E14 F14	31-35-12
ILS-R	D377B	B11 C11	D1769B	E14 F14	31-35-12
ILS-C	D417B	B11 C11	D1769B	J12 K12	31-35-12
DME-L	D333B	G3 H3	D1769B	A12 B12	31-35-12
DME-R	D361B	G3 H3	D1769B	E12 F12	31-35-12
FCC MCP-A	D475	26 27	D1769B	C10 D10	31-35-12

DIGITAL BUSES						
INPUT SOURCE			DMU DESTINATION			
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D	
		A B		A B		
EEC-L CH A	D11786A	D1 D2	D1769A	A8 B8	31-35-12	
EEC-L CH B	D11786B	D1 D2	D1769B	G12 H12	31-35-12	
EEC-R CH A	D11788A	D1 D2	D1769B	A8 B8	31-35-12	
EEC-R CH B	D11788B	D1 D2	D1769A	A14 B14	31-35-12	
ADC-L	D423B	A8 B8	D1769A	A13 B13	31-35-12	
ADC-R	D351B	A8 B8	D1769B	A13 B13	31-35-12	
EFIS L OR C	D1644	2 6	D1769A	J10 K10	31-35-12	
EICAS L OR R	D877	54 55	D1769A	J13 K13	31-35-12	
TMC-L BUS	D427B	H6 G6	D1769A	J12 K12	31-35-12	
FCC-L	D433B	D1 D2	D1769A	E13 F13	31-35-12	
FUEL QUANTITY	D2706B	A8 B8	D1769A	A12 B12	31-35-12	
FCC-R	D381B	D1 D2	D1769B	E13 F13	31-35-13	
FCC-C	D421B	D1 D2	D1769A	G12 H12	31-35-13	
FMC-L BUS C	D323B	D7 E7	D1769A	J14 K14	31-35-13	
FMC-R BUS D	D353A	A11 B11	D1769B	C14 D14	31-35-13	
FMC-R BUS B	D353A	G9 H9	D1769B	J14 K14	31-35-13	
IRU-R	D371B	C10 C11	D1769B	G14 H14	31-35-13	
IRU-C	D369B	C10 C11	D1769A	A10 B10	31-35-13	
VOR-L	D329B	B13 C13	D1769A	C8 D8	31-35-13	
VOR-R	D357B	B13 C13	D1769B	C8 D8	31-35-13	
ADF PANEL-L	D1629	12 13	D1769A	J8 K8	31-35-13	
ADF PANEL-R	D1631	12 13	D1769B	G8 H8	31-35-13	
QAR	D1735A	K1 K2	D1769B	A4 B4	31-35-16	
SCU-L	W2P33	F X	D1769A	E10 F10	31-35-14	
SCU-R	W2P33	F X	D1769B	E10 F10	31-35-15	

DIGITAL BUSES						
DMU OUTPUT			DESTINATION			
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D	
		A B		A B		
MCDU-R	D1769A	G9 H9	D467	24 25	31-35-11	
MCDU-L	D1769A	G9 H9	D465	24 25	31-35-11	
PRINTER	D1769B	E15 F15	D1729	C D	31-35-11	
QAR	D1769A	C9 D9	D1735A	A1 A2	31-35-16	
QAR FRAME SYNC	D1769B	C4 D4	D1735A	D1 D2	31-35-16	
QAR CONTROL	D1769B	E4 F4	D1735A	G1 G2	31-35-16	
DATA LOADER	D1769A	A9 B9	D2579	3 14	31-35-11	

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### AIRCRAFT INTEGRATED DATA SYSTEM SIMPLIFIED

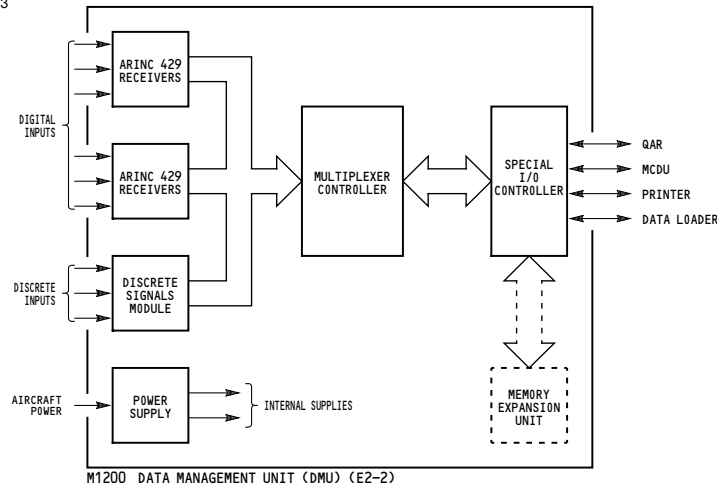
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Page 101

Jan 21/2005

613



DMU POWER REQUIREMENTS - REF. W/D 31-35-11				
SIGNAL	CONNECTOR	PIN	SOURCE	
115V AC (H)	D1769C	1	C569 ACMS-AC P11-2	
115V AC (L)	D1769C	7	AIRPLANE GROUND	
DIGITAL GROUND	D1769A	J15	AIRPLANE GROUND	
ANALOG GROUND	D1769A	K15	AIRPLANE GROUND	
DIGITAL GROUND	D1769B	J15	AIRPLANE GROUND	
CASE GROUND	D1769B	K15	AIRPLANE GROUND	
DISCRETES GROUND	D1769A	G2	AIRPLANE GROUND	

DISCRETE LINES					
INPUT SOURCE			DMU DESTINATION		
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D
QAR STATUS	D1735A	D5	D1769B	J4	31-35-16
QAR TAPE LOW	D1735A	G5	D1769B	K4	31-35-16
DATA LDR ENABLE	D2579	16	D1769A	A3	31-35-11
AIR/GROUND RELAY	D3714	D2	D1769A	H2	31-35-11
767 PROGRAM PIN	GROUND	—	D1769A	H1	31-35-11
QAR INSTALLED	GROUND	—	D1769B	G1	31-35-11
PRINTER INSTAL	GROUND	—	D1769B	H1	31-35-11

DIGITAL BUSES						
DMU OUTPUT			DESTINATION			
DATA	CONNECTOR	PIN	CONNECTOR		PIN	REF. W/D
			A	B		
MCDU-R	D1769A	G9 H9	D467		24 25	31-35-11
MCDU-L	D1769A	G9 H9	D465		24 25	31-35-11
PRINTER	D1769B	E15 F15	D1729		C D	31-35-11
QAR	D1769A	C9 D9	D1735A		A1 A2	31-35-16
QAR FRAME SYNC	D1769B	C4 D4	D1735A		D1 D2	31-35-16
QAR CONTROL	D1769B	E4 F4	D1735A		G1 G2	31-35-16
DATA LOADER	D1769A	A9 B9	D2575		3 14	31-35-11

DIGITAL BUSES						
INPUT SOURCE			DMU DESTINATION			
DATA	CONNECTOR	PIN	CONNECTOR		PIN	REF. W/D
			A	B		
DFDAU	D327E	H5 H6	D1769B		C13 D13	31-35-11
DATA LOADER	D2579	10 9	D1769A		G13 H13	31-35-11
PRINTER	D2301	E F	D1769B		A10 B10	31-35-11
MCDU-R	D467	27 28	D1769B		G11 H11	31-35-11
MCDU-L	D465	27 28	D1769A		G11 H11	31-35-11
CAPTAINS CLOCK	D103	5 6	D1769A		C12 D12	31-35-12
FMC-L "D" BUS	D323A	A11 B11	D1769A		C14 D14	31-35-12
IRU-L	D323A	A3 B3	D1769A		G14 H14	31-35-12
GPWC	D435B	C1 D1	D1769B		C12 D12	31-35-12
RA-L	D401B	G2 G3	D1769A		A15 B15	31-35-12
RA-R	D403B	G2 G3	D1769B		G13 H13	31-35-12
RA-C	D405B	G2 G3	D1769A		C10 D10	31-35-12
ILS-L	D429B	B11 C11	D1769A		E14 F14	31-35-12
ILS-R	D377B	B11 C11	D1769B		E14 F14	31-35-12
ILS-C	D417B	B11 C11	D1769B		J12 K12	31-35-12
DME-L	D333B	G3 H3	D1769B		A12 B12	31-35-12
DME-R	D361B	G3 H3	D1769B		E12 F12	31-35-12
FCC MCP-A	D475	26 27	D1769B		C10 D10	31-35-12
EEC-L CH A	D11786A	D1 D2	D1769A		A8 B8	31-35-12
EEC-L CH B	D11786B	D1 D2	D1769B		G12 H12	31-35-12
EEC-R CH A	D11788A	D1 D2	D1769B		A8 B8	31-35-12
EEC-R CH B	D11788B	D1 D2	D1769A		A14 B14	31-35-12
ADC-L	D423B	A8 B8	D1769A		A13 B13	31-35-12
ADC-R	D351B	A8 B8	D1769B		A13 B13	31-35-12
EFIS L OR C	D1644	2 6	D1769A		J10 K10	31-35-12
EICAS L OR R	D877	54 55	D1769A		J13 K13	31-35-12
TMC-L BUS	D427B	H6 G6	D1769A		J12 K12	31-35-12
FCC-L	D433B	D1 D2	D1769A		E13 F13	31-35-12
FUEL QUANTITY	D2706B	A8 B8	D1769A		A12 B12	31-35-12
FCC-R	D381B	D1 D2	D1769B		E13 F13	31-35-13
FCC-C	D421B	D1 D2	D1769A		G12 H12	31-35-13
FMC-L BUS C	D323B	D7 E7	D1769A		J14 K14	31-35-13
FMC-R BUS D	D353A	A11 B11	D1769B		C14 D14	31-35-13
FMC-R BUS B	D353A	G9 H9	D1769B		J14 K14	31-35-13
IRU-R	D371B	C10 C11	D1769B		G14 H14	31-35-13
IRU-C	D369B	C10 C11	D1769A		A10 B10	31-35-13
VOR-L	D329B	B13 C13	D1769A		C8 D8	31-35-13
VOR-R	D357B	B13 C13	D1769B		C8 D8	31-35-13
ADF PANEL-L	D1629	12 13	D1769A		J8 K8	31-35-13
ADF PANEL-R	D1631	12 13	D1769B		G8 H8	31-35-13
QAR	D1735A	K1 K2	D1769B		A4 B4	31-35-16

150

**AIRCRAFT INTEGRATED DATA  
SYSTEM SIMPLIFIED**

Incorporates  
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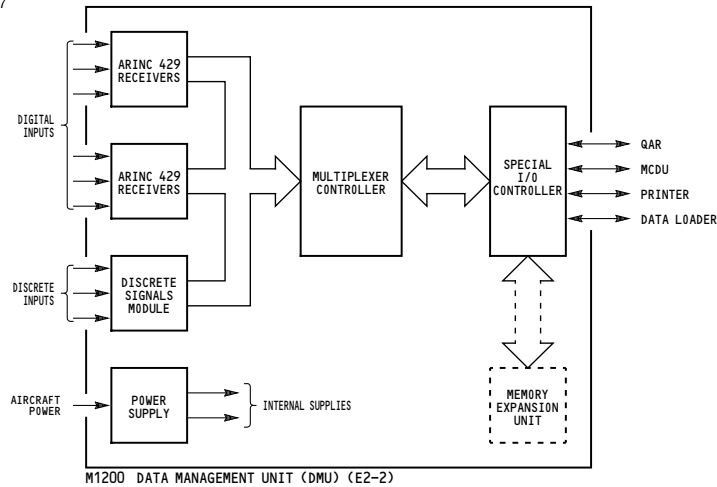
Page 102.1

Jan 21/2005





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607



M1200 DATA MANAGEMENT UNIT (DMU) (E2-2)

DMU POWER REQUIREMENTS - REF. W/D 31-35-11				
SIGNAL	CONNECTOR	PIN	SOURCE	
115V AC (H)	D1769C	1	C569 ACMS-AC P11-2	
115V AC (L)	D1769C	7	AIRPLANE GROUND	
DIGITAL GROUND	D1769A	J15	AIRPLANE GROUND	
ANALOG GROUND	D1769A	K15	AIRPLANE GROUND	
DIGITAL GROUND	D1769B	J15	AIRPLANE GROUND	
CASE GROUND	D1769B	K15	AIRPLANE GROUND	
DISCRETES GROUND	D1769A	G2	AIRPLANE GROUND	

DISCRETE LINES						
INPUT SOURCE			DMU DESTINATION			
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D	
QAR STATUS	D1735A	D5	D1769B	J4	31-35-16	
QAR TAPE LOW	D1735A	G5	D1769B	K4	31-35-16	
DATA LDR ENABLE	D2295	19	D1769A	A3	31-35-11	
AIR/GROUND RELAY	D3714	D2	D1769A	H2	31-35-11	
767 PROGRAM PIN	GROUND	—	D1769A	H1	31-35-11	
QAR INSTALLED	GROUND	—	D1769B	G1	31-35-11	
PRINTER INSTAL	GROUND	—	D1769B	H1	31-35-11	

DIGITAL BUSES						
DMU OUTPUT			DESTINATION			
DATA	CONNECTOR	PIN		CONNECTOR	PIN	
		A	B		A	B
MCDU-R	D1769A	G9	H9	D467	24	25
MCDU-L	D1769A	G9	H9	D465	24	25
PRINTER	D1769B	E15	F15	D1729	C	D
QAR	D1769A	C9	D9	D1735A	A1	A2
QAR FRAME SYNC	D1769B	C4	D4	D1735A	D1	D2
QAR CONTROL	D1769B	E4	F4	D1735A	G1	G2
DATA LOADER	D1769A	A9	B9	D2295	8	9

## 767-200/300 SYSTEM SCHEMATIC MANUAL

DIGITAL BUSES							
INPUT SOURCE			DMU DESTINATION				
DATA	CONNECTOR	PIN		CONNECTOR	PIN		REF. W/D
		A	B		A	B	
DFDAU	D327E	H5	H6	D1769B	C13	D13	31-35-11
DATA LOADER	D2295	1	2	D1769A	G13	H13	31-35-11
PRINTER	D2301	E	F	D1769B	A10	B10	31-35-11
MCDU-R	D467	27	28	D1769B	G11	H11	31-35-11
MCDU-L	D465	27	28	D1769A	G11	H11	31-35-11
CAPTAINS CLOCK	D103	5	6	D1769A	C12	D12	31-35-12
FMC-L "D" BUS	D323A	A11	B11	D1769A	C14	D14	31-35-12
IRU-L	D323A	A3	B3	D1769A	G14	H14	31-35-12
GPWC	D435B	C1	D1	D1769B	C12	D12	31-35-12
RA-L	D401B	G2	G3	D1769A	A15	B15	31-35-12
RA-R	D403B	G2	G3	D1769B	G13	H13	31-35-12
RA-C	D405B	G2	G3	D1769A	C10	D10	31-35-12
ILS-L	D429B	B11	C11	D1769A	E14	F14	31-35-12
ILS-R	D377B	B11	C11	D1769B	E14	F14	31-35-12
ILS-C	D417B	B11	C11	D1769B	J12	K12	31-35-12
DME-L	D333B	G3	H3	D1769B	A12	B12	31-35-12
DME-R	D361B	G3	H3	D1769B	E12	F12	31-35-12
FCC MCP-A	D475	26	27	D1769B	C10	D10	31-35-12
EEC-L CH A	D11786A	D1	D2	D1769A	A8	B8	31-35-12
EEC-L CH B	D11786B	D1	D2	D1769B	G12	H12	31-35-12
EEC-R CH A	D11788A	D1	D2	D1769B	A8	B8	31-35-12
EEC-R CH B	D11788B	D1	D2	D1769A	A14	B14	31-35-12
ADC-L	D423B	A8	B8	D1769A	A13	B13	31-35-12
ADC-R	D351B	A8	B8	D1769B	A13	B13	31-35-12
EFIS L OR C	D1644	2	6	D1769A	J10	K10	31-35-12
EICAS L OR R	D877	54	55	D1769A	J13	K13	31-35-12
TMC-L BUS	D427B	H6	G6	D1769A	J12	K12	31-35-12
FCC-L	D433B	D1	D2	D1769A	E13	F13	31-35-12
FUEL QUANTITY	D2706B	A8	B8	D1769A	A12	B12	31-35-12
FCC-R	D381B	D1	D2	D1769B	E13	F13	31-35-13
FCC-C	D421B	D1	D2	D1769A	G12	H12	31-35-13
FMC-L BUS C	D323B	D7	E7	D1769A	J14	K14	31-35-13
FMC-R BUS D	D353A	A11	B11	D1769B	C14	D14	31-35-13
FMC-R BUS B	D353A	G9	H9	D1769B	J14	K14	31-35-13
IRU-R	D371B	C10	C11	D1769B	G14	H14	31-35-13
IRU-C	D369B	C10	C11	D1769A	A10	B10	31-35-13
VOR-L	D329B	B13	C13	D1769A	C8	D8	31-35-13
VOR-R	D357B	B13	C13	D1769B	C8	D8	31-35-13
ADF PANEL-L	D1629	12	13	D1769A	J8	K8	31-35-13
ADF PANEL-R	D1631	12	13	D1769B	G8	H8	31-35-13
QAR	D1735A	K1	K2	D1769B	A4	B4	31-35-16

151



### AIRCRAFT INTEGRATED DATA SYSTEM SIMPLIFIED

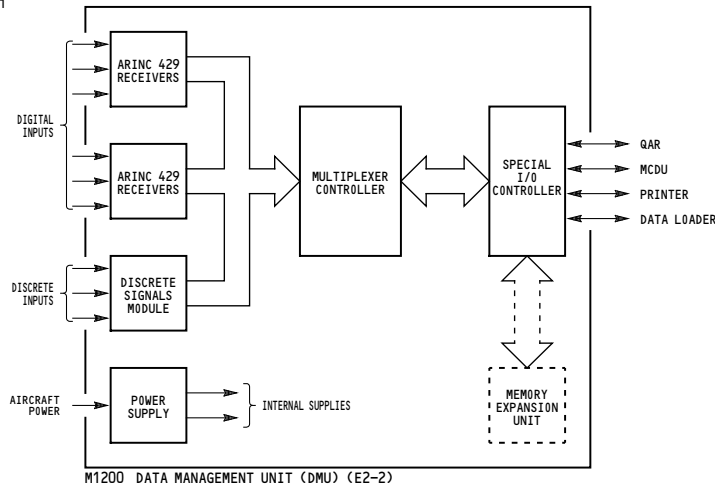
D280T232

31-35-00

Page 103

Jan 21/2005

621



DMU POWER REQUIREMENTS - REF. W/D 31-35-11				
SIGNAL	CONNECTOR	PIN	SOURCE	
115V AC (H)	D1769C	1	C569 ACMS-AC P11-2	
115V AC (L)	D1769C	7	AIRPLANE GROUND	
DIGITAL GROUND	D1769A	J15	AIRPLANE GROUND	
ANALOG GROUND	D1769A	K15	AIRPLANE GROUND	
DIGITAL GROUND	D1769B	J15	AIRPLANE GROUND	
CASE GROUND	D1769B	K15	AIRPLANE GROUND	
DISCRETES GROUND	D1769A	G2	AIRPLANE GROUND	

DISCRETE LINES					
INPUT SOURCE			DMU DESTINATION		
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D
QAR STATUS	D1735A	D5	D1769B	J4	31-35-16
QAR TAPE LOW	D1735A	G5	D1769B	K4	31-35-16
DATA LDR ENABLE	D2295	19	D1769A	A3	31-35-11
AIR/GROUND RELAY	D3714	D2	D1769A	H2	31-35-11
767 PROGRAM PIN	GROUND	—	D1769A	H1	31-35-11
QAR INSTALLED	GROUND	—	D1769B	G1	31-35-11
PRINTER INSTAL	GROUND	—	D1769B	H1	31-35-11

DIGITAL BUSES							
DMU OUTPUT			DESTINATION				
DATA	CONNECTOR	PIN		CONNECTOR	PIN		REF. W/D
		A	B		A	B	
MCDU-R	D1769A	G9	H9	D467	24	25	31-35-11
MCDU-L	D1769A	G9	H9	D465	24	25	31-35-11
PRINTER	D1769B	E15	F15	D1729	C	D	31-35-11
QAR	D1769A	C9	D9	D1735A	A1	A2	31-35-16
QAR FRAME SYNC	D1769B	C4	D4	D1735A	D1	D2	31-35-16
QAR CONTROL	D1769B	E4	F4	D1735A	G1	G2	31-35-16
DATA LOADER	D1769A	A9	B9	D2295	8	9	31-35-11
ACARS DATA OUT	D1769A	J9	K9	D447B	J7	K7	31-35-11

DIGITAL BUSES							
INPUT SOURCE				DMU DESTINATION			
DATA	CONNECTOR	PIN		CONNECTOR	PIN		REF. W/D
		A	B		A	B	
ADF PANEL-L	D1629	12	13	D1769A	J8	K8	31-35-13
ADF PANEL-R	D1631	12	13	D1769B	G8	H8	31-35-13
QAR	D1735A	K1	K2	D1769A	G8	H8	31-35-16
ACARS IN	D447B	G15	H15	D1769A	E12	F12	31-35-11

DIGITAL BUSES							
INPUT SOURCE			DMU DESTINATION				
DATA	CONNECTOR	PIN		CONNECTOR	PIN		REF. W/D
		A	B		A	B	
DFDAU	D327E	H5	H6	D1769B	C13	D13	31-35-11
DATA LOADER	D2295	1	2	D1769A	G13	H13	31-35-11
PRINTER	D2301	E	F	D1769B	A10	B10	31-35-11
MCDU-R	D467	27	28	D1769B	G11	H11	31-35-11
MCDU-L	D465	27	28	D1769A	G11	H11	31-35-11
CAPTAINS CLOCK	D103	5	6	D1769A	C12	D12	31-35-12
FMC-L "D" BUS	D323A	A11	B11	D1769A	C14	D14	31-35-12
IRU-L	D323A	A3	B3	D1769A	G14	H14	31-35-12
GPWC	D435B	C1	D1	D1769B	C12	D12	31-35-12
RA-L	D401B	G2	G3	D1769A	A15	B15	31-35-12
RA-R	D403B	G2	G3	D1769B	G13	H13	31-35-12
RA-C	D405B	G2	G3	D1769A	C10	D10	31-35-12
ILS-L	D429B	B11	C11	D1769A	E14	F14	31-35-12
ILS-R	D377B	B11	C11	D1769B	E14	F14	31-35-12
ILS-C	D417B	B11	C11	D1769B	J12	K12	31-35-12
DME-L	D333B	G3	H3	D1769B	A12	B12	31-35-12
DME-R	D361B	G3	H3	D1769B	E12	F12	31-35-12
FCC MCP-A	D475	26	27	D1769B	C10	D10	31-35-12
EEC-L CH A	D11786A	D1	D2	D1769A	A8	B8	31-35-12
EEC-L CH B	D11786B	D1	D2	D1769B	G12	H12	31-35-12
EEC-R CH A	D11788A	D1	D2	D1769B	A8	B8	31-35-12
EEC-R CH B	D11788B	D1	D2	D1769A	A14	B14	31-35-12
ADC-L	D423B	A8	B8	D1769A	A13	B13	31-35-12
ADC-R	D351B	A8	B8	D1769B	A13	B13	31-35-12
EFIS L OR C	D1644	2	6	D1769A	J10	K10	31-35-12
EICAS L OR R	D877	54	55	D1769A	J13	K13	31-35-12
TMC-L BUS	D427B	H6	G6	D1769A	J12	K12	31-35-12
FCC-L	D433B	D1	D2	D1769A	E13	F13	31-35-12
FUEL QUANTITY	D2706B	A8	B8	D1769A	A12	B12	31-35-12
FCC-R	D381B	D1	D2	D1769B	E13	F13	31-35-13
FCC-C	D421B	D1	D2	D1769A	G12	H12	31-35-13
FMC-L BUS C	D323B	D7	E7	D1769A	J14	K14	31-35-13
FMC-R BUS D	D353A	A11	B11	D1769B	C14	D14	31-35-13
FMC-R BUS B	D353A	G9	H9	D1769B	J14	K14	31-35-13
IRU-R	D371B	C10	C11	D1769B	G14	H14	31-35-13
IRU-C	D369B	C10	C11	D1769A	A10	B10	31-35-13
VOR-L	D329B	B13	C13	D1769A	C8	D8	31-35-13
VOR-R	D357B	B13	C13	D1769B	C8	D8	31-35-13

152-154

**AIRCRAFT INTEGRATED DATA  
SYSTEM SIMPLIFIED**

Incorporates  
MTO-230607

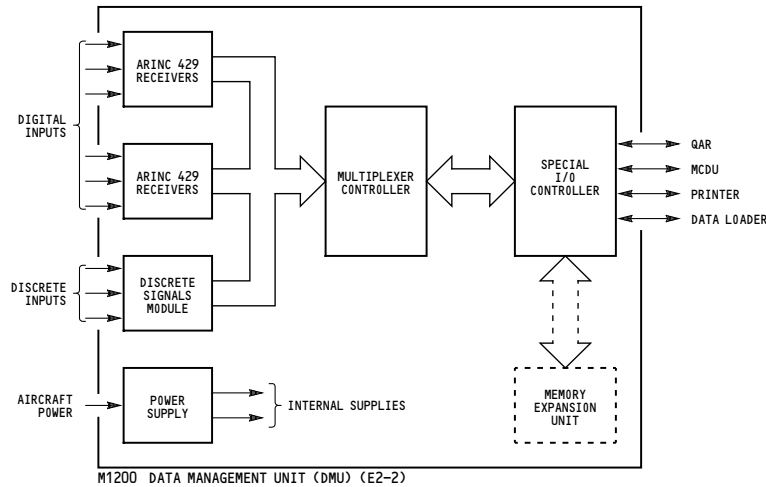
D280T232

**31-35-00**

Page 104A

Jan 21/2005

622



DMU POWER REQUIREMENTS - REF. W/D 31-35-11			
SIGNAL	CONNECTOR	PIN	SOURCE
115V AC (H)	D1769C	1	C569 ACMS-AC P11-2
115V AC (L)	D1769C	7	AIRPLANE GROUND
DIGITAL GROUND	D1769A	J15	AIRPLANE GROUND
ANALOG GROUND	D1769A	K15	AIRPLANE GROUND
DIGITAL GROUND	D1769B	J15	AIRPLANE GROUND
CASE GROUND	D1769B	K15	AIRPLANE GROUND
DISCRETES GROUND	D1769A	G2	AIRPLANE GROUND

DISCRETE LINES					
INPUT SOURCE			DMU DESTINATION		
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D
QAR STATUS	D1735A	D5	D1769B	J4	31-35-16
QAR TAPE LOW	D1735A	G5	D1769B	K4	31-35-16
DATA LDR ENABLE	D2579	16	D1769A	A3	31-35-11
AIR/GND RELAY	D3714	D2	D1769A	H2	31-35-11
767 PROGRAM PIN	GROUND	-	D1769A	H1	31-35-11
QAR INSTALLED	GROUND	-	D1769B	G1	31-35-11
PRINTER INSTALLED	GROUND	-	D1769B	H1	31-35-11

DIGITAL BUSES						
INPUT SOURCE			DMU DESTINATION			REF. W/D
DATA	CONNECTOR	PIN	CONNECTOR	PIN		
		A B		A B		
DFDAU	D327E	H5 H6	D1769B	C13 D13		31-35-11
DATA LOADER	D2579	10 9	D1769A	G13 H13		31-35-11
PRINTER	D2301	E F	D1769B	A10 B10		31-35-11
MCDU-R	D467	27 28	D1769B	G11 H11		31-35-11
MCDU-L	D465	27 28	D1769A	G11 H11		31-35-11
CAPTAINS CLOCK	D103	5 6	D1769A	C12 D12		31-35-12
FMC-L "D" BUS	D323A	A11 B11	D1769A	C14 D14		31-35-12
IRU-L	D323A	A3 B3	D1769A	G14 H14		31-35-12
GPWC	D435B	C1 D1	D1769B	C12 D12		31-35-12
RA-L	D401B	G2 G3	D1769A	A15 B15		31-35-12
RA-R	D403B	G2 G3	D1769B	G13 H13		31-35-12
RA-C	D405B	G2 G3	D1769A	C10 D10		31-35-12
ILS-L	D429B	B11 C11	D1769A	E14 F14		31-35-12
ILS-R	D377B	B11 C11	D1769B	E14 F14		31-35-12
ILS-C	D417B	B11 C11	D1769B	J12 K12		31-35-12
DME-L	D333B	G3 H3	D1769B	A12 B12		31-35-12
DME-R	D361B	G3 H3	D1769B	E12 F12		31-35-12
FCC MCP-A	D475	26 27	D1769B	C10 D10		31-35-12
ACARS IN	D447B	G15 H15	D1769A	E12 F12		31-35-11

DIGITAL BUSES						
INPUT SOURCE			DMU DESTINATION			REF. W/D
DATA	CONNECTOR	PIN	CONNECTOR	PIN		
		A B		A B		
EEC-L CH A	D11786A	D1 D2	D1769A	A8 B8		31-35-12
EEC-L CH B	D11786B	D1 D2	D1769B	G12 H12		31-35-12
EEC-R CH A	D11788A	D1 D2	D1769B	A8 B8		31-35-12
EEC-R CH B	D11788B	D1 D2	D1769A	A14 B14		31-35-12
ADC-L	D423B	A8 B8	D1769A	A13 B13		31-35-12
ADC-R	D351B	A8 B8	D1769B	A13 B13		31-35-12
EFIS L OR C	D1644	2 6	D1769A	J10 K10		31-35-12
EICAS L OR R	D877	54 55	D1769A	J13 K13		31-35-12
TMC-L BUS	D427B	H6 G6	D1769A	J12 K12		31-35-12
FCC-L	D433B	D1 D2	D1769A	E13 F13		31-35-12
FUEL QUANTITY	D2706B	A8 B8	D1769A	A12 B12		31-35-12
FCC-R	D381B	D1 D2	D1769B	E13 F13		31-35-13
FCC-C	D421B	D1 D2	D1769A	G12 H12		31-35-13
FMC-L BUS C	D323B	D7 E7	D1769A	J14 K14		31-35-13
FMC-R BUS D	D353A	A11 B11	D1769B	C14 D14		31-35-13
FMC-R BUS B	D353A	G9 H9	D1769B	J14 K14		31-35-13
IRU-R	D371B	C10 C11	D1769B	G14 H14		31-35-13
IRU-C	D369B	C10 C11	D1769A	A10 B10		31-35-13
VOR-L	D329B	B13 C13	D1769A	C8 D8		31-35-13
VOR-R	D357B	B13 C13	D1769B	C8 D8		31-35-13
ADF PANEL-L	D1629	12 13	D1769A	J8 K8		31-35-13
ADF PANEL-R	D1631	12 13	D1769B	G8 H8		31-35-13
QAR	D1735A	K1 K2	D1769B	A4 B4		31-35-16
SCU-L	W2P33	F X	D1769A	E10 F10		31-35-14
SCU-R	W2P33	F X	D1769B	E10 F10		31-35-15

DIGITAL BUSES						
DMU OUTPUT			DESTINATION			REF. W/D
DATA	CONNECTOR	PIN	CONNECTOR	PIN		
		A B		A B		
MCDU-R	D1769A	G9 H9	D467	24 25		31-35-11
MCDU-L	D1769A	G9 H9	D465	24 25		31-35-11
PRINTER	D1769B	E15 F15	D1729	C D		31-35-11
QAR	D1769A	C9 D9	D1735A	A1 A2		31-35-16
QAR FRAME SYNC	D1769B	C4 D4	D1735A	D1 D2		31-35-16
QAR CONTROL	D1769B	E4 F4	D1735A	G1 G2		31-35-16
DATA LOADER	D1769A	A9 B9	D2579	3 14		31-35-11
ACARS DATA OUT	D1769A	J9 K9	D447B	J7 K7		31-35-11

155-167

**AIRCRAFT INTEGRATED DATA  
SYSTEM SIMPLIFIED**

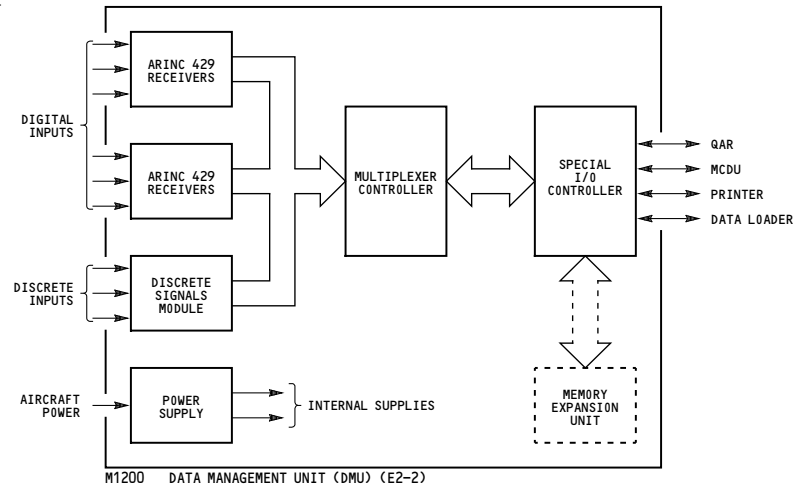
Incorporates  
MTO-230607

D280T232

**31-35-00**

Page 105A

Jan 21/2005



DMU POWER REQUIREMENTS - REF. W/D 31-35-11			
SIGNAL	CONNECTOR	PIN	SOURCE
115V AC (H)	D1769C	1	C569 ACMS-AC P11-2
115V AC (L)	D1769C	7	AIRPLANE GROUND
DIGITAL GROUND	D1769A	J15	AIRPLANE GROUND
ANALOG GROUND	D1769A	K15	AIRPLANE GROUND
DIGITAL GROUND	D1769B	J15	AIRPLANE GROUND
CASE GROUND	D1769B	K15	AIRPLANE GROUND
DISCRETES GROUND	D1769A	G2	AIRPLANE GROUND

DISCRETE LINES					
INPUT SOURCE			DMU DESTINATION		
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D
QAR STATUS	D1735A	D5	D1769B	J4	31-35-16
QAR TAPE LOW	D1735A	G5	D1769B	K4	31-35-16
DATA LDR ENABLE	D4707	28	D1769A	A3	31-35-11
AIR/GND RELAY	D3714	D2	D1769A	H2	31-35-11
767 PROG PIN	S GROUND		D1769A	H1	31-35-11
QAR INSTALLED	S GROUND		D1769B	G1	31-35-17
PRINTER INSTD.	S GROUND		D1769B	H1	31-35-17

DIGITAL BUSES						
DMU OUTPUT			DESTINATION			
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF W/D	
		A B		A B		
MCDU-R	D1769A	G9 H9	D467	24 25	31-35-11	
MCDU-L	D1769A	G9 H9	D465	24 25	31-35-11	
PRINTER	D1769B	E15 F15	D1729	C D	31-35-11	
QAR (PROVS)	D1769A	C9 D9	D1735A	A1 A2	31-35-16	
QAR FRAME SYNC	D1769B	C4 D4	D1735A	D1 D2	31-35-16	
QAR CONTROL	D1769B	E4 F4	D1735A	G1 G2	31-35-16	
DATA LOADER	D1769A	A9 B9	D4707	51 52	31-35-11	
DFDAU	D327E	H5 H6	D1769B	C13 D13	31-35-11	
DATA LOADER	D4707	42 43	D1769A	G13 H13	31-35-11	

## NOTES:

1 QAR (PROVISIONS ONLY)

## 767-200/300 SYSTEM SCHEMATIC MANUAL

DIGITAL BUSES						
INPUT SOURCE			DMU DESTINATION			
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D	
		A B		A B		
PRINTER	D2301	E F	D1769B	A10 B10	31-35-11	
MCDU-R	D467	27 28	D1769B	G11 H11	31-35-11	
MCDU-L	D465	27 28	D1769A	G11 H11	31-35-11	
CAPTAINS CLOCK	D103	5 6	D1769A	C12 D12	31-35-12	
FMC-L "D" BUS	D323A	A11 B11	D1769A	C14 D14	31-35-12	
IRU-L	D323A	A3 B3	D1769A	G14 H14	31-35-12	
GPWC	D435B	C1 D1	D1769B	C12 D12	31-35-12	
RA-L	D401B	G2 G3	D1769A	A15 B15	31-35-12	
RA-R	D403B	G2 G3	D1769B	G13 H13	31-35-12	
RA-C	D405B	G2 G3	D1769A	C10 D10	31-35-12	
ILS-L	D429B	B11 C11	D1769A	E14 F14	31-35-12	
ILS-R	D377B	B11 C11	D1769B	E14 F14	31-35-12	
ILS-C	D417B	B11 C11	D1769B	J12 K12	31-35-12	
DME-L	D333B	G3 H3	D1769B	A12 B12	31-35-12	
DME-R	D361B	G3 H3	D1769B	E12 F12	31-35-12	
FCC MCP-A	D475	26 27	D1769B	C10 D10	31-35-12	
EEC-L CH A	D11786A	D1 D2	D1769A	A8 B8	31-35-12	
EEC-L CH B	D11786B	D1 D2	D1769B	G12 H12	31-35-12	
EEC-R CH A	D11788A	D1 D2	D1769B	A8 B8	31-35-12	
EEC-R CH B	D11788B	D1 D2	D1769A	A14 B14	31-35-12	
ADC-L	D423B	A8 B8	D1769A	A13 B13	31-35-12	
ADC-R	D351B	A8 B8	D1769B	A13 B13	31-35-12	
EFIS L OR C	D1644	2 6	D1769A	J10 K10	31-35-12	
EICAS L OR R	D877	54 55	D1769A	J13 K13	31-35-12	
TMC-L BUS	D427B	H6 G6	D1769A	J12 K12	31-35-12	
FCC-L	D433B	D1 D2	D1769A	E13 F13	31-35-12	
FUEL QUANTITY	D2706B	A8 B8	D1769A	A12 B12	31-35-12	
FCC-R	D381B	D1 D2	D1769B	E13 F13	31-35-13	
FCC-C	D421B	D1 D2	D1769A	G12 H12	31-35-13	
FMC-L BUS C	D323B	D7 E7	D1769A	J14 K14	31-35-13	
FMC-R BUS D	D353A	A11 B11	D1769B	C14 D14	31-35-13	
FMC-R BUS B	D353A	G9 H9	D1769B	J14 K14	31-35-13	
IRU-R	D371B	C10 C11	D1769B	G14 H14	31-35-13	
IRU-C	D369B	C10 C11	D1769A	A10 B10	31-35-13	
VOR-L	D329B	B13 C13	D1769A	C8 D8	31-35-13	
VOR-R	D357B	B13 C13	D1769B	C8 D8	31-35-13	
ADF PANEL-L	D1629	12 13	D1769A	J8 K8	31-35-13	
ADF PANEL-R	D1631	12 13	D1769B	G8 H8	31-35-13	
QAR (PROVS)	D1735A	K1 K2	D1769B	A4 B4	31-35-16	
SCU-L	W2P33	F X	D1769A	E10 F10	31-35-14	
SCU-R	W2P33	F X	D1769B	E10 F10	31-35-15	

275-276

## AIRCRAFT INTEGRATED DATA SYSTEM SIMPLIFIED

Incorporates  
76-0026

D280T232

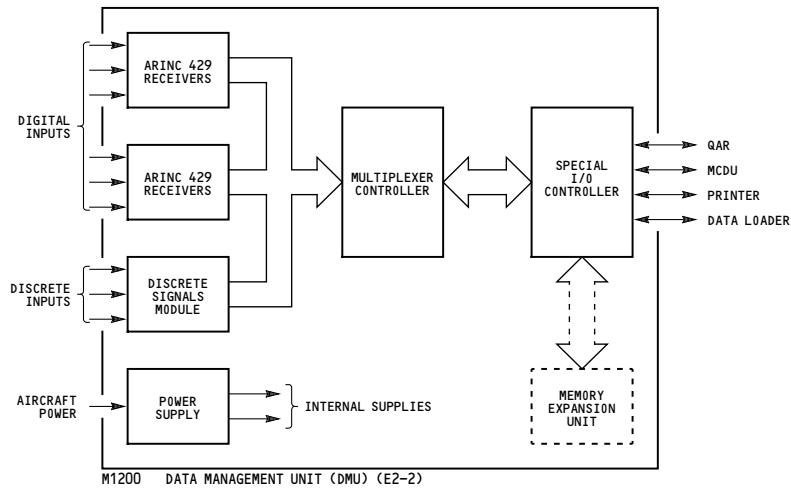
31-35-00

Page 106.1

Jan 21/2005



-A  
608



DMU POWER REQUIREMENTS - REF. W/D 31-35-11				
SIGNAL	CONNECTOR	PIN	SOURCE	
115V AC (H)	D1769C	1	C569 ACMS-AC P11-2	
115V AC (L)	D1769C	7	AIRPLANE GROUND	
DIGITAL GROUND	D1769A	J15	AIRPLANE GROUND	
ANALOG GROUND	D1769A	K15	AIRPLANE GROUND	
DIGITAL GROUND	D1769B	J15	AIRPLANE GROUND	
CASE GROUND	D1769B	K15	AIRPLANE GROUND	
DISCRETES GROUND	D1769A	G2	AIRPLANE GROUND	

DISCRETE LINES					
INPUT SOURCE			DMU DESTINATION		
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D
QAR STATUS	D1735A	D5	D1769B	J4	31-35-16
QAR TAPE LOW	D1735A	G5	D1769B	K4	31-35-16
DATA LDR ENABLE	D4707	28	D1769A	A3	31-35-11
AIR/GND RELAY	D3714	D2	D1769A	H2	31-35-11
767 PROG PIN	S GROUND		D1769A	H1	31-35-11
QAR INSTALLED	S GROUND		D1769B	G1	31-35-17
PRINTER INSTD.	S GROUND		D1769B	H1	31-35-17

DIGITAL BUSES						
DMU OUTPUT			DESTINATION			
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D	
		A B		A B		
MCDU-R	D1769A	G9 H9	D467	24 25	31-35-11	
MCDU-L	D1769A	G9 H9	D465	24 25	31-35-11	
PRINTER	D1769B	E15 F15	D1729	C D	31-35-11	
QAR (PROVS)	D1769A	C9 D9	D1735A	A1 A2	31-35-16	
QAR FRAME SYNC	D1769B	C4 D4	D1735A	D1 D2	31-35-16	
QAR CONTROL	D1769B	E4 F4	D1735A	G1 G2	31-35-16	
DATA LOADER	D1769A	A9 B9	D4707	51 52	31-35-11	

NOTES:  
1 QAR (PROVISIONS ONLY)

## 767-200/300 SYSTEM SCHEMATIC MANUAL

DIGITAL BUSES							
INPUT SOURCE			DMU DESTINATION				
DATA	CONNECTOR	PIN	CONNECTOR	PIN	REF. W/D		
		A B		A B			
DFDAU	D327E	H5 H6	D1769B	C13 D13	31-35-11		
DATA LOADER	D4707	42 43	D1769A	G13 H13	31-35-11		
PRINTER	D2301	E F	D1769B	A10 B10	31-35-11		
MCDU-R	D467	27 28	D1769B	G11 H11	31-35-11		
MCDU-L	D465	27 28	D1769A	G11 H11	31-35-11		
CAPTAINS CLOCK	D103	5 6	D1769A	C12 D12	31-35-12		
FMC-L "D" BUS	D323A	A11 B11	D1769A	C14 D14	31-35-12		
IRU-L	D323A	A3 B3	D1769A	G14 H14	31-35-12		
GPWC	D435B	C1 D1	D1769B	C12 D12	31-35-12		
RA-L	D401B	G2 G3	D1769A	A15 B15	31-35-12		
RA-R	D403B	G2 G3	D1769B	G13 H13	31-35-12		
RA-C	D405B	G2 G3	D1769A	C10 D10	31-35-12		
ILS-L	D429B	B11 C11	D1769A	E14 F14	31-35-12		
ILS-R	D377B	B11 C11	D1769B	E14 F14	31-35-12		
ILS-C	D417B	B11 C11	D1769B	J12 K12	31-35-12		
DME-L	D333B	G3 H3	D1769B	A12 B12	31-35-12		
DME-R	D361B	G3 H3	D1769B	E12 F12	31-35-12		
FCC MCP-A	D475	26 27	D1769B	C10 D10	31-35-12		
EEC-L CH A	D11786A	D1 D2	D1769A	A8 B8	31-35-12		
EEC-L CH B	D11786B	D1 D2	D1769B	G12 H12	31-35-12		
EEC-R CH A	D11788A	D1 D2	D1769B	A8 B8	31-35-12		
EEC-R CH B	D11788B	D1 D2	D1769A	A14 B14	31-35-12		
ADC-L	D423B	A8 B8	D1769A	A13 B13	31-35-12		
ADC-R	D351B	A8 B8	D1769B	A13 B13	31-35-12		
EFIS L OR C	D1644	2 6	D1769A	J10 K10	31-35-12		
EICAS L OR R	D877	54 55	D1769A	J13 K13	31-35-12		
TMC-L BUS	D427B	H6 G6	D1769A	J12 K12	31-35-12		
FCC-L	D433B	D1 D2	D1769A	E13 F13	31-35-12		
FUEL QUANTITY	D2706B	A8 B8	D1769A	A12 B12	31-35-12		
FCC-R	D381B	D1 D2	D1769B	E13 F13	31-35-13		
FCC-C	D421B	D1 D2	D1769A	G12 H12	31-35-13		
FMC-L BUS C	D323B	D7 E7	D1769A	J14 K14	31-35-13		
FMC-R BUS D	D353A	A11 B11	D1769B	C14 D14	31-35-13		
FMC-R BUS B	D353A	G9 H9	D1769B	J14 K14	31-35-13		
IRU-R	D371B	C10 C11	D1769B	G14 H14	31-35-13		
IRU-C	D369B	C10 C11	D1769A	A10 B10	31-35-13		
VOR-L	D329B	B13 C13	D1769A	C8 D8	31-35-13		
VOR-R	D357B	B13 C13	D1769B	C8 D8	31-35-13		
ADF PANEL-L	D1629	12 13	D1769A	J8 K8	31-35-13		
ADF PANEL-R	D1631	12 13	D1769B	G8 H8	31-35-13		
QAR (PROVS)	D1735A	K1 K2	D1769B	A4 B4	31-35-16		

277-299

### AIRCRAFT INTEGRATED DATA SYSTEM SIMPLIFIED

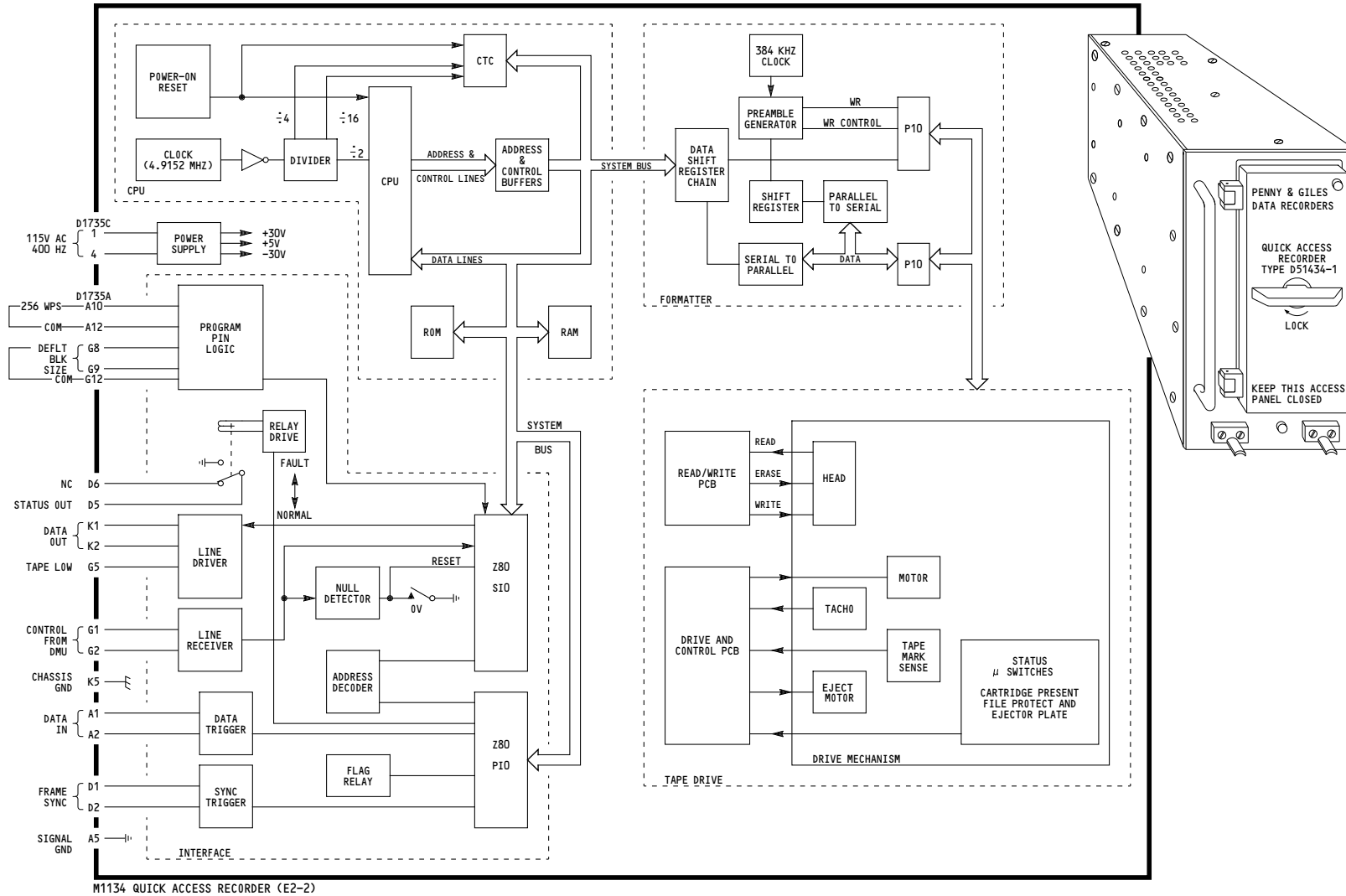
D280T232

31-35-00

Page 107

Jan 21/2005

614



ALL

**AIRPLANE CONDITION  
MONITORING SYSTEM**

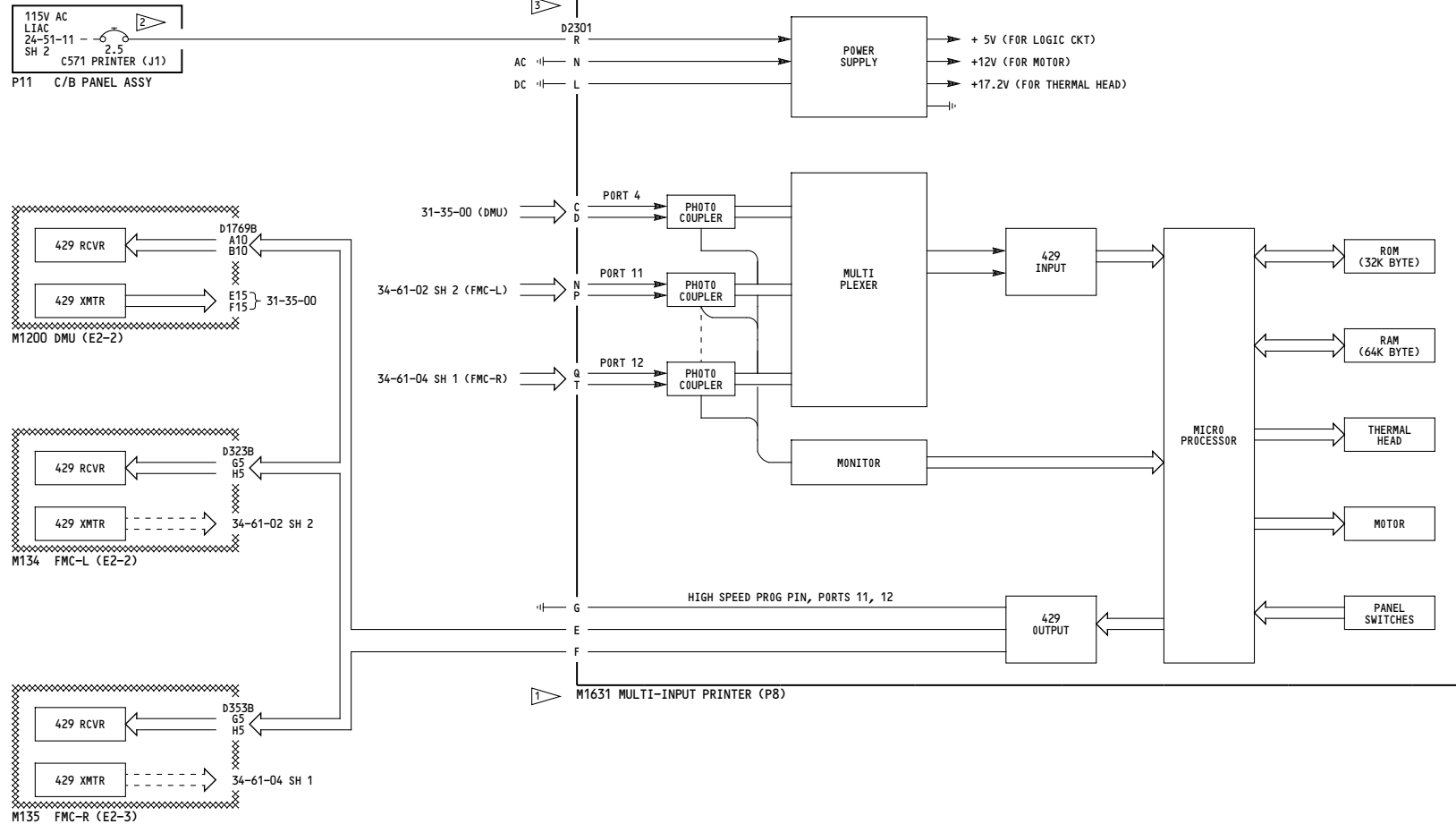
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**31-35-01**

Page 101

Jan 21/2005

-A  
608



- NOTES:
- 1 M1631 IS PROVISIONAL FOR VN151-VN155, VN221-VN221
  - 2 COLLAR AND LABEL INOP FOR VN151-VN155, VN221-VN221
  - 3 CONNECTOR CAPPED FOR VN151-VN155, VN221-VN221

050-099, 151, 275-278

**MULTI INPUT PRINTER**

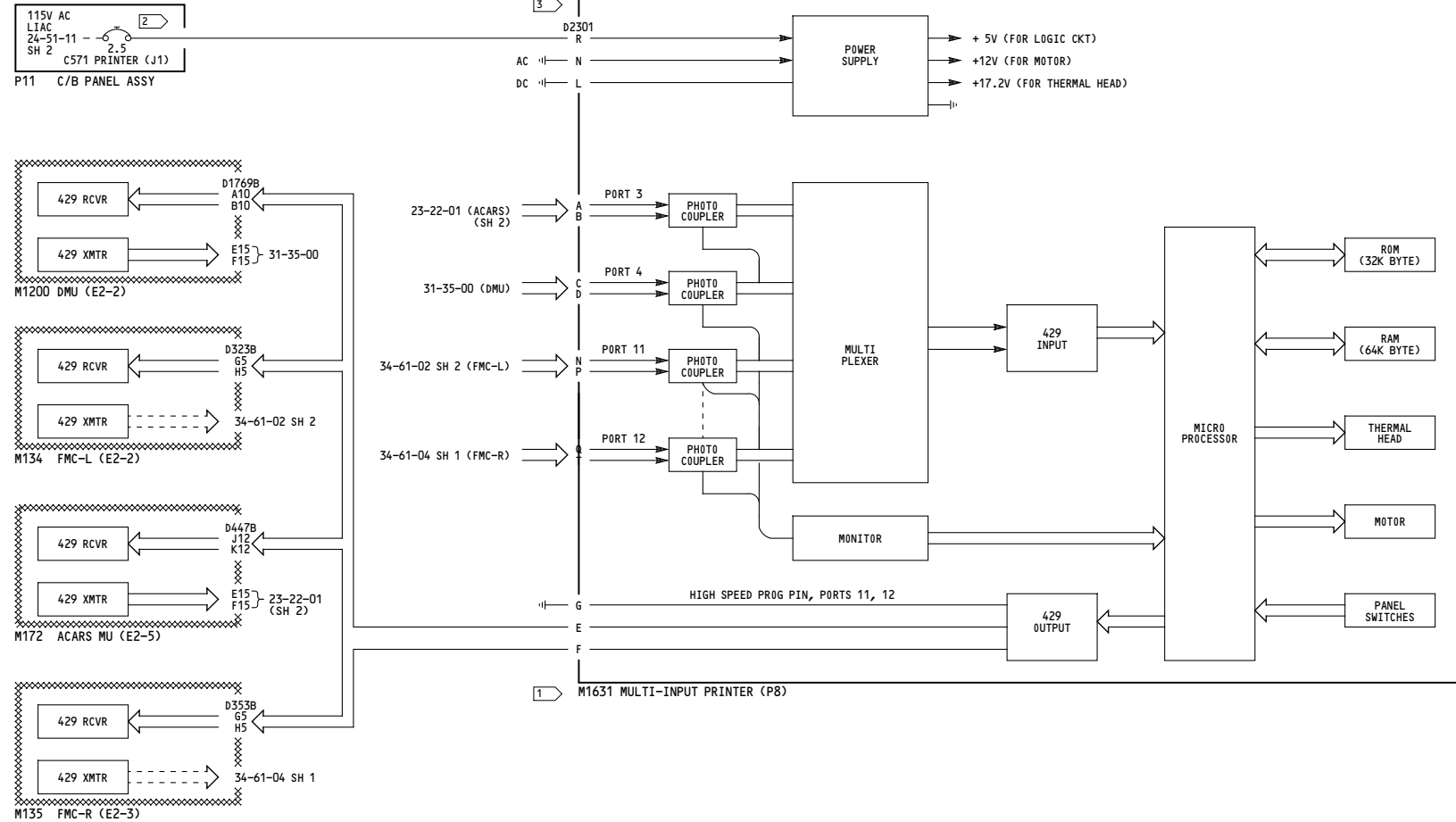
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**31-36-01**

Page 101

Jan 21/2005

-A  
637



- NOTES:
- 1 M1631 IS PROVISIONAL FOR VN151-VN155, VN221-VN221
  - 2 COLLAR AND LABEL INOP FOR VN151-VN155, VN221-VN221
  - 3 CONNECTOR CAPPED FOR VN151-VN155, VN221-VN221

150, 152-167

### MULTI INPUT PRINTER

**Incorporates**  
MTO-230607

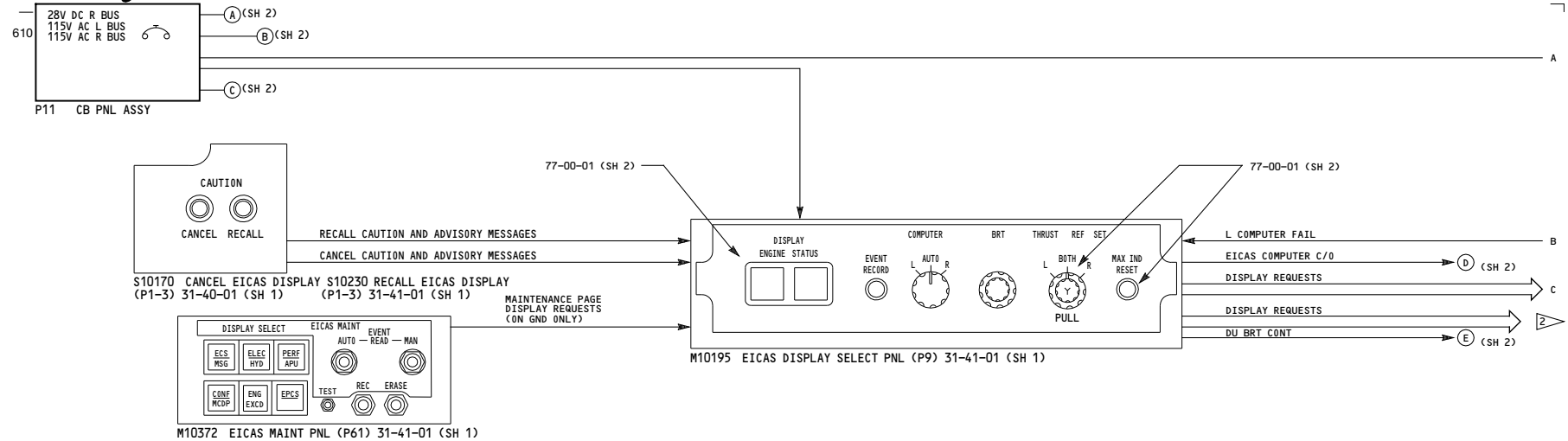
D280T232

**31-36-01**

Page 102A

Jan 21/2005





## NOTES:

- 1 LEFT SHOWN, RIGHT SIMILAR
- 2 TO/FROM RIGHT SYSTEM
- 3 FOR DETAILS OF LOGIC SEE APPROPRIATE SYSTEM

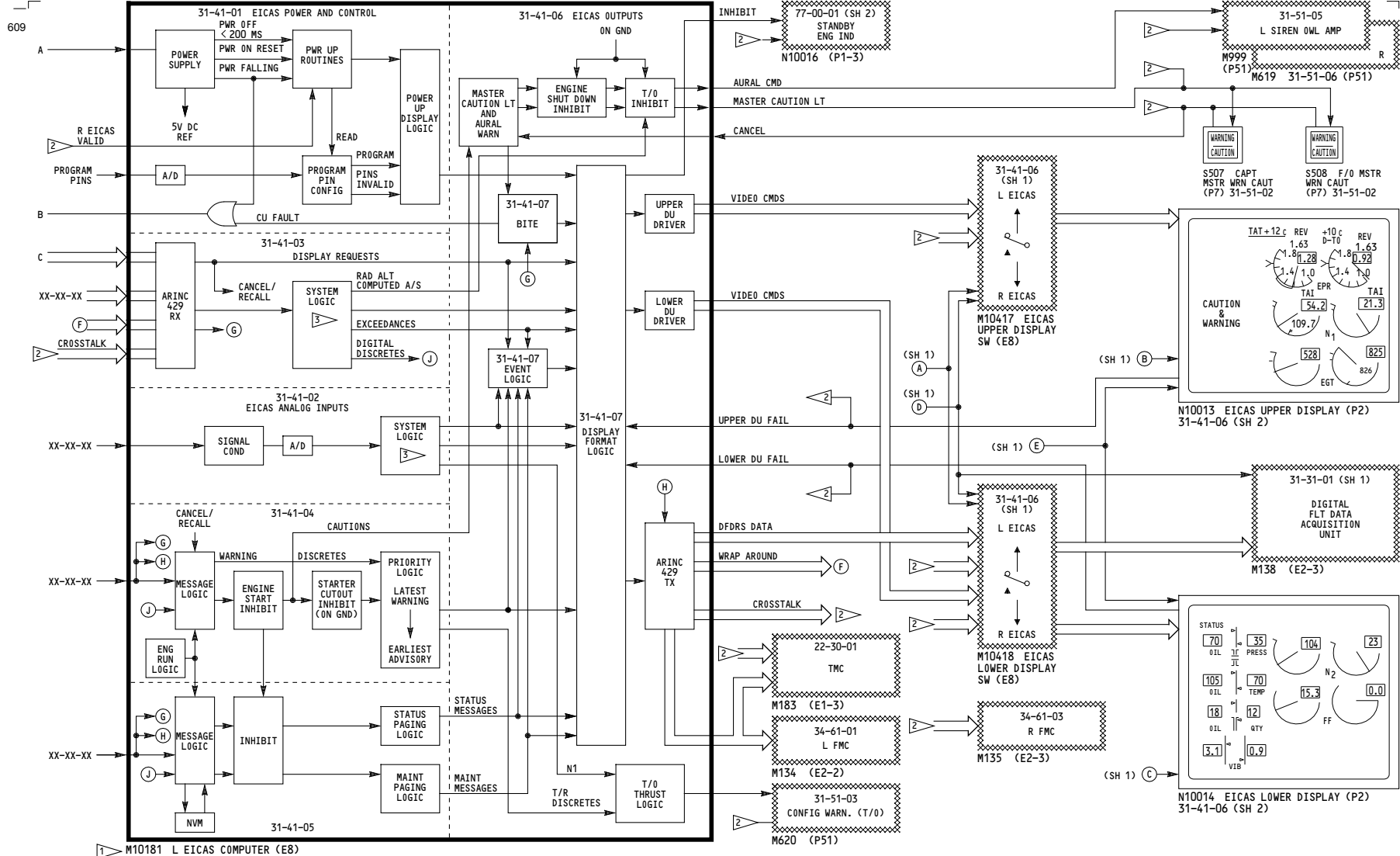
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**ENGINE INDICATION & CREW  
ALERTING SYSTEM COMPUTER**

D280T232

**31-40-01**

Page 101  
Sheet 1  
Jan 21/2005



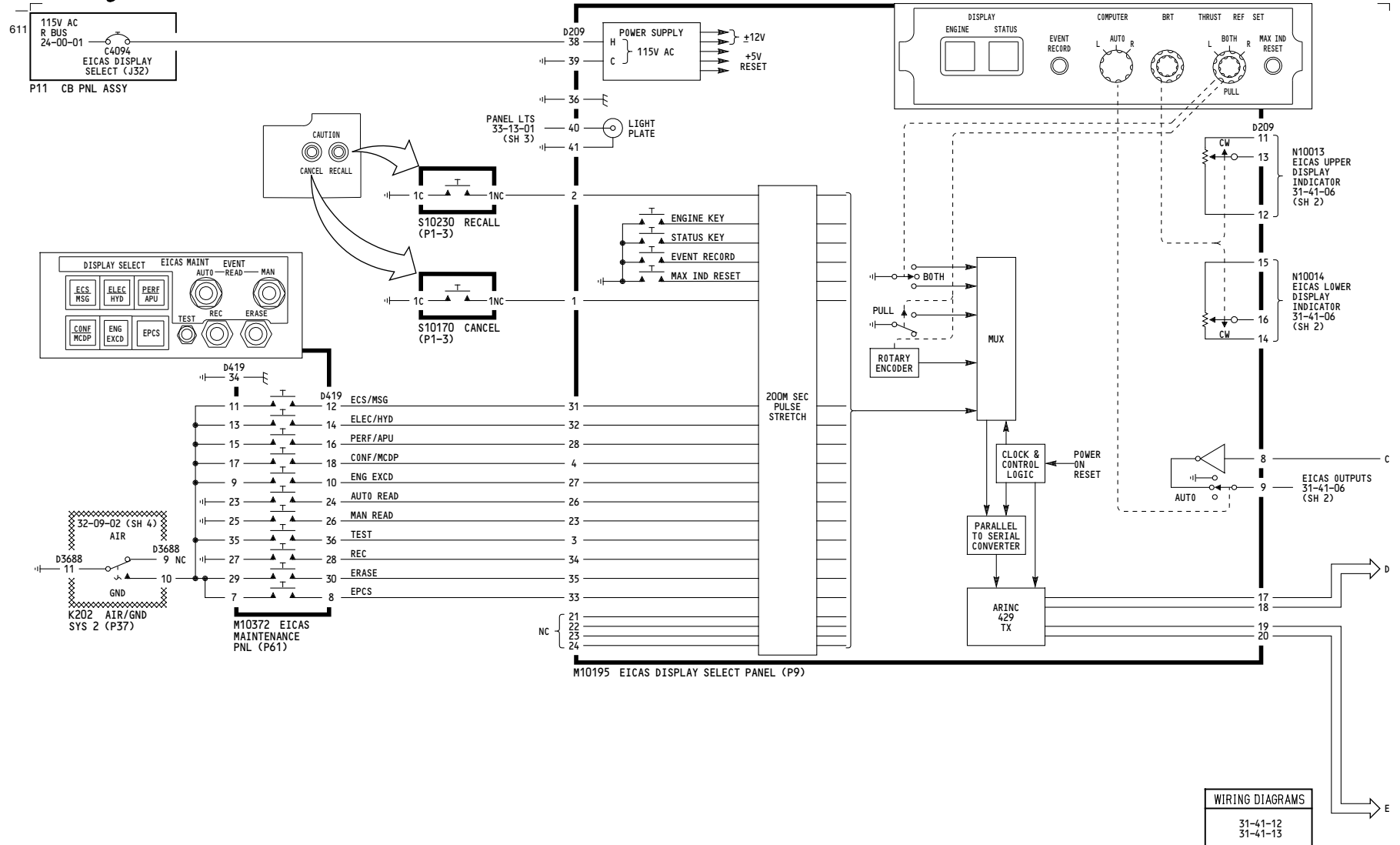
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## ENGINE INDICATION & CREW ALERTING SYSTEM COMPUTER

D280T232

# 31-40-01

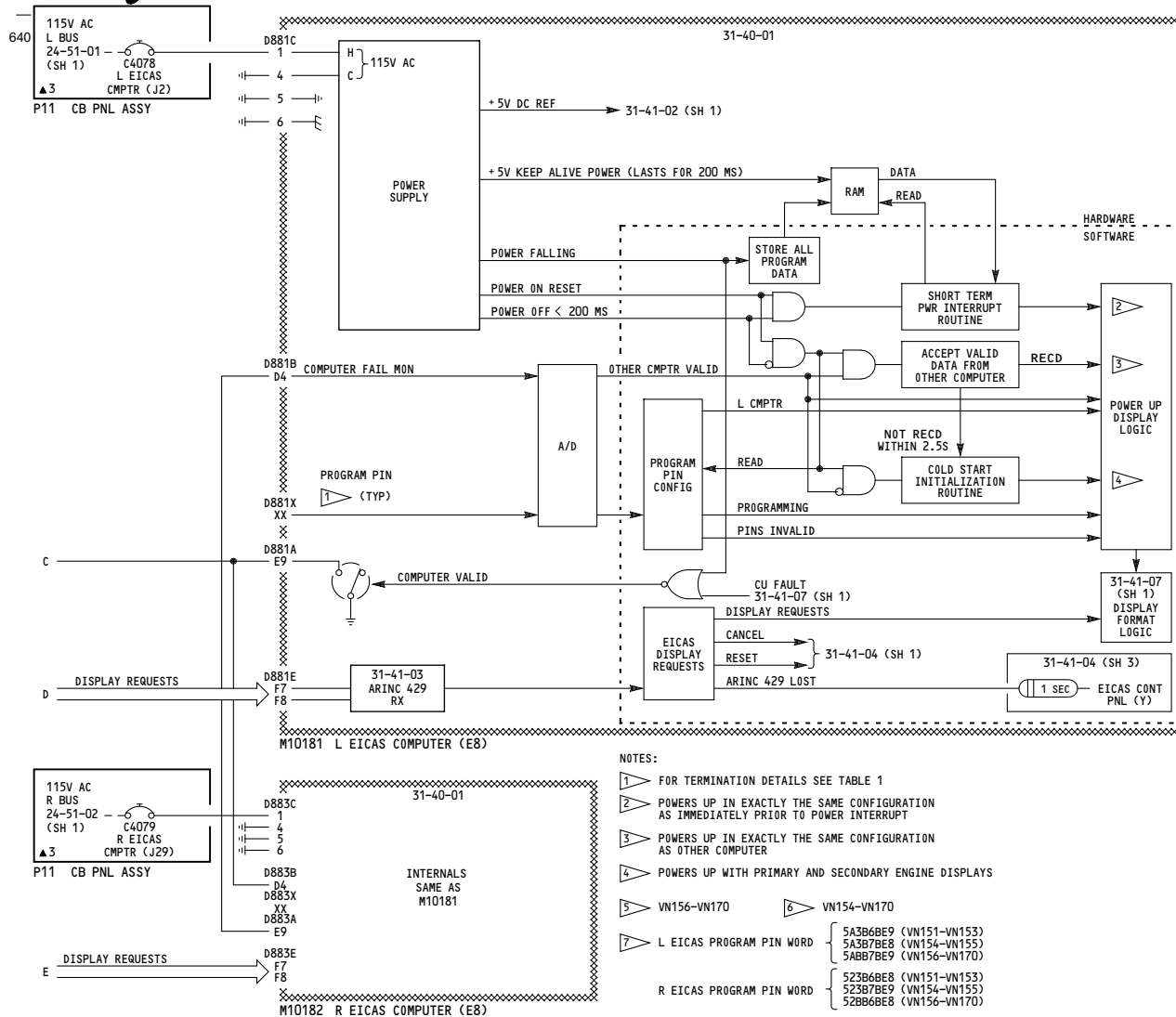
Page 101  
Sheet 2  
Jan 21/2005



050-099	ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL
	D280T232

**31-41-01**

Page 101  
Sheet 1  
Jan 21/2005



WIRING DIAGRAMS	
31-41-11	
31-41-12	
31-41-13	
31-41-15	
31-41-17	

TABLE 1 EICAS PROGRAM PINS

PIN NO.	PROGRAM WHEN GROUND	D88X PIN	D881 GND	D883 GND	DISAGREE INPUT NO.
1	L ENG PW 4060	DE10	X	X	183
2		DE4	X		407
3		DE6			438
4	SIG CNSLD CARD	DE11	X	X	182
5	L INSTLN	DE3	X		406
6		BF11	X	X	264
7	R ENG PW 4060	BF7	X		201
8		BF2	X		41
9	TIRE PRESS.	BF10	X	X	265
10	FUEL FLOW FULL TIME	BF6			237
11	767 INSTLN	FB7	X	X	473
12	FWD CARGO TEMP	FD8	X	X	504
13	METRIC UNITS	BC9	X		208
14	ECS IN US UNITS	BC6	X		48
15	PRECOOL OUTLET TEMP	BD3	X	X	272
16	CERT AGENCY	BD11	X	X	432
17	FAA	BB6	X		176
18	MID CABIN ZONE	BE13	X	X	400
19	APU OIL QTY	EG1	X	X	28
20	AUX CABIN ZONES	DD8	X	X	252
21	ECS TEMP	AK1	X	X	130
22	BULK CARGO TEMP	AK9	X	X	354
23	HYD GEN	BK9	X	X	56
24	APU RPM STATUS	BK6	X	X	280
25	BRAKE TEMP	DK12	X	X	178
26	RAM OUTLET D00R	DJ12	X	X	402
27	HYD PRESS. STATUS	EK1	X	X	39
28	3 CREW INSTLN	EJ8	X		263
29	FUEL PRESS.	FJ5	X	X	102
30		FH5			326
31	PW 4060 ENG	EJ4			213
32	PARITY (0DD)	EJ1	X		53

L EICAS PROGRAM PIN WORD  
R EICAS PROGRAM PIN WORD

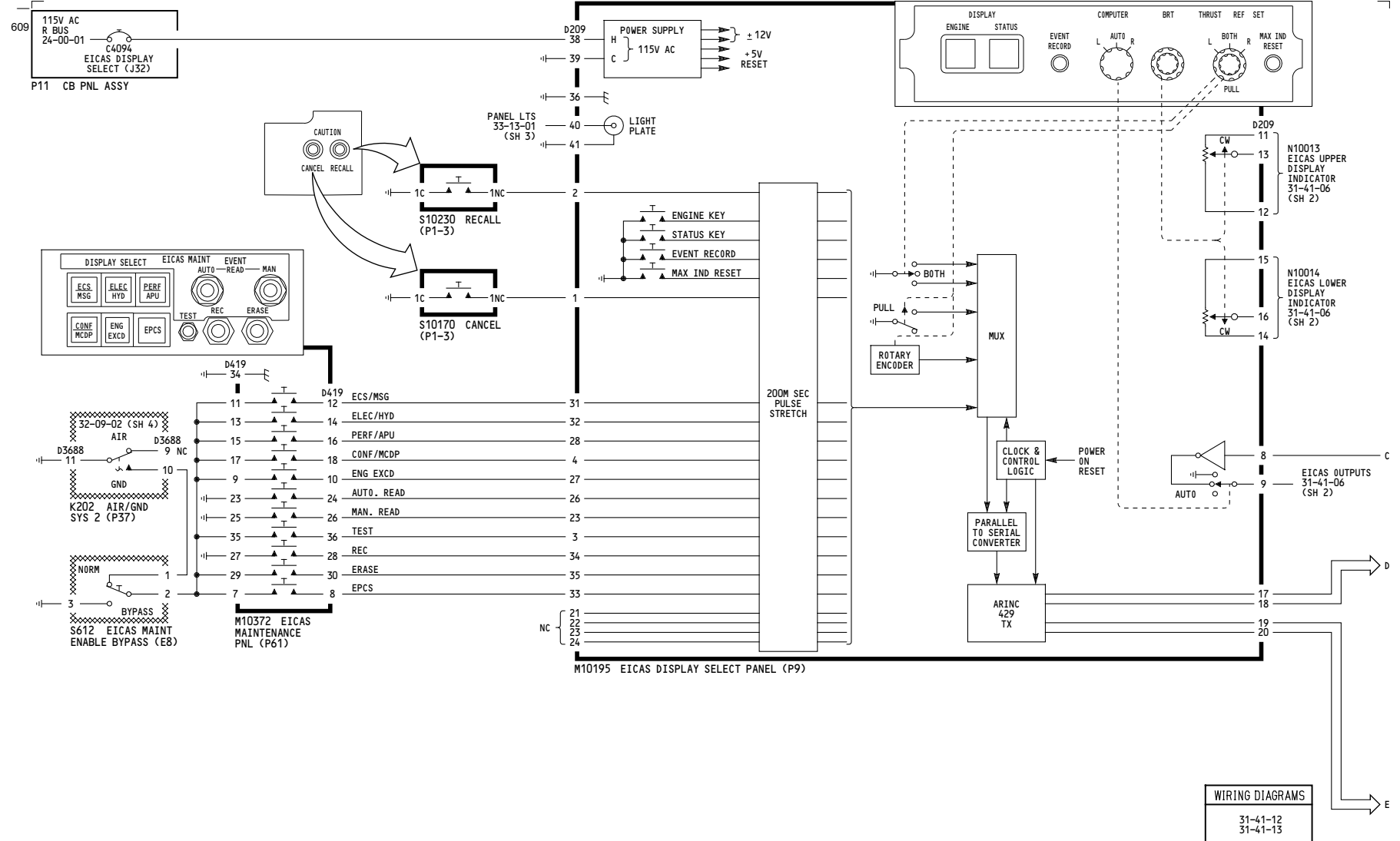
050-099

## ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL

D280T232

31-41-01

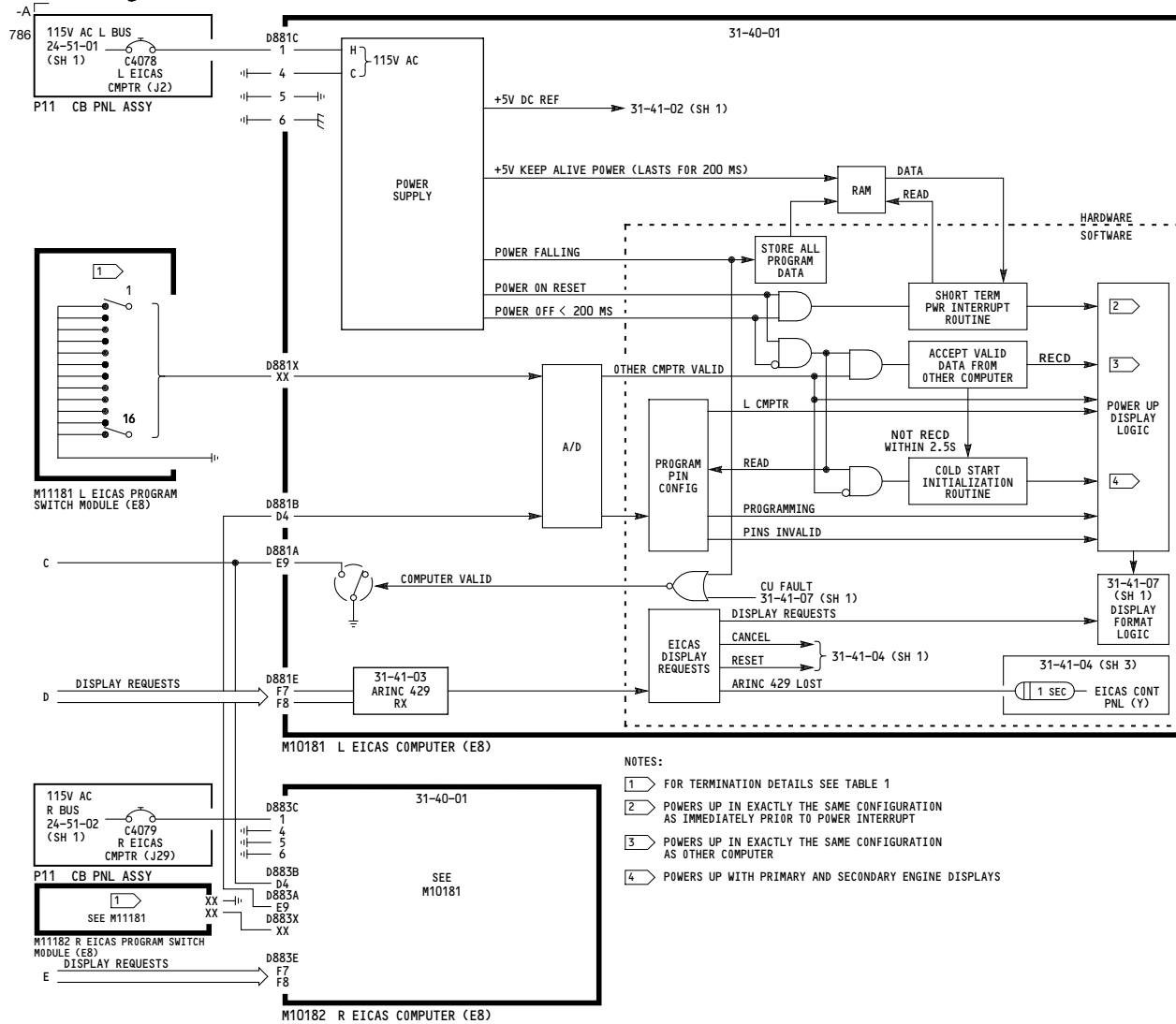
Page 101  
Sheet 2  
Jan 21/2005



150, 152-167	ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL
	D280T232

## 31-41-01

Page 102.1  
Sheet 1  
Jan 21/2005



150, 152-167

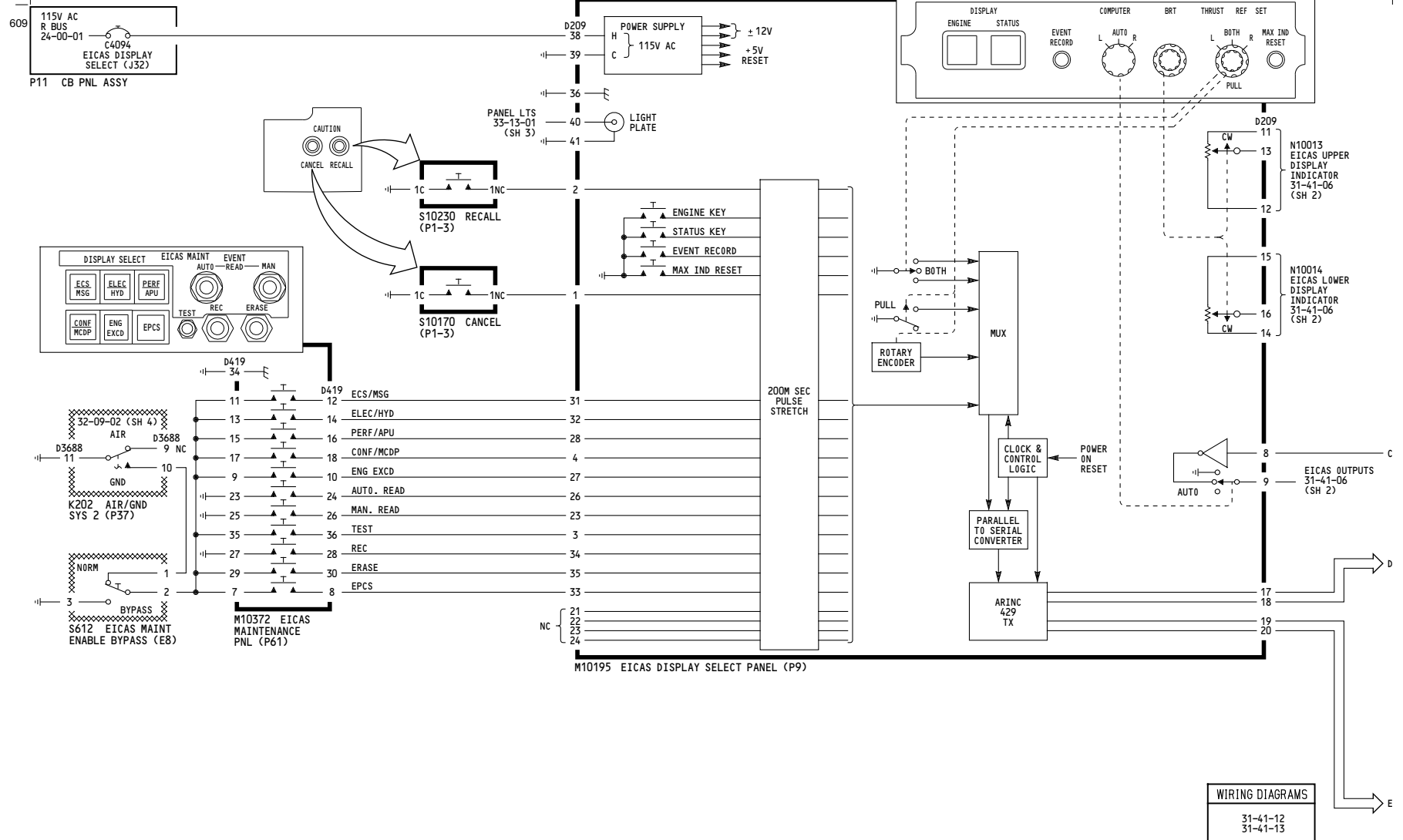
**ENGINE INDICATION & CREW  
ALERTING SYSTEM POWER AND  
CONTROL**

Incorporates  
31-0100 R02

D280T232

**31-41-01**

Page 102.1  
Sheet 2  
Jan 21/2005



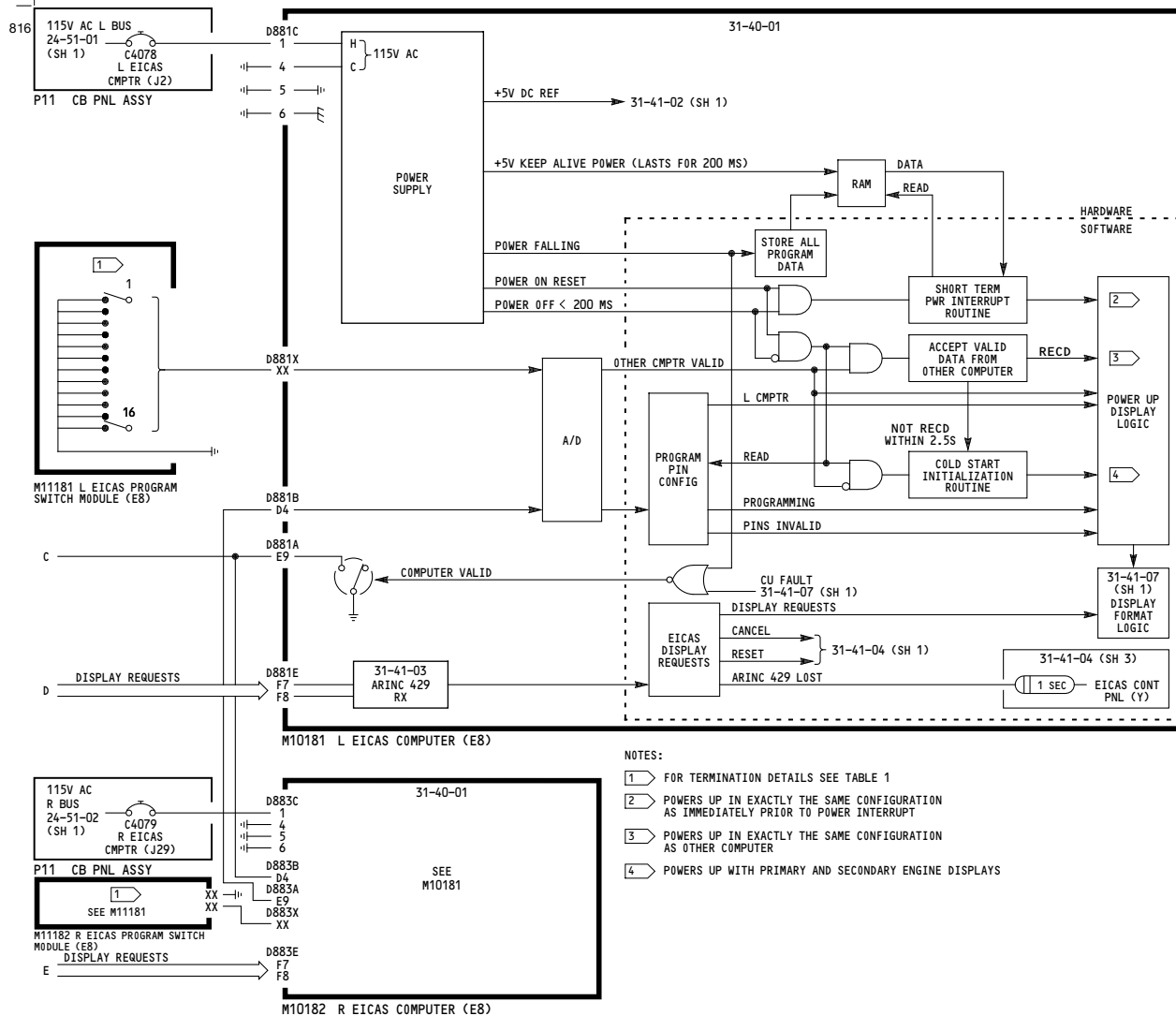
165, 167

## ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL

D280T232

**31-41-01**

Page 102.2  
Sheet 1  
May 20/2005



WIRING DIAGRAMS
31-41-11
31-41-12
31-41-13
31-41-36
31-41-37

TABLE 1 EICAS PROGRAM SWITCH SETTINGS

SW NO	PROGRAMMED BY PROGRAM SWITCH MODULE	D881 D883 PIN	SWITCH CONFIGURATION 1=ON/GND 0=OFF/OPEN		INPUT NO.
			LEFT	RIGHT	
1		E10	1	1	AD667
2	LEFT ENGINE MODEL	E4	1	1	AD668
3		E6	0	0	AD669
4	SCC INSTALLED	E11	1	1	AD670
5	CU INSTALLATION-LEFT/RIGHT	E3	1	0	AD671
6		F11	1	1	AD672
7	RIGHT ENGINE MODEL	F7	1	1	AD673
8		F2	0	0	AD674
9	FREIGHTER	F10	0	0	AD675
10	SPARE	F6	0	0	AD676
11	AIRFRAME TYPE-767/757	B7	1	1	AD712
12	SPARE	D8	0	0	AD713
13		C9	0	0	AD714
14	ENGINE TYPE	H5	0	0	AD751
15		J4	0	0	AD699
16	PARITY (ODD)	J1	0	1	AD700

L EICAS PROGRAM HEX CODE: DE20

R EICAS PROGRAM HEX CODE: D621

165, 167

## ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL

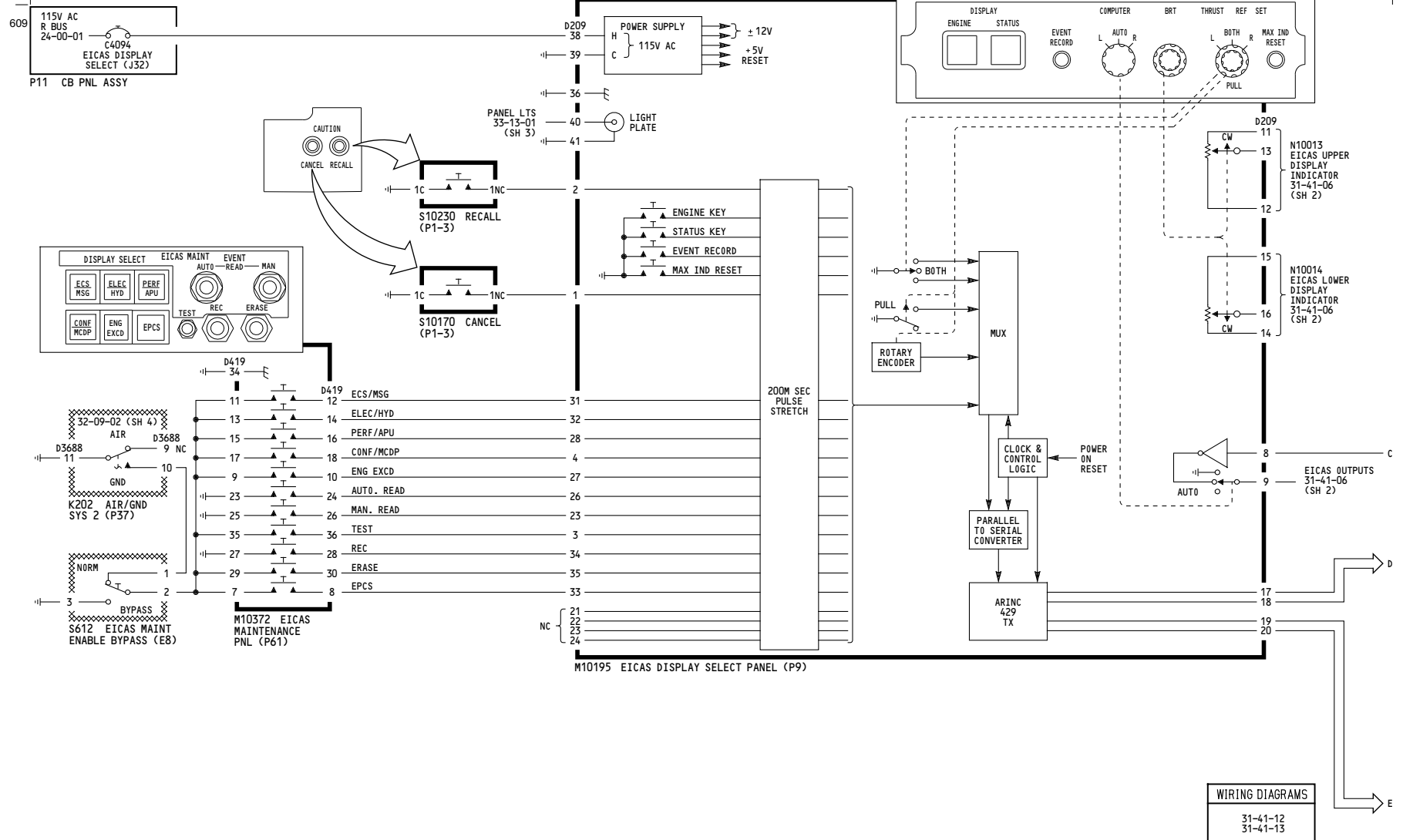
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Incorporates  
31-0100 R02  
71-0118

# 31-41-01

Page 102.2  
Sheet 2  
May 20/2005

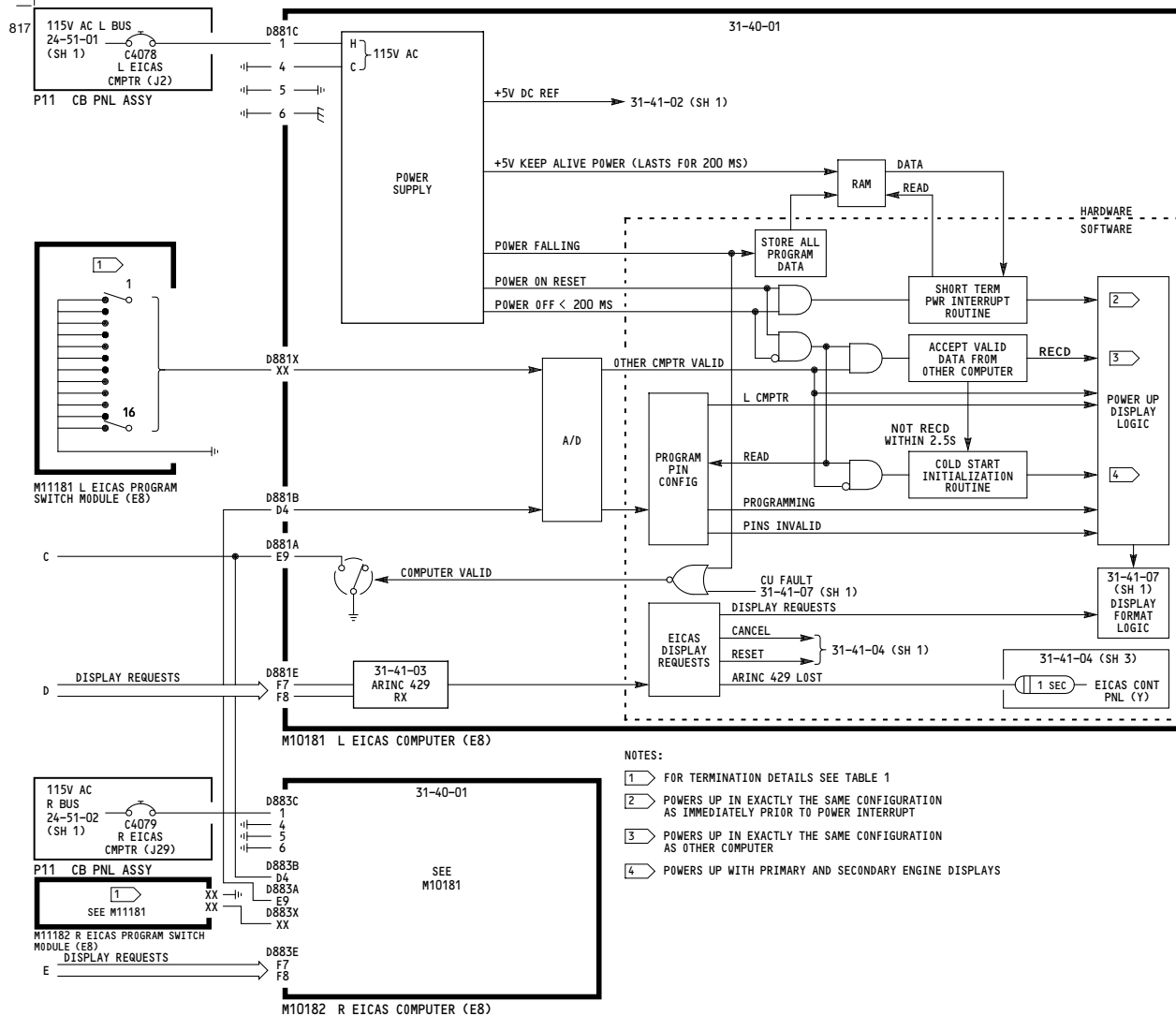




166	ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL
	D280T232

31-41-01

Page 102.3  
Sheet 1  
May 20/2005



WIRING DIAGRAMS
31-41-11
31-41-12
31-41-13
31-41-36
31-41-37

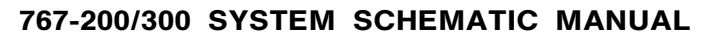
TABLE 1 EICAS PROGRAM SWITCH SETTINGS

SW NO	PROGRAMMED BY PROGRAM SWITCH MODULE	D881 D883 PIN	SWITCH CONFIGURATION 1=ON/GND 0=OFF/OPEN		INPUT NO.
			LEFT	RIGHT	
1		E10	1	1	AD667
2	LEFT ENGINE MODEL	E4	1	1	AD668
3		E6	0	0	AD669
4	SCC INSTALLED	E11	1	1	AD670
5	CU INSTALLATION-LEFT/RIGHT	E3	1	0	AD671
6		F11	1	1	AD672
7	RIGHT ENGINE MODEL	F7	1	1	AD673
8		F2	0	0	AD674
9	FREIGHTER	F10	0	0	AD675
10	SPARE	F6	0	0	AD676
11	AIRFRAME TYPE-767/757	B7	1	1	AD712
12	SPARE	D8	0	0	AD713
13		C9	0	0	AD714
14	ENGINE TYPE	H5	0	0	AD751
15		J4	0	0	AD699
16	PARITY (ODD)	J1	0	1	AD700

L EICAS PROGRAM HEX CODE: DE20

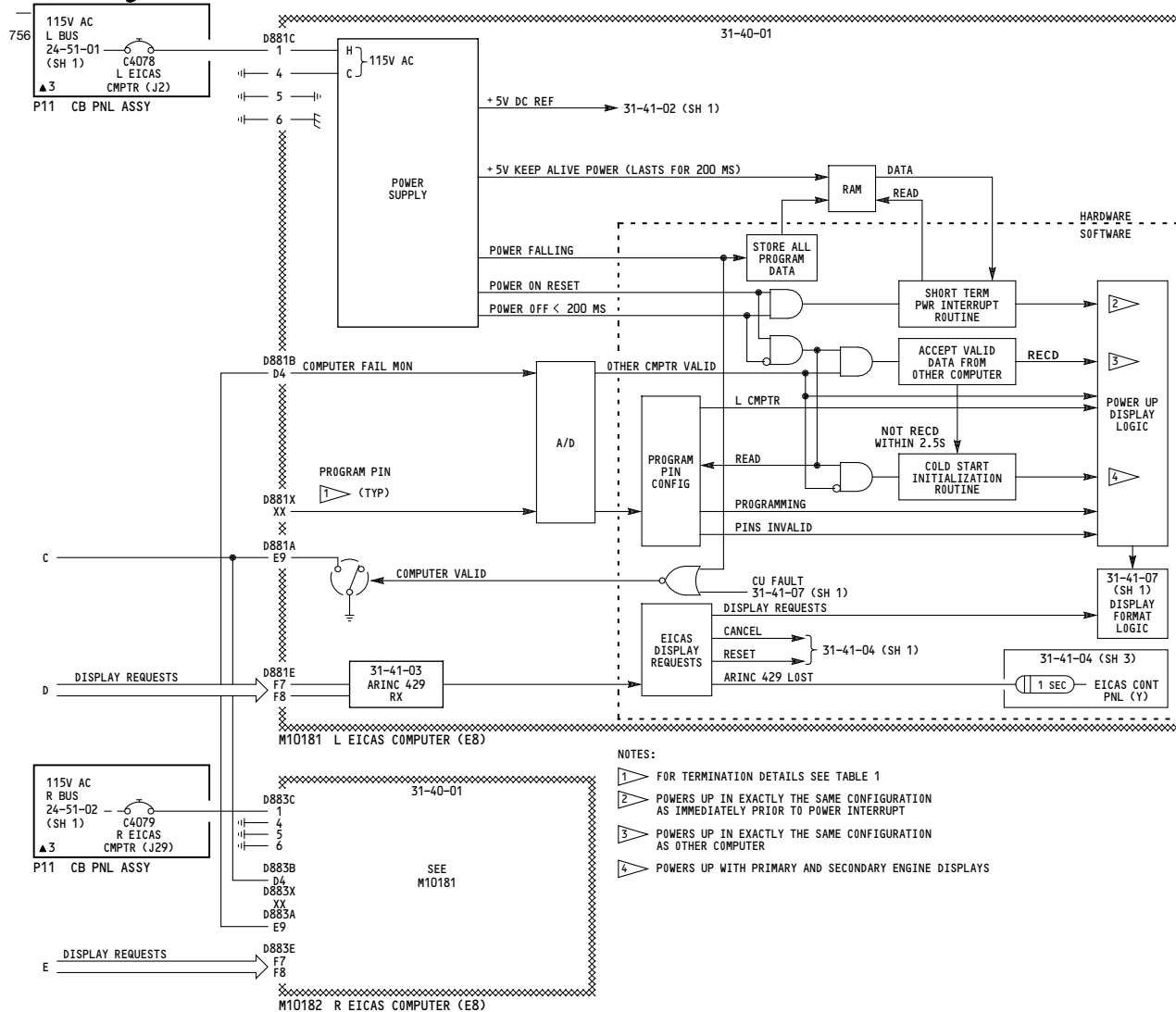
R EICAS PROGRAM HEX CODE: D621

- NOTES:
- FOR TERMINATION DETAILS SEE TABLE 1
  - POWERS UP IN EXACTLY THE SAME CONFIGURATION AS IMMEDIATELY PRIOR TO POWER INTERRUPT
  - POWERS UP IN EXACTLY THE SAME CONFIGURATION AS OTHER COMPUTER
  - POWERS UP WITH PRIMARY AND SECONDARY ENGINE DISPLAYS



## D280T232

Page 103A  
Sheet 1  
Jan 21/2005



151

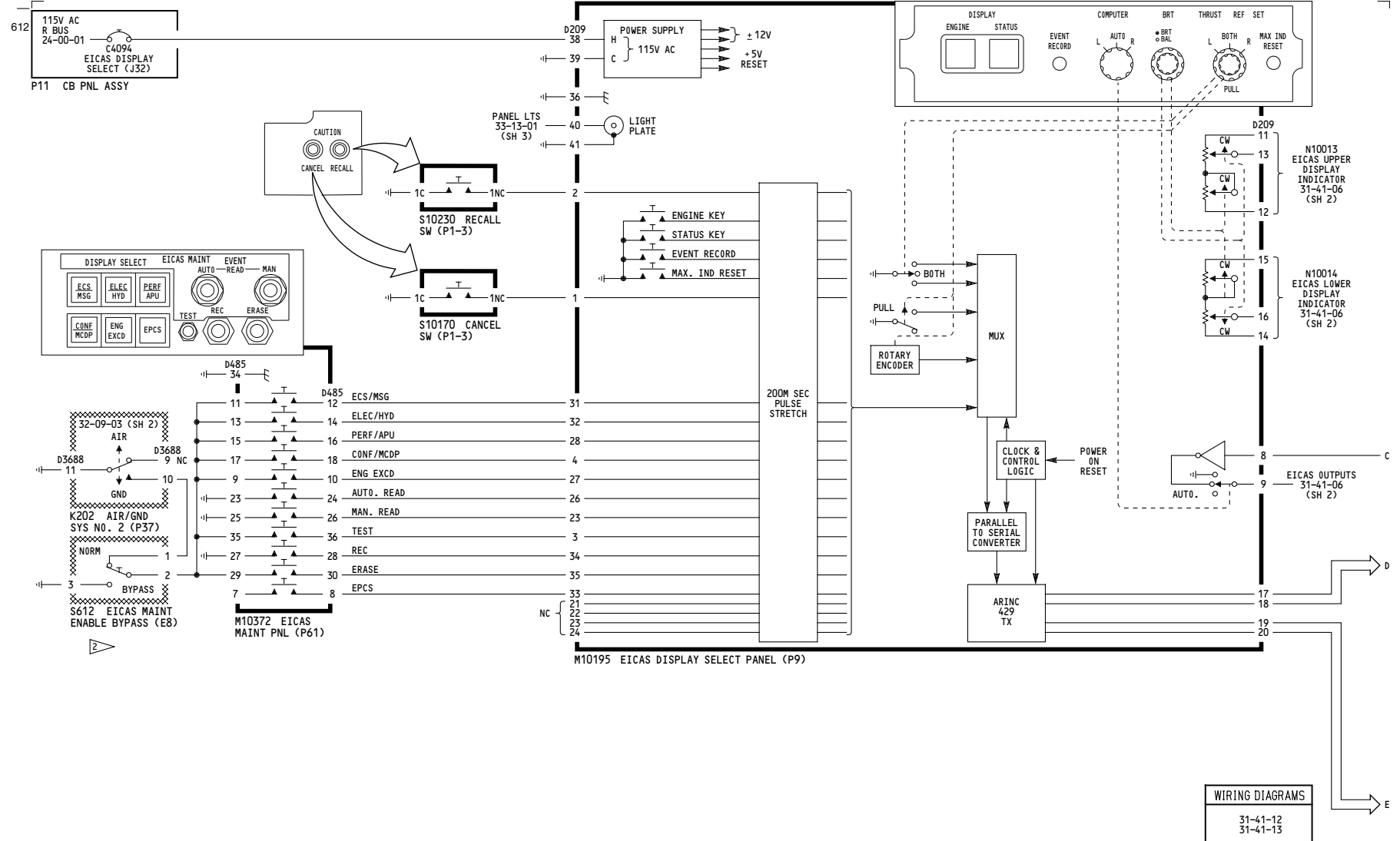
## ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL

Incorporates  
MTO 310197

D280T232

### 31-41-01

Page 103A  
Sheet 2  
Jan 21/2005



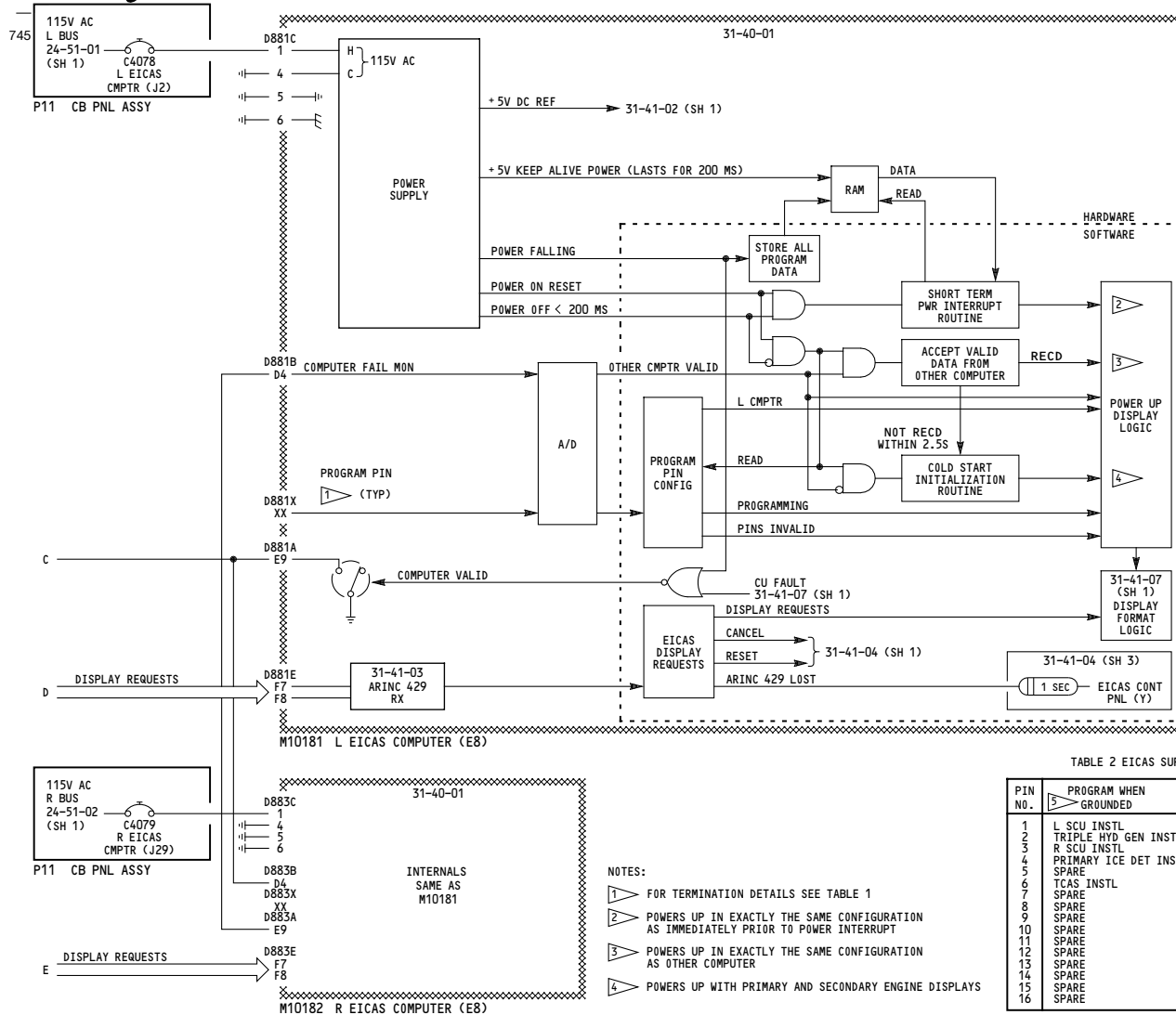
275-276

## ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL

D280T232

**31-41-01**

Page 104.1  
Sheet 1  
Jan 21/2005



WIRING DIAGRAMS
31-41-11
31-41-12
31-41-13
31-41-15
31-41-17

TABLE 1 EICAS PROGRAM PINS

PIN NO.	PROGRAM WHEN GROUND	D88X PIN	D881 GND	D883 GND	DISAGREE INPUT NO.
1	L ENG PW 4060	DE10	X	X	183
2	DE4				407
3	DE6				438
4	SCC INSTLN	DE11	X	X	182
5	L INSTLN	DE3	X		406
6	R ENG PW 4060	BF11	X	X	264
7	BF7				201
8	BF2				41
9	TIRE PRESS. FUEL FLOW FULL TIME	BF10			265
10	BF6				237
11	767 INSTLN	FB7	X	X	473
12	FWD CARGO TEMP	FD8	X	X	504
13	METRIC UNITS	BC9	X	X	208
14	ECS IN US UNITS	BC6			48
15	PRECOOL OUTLET TEMP	BD3	X	X	272
16	CERT AGENCY FAA	BD11	X	X	432
17	BB6				176
18	MID CABIN ZONE	BE13	X	X	400
19	APU OIL QTY	EG1	X	X	28
20	AUX CABIN ZONES	DD8	X	X	252
21	ECS TEMP	AK1	X	X	130
22	BULK CARGO TEMP	AK9	X	X	354
23	HYD GEN	BK9	X	X	56
24	APU RPM STATUS	BK6	X	X	280
25	BRAKE TEMP	DK12	X	X	178
26	RAM OUTLET D00R	DJ12	X	X	402
27	HYD PRESS. STATUS	EK1	X	X	39
28	3 CREW INSTLN	EJ8			263
29	FUEL PRESS.	FJ5	X	X	102
30	PW 4060 ENG	FH5			326
31	EJ4				213
32	PARITY (ODD)	EJ1	X		53

TABLE 2 EICAS SUPPL PROGRAM PINS

PIN NO.	PROGRAM WHEN GROUND	D88X PIN	D881 GND	D883 GND	DISAGREE INPUT NO.
1	L SCU INSTLN	FB4	X	X	329
2	TRIPLE HYD GEN INSTLN	FJ7	X	X	151
3	R SCU INSTLN	DK7	X	X	369
4	PRIMARY ICE DET INSTLN	DK7			404
5	SPARE				
6	TCAS INSTLN	FG6			334
7	SPARE				
8	SPARE				
9	SPARE				
10	SPARE				
11	SPARE				
12	SPARE				
13	SPARE				
14	SPARE				
15	SPARE				
16	SPARE				

SUPL PROG PIN WORK: A000

L EICAS PROGRAM PIN WORD 5A3B7BE8  
R EICAS PROGRAM PIN WORD 523B7BE9

275-276

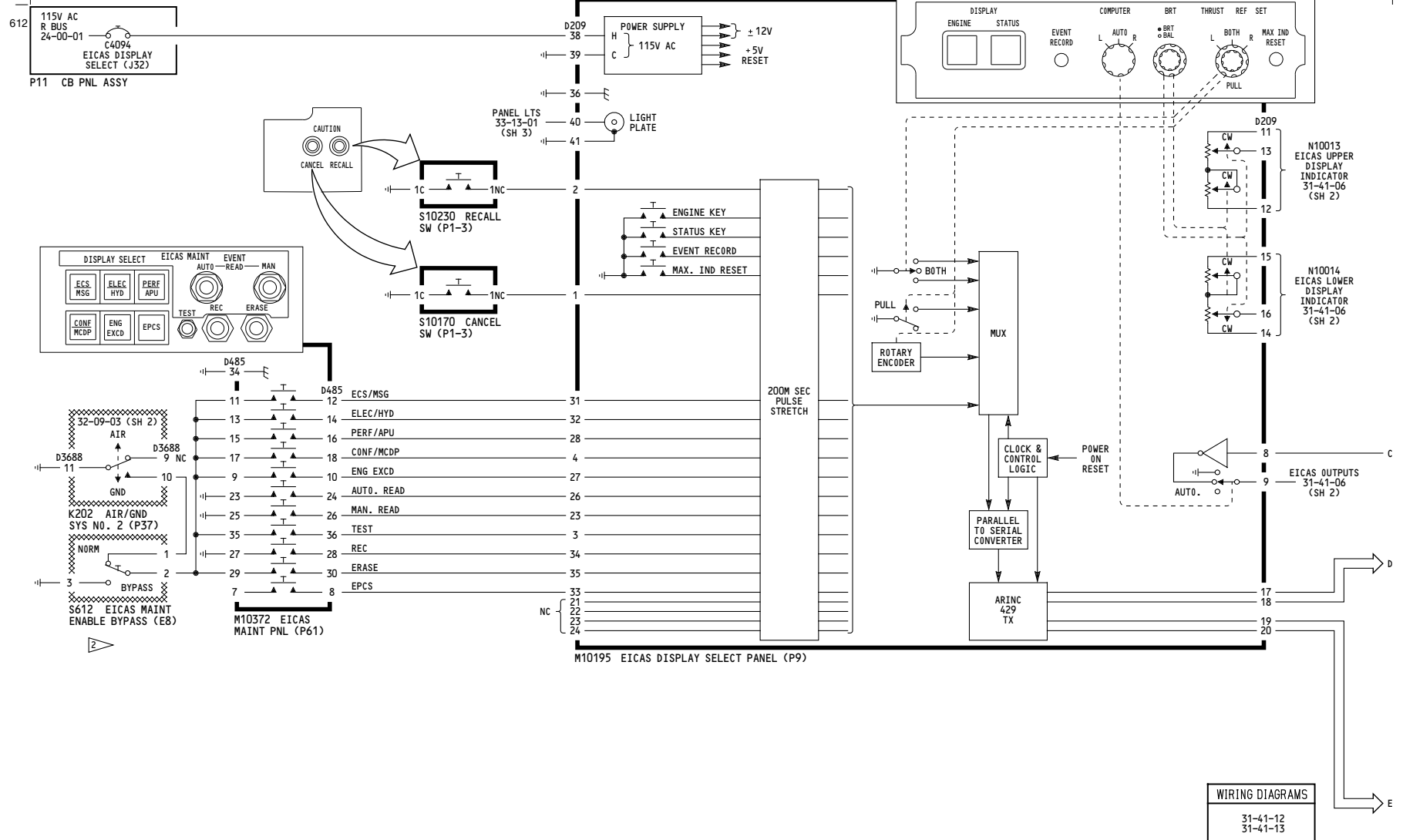
## ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL

Incorporates 76-0026

D280T232

### 31-41-01

Page 104.1  
Sheet 2  
Jan 21/2005



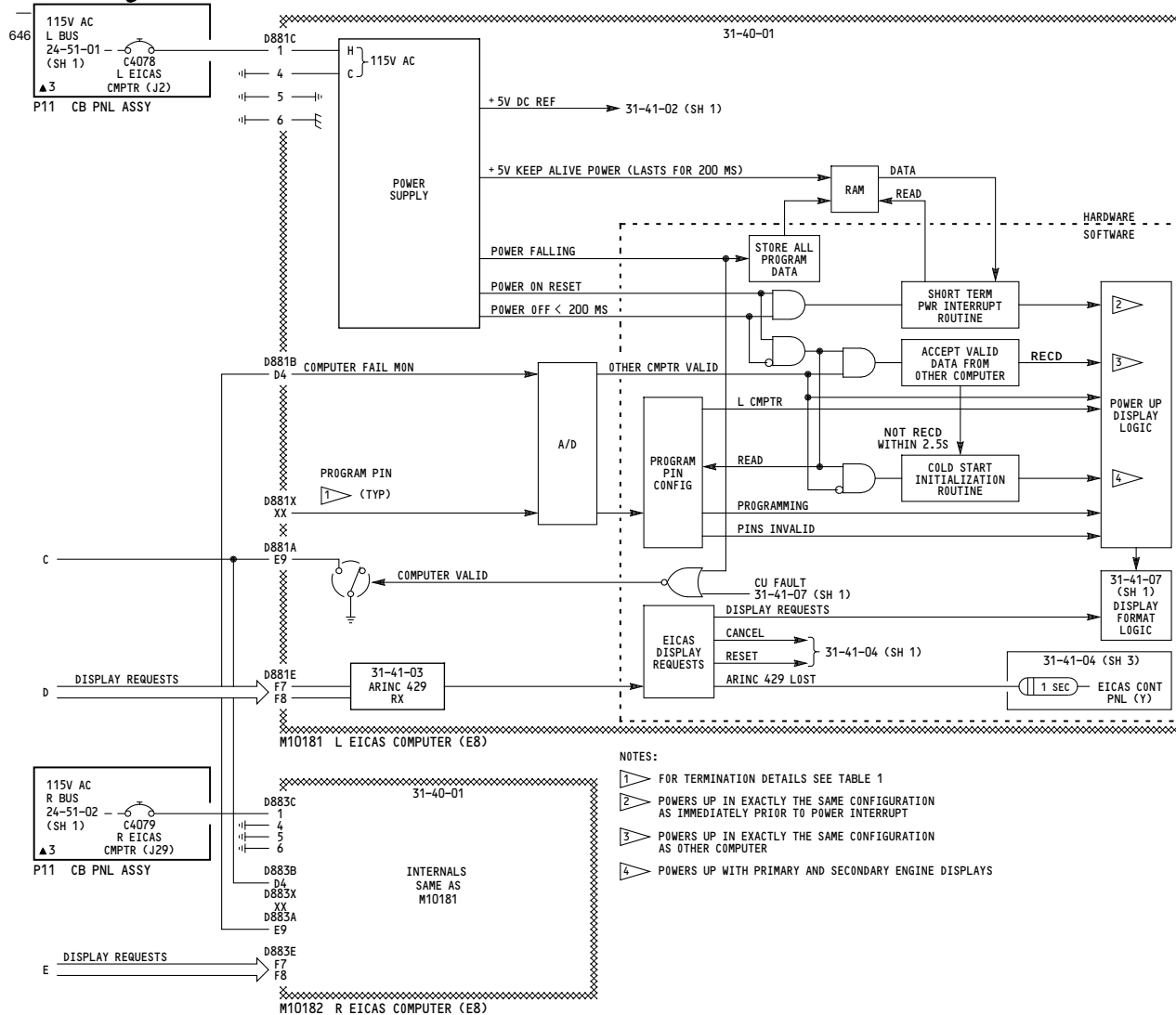
277-278

## ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL

D280T232

**31-41-01**

Page 105  
Sheet 1  
Jan 21/2005



WIRING DIAGRAMS
31-41-11
31-41-12
31-41-13
31-41-15
31-41-17

TABLE 1 EICAS PROGRAM PINS

PIN NO.	PROGRAM WHEN GROUND	D88X PIN	D881 GND	D883 GND	DISAGREE INPUT NO.
1	L ENG	DE10			183
2	PW 4060	DE4	X	X	407
3		DE6			438
4	SCC INSTLN	DE11	X	X	182
5	L INSTLN	DE3	X		406
6		BF11			264
7	R ENG	BF7	X	X	201
8	PW 4060	BF2			41
9	TIRE PRESS.	BF10			265
10	FUEL FLOW	BF6			237
11	FULL TIME				
12	767 INSTLN	FB7	X	X	473
13	FWD CARGO TEMP	FD8	X	X	504
14	METRIC UNITS	BC9	X		208
15	ECS IN US UNITS	BC6			48
16	PRECOOL OUTLET TEMP	BD3	X	X	272
17	CERT AGENCY	BD11	X	X	432
18	FAA	BB6			176
19	MID CABIN ZONE	BE13	X	X	400
20	APU OIL QTY	EG1	X	X	28
21	AUX CABIN ZONES	DD8	X	X	252
22	ECS TEMP	AK1	X	X	130
23	BULK CARGO TEMP	AK9	X	X	354
24	HYD GEN	BK9	X	X	56
25	APU RPM STATUS	BK6	X	X	280
26	BRAKE TEMP	DK12	X	X	178
27	RAM OUTLET DOOR	DJ12	X	X	402
28	HYD PRESS. STATUS	EK1	X	X	39
29	3 CREW INSTLN	EJ8			263
30	FUEL PRESS.	FJ5	X	X	102
31	PW 4060 ENG	FH5			326
32	PARITY (0DD)	EJ4			213
		EJ1	X		53

L EICAS PROGRAM PIN WORD 5A3B7BE8  
R EICAS PROGRAM PIN WORD 523B7BE9

277-278

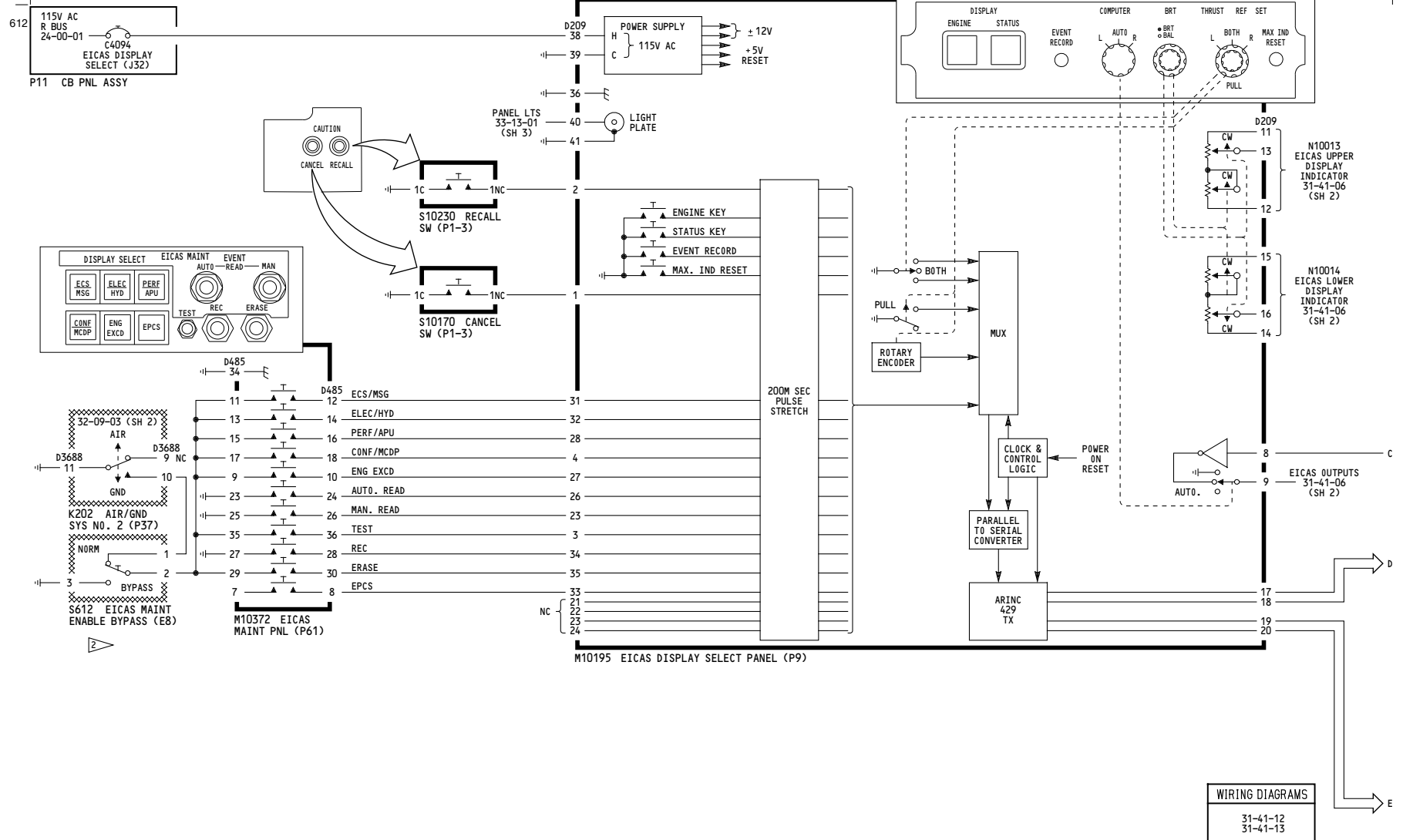
## ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL

D280T232

31-41-01

Page 105  
Sheet 2  
Jan 21/2005





280-299	ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL
D280T232	

**31-41-01**

Page 106  
Sheet 1  
Jan 21/2005

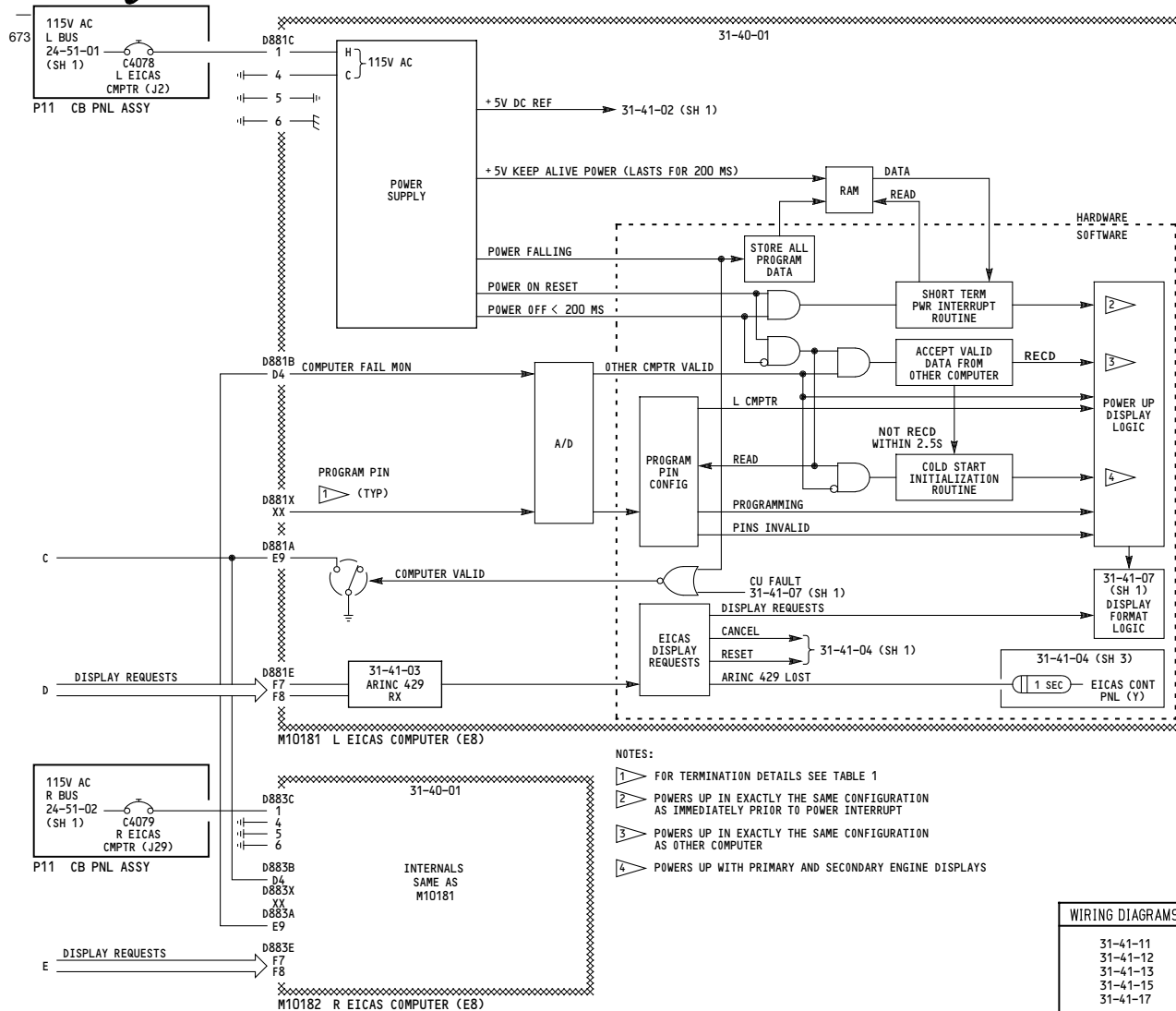


TABLE 1 EICAS PROGRAM PINS

PIN NO.	PROGRAM WHEN GROUNDED	D88X PIN	D881 GND	D883 GND	DISAGREE INPUT NO.
1	L ENG PW 4060	DE10	X	X	183
2	SCC INSTLN	DE4	X	X	407
3	L INSTLN	DE6	X	X	438
4	R ENG PW 4060	DE11	X	X	182
5	TIRE PRESS.	DE3	X	X	406
6	FUEL FLOW FULL TIME	BF11	X	X	264
7		BF7	X	X	201
8		BF2	X	X	41
9		BF10	X	X	265
10		BF6			237
11	767 INSTLN	FB7	X	X	473
12	FWD CARGO TEMP	FD8	X	X	504
13	METRIC UNITS	BC9	X	X	208
14	ECS IN US UNITS	BC6	X	X	48
15	PRECOOL OUTLET TEMP	BD3	X	X	272
16	CERT AGENCY	BD11	X	X	432
17	FAA	BB6	X	X	176
18	MID CABIN ZONE	BE13	X	X	400
19	APU OIL QTY	EG1	X	X	28
20	AUX CABIN ZONES	DD8	X	X	252
21	ECS TEMP	AK1	X	X	130
22	BULK CARGO TEMP	AK9	X	X	354
23	HYD GEN	BK9	X	X	56
24	APU RPM STATUS	BK6	X	X	280
25	BRAKE TEMP	DK12	X	X	178
26	RAM OUTLET DOOR	DJ12	X	X	402
27	HYD PRESS. STATUS	EK1	X	X	39
28	3 CREW INSTLN	EJ8	X	X	263
29	FUEL PRESS.	FJ5	X	X	102
30	PW 4060 ENG	FH5	X	X	326
31	PARITY (ODD)	EJ4	X	X	213
32		EJ1	X	X	53

L EICAS PROGRAM PIN WORD 5ABB7BE9  
R EICAS PROGRAM PIN WORD 52BB7BE8

PIN NO.	PROGRAM WHEN GROUNDED	D88X PIN	D881 GND	D883 GND	DISAGREE INPUT NO.
1	L SCU INSTL	FB4	X	X	329
2	TRIPLE HYD GEN INSTL	FJ7	X	X	151
3	R SCU INSTL	DK9	X	X	369
4	PRIMARY ICE DET INSTL	DK7	X	X	404
5	SPARE				
6	SPARE				
7	SPARE				
8	SPARE				
9	SPARE				
10	SPARE				
11	SPARE				
12	SPARE				
13	SPARE				
14	SPARE				
15	SPARE				
16	SPARE				

SUPL PROG PIN WORD: A000

## 31-41-01

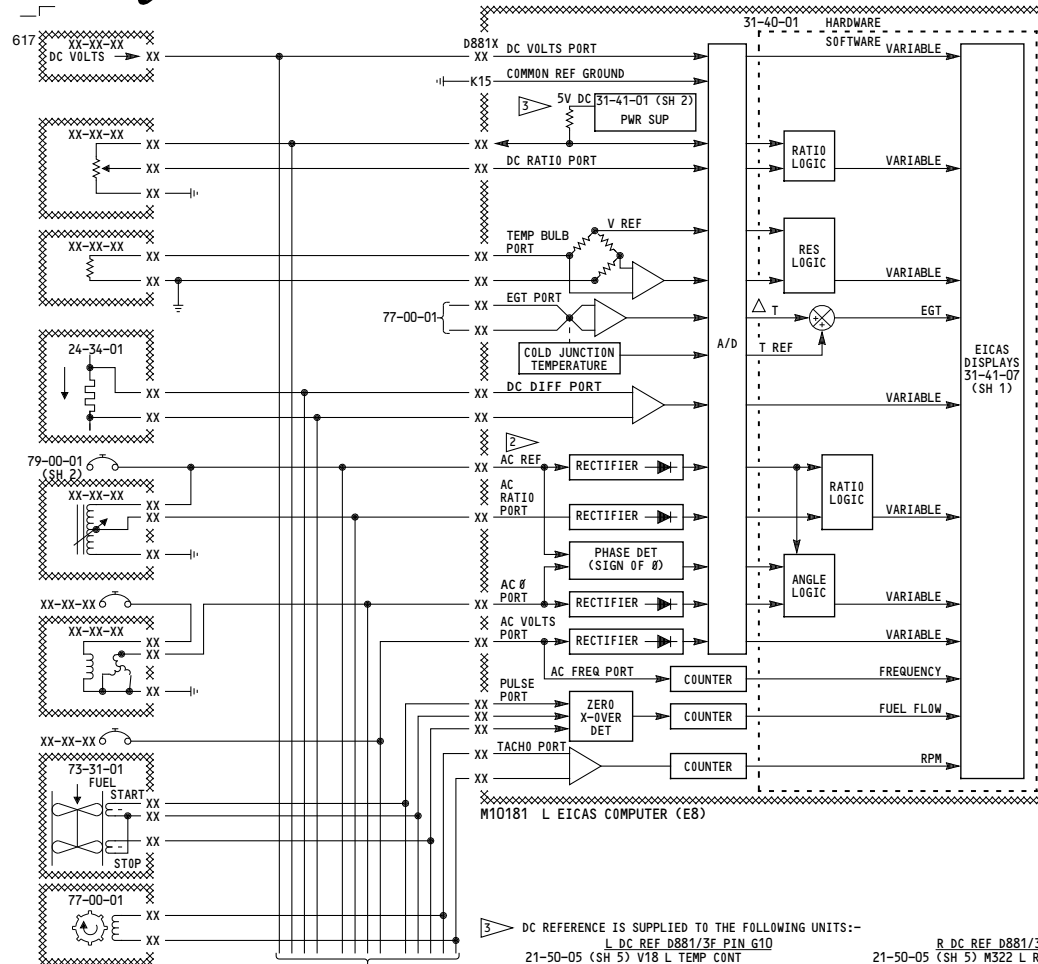
Page 106  
Sheet 2  
Jan 21/2005

280-299

### ENGINE INDICATION & CREW ALERTING SYSTEM POWER AND CONTROL

D280T232

WIRING DIAGRAMS  
31-41-32  
31-41-34



## NOTES:

- 1 INPUTS NOT CONNECTED TO BOTH EICAS COMPUTERS ARE DISTRIBUTED VIA THE CROSSTALK BUS
- 2 L AC REF IS USED IN THE CALCULATION OF: -L INNER AILERON, L OUTER AILERON & L ELEVATOR POSITION;  
L & C HYD PRESS. & L ENG OIL PRESS.  
R AC REF IS USED IN THE CALCULATION OF: -R INNER AILERON, R OUTER AILERON & R ELEVATOR POSITION  
R HYD PRESS. & R ENG OIL PRESS.
- 3 DC REFERENCE IS SUPPLIED TO THE FOLLOWING UNITS:-  
L DC REF D881/3F PIN G10  
R DC REF D881/3E PIN E4
- 4 SEE EICAS OUTPUTS 31-41-06 (SH 1)
- 5 SEE 31-41-05 (SH 2)
- 6 -300 AIRPLANES ONLY

050-099, 150-199

## ENGINE INDICATION AND CREW ALERTING SYSTEM ANALOG INPUTS

D280T232

TABLE 1 ANALOG INPUTS

SCHEMATIC REFERENCE	D881X PIN	D883X PIN	DESCRIPTION	PORT TYPE
NC	DD9	—	BULK CARGO TEMP	TEMP BULB
21-50-01 (SH 5)	EE2	—	L PACK AIR FLOW	DC VOLTS
21-50-02 (SH 5)	—	EE2	R PACK AIR FLOW	DC VOLTS
21-50-05 (SH 5)	EH13	—	L PACK TEMP VLV	DC RATIO
21-50-05 (SH 5)	EJ12	—	L RAM IN DOOR	DC RATIO
NC	EJ9	—	L RAM OUT DOOR	DC RATIO
21-50-06 (SH 5)	—	EJ12	R RAM IN DOOR	DC RATIO
NC	EJ9	—	R RAM OUT DOOR	DC RATIO
21-50-06 (SH 5)	—	EH13	R PACK TEMP VLV	DC RATIO
NC	FA7	—	L CPRSR OUT TEMP	TEMP BULB
21-50-07	FA6	—	L PACK OUT TEMP	TEMP BULB
NC	DD13	—	L PRIM HX IN TEMP	TEMP BULB
NC	AD15	—	L PRIM HX OUT TEMP	TEMP BULB
NC	AF14	—	L SEC HX OUT TEMP	TEMP BULB
NC	AE14	—	L TURBINE IN TEMP	TEMP BULB
NC	FC1	—	R CPRSR OUT TEMP	TEMP BULB
21-50-08	FA8	—	R PACK OUT TEMP	TEMP BULB
NC	DD13	—	R PRIM HX IN TEMP	TEMP BULB
NC	AD15	—	R PRIM HX OUT TEMP	TEMP BULB
NC	AF14	—	R SEC HX OUT TEMP	TEMP BULB
NC	AE14	—	R TURBINE IN TEMP	TEMP BULB
21-60-02 (SH 1)	FB9	—	FLT DECK TRIM VALVE	DC RATIO
21-60-03 (SH 1)	F69	—	FWD TRIM VALVE	DC RATIO
21-60-04 (SH 1)	FB9	—	AFT TRIM VALVE	DC RATIO
21-60-05 (SH 1)	F69	—	MID TRIM VALVE	DC RATIO
21-65-01	DD11	—	FLT DECK DUCT TEMP	TEMP BULB
21-65-01	DD12	—	FWD DUCT TEMP	TEMP BULB
21-65-01	DD11	—	AFT DUCT TEMP	TEMP BULB
21-65-01	DD12	—	MID DUCT TEMP	TEMP BULB
21-65-01	BE11	—		
21-65-01	BE10	—		

31-41-02

632

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D881X PIN	D883X PIN	DESCRIPTION	PORT INPUT
24-11-01	EE7	EE7	IDG OIL TEMP L/	DC VOLTS
24-11-01	BB5	BB5	IDG TEMP RISE L	DISCRETE
24-11-01	EE8	EE8	IDG TEMP RISE SW	DC VOLTS
24-28-01	EG9	EG9	IDG OIL TEMP R/	DC VOLTS
24-28-01	EE9	EE9	IDG RISE TEMP R	DC VOLTS
24-28-01	EG10	EG10	L BUS AC FREQ/	FREQ/ AC VOLTS
24-28-01	EE9	EE9	L AC VOLTS	DC VOLTS
24-28-01	EG10	EG10	L GEN LOAD	DC VOLTS
24-28-01	EE10	EE10	R AC BUS FREQ/	FREQ/ AC VOLTS
24-28-01	EE10	EE10	R AC VOLTS	DC VOLTS
24-28-01	EE10	EE10	R GEN LOAD	DC VOLTS
24-28-01	EG8	—	APU BUS AC FREQ/	FREQ/ AC VOLTS
24-28-01	EE11	—	APU BUS AC VOLTS	DC VOLTS
24-28-01	—	EG8	APU LOAD	DC VOLTS
24-28-01	—	EG8	HYD GEN AC FREQ/	FREQ/ AC VOLTS
24-28-01	—	EG11	HYD GEN AC VOLTS	DC VOLTS
24-28-01	EG12	EG12	HYD GEN LOAD	DC VOLTS
24-28-01	—	EG12	GND PWR AC FREQ/	FREQ/ AC VOLTS
24-28-01	—	EG12	GND PWR AC VOLTS	DC VOLTS
24-28-01	EE12	EE12	GND PWR LOAD	DC VOLTS
24-28-01	EG11	EG11	STBY INV AC FREQ/VOLTS	FREQ/ AC VOLTS
24-34-01	FB1	FB1	APU BAT CURRENT	DC DIFF
24-34-01	FB2	—	DC DIFF	DC VOLTS
24-34-01	FA3	—	APU BAT VOLTS	DC VOLTS
24-34-01	—	FA3	HYD GEN DC VOLTS	DC VOLTS
24-34-01	BD6	BD6	MAIN BAT CURRENT	DC DIFF
24-34-01	BD7	BD7	DC DIFF	DC VOLTS
24-34-01	FA4	FA4	MAIN BAT VOLTS	DC VOLTS
24-34-01	BD9	BD9	L TRU CURRENT	DC DIFF
24-34-01	BD10	BD10	DC DIFF	DC VOLTS
24-34-01	EG14	EG14	L TRU VOLTS	DC VOLTS
24-34-01	BD12	BD12	R TRU CURRENT	DC DIFF
24-34-01	BD13	BD13	DC DIFF	DC VOLTS
24-34-01	BE1	BE1	R TRU VOLTS	DC VOLTS
27-10-01 (SH 1)	EH2	EH2	L INNER AIL	AC Ø
27-10-01 (SH 1)	EH3	EH3	R INNER AIL	AC Ø
27-10-01 (SH 1)	EH4	EH4	L OUTER AIL	AC Ø
27-10-01 (SH 1)	EH5	EH5	R OUTER AIL	AC Ø
27-20-01 (SH 1)	EH10	EH10	RUDDER	AC Ø
27-30-01 (SH 3)	EH6	EH6	L ELEVATOR	AC Ø
27-30-01 (SH 3)	EH7	EH7	R ELEVATOR	AC Ø

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D881X PIN	D883X PIN	DESCRIPTION	PORT INPUT
29-00-07 (SH 1)	BH3	BH3	L HYD PRESS	AC VOLTS
29-00-07 (SH 1)	BJ4	—	L HYD RSVR TEMP	TEMP BULB
29-00-07 (SH 2)	AF3	AF3	L HYD QTY	DC VOLTS
29-00-07 (SH 1)	DK14	DK14	—	—
29-00-07 (SH 1)	—	BJ4	R HYD RSVR TEMP	TEMP BULB
29-00-07 (SH 2)	AF5	AF5	R HYD QTY	DC VOLTS
29-00-07 (SH 1)	BH4	BH4	R HYD PRESS	AC VOLTS
29-00-07 (SH 1)	DD4	—	C HYD RSVR TEMP	TEMP BULB
29-00-07 (SH 1)	DD5	—	—	—
29-00-05 (SH 2)	AF4	AF4	C HYD QTY	DC VOLTS
30-21-01	BH12	BH12	L ENG TAI ON	DISCRETE
30-21-01	DJ13	DJ13	R ENG TAI ON	DISCRETE
32-46-01 (SH 2)	AF10	AF10	BK1 TEMP	DC VOLTS
32-46-01 (SH 2)	AE2	AE2	BK2 TEMP	DC VOLTS
32-46-01 (SH 2)	BE3	BE3	BK3 TEMP	DC VOLTS
32-46-01 (SH 2)	BE2	BE2	BK4 TEMP	DC VOLTS
32-46-01 (SH 2)	DD6	DD6	BK5 TEMP	DC VOLTS
32-46-01 (SH 2)	DD7	DD7	BK6 TEMP	DC VOLTS
32-46-01 (SH 2)	DD15	DD15	BK7 TEMP	DC VOLTS
32-46-01 (SH 2)	EH1	EH1	BK8 TEMP	DC VOLTS
32-46-01 (SH 2)	EJ15	EJ15	BK TEMP WARN	DISCRETE
35-11-01	AF9	AF9	CREW OXY PRESS	DC DIFF
35-11-01	EE6	EE6	—	—
35-11-01	EE5	EE5	LOW CREW OXY LIMIT	DC VOLTS
36-21-01	DH13	—	L BLD DUCT PRESS	DC VOLTS
36-21-01	—	DH13	R BLD DUCT PRESS	DC VOLTS
NC	DH14	—	L PRECOOLER OUT TEMP	TEMP BULB
NC	DH15	—	R PRECOOLER OUT TEMP	TEMP BULB
NC	—	DH14	—	—
NC	—	DH15	—	—
49-00-03 (SH 1)	FF10	FF10	APU OIL QTY	DC VOLTS
49-00-03 (SH 1)	FA5	FA5	APU EGT	DC VOLTS
49-00-03 (SH 1)	FA6	FA6	APU RPM	DC VOLTS

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D881X PIN	D883X PIN	DESCRIPTION	PORT INPUT
73-31-01	AJ8	AJ8	START STOP COM	L ENG FF PULSE
73-31-01	AJ7	AJ7	—	—
73-31-01	AJ9	AJ9	—	—
73-31-01	DJ1	DJ1	START STOP COM	R ENG FF PULSE
73-31-01	DH1	DH1	—	—
73-31-01	DK1	DK1	—	—
73-31-01	AJ10	AJ10	ENG FUEL PRESS L	AC VOLTS
NC	DG14	DG14	ENG FUEL PRESS R	AC VOLTS
77-00-01	BD1	BD1	L ENG N <sub>1</sub>	TACHO
77-00-01	BD2	BD2	—	—
77-00-01	EA14	EA14	R ENG N <sub>1</sub>	TACHO
77-00-01	EB14	EB14	—	—
77-00-01	AJ6	AJ6	L ENG N <sub>2</sub>	TACHO
77-00-01	AJ5	AJ5	—	—
77-00-01	DJ8	DJ8	R ENG N <sub>2</sub>	TACHO
77-00-01	DJ9	DJ9	—	—
77-00-01	BA15	BA15	L ENG EGT	EGT
77-00-01	BB15	BB15	—	—
77-00-01	EA15	EA15	R ENG EGT	EGT
77-00-01	EB15	EB15	—	—
77-00-02	AF2	AF2	ENG VIB-L	DC VOLTS
77-00-02	AF1	AF1	ENG VIB-R	DC VOLTS
78-36-01 (SH 2)	BF3	BF3	L T/R IN TRANSIT	DISCRETE
78-36-01 (SH 2)	BG3	BG3	L T/R	DISCRETE
78-36-01 (SH 3)	DF12	DF12	R T/R IN TRANSIT	DISCRETE
78-36-01 (SH 3)	DF14	DF14	R T/R	DISCRETE
79-00-01 (SH 2)	BJ8	BJ8	L ENG OIL QTY	DC VOLTS
79-00-01 (SH 2)	EG13	EG13	R ENG OIL QTY	DC VOLTS
79-00-01 (SH 2)	BG1	BG1	L AC REF	AC VOLTS
79-00-01 (SH 2)	BH2	BH2	L ENG OIL PRESS	AC VOLTS
79-00-01 (SH 2)	DF15	DF15	R AC REF	AC VOLTS
79-00-01 (SH 2)	EH11	EH11	R ENG OIL PRESS	AC VOLTS
79-00-01 (SH 2)	AH11	AH11	L ENG OIL TEMP	RES
79-00-01 (SH 2)	AH10	AH10	—	—
79-00-01 (SH 2)	DH9	DH9	R ENG OIL TEMP	RES
79-00-01 (SH 2)	DH10	DH10	—	—

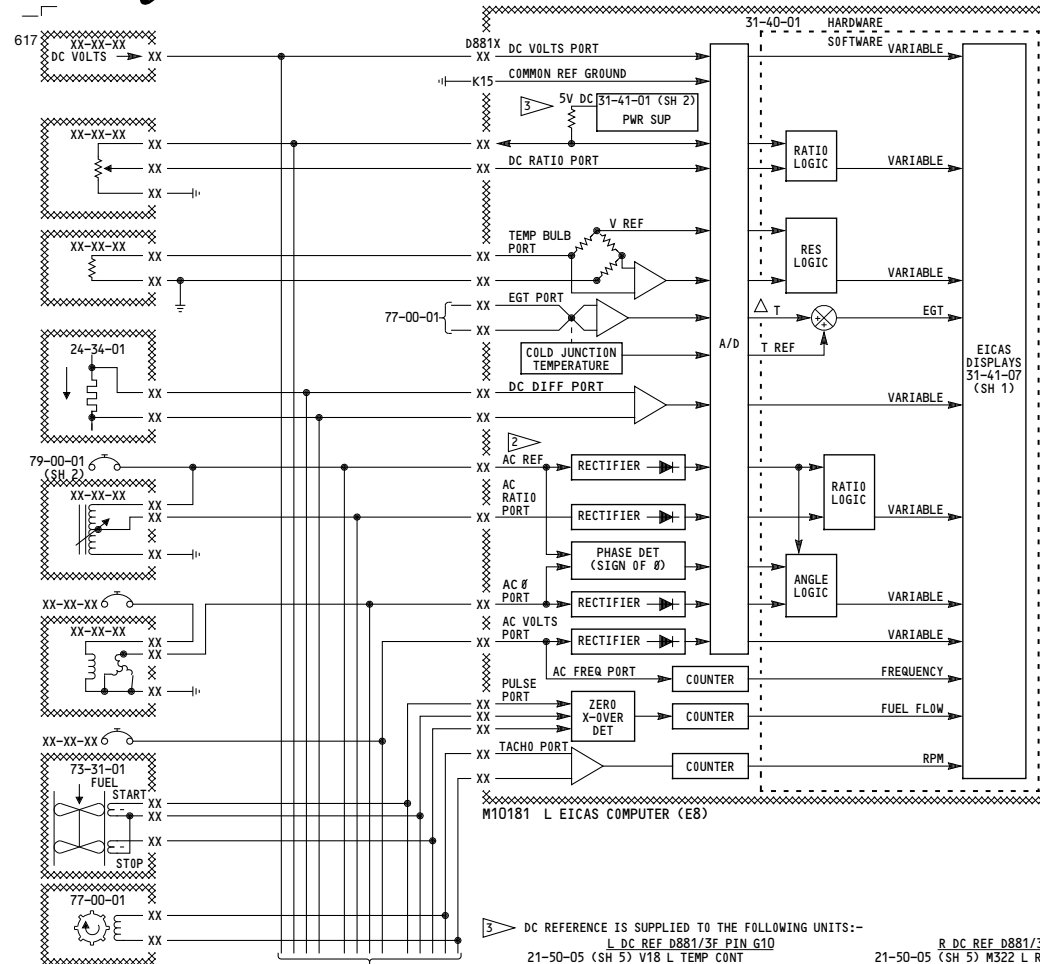
050-099, 150-199

## ENGINE INDICATION AND CREW ALERTING SYSTEM ANALOG INPUTS

D280T232

31-41-02

Page 101  
Sheet 2  
Jan 21/2005



## NOTES:

- 1 INPUTS NOT CONNECTED TO BOTH EICAS COMPUTERS ARE DISTRIBUTED VIA THE CROSSTALK BUS
- 2 L AC REF IS USED IN THE CALCULATION OF: -L INNER AILERON, L OUTER AILERON & L ELEVATOR POSITION;  
L & C HYD PRESS. & L ENG OIL PRESS.  
R AC REF IS USED IN THE CALCULATION OF: -R INNER AILERON, R OUTER AILERON & R ELEVATOR POSITION  
R HYD PRESS. & R ENG OIL PRESS.
- 3 SEE EICAS OUTPUTS 31-41-06 (SH 1)
- 4 SEE 31-41-05 (SH 2)
- 5 -300 AIRPLANES ONLY

WIRING DIAGRAMS  
31-41-32  
31-41-34

TABLE 1 ANALOG INPUTS

SCHEMATIC REFERENCE	D881X PIN	D883X PIN	DESCRIPTION	PORT TYPE
NC	DD9	—	BULK CARGO TEMP	TEMP BULB
21-50-01 (SH 5)	EE2	—	L PACK AIR FLOW	DC VOLTS
21-50-02 (SH 5)	—	EE2	R PACK AIR FLOW	DC VOLTS
21-50-05 (SH 5)	EH13	—	L PACK TEMP VLV	DC RATIO
21-50-05 (SH 5)	EJ12	—	L RAM IN DOOR	DC RATIO
NC	EJ9	—	L RAM OUT DOOR	DC RATIO
21-50-06 (SH 5)	—	EJ12	R RAM IN DOOR	DC RATIO
NC	EJ9	—	R RAM OUT DOOR	DC RATIO
21-50-06 (SH 5)	—	EH13	R PACK TEMP VLV	DC RATIO
NC	FA7	—	L CPRSR OUT TEMP	TEMP BULB
21-50-07	FA6	—	L PACK OUT TEMP	TEMP BULB
NC	DD13	—	L PRIM HX IN TEMP	TEMP BULB
NC	AD15	—	L PRIM HX OUT TEMP	TEMP BULB
NC	AF14	—	L SEC HX OUT TEMP	TEMP BULB
NC	AE14	—	L TURBINE IN TEMP	TEMP BULB
NC	FC1	—	R CPRSR OUT TEMP	TEMP BULB
21-50-08	FA8	—	R PACK OUT TEMP	TEMP BULB
NC	DD13	—	R PRIM HX IN TEMP	TEMP BULB
NC	AD15	—	R PRIM HX OUT TEMP	TEMP BULB
NC	AF14	—	R SEC HX OUT TEMP	TEMP BULB
NC	AE14	—	R TURBINE IN TEMP	TEMP BULB
21-60-02 (SH 1)	FB9	—	FLT DECK TRIM VALVE	DC RATIO
21-60-03 (SH 1)	F69	—	FWD TRIM VALVE	DC RATIO
21-60-04 (SH 1)	FB9	—	AFT TRIM VALVE	DC RATIO
21-60-05 (SH 1)	F69	—	MID TRIM VALVE	DC RATIO
21-65-01	DD11	—	FLT DECK DUCT TEMP	TEMP BULB
21-65-01	DD12	—	FWD DUCT TEMP	TEMP BULB
21-65-01	DD10	—	AFT DUCT TEMP	TEMP BULB
21-65-01	DD12	—	MID DUCT TEMP	TEMP BULB
21-65-01	BE11	—	—	—
21-65-01	BE10	—	—	—

275-278

## ENGINE INDICATION AND CREW ALERTING SYSTEM ANALOG INPUTS

D280T232

31-41-02

Page 102  
Sheet 1  
Jan 21/2005

649

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D881X PIN	D883X PIN	DESCRIPTION	PORT INPUT
24-11-01	EE7	EE7	IDG OIL TEMP L/	DC VOLTS
24-11-01	BB5	BB5	IDG TEMP RISE L	DISCRETE
24-11-01	EE8	EE8	IDG OIL TEMP R/	DC VOLTS
24-28-01	EG9	EG9	L BUS AC FREQ/	FREQ/ AC VOLTS
24-28-01	EE9	EE9	L AC VOLTS	DC VOLTS
24-28-01	EG10	EG10	L GEN LOAD	FREQ/ AC VOLTS
24-28-01	EE10	EE10	R AC BUS FREQ/	DC VOLTS
24-28-01	EG8	—	R AC VOLTS	DC VOLTS
24-28-01	EE11	—	R GEN LOAD	DC VOLTS
24-28-01	—	EG8	APU BUS AC FREQ/	FREQ/ AC VOLTS
24-28-01	—	EG12	APU BUS AC VOLTS	DC VOLTS
24-28-01	—	EG12	APU LOAD	DC VOLTS
24-28-01	—	EE11	HYD GEN AC FREQ/	FREQ/ AC VOLTS
24-28-01	—	EG12	HYD GEN AC VOLTS	DC VOLTS
24-28-01	—	EG12	HYD GEN LOAD	DC VOLTS
24-28-01	—	EG12	GND PWR AC FREQ/	FREQ/ AC VOLTS
24-28-01	—	EG12	GND PWR AC VOLTS	DC VOLTS
24-28-01	EE12	EE12	GND PWR LOAD	DC VOLTS
24-28-01	EG11	EG11	STBY INV AC FREQ/VOLTS	FREQ/ AC VOLTS
24-34-01	FB1	FB1	APU BAT CURRENT	DC DIFF
24-34-01	FB2	—	DC DIFF	DC VOLTS
24-34-01	FA3	—	APU BAT VOLTS	DC VOLTS
24-34-01	—	FA3	HYD GEN DC VOLTS	DC VOLTS
24-34-01	BD6	BD6	MAIN BAT CURRENT	DC DIFF
24-34-01	BD7	BD7	DC DIFF	DC VOLTS
24-34-01	FA4	FA4	MAIN BAT VOLTS	DC VOLTS
24-34-01	BD9	BD9	L TRU CURRENT	DC DIFF
24-34-01	BD10	BD10	DC DIFF	DC VOLTS
24-34-01	EG14	EG14	L TRU VOLTS	DC VOLTS
24-34-01	BD12	BD12	R TRU CURRENT	DC DIFF
24-34-01	BD13	BD13	DC DIFF	DC VOLTS
24-34-01	BE1	BE1	R TRU VOLTS	DC VOLTS
27-10-01 (SH 1)	EH2	EH2	L INNER AIL	AC Ø
27-10-01 (SH 1)	EH3	EH3	R INNER AIL	AC Ø
27-10-01 (SH 1)	EH4	EH4	L OUTER AIL	AC Ø
27-10-01 (SH 1)	EH5	EH5	R OUTER AIL	AC Ø
27-20-01 (SH 1)	EH10	EH10	RUDDER	AC Ø
27-30-01 (SH 3)	EH6	EH6	L ELEVATOR	AC Ø
27-30-01 (SH 3)	EH7	EH7	R ELEVATOR	AC Ø

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D881X PIN	D883X PIN	DESCRIPTION	PORT INPUT
29-00-07 (SH 1)	BH3	BH3	L HYD PRESS	AC VOLTS
29-00-07 (SH 1)	BJ4	—	L HYD RSVR TEMP	TEMP BULB
29-00-07 (SH 2)	AF3	AF3	L HYD QTY	DC VOLTS
29-00-07 (SH 1)	DK14	DK14	—	—
29-00-07 (SH 1)	—	BJ4	R HYD RSVR TEMP	TEMP BULB
29-00-07 (SH 2)	AF5	AF5	R HYD QTY	DC VOLTS
29-00-07 (SH 1)	BH4	BH4	R HYD PRESS	AC VOLTS
29-00-07 (SH 1)	DD4	—	C HYD RSVR TEMP	TEMP BULB
29-00-07 (SH 1)	DD5	—	—	—
29-00-05 (SH 2)	AF4	AF4	C HYD QTY	DC VOLTS
30-21-01	BH12	BH12	L ENG TAI ON	DISCRETE
30-21-01	DJ13	DJ13	R ENG TAI ON	DISCRETE
32-46-01 (SH 2)	AF10	AF10	BK1 TEMP	DC VOLTS
32-46-01 (SH 2)	AE2	AE2	BK2 TEMP	DC VOLTS
32-46-01 (SH 2)	BE3	BE3	BK3 TEMP	DC VOLTS
32-46-01 (SH 2)	BE2	BE2	BK4 TEMP	DC VOLTS
32-46-01 (SH 2)	DD6	DD6	BK5 TEMP	DC VOLTS
32-46-01 (SH 2)	DD7	DD7	BK6 TEMP	DC VOLTS
32-46-01 (SH 2)	DD15	DD15	BK7 TEMP	DC VOLTS
32-46-01 (SH 2)	EH1	EH1	BK8 TEMP	DC VOLTS
32-46-01 (SH 2)	EJ15	EJ15	BK TEMP WARN	DISCRETE
35-11-01	AF9	AF9	CREW OXY PRESS	DC DIFF
35-11-01	EE6	EE6	—	—
35-11-01	EE5	EE5	LOW CREW OXY LIMIT	DC VOLTS
36-21-01	DH13	—	L BLD DUCT PRESS	DC VOLTS
36-21-01	—	DH13	R BLD DUCT PRESS	DC VOLTS
36-22-02	DH14	—	L PRECOOLER OUT TEMP	TEMP BULB
36-22-02	DH15	—	R PRECOOLER OUT TEMP	TEMP BULB
36-22-02	—	DH14	—	—
36-22-02	—	DH15	—	—
NC	FF10	FF10	APU OIL QTY	DC VOLTS
49-00-03 (SH 1)	FA5	FA5	APU EGT	DC VOLTS
49-00-03 (SH 1)	FA6	FA6	APU RPM	DC VOLTS

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D881X PIN	D883X PIN	DESCRIPTION	PORT INPUT
73-31-01	AJ8	AJ8	START STOP COM	L ENG FF PULSE
73-31-01	AJ7	AJ7	—	—
73-31-01	AJ9	AJ9	—	—
73-31-01	DJ1	DJ1	START STOP COM	R ENG FF PULSE
73-31-01	DH1	DH1	—	—
73-31-01	DK1	DK1	—	—
73-31-01	AJ10	AJ10	ENG FUEL PRESS L	AC VOLTS
77-33-01	DG14	DG14	ENG FUEL PRESS R	AC VOLTS
77-00-01	BD1	BD1	L ENG N <sub>1</sub>	TACHO
77-00-01	BD2	BD2	R ENG N <sub>1</sub>	TACHO
77-00-01	EA14	EA14	L ENG N <sub>2</sub>	TACHO
77-00-01	EB14	EB14	R ENG N <sub>2</sub>	TACHO
77-00-01	AJ6	AJ6	L ENG N <sub>2</sub>	TACHO
77-00-01	AJ5	AJ5	R ENG N <sub>2</sub>	TACHO
77-00-01	DJ8	DJ8	L ENG EGT	EGT
77-00-01	DJ9	DJ9	R ENG EGT	EGT
77-00-01	BA15	BA15	ENG VIB-L	DC VOLTS
77-00-01	BB15	BB15	ENG VIB-R	DC VOLTS
77-00-01	EA15	EA15	L T/R IN TRANSIT	DISCRETE
77-00-01	EB15	EB15	R T/R IN TRANSIT	DISCRETE
77-00-02	AF2	AF2	ENG VIB-L	DC VOLTS
77-00-02	AF1	AF1	ENG VIB-R	DC VOLTS
78-36-01 (SH 2)	BF3	BF3	L T/R IN TRANSIT	DISCRETE
78-36-01 (SH 2)	BG3	BG3	R T/R IN TRANSIT	DISCRETE
78-36-01 (SH 3)	DF12	DF12	L T/R IN TRANSIT	DISCRETE
78-36-01 (SH 3)	DF14	DF14	R T/R IN TRANSIT	DISCRETE
79-00-01 (SH 2)	BJ8	BJ8	L ENG OIL QTY	DC VOLTS
79-00-01 (SH 2)	EG13	EG13	R ENG OIL QTY	DC VOLTS
79-00-01 (SH 2)	BG1	BG1	L AC REF	AC VOLTS
79-00-01 (SH 2)	BH2	BH2	L ENG OIL PRESS	AC VOLTS
79-00-01 (SH 2)	DF15	DF15	R AC REF	AC VOLTS
79-00-01 (SH 2)	EH11	EH11	R ENG OIL PRESS	AC VOLTS
79-00-01 (SH 2)	AH11	AH11	L ENG OIL TEMP	RES
79-00-01 (SH 2)	AH10	AH10	—	—
79-00-01 (SH 2)	DH9	DH9	R ENG OIL TEMP	RES
79-00-01 (SH 2)	DH10	DH10	—	—

275-278

## ENGINE INDICATION AND CREW ALERTING SYSTEM ANALOG INPUTS

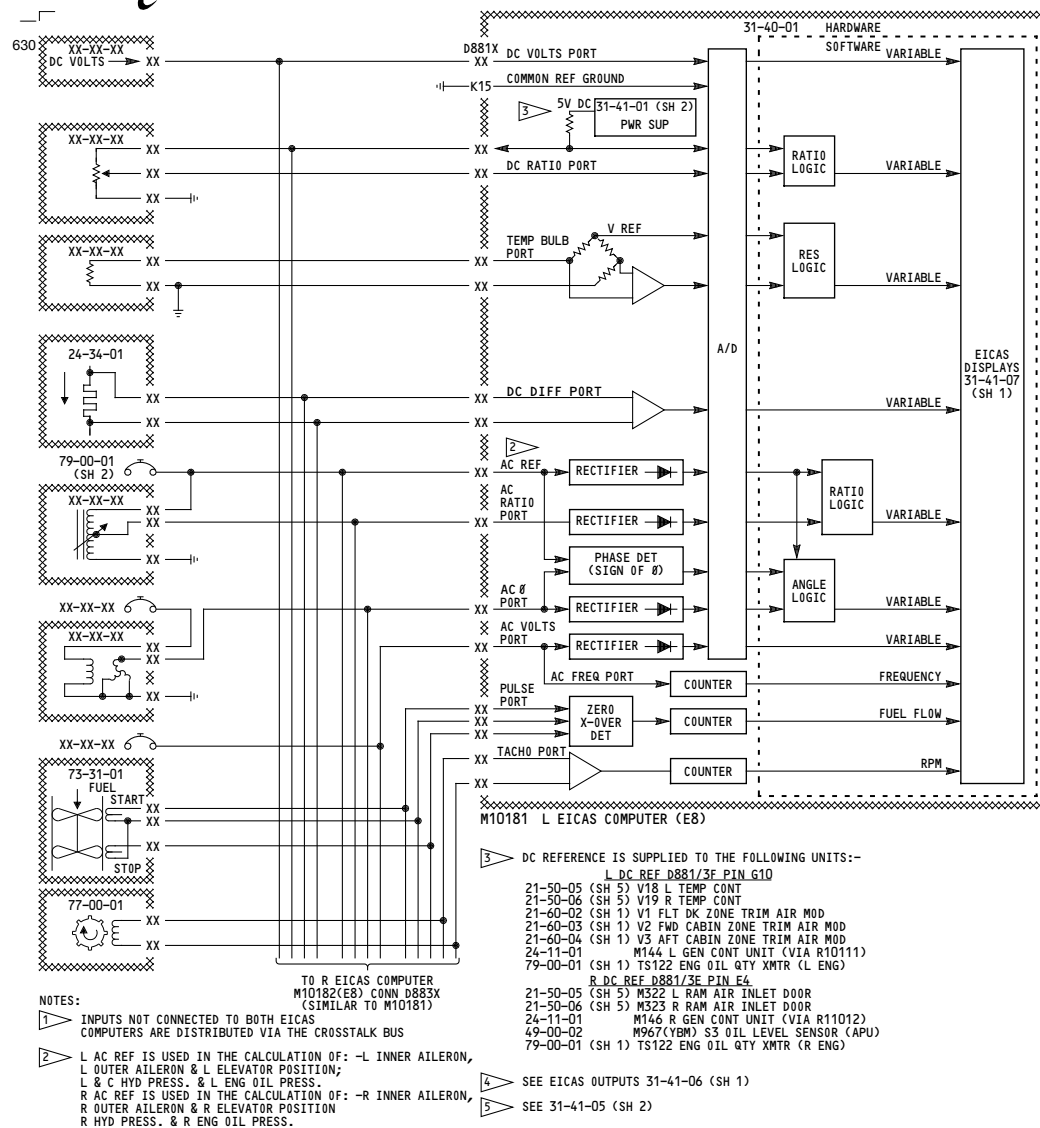
D280T232

31-41-02

Page 102  
Sheet 2  
Jan 21/2005



## 767-200/300 SYSTEM SCHEMATIC MANUAL



### WIRING DIAGRAMS

31-41-32  
31-41-34

TABLE 1 ANALOG INPUTS

SCHEMATIC REFERENCE	D881X PIN	D883X PIN	DESCRIPTION	PORT TYPE
NC	DD2	—	FWD CARGO TEMP	TEMP BULB
NC	DD3	—	BULK CARGO TEMP	TEMP BULB
21-50-01 (SH 5)	DD9	—	L PACK AIR FLOW	DC VOLTS
21-50-02 (SH 5)	EE2	—	R PACK AIR FLOW	DC VOLTS
21-50-05 (SH 5)	EH13	—	L PACK TEMP VLV	DC RATIO
21-50-05 (SH 5)	EJ12	—	L RAM IN DOOR	DC RATIO
NC (SH 5)	EJ9	—	L RAM OUT DOOR	DC RATIO
21-50-06 (SH 5)	—	EJ12	R RAM IN DOOR	DC RATIO
NC (SH 5)	—	EJ9	R RAM OUT DOOR	DC RATIO
21-50-06 (SH 5)	—	EH13	R PACK TEMP VLV	DC RATIO
21-50-07	FA7	—	L CPRSR OUT TEMP	TEMP BULB
21-50-07	FA8	—	L PACK OUT TEMP	TEMP BULB
21-50-07	AF6	—	L PRIM HX IN TEMP	TEMP BULB
21-50-07	DD13	—	L PRIM HX OUT TEMP	TEMP BULB
21-50-07	AD15	—	L SEC HX OUT TEMP	TEMP BULB
21-50-07	AF14	—	L SEC HX IN TEMP	TEMP BULB
21-50-07	FC1	—	L TURBINE IN TEMP	TEMP BULB
21-50-08	—	FA7	R CPRSR OUT TEMP	TEMP BULB
21-50-08	—	FA8	R PACK OUT TEMP	TEMP BULB
21-50-08	—	AF6	R PRIM HX IN TEMP	TEMP BULB
21-50-08	—	DD13	R PRIM HX OUT TEMP	TEMP BULB
21-50-08	—	AD15	R SEC HX OUT TEMP	TEMP BULB
21-50-08	—	AF14	R SEC HX IN TEMP	TEMP BULB
21-50-08	—	AE14	R TURBINE IN TEMP	TEMP BULB
21-50-08	—	FC1	R TURBINE OUT TEMP	TEMP BULB
21-60-02 (SH 1)	—	FB9	FLT DECK TRIM VALVE	DC RATIO
21-60-03 (SH 1)	—	EE5	AUX FWD TRIM VLV	DC RATIO
21-60-04 (SH 1)	—	FB9	AFT TRIM VALVE	DC RATIO
21-60-05 (SH 1)	—	EE5	AUX MID TRIM VLV	DC RATIO
21-65-01	—	FB9	MID TRIM VALVE	DC RATIO
21-65-01	DD11	—	FLT DECK DUCT	TEMP BULB
21-65-01	DD12	—	FWD DUCT TEMP	TEMP BULB
21-65-01	—	DD9	AFT DUCT TEMP	TEMP BULB
21-65-01	—	DD10	MID DUCT TEMP	TEMP BULB
21-65-01	—	DD12	AUX MID DUCT TEMP	TEMP BULB
21-65-01	BE11	—	AUX FWD DUCT TEMP	TEMP BULB
21-65-01	BE10	—	AUX MID DUCT TEMP	TEMP BULB
21-65-01	—	DD4	AUX FWD DUCT TEMP	TEMP BULB
21-65-01	—	DD5	AUX MID DUCT TEMP	TEMP BULB

280-299

### ENGINE INDICATION AND CREW ALERTING SYSTEM ANALOG INPUTS

D280T232

31-41-02

Page 103  
Sheet 1  
Jan 21/2005

649

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D881X PIN	D883X PIN	DESCRIPTION	PORT INPUT
24-11-01	EE7	EE7	IDG OIL TEMP L/	DC VOLTS
24-11-01	BB5	BB5	IDG TEMP RISE L	DISCRETE
24-11-01	EE8	EE8	IDG OIL TEMP R/	DC VOLTS
24-28-01	EG9	EG9	L BUS AC FREQ/	FREQ/ AC VOLTS
24-28-01	EE9	EE9	L AC VOLTS	DC VOLTS
24-28-01	EG10	EG10	R AC BUS FREQ/	FREQ/ AC VOLTS
24-28-01	EE10	EE10	R AC VOLTS	DC VOLTS
24-28-01	EG8	—	APU BUS AC FREQ/	FREQ/ AC VOLTS
24-28-01	EE11	—	APU BUS AC VOLTS	DC VOLTS
24-28-01	—	EG8	HYD GEN AC FREQ/	FREQ/ AC VOLTS
24-28-01	—	EE11	HYD GEN AC VOLTS	DC VOLTS
24-28-01	EG12	EG12	GND PWR AC FREQ/	FREQ/ AC VOLTS
24-28-01	EE12	EE12	GND PWR AC VOLTS	DC VOLTS
24-28-01	EG11	EG11	STBY INV AC FREQ/VOLTS	FREQ/ AC VOLTS
24-34-01	FB1	FB1	APU BAT CURRENT	DC DIFF
24-34-01	FA3	—	APU BAT VOLTS	DC VOLTS
24-34-01	BD6	BD6	HYD GEN DC VOLTS	DC VOLTS
24-34-01	BD7	BD7	MAIN BAT CURRENT	DC DIFF
24-34-01	FA4	FA4	MAIN BAT VOLTS	DC VOLTS
24-34-01	BD9	BD9	L TRU CURRENT	DC DIFF
24-34-01	EG14	EG14	L TRU VOLTS	DC VOLTS
24-34-01	BD12	BD12	R TRU CURRENT	DC DIFF
24-34-01	BD13	BD13	R TRU VOLTS	DC VOLTS
27-10-01 (SH 1)	EH2	EH2	L INNER AIL	AC Ø
27-10-01 (SH 1)	EH3	EH3	R INNER AIL	AC Ø
27-10-01 (SH 1)	EH4	EH4	L OUTER AIL	AC Ø
27-10-01 (SH 1)	EH5	EH5	R OUTER AIL	AC Ø
27-20-01 (SH 1)	EH10	EH10	RUDDER	AC Ø
27-30-01 (SH 3)	EH6	EH6	L ELEVATOR	AC Ø
27-30-01 (SH 3)	EH7	EH7	R ELEVATOR	AC Ø

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D881X PIN	D883X PIN	DESCRIPTION	PORT INPUT
29-00-07 (SH 1)	BH3	BH3	L HYD PRESS	AC VOLTS
29-00-07 (SH 1)	BJ4	—	L HYD RSVR TEMP	TEMP BULB
29-00-07 (SH 2)	AF3	AF3	L HYD QTY	DC VOLTS
29-00-07 (SH 1)	DK14	DK14	—	—
29-00-07 (SH 1)	—	BJ4	R HYD RSVR TEMP	TEMP BULB
29-00-07 (SH 2)	AF5	AF5	R HYD QTY	DC VOLTS
29-00-07 (SH 1)	BH4	BH4	R HYD PRESS	AC VOLTS
29-00-07 (SH 1)	DD4	—	C HYD RSVR TEMP	TEMP BULB
29-00-05 (SH 2)	AF4	AF4	C HYD QTY	DC VOLTS
30-21-01	BH12	BH12	L ENG TAI ON	DISCRETE
30-21-01	DJ13	DJ13	R ENG TAI ON	DISCRETE
32-46-01 (SH 2)	AF10	AF10	BK1 TEMP	DC VOLTS
	AE2	AE2	BK2 TEMP	DC VOLTS
	BE3	BE3	BK3 TEMP	DC VOLTS
	BE2	BE2	BK4 TEMP	DC VOLTS
	DD6	DD6	BK5 TEMP	DC VOLTS
	DD7	DD7	BK6 TEMP	DC VOLTS
	DD15	DD15	BK7 TEMP	DC VOLTS
	EH1	EH1	BK8 TEMP	DC VOLTS
	EJ15	EJ15	BK TEMP WARN	DISCRETE
35-11-01	AF9	AF9	CREW OXY PRESS	DC DIFF
35-11-01	EE6	EE6	—	—
35-11-01	EE5	EE5	LOW CREW OXY LIMIT	DC VOLTS
36-21-01	DH13	—	L BLD DUCT PRESS	DC VOLTS
36-21-01	—	DH13	R BLD DUCT PRESS	DC VOLTS
36-22-02	DH14	—	L PRECOOLER OUT TEMP	TEMP BULB
36-22-02	DH15	—	R PRECOOLER OUT TEMP	TEMP BULB
NC	FF10	FF10	APU OIL QTY	DC VOLTS
49-00-03 (SH 1)	FA5	FA5	APU EGT	DC VOLTS
49-00-03 (SH 1)	FA6	FA6	APU RPM	DC VOLTS

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D881X PIN	D883X PIN	DESCRIPTION	PORT INPUT
73-31-01	AJ8	AJ8	START STOP COM	L ENG FF PULSE
73-31-01	AJ7	AJ7	—	—
73-31-01	AJ9	AJ9	—	—
73-31-01	DJ1	DJ1	START STOP COM	R ENG FF PULSE
73-31-01	DH1	DH1	—	—
73-31-01	DK1	DK1	—	—
73-31-01	AJ10	AJ10	ENG FUEL PRESS L	AC VOLTS
73-31-01	DG14	DG14	ENG FUEL PRESS R	AC VOLTS
77-00-01	BD1	BD1	L ENG N <sub>1</sub>	TACHO
77-00-01	BD2	BD2	R ENG N <sub>1</sub>	TACHO
77-00-01	EA14	EA14	L ENG N <sub>2</sub>	TACHO
77-00-01	EB14	EB14	R ENG N <sub>2</sub>	TACHO
77-00-01	AJ6	AJ6	L ENG EGT	EGT
77-00-01	AJ5	AJ5	R ENG EGT	EGT
77-00-01	DJ8	DJ8	L ENG EGT	EGT
77-00-01	DJ9	DJ9	R ENG EGT	EGT
77-00-01	BA15	BA15	ENG VIB-L	DC VOLTS
77-00-01	BB15	BB15	ENG VIB-R	DC VOLTS
77-00-01	EA15	EA15	L T/R IN TRANSIT	DISCRETE
77-00-01	EB15	EB15	R T/R IN TRANSIT	DISCRETE
78-36-01 (SH 2)	BF3	BF3	L T/R IN TRANSIT	DISCRETE
78-36-01 (SH 2)	BG3	BG3	R T/R IN TRANSIT	DISCRETE
78-36-01 (SH 3)	DF12	DF12	L T/R IN TRANSIT	DISCRETE
78-36-01 (SH 3)	DF14	DF14	R T/R IN TRANSIT	DISCRETE
79-00-01 (SH 2)	BJ8	BJ8	L ENG OIL QTY	DC VOLTS
79-00-01 (SH 2)	EG13	EG13	R ENG OIL QTY	DC VOLTS
79-00-01 (SH 2)	BG1	BG1	L AC REF	AC VOLTS
79-00-01 (SH 2)	BH2	BH2	L ENG OIL PRESS	AC VOLTS
79-00-01 (SH 2)	DF15	DF15	R AC REF	AC VOLTS
79-00-01 (SH 2)	EH11	EH11	R ENG OIL PRESS	AC VOLTS
79-00-01 (SH 2)	AH11	AH11	L ENG OIL TEMP	RES
79-00-01 (SH 2)	AH10	AH10	—	—
79-00-01 (SH 2)	DH9	DH9	R ENG OIL TEMP	RES
79-00-01 (SH 2)	DH10	DH10	—	—

280-299

## ENGINE INDICATION AND CREW ALERTING SYSTEM ANALOG INPUTS

D280T232

31-41-02

Page 103  
Sheet 2  
Jan 21/2005





## 767-200/300 SYSTEM SCHEMATIC MANUAL

621

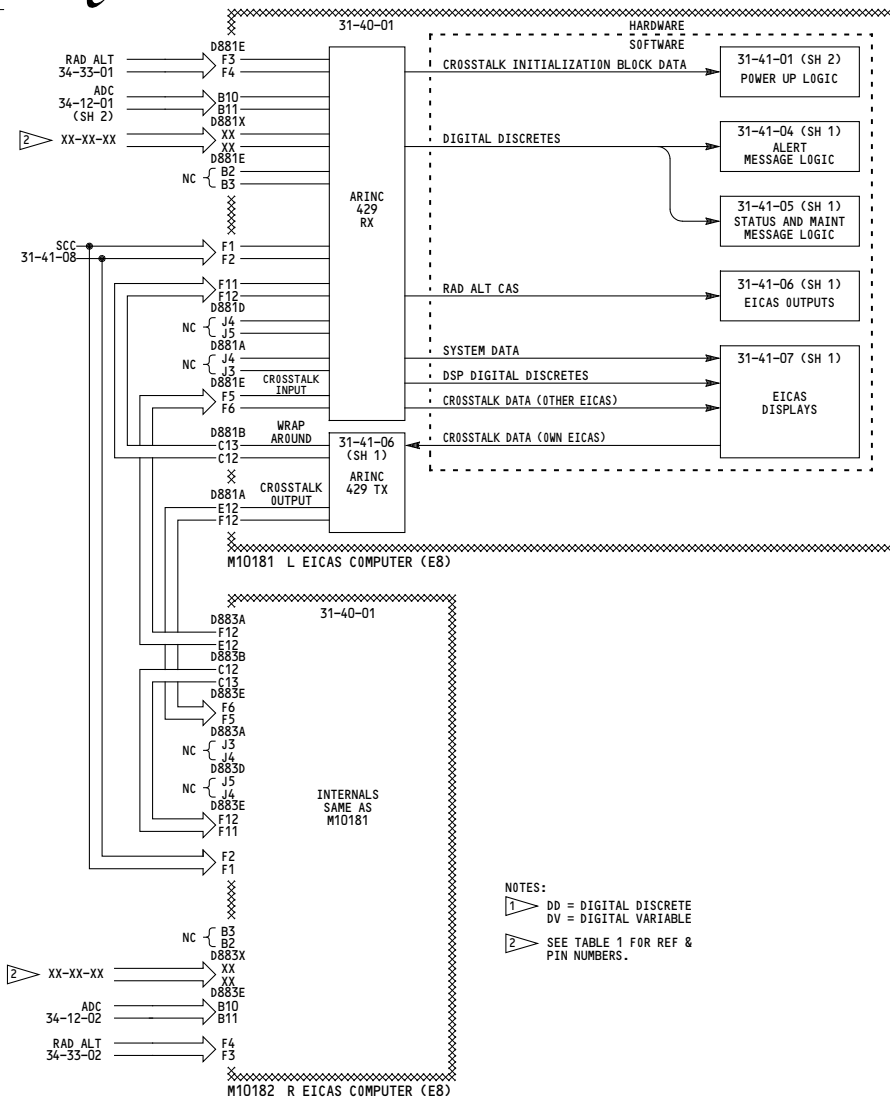


TABLE 1 DIGITAL INPUTS

SCHEMATIC REFERENCE	D881X PIN		D883X PIN		MNEUMONIC	DESCRIPTION	REMARKS
	A	B	A	B			
22-30-03 (SH 1)	EB6	EB7	EB6	EB7	DD360 THRU DD371 DD351 THRU DD375 DV401 DV402 DV403 DV404 DV405 DV406 DV412	ENG IDENT CODES DISCRETE PARMTNR 2 DISCRETE PARMTNR 3 EPR ACTUAL-L EPR ACTUAL-R EPR BUG DRIVE-L EPR BUG DRIVE-R MAX EPR LIMIT TEMP SELECTED TAT	TO AND GA MODE FLAGS SEE 77-00-01 (SH 1)
22-41-01 28-40-01	EB4 EF1	EB5 EF2	EB4 EF1	EB5 EF2	DD311 THRU DD316 DD317 THRU DD322 DD323 THRU DD328 DV601 DV602 DV603	MCDP DATA L CHAN FAULT AND TANK ACCURACY R CHAN FAULT AND TANK ACCURACY C CHAN FAULT AND TANK ACCURACY L TANK FUEL QTY R TANK FUEL QTY C TANK FUEL QTY	
31-41-01 (SH 2) NC NC NC	EF7 AJ4 DJ4 EB2	EF8 AJ3 DJ5 EB3	EF7 AJ4 DJ4 EB2	EF8 AJ3 DJ5 EB3		EICAS DSP DATA SPARE SPARE SPARE	RSVD AVM
NC 31-41-03 31-41-03	EF9 EF11 EF5 EH14	EF10 EF12 EF5 EH15	EF9 EF11 EF12 EF5 EH14	EF10 EF12 EF6 EH15	DD101 THRU DD124	SPARE EFIS COMP DATA CROSSTALK FCCS DATA	
34-12-01 (SH 2) 34-12-02	EB10	EB11	EB10	EB11	DD401 THRU DD404 DV001 DV002 DV003 DV004	VMO SCHEDULING COMPUTED AS TAT ALT (BARO 4) MACH	SEE 31-41-06 (SH 1)
34-33-01 34-33-02	EF3	EF4	EF3	EF4	DV351	RADIO HEIGHT	SEE 31-41-06 (SH 1)
34-41-08					DD900 THRU DD930	SIGN COND CARD DISCRETE INPUT	
34-41-08					DD401 THRU DD432	TIRE PRESS DISCRETE DATA	
					DV070 THRU DV079	TIRE PRESS 1 THRU 10	
34-61-02 (SH 1) 34-61-04	EB8	EB9	EB8	EB9	DD201 THRU DD210 DV301 DV303	ENG IDENT CODES EPR TARGET GROSS WT	

## WIRING DIAGRAMS


31-41-31  
31-41-32  
31-41-33  
31-41-34

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
### ENGINE INDICATION AND CREW ALERTING SYSTEM DIGITAL INPUTS


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
**31-41-03**Page 101  
Sheet 1  
Jan 21/2005

SCHEMATIC REFERENCE	D881X PIN		D883X PIN		MNEMONIC NO 	DESCRIPTION	REMARKS
	A	B	A	B			
73-21-14	AJ4	AJ3			DD1501 THRU DD1516	ENG CONFIG	L EPCS A DATA
					DV501 DV502 DV503 DV504 DV513 DV505 DV515 DV509 DV507 DV508 DV514 DV506 DV516 DV510 DV511 DV512 DV517 DV518 DV519 DV520	EPR ACTUAL EPR COMMAND EPR MAXIMUM EGT BLEED VALVE ACT BURNER PRESSURE ENG OIL TEMP INLET TOTAL PRESS INLET TOTAL TEMP N1 ROTOR SPEED N2 CORRECTED N2 ROTOR SPEED STATIC PRESSURE STATOR VANE POS THRUST LEV ANGLE THRUST REV POS SCAVENGE TEMP EXH GAS PRESS. AIR/OIL COOLER TURB CASE COOLING	
					LAS1 LAS2 LAS3 LAS4 LAS5 LAS6	LABEL 270 LABEL 271 LABEL 272 LABEL 273 LABEL 275 LABEL 146	L EPCS A STATUS LABELS

## 767-200/300 SYSTEM SCHEMATIC MANUAL

SCHEMATIC REFERENCE	D881X PIN		D883X PIN		MNEMONIC NO 	DESCRIPTION	REMARKS
	A	B	A	B			
73-21-14			DJ4	DJ5	DD1601 THRU DD1616	ENG CONFIG	R EPCS A DATA
					DV541 DV542 DV543 DV544 DV553 DV545 DV555 DV549 DV547 DV548 DV554 DV546 DV556 DV550 DV551 DV552 DV557 DV558 DV559 DV560	EPR ACTUAL EPR COMMAND EPR MAXIMUM EGT BLEED VALVE ACT BURNER PRESSURE ENG OIL TEMP INLET TOTAL PRESS INLET TOTAL TEMP N1 ROTOR SPEED N2 CORRECTED N2 ROTOR SPEED STATIC PRESSURE STATOR VANE POS THRUST LEV ANGLE THRUST REV POS SCAVENGE TEMP EXH GAS PRESS. AIR/OIL COOLER TURB CASE COOLING	
					RAS1 RAS2 RAS3 RAS4 RAS5 RAS6	LABEL 270 LABEL 271 LABEL 272 LABEL 273 LABEL 275 LABEL 146	R EPCS A STATUS LABELS

SCHEMATIC REFERENCE	D881X PIN		D883X PIN		MNEMONIC NO 	DESCRIPTION	REMARKS
	A	B	A	B			
73-21-14	BB14	BA14			DD1701 THRU DD1716	ENG CONFIG	L EPCS B DATA
					DV521 DV522 DV523 DV524 DV533 DV525 DV535 DV529 DV527 DV528 DV534 DV526 DV536 DV530 DV531 DV532 DV537 DV538 DV539 DV540	EPR ACTUAL EPR COMMAND EPR MAXIMUM EGT BLEED VALVE ACT BURNER PRESSURE ENG OIL TEMP INLET TOTAL PRESS INLET TOTAL TEMP N1 ROTOR SPEED N2 CORRECTED N2 ROTOR SPEED STATIC PRESSURE STATOR VANE POS THRUST LEV ANGLE THRUST REV POS SCAVENGE TEMP EXH GAS PRESS. AIR/OIL COOLER TURB CASE COOLING	
					LBS1 LBS2 LBS3 LBS4 LBS5 LBS6	LABEL 270 LABEL 271 LABEL 272 LABEL 273 LABEL 275 LABEL 146	L EPCS B STATUS LABELS

SCHEMATIC REFERENCE	D881X PIN		D883X PIN		MNEMONIC NO 	DESCRIPTION	REMARKS
	A	B	A	B			
73-21-14			EE13	EE14	DD1801 THRU DD1816	ENG CONFIG	R EPCS B DATA
					DV561 DV562 DV563 DV564 DV573 DV565 DV575 DV569 DV567 DV568 DV574 DV566 DV576 DV570 DV571 DV572 DV577 DV578 DV579 DV580	EPR ACTUAL EPR COMMAND EPR MAXIMUM EGT BLEED VALVE ACT BURNER PRESSURE ENG OIL TEMP INLET TOTAL PRESS INLET TOTAL TEMP N1 ROTOR SPEED N2 CORRECTED N2 ROTOR SPEED STATIC PRESSURE STATOR VANE POS THRUST LEV ANGLE THRUST REV POS SCAVENGE TEMP EXH GAS PRESS. AIR/OIL COOLER TURB CASE COOLING	
					RBS1 RBS2 RBS3 RBS4 RBS5 RBS6	LABEL 270 LABEL 271 LABEL 272 LABEL 273 LABEL 275 LABEL 146	R EPCS B STATUS LABELS

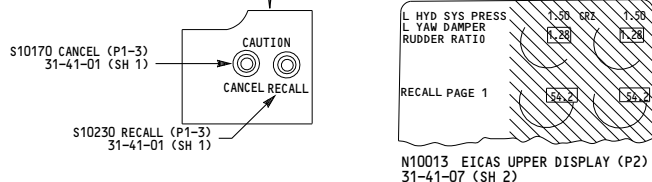
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### ENGINE INDICATION AND CREW ALERTING SYSTEM DIGITAL INPUTS

D280T232

## 31-41-03

Page 101  
Sheet 2  
Jan 21/2005



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D280T232

4

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613

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBXX PIN	DISAGREE INPUT NO	INPUT REQ FOR MESSAGE BY INPUT NO	MESSAGE	LEVEL
26-11-01 (SH 2)	BE4	57	57	L ENG FIRE	A
26-11-01 (SH 2)	BE5	246	246	L ENG OVHT	B
26-11-01 (SH 2)	EA2	430	430	FIRE/OVHT SYS	C
26-11-02	DG3	99	99	R ENG FIRE	A
26-11-02	DG5	466	466	R ENG OVHT	B
26-15-01 (SH 2)	FF2	359	359	APU FIRE	A
26-16-01 (SH 2)	DF7	370	370	FWD CARGO FIRE	A
26-16-01 (SH 2)	FF7	472	472	AFT CARGO FIRE	A
26-17-01 (SH 2)	DB10	203	203	WHEEL WELL FIRE	A
26-18-01 (SH 2)	DC2	267	267	BODY DUCT LEAK	B
26-18-01 (SH 2)	BF4	217	217	L BLD DUCT LEAK	B
26-18-01 (SH 2)	DG4	451	451	R BLD DUCT LEAK	B
26-18-01 (SH 3)	DH2	450	450	L STRUT DCT LEAK	B
26-18-01 (SH 3)	DH5	98	98	R STRUT DCT LEAK	B
26-21-01	DG2	114	114	ENG BTL 1	C
26-21-01	FE3	417	417	ENG BTL 2	C
NC	DC9	42	42	APU BTL	C
26-22-01	DF2	498	498	APU BTL 1	C
26-22-01	FF9	165	165	APU BTL 2	C
26-23-01	DD1	146	146	CARGO BTL 1	C
26-23-01	FC8	389	389	CARGO BTL 2	C
27-00-01 (SH 1)			2 OR MORE OF (54, 211, 245, 278, 355, 408)	FLT CONT VALS	C
27-00-01 (SH 1)	EJ6	278	278 FLT CONT VALS	C WING HYD VAL	C
27-00-01 (SH 1)	BK13	245	245 FLT CONT VALS	L WING HYD VAL	C
27-00-01 (SH 1)	EJ2	54	54 FLT CONT VALS	R WING HYD VAL	C
27-00-01 (SH 2)	AH1	211	211 FLT CONT VALS	C TAIL HYD VAL	C
27-00-01 (SH 2)	AH8	355	355 FLT CONT VALS	L TAIL HYD VAL	C
27-00-01 (SH 2)	DK8	408	408 FLT CONT VALS	R TAIL HYD VAL	C
27-10-02 (SH 2)	DC3	382	382	AILERON LOCKOUT	C
27-20-02 (SH 2)	DC13	414	414 (R ENG RUNNING + R ENG RUN 30 SEC TD)	RUDDER RATIO	C
27-40-01 (SH 5)	AD11	276	276	STAB TRIM	C
27-40-01 (SH 5)	EB12	302	302	UNSCD STAB TRIM	B
27-51-03	DB15	475	475	FLAP LD RELIEF	C
27-51-05	DG15	122	122	TE FLAP ASYM	B
27-58-03	ED1	346	346	TE FLAP DISAGREE	B
27-61-03 (SH 4)	DC11	90	90	SPOILERS	C
27-62-01 (SH 2)	AG9	66	66	AUTO SPEEDBRAKE	C
27-88-01 (SH 6)	EB1	474	474	LE SLAT ASYM	B
27-88-01 (SH 6)	DB14	460	460	LE SLAT DISAGREE	B
28-31-01	BE8	281	281.767.6 SEC TD	FUEL JET NOZ	C
28-31-01	AH9	275	275.767.6 SEC TD	L JET XFER VALVE	C
28-31-01	AH2	196	196.767.10 SEC TD	L FUEL JET PUMP	C
28-31-01	DK4	180	180.767.10 SEC TD	R FUEL JET PUMP	C
28-31-01	DK5	184	184.767.6 SEC TD	R JET XFER VALVE	C

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBXX PIN	DISAGREE INPUT NO	INPUT REQ FOR MESSAGE BY INPUT NO	MESSAGE	LEVEL
28-40-01	DH8	322	322.10 SEC TD L PRESS	L FWD FUEL PUMP	C
28-40-01	FH8	361	361.10 SEC TD L PRESS	L AFT FUEL PUMP	C
28-40-01	FH9	377	377.10 SEC TD R PRESS	R FWD FUEL PUMP	C
28-40-01	DH3	452	452.10 SEC TD R PRESS	R AFT FUEL PUMP	C
28-40-01	DH6	100	100.10 SEC TD L PRESS	CTR L FUEL PUMP	C
28-40-01	FJ9	153	153.10 SEC TD R PRESS	CTR R FUEL PUMP	C
28-40-01	ED5	107	107.6 SEC TD	L FUEL SPAR VAL	C
28-40-01	EC1	331	331.6 SEC TD	R FUEL SPAR VAL	C
28-40-01	EC2	399	399.6 SEC TD	FUEL CROSSFEED	C
28-40-01	BE7	87	(322.10 SEC TD) (361.10 SEC TD)	L FUEL SYS PRESS	B
28-40-01	FH4	357	E187.10 SEC TD (357 + 399) +(ALL RH PUMPS LOW PRESS 10 SEC TD))		
28-40-01	DG8	338	(377.10 SEC TD) (452.10 SEC TD) (338.10 SEC TD) (357 + 399) +(ALL LH PUMPS LOW PRESS 10 SEC TD))	R FUEL SYS PRESS	B
28-40-01	ED13	31	459.31	LOW FUEL	B
28-40-01	ED3	459	459.31	FUEL CONFIG	C
28-40-01	FA10	288	288.6 SEC TD	APU FUEL VAL	C
29-00-02 (SH 1)	DE14	403	403.1 SEC TD	L HYD SYS PRESS	B
29-00-02 (SH 1)	AK2	195	195. L HYD SYS PRESS L ENG RUN 767	L HYD PRIM PUMP	C
29-00-02 (SH 1)	AK11	35	35. L HYD SYS PRESS 767	L HYD DEM PUMP	C
29-00-02 (SH 1)	FG4	94	94.767	L PRIM HYD OVHT	C
29-00-02 (SH 2)	BK7	216	216.767	L DEM HYD OVHT	C
NC	BK11	85	85.10 SEC TD	L T/R ALTN VAL	B
29-00-03 (SH 1)	FC9	120	120.1 SEC TD	R HYD SYS PRESS	B
29-00-03 (SH 1)	DK13	284	284. R HYD SYS PRESS R ENG RUN 767	R HYD PRIM PUMP	C
29-00-03 (SH 1)	FK2	462	462. R HYD SYS PRESS 767	R HYD DEM PUMP	C
29-00-03 (SH 1)	AK4	482	482.767	R PRIM HYD OVHT	C
29-00-03 (SH 2)	AK8	258	258.767	R DEM HYD OVHT	C
NC	BK10	309	309.10 SEC TD	R T/R ALTN VAL	B
29-00-04 (SH 3)	AG11	259	259. C HYD SYS PRESS 5 SEC TD 767	C HYD PRIM 1	C
29-00-04 (SH 1)	FK10	64	64.6 SEC TD 767 INSTLN	RSV BRAKE VAL	C
29-00-04 (SH 1)	BK8	471	471	C HYD 1 OVHT	C
29-00-04 (SH 3)	DJ11	220	220. C HYD SYS PRESS 5 SEC TD 767	C HYD PRIM 2	C
29-00-04 (SH 3)	AK3	34	34	C HYD 2 OVHT	C
29-00-04 (SH 3)	DJ10	60	60.1 SEC TD	C HYD SYS PRESS	B
29-00-04 (SH 3)	AK5	194	194. C HYD SYS PRESS	C HYD DEM PUMP	C
29-00-05 (SH 2)	FE10	224	224	C DEM HYD OVHT	C
29-00-06 (SH 1)	FK6	437	437	RAT UNLOCKED	C
29-00-07 (SH 2)	E43	410	410	L HYD QTY	C
29-00-07 (SH 2)	EC7	221	221	R HYD QTY	C
29-00-07 (SH 2)	DB6	154	154	C HYD QTY	C

050-099, 155-199, 275-299

**EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC**

D280T232

**31-41-04**

Page 101  
Sheet 2  
Jan 21/2005



# 767-200/300 SYSTEM SCHEMATIC MANUAL

624

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	LEVEL
30-11-01 (SH 1)	F67	318	318. 2.5 SEC TD	L WING ANTI-ICE	C
30-11-01 (SH 1)	FJ2	447	447. 2.5 SEC TD	R WING ANTI-ICE	C
30-21-01 (SH 1)	EC14	305	305. 2.5 SEC TD. L ENG RUN	L ENG ANTI-ICE	C
30-21-01 (SH 1)	EA5	238	238. 2.5 SEC TD. R ENG RUN	R ENG ANTI-ICE	C
30-30-01	EC3	45	45. PROBE HEAT	CAPT PITOT	C
30-30-01	EA6	449	449. PROBE HEAT	F/O PITOT	C
30-30-01	AD1	269	269. PROBE HEAT	L AUX PITOT	C
30-30-01	DB9	97	97. PROBE HEAT	R AUX PITOT	C
30-34-02 (SH 2)			486. 51. L ENG RUN + 499.436. R ENG RUN	ENG MACH PROBES	C
30-34-02 (SH 2)			ENG MACH PROBES. EITHER TAI BUG YELLOW	TAI N1	C
30-30-01	DB5	155	155. PROBE HEAT	L AOA PROBE	C
30-30-01	EA7	241	241. PROBE HEAT	R AOA PROBE	C
30-30-01	EA4	411	411. PROBE HEAT	TAT PROBE	C
NC	EC8	379	379. PROBE HEAT	L TAT PROBE	C
NC	EC13	321	321. PROBE HEAT	R TAT PROBE	C
30-30-01	DB11	81	81. L ENG RUN. PROBE HEAT	L ENG EEC PROBE	C
30-30-01	EA8	190	190. R ENG RUN. PROBE HEAT	R ENG EEC PROBE	C
30-30-01			2 OR MORE OF (45, 449, 269, 97, 155, 241, 411, 379, 321, (81. L ENG RUN, JT9D P.P.), (81. RR P.P.) (190. R ENG RUN, JT9D P.P.), (190. RR P.P.))	PROBE HEAT	C
30-41-01 (SH 1)	EC6	29	29. WINDOW HEAT	L FWD WINDOW	C
30-41-01 (SH 1)	AD2	253	253. WINDOW HEAT	R SIDE WINDOW	C
30-41-01 (SH 1)	EC4	189	189. WINDOW HEAT	L SIDE WINDOW	C
30-41-01 (SH 1)	EC5	205	205. WINDOW HEAT	R FWD WINDOW	C
30-41-01 (SH 1)			2 OR MORE OF (29, 189, 205, 253)	WINDOW HEAT	C
30-81-01	ED6	174	174.404.767.5 SEC TD	ICING ENGINE	B
30-81-01	ED7	254	254.404.767.5 SEC TD	ICING WING	C
30-81-01	BB13 BH8	461 455	[[ (461.0N GND) + (461 IN AIR) ].404.767]. SEC TD I. [(455.0N GND) + (455. IN AIR) ]. 404.767].5 SEC TD.]	ICE DETECTORS	C
31-41-01 (SH 2)			NO VALID ARINC 429 RECEIVED.1 SEC TD	EICAS CONT PNL	C

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	LEVEL
31-41-06 (SH 1)	AC3 AB3 AC5 AC4	— — — —	(ANY DU FAULT) + (BLACKED OUT DISPLAY) + (CMPTR FAULT))	EICAS DISPLAY	C
31-51-03	AG15	235	235	PARKING BRAKE	A
31-51-03	DA15	108	108	FLAPS	A
31-51-03	ED2	332	332	SPOILERS	A
31-51-03	EA1	431	431	STABILIZER	A
31-51-04	BC14	463	463	SPEEDBRAKES EXT	B
31-51-04	BG14	349	349	GEAR NOT DOWN	A
32-41-01 (SH 1)	EH12	47	47	BRAKE SOURCE	C
32-41-01 (SH 1)	AG3	226	226, 235	PARKING BRAKE	C
32-42-03 (SH 2)	AG6	290	290	AUTOBRAKES	C
32-42-04 (SH 2)	FH10	65	65, 199	ANTISKID	C
32-42-04 (SH 2)	EJ5	199	199	ANTISKID OFF	C
NC	FC5	456	456, 767 INSTLN	TAILSKID	C
32-61-01 (SH 2)	DB7	43	(43.298.25 SEC TD). (.210 + (313.127.89.383) + (439.227.293.479) + (372.344))	GEAR DISAGREE	B
32-61-01 (SH 2)	AG12	298			
	AK6	210			
	DF6	372			
	FC7	344			
32-61-01 (SH 2)	BF9	313	(43.298.25 SEC TD) (.313.127).(89 + 383) .767 INSTLN.210	L SIDE BRACE	B
32-61-01 (SH 2)	BG9	127			
32-61-01 (SH 2)	BF1	89	(43.298.25 SEC TD) (.89.383).(313 + 127) .767 INSTLN.210	L DRAG BRACE	B
32-61-01 (SH 2)	BG15	383			
32-61-01 (SH 2)	DE7	439	(43.298.25 SEC TD) (.439.277).(293 + 479) .767 INSTLN.210	R SIDE BRACE	B
32-61-01 (SH 2)	EJ7	277			
32-61-01 (SH 2)	DF9	293	(43.298.25 SEC TD) (293.479).(439 + 277) .767 INSTLN. 210	R DRAG BRACE	B
32-61-01 (SH 2)	BE15	479			
32-61-01 (SH 2)	BF14	125	(125.335) 35 SEC TD	GEAR DOORS	B
	FC2	335			
33-51-01 (SH 1)	EA11	193	193	EMER LIGHTS	C
34-12-01	FE5	136	136 + 111	OVERSPEED	A
	BC15	111			
34-16-01	BE14	477	477	ALT ALERT	B
34-21-01 (SH 2)	AG8	68	68	L IRS DC FAIL	C
34-21-01 (SH 2)	AG5	292	292	L IRS FAULT	C
34-21-01 (SH 2)	AG1	228	228	L IRS ON DC	C
34-21-02	DE9	168	168	R IRS DC FAIL	C
34-21-02	DE2	392	392	R IRS FAULT	C
34-21-02	DE5	424	424	R IRS ON DC	C
34-21-03	FC3	374	374	C IRS DC FAIL	C
34-21-03	FC4	502	502	C IRS FAULT	C
34-21-03	FD5	150	150	C IRS ON DC	C
34-22-09 (SH 2)	FA9	289	289	INSTR SWITCH	B

050-099, 155-199, 275-299



EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC

D280T232

**31-41-04**




Page 101  
Sheet 3  
Jan 21/2005

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER) 	MESSAGE	LEVEL 
34-53-01	EA13	79	79	ATC FAULT	C
34-61-02 (SH 2)	AG13	299	299	FMC MESSAGE	C
34-61-02 (SH 2)	EK14	257	257.3 SEC TD	L FMC FAIL	C
34-61-04	BK1	239	239.3 SEC TD	R FMC FAIL	C
35-21-01 (SH 1)	FF6	141	141	PASS OXYGEN ON	C
35-21-01 (SH 1)	EE5	375	(25< 500 PSI+25< 552) + (LATCH.25 < 575 PSI+25< 552+75 PSI).375.767	LOW CREW OXYGEN	C
36-11-01	BG11	231	231.6 SECS TD	L BLD ISLN VAL	C
36-11-02	BG7	71	71.6 SECS TD	R BLD ISLN VAL	C
36-11-03	BG13	295	295.6 SECS TD	C BLD ISLN VAL	C
36-11-04 (SH 2)	FF1	365	365.6 SECS TD	APU BLEED VAL	C
36-11-05	EK3	428	428. L ENG RUN	L ENG BLEED OFF	C
36-11-06	EK6	172	172. R ENG RUN	R ENG BLEED OFF	C
36-11-07	EK10	396	396	L ENG HPSOV	B
36-11-07	BH09	469	469	L ENG PRV	B
36-11-08	EK2	427	427	R ENG HPSOV	B
36-11-08	BJ12	117	117	R ENG PRV	B
36-22-01	EK7	171	171	L ENG BLD OVHT	C
36-22-01	EK11	395	395	R ENG BLD OVHT	C
49-00-04 (SH 1)	FB6	105	105	APU FAULT	C
52-70-01 (SH 2)	BB12	496	496. EMER DOORS	L EMER DOOR	C
52-70-01 (SH 1)	BA10	352	352. L ENT DOORS	L FWD ENT DOOR	C
52-70-01 (SH 1)	BE12	368	368. L ENT DOORS	L AFT ENT DOOR	C
52-70-01 (SH 1)			352.368	L ENT DOORS	C
52-70-01 (SH 2)	BD5	481	481. EMER DOORS	R EMER DOOR	C
52-70-01 (SH 1)	AD14	369	369. R ENT DOORS	R FWD ENT DOOR	C
52-70-01 (SH 1)	AD13	353	353. R ENT DOORS	R AFT ENT DOOR	C
52-70-01 (SH 1)			369.353	R ENT DOORS	C
52-70-01 (SH 2)			2 OR MORE OF (496, 481, 109, 333)	EMER DOORS	C
52-70-01 (SH 3)	BA12	109	109. EMER DOORS	L WING SLIDE	C
52-70-01 (SH 3)	BB10	333	333. EMER DOORS	R WING SLIDE	C
52-70-01 (SH 3)	BB7	416	416. ACCESS DOORS	FWD ACCESS DOOR	C
52-70-01 (SH 3)	BA6	160	160. ACCESS DOORS	E/E ACCESS DOOR	C
52-70-01 (SH 3)			416.160	ACCESS DOORS	C
52-70-01 (SH 3)	FF4	493	493. CARGO DOORS	BULK CARGO DOOR	C
NC	BC5	166	166.767	FWD CARGO DOOR	B
52-70-01 (SH 3)	AF15	384	384. CARGO DOORS	FWD CARGO DOOR	C
52-70-01 (SH 3)	BA7	497	497. CARGO DOORS	AFT CARGO DOOR	C
52-70-01 (SH 3)			2 OR MORE OF (493, 384, 497)	CARGO DOORS	C
NC	BB11	128	128	FLT DECK DOOR	C

## 767-200/300 SYSTEM SCHEMATIC MANUAL

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER) 	MESSAGE	LEVEL 
73-14-01	AJ11	50	50. 30 SEC TD	L ENG FUEL FILT	C
73-14-01	BF5	325	325.10 SEC TD	L FUEL HEAT VAL	C
73-14-01	AK7	274	274. 30 SEC TD	R ENG FUEL FILT	C
73-14-01	DF10	296	296. 10 SEC TD	R FUEL HEAT VAL	C
76-11-01 (SH 4)	BD14	350	350 + 134	L ENG SHUTDOWN	B
76-11-01 (SH 4)	BJ11	134			
76-11-01 (SH 4)	BJ3	429	429 + 147	R ENG SHUTDOWN	B
76-11-01 (SH 4)	DK6	147			
76-11-01 (SH 4)	BF13	303	303.6 SECS TD	L ENG FUEL VAL	C
76-11-01 (SH 4)	BD15	415	415.6 SEC TD	R ENG FUEL VAL	C
78-36-01 (SH 1)			103.L AC BUS ON .2 SEC TD 391.R AC BUS ON .2 SEC TD	L REV ISLN VAL R REV ISLN VAL	C
79-00-01 (SH 2)	AH3	483	483. L ENG RUN. FAA	L ENG OIL PRESS	C
79-00-01 (SH 2)	DK10	371	371. R ENG RUN. FAA	R ENG OIL PRESS	C
79-00-01 (SH 2)	AH4	131	131	L OIL FILTER	C
79-00-01 (SH 2)	DK3	423	423	R OIL FILTER	C
80-11-01 (SH 2)	FD9	152	152.5 SEC TD	L STARTER CUTOUT	B
80-11-01 (SH 2)	FB5	121	121.5 SEC TD	R STARTER CUTOUT	B
80-11-01 (SH 2)	BH11	327	327.152.5 SEC TD	L ENG STARTER	C
80-11-01 (SH 2)	BK2	440	440.121.5 SEC TD	R ENG STARTER	C

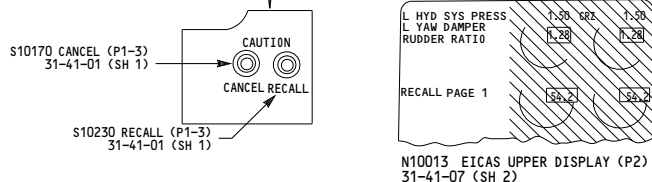
050-099, 155-199, 275-299

**EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC**

D280T232

# 31-41-04

Page 101  
Sheet 4  
Jan 21/2005



- |  |       |
|--|-------|
|  | FIG 4 |
|--|-------|

D280T232

4

641

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO	INPUT REQ FOR MESSAGE BY INPUT NO	MESSAGE	LEVEL
26-11-01 (SH 2)	BE4	57	57	L ENG FIRE	A
26-11-01 (SH 2)	BE5	246	246	L ENG OVHT	B
26-11-01 (SH 2)	EA2	430	430	FIRE/OVHT SYS	C
26-11-02	DG3	99	99	R ENG FIRE	A
26-11-02	DG5	466	466	R ENG OVHT	B
26-15-01 (SH 2)	FF2	359	359	APU FIRE	A
26-16-01 (SH 2)	DF7	370	370	FWD CARGO FIRE	A
26-16-01 (SH 2)	FF7	472	472	AFT CARGO FIRE	A
26-17-01 (SH 2)	DB10	203	203	WHEEL WELL FIRE	A
26-18-01 (SH 2)	DC2	267	267	BODY DUCT LEAK	B
26-18-01 (SH 2)	BF4	217	217	L BLD DUCT LEAK	B
26-18-01 (SH 2)	DG4	451	451	R BLD DUCT LEAK	B
26-18-01 (SH 3)	DH2	450	450	L STRUT DCT LEAK	B
26-18-01 (SH 3)	DH5	98	98	R STRUT DCT LEAK	B
26-21-01	DG2	114	114	ENG BTL 1	C
26-21-01	FE3	417	417	ENG BTL 2	C
NC	DC9	42	42	APU BTL	C
26-22-01	DF2	498	498	APU BTL 1	C
26-22-01	FF9	165	165	APU BTL 2	C
26-23-01	DD1	146	146	CARGO BTL 1	C
26-23-01	FC8	389	389	CARGO BTL 2	C
27-00-01 (SH 1)			2 OR MORE OF (54, 211, 245, 278, 355, 408)	FLT CONT VALS	C
27-00-01 (SH 1)	EJ6	278	278 FLT CONT VALS	C WING HYD VAL	C
27-00-01 (SH 1)	BK13	245	245 FLT CONT VALS	L WING HYD VAL	C
27-00-01 (SH 1)	EJ2	54	54 FLT CONT VALS	R WING HYD VAL	C
27-00-01 (SH 2)	AH1	211	211 FLT CONT VALS	C TAIL HYD VAL	C
27-00-01 (SH 2)	AH8	355	355 FLT CONT VALS	L TAIL HYD VAL	C
27-00-01 (SH 2)	DK8	408	408 FLT CONT VALS	R TAIL HYD VAL	C
27-10-02 (SH 2)	DC3	382	382	AILERON LOCKOUT	C
27-20-02 (SH 2)	DC13	414	414 (R ENG RUNNING + R ENG RUN 30 SEC TD)	RUDDER RATIO	C
27-40-01 (SH 5)	AD11	276	276	STAB TRIM	C
27-40-01 (SH 5)	EB12	302	302	UNSCD STAB TRIM	B
27-51-03	DB15	475	475	FLAP LD RELIEF	C
27-51-05	DG15	122	122	TE FLAP ASYM	B
27-58-03	ED1	346	346	TE FLAP DISAGREE	B
27-61-03 (SH 4)	DC11	90	90	SPOILERS	C
27-62-01 (SH 2)	AG9	66	66	AUTO SPEEDBRAKE	C
27-88-01 (SH 6)	EB1	474	474	LE SLAT ASYM	B
27-88-01 (SH 6)	DB14	460	460	LE SLAT DISAGREE	B
28-31-01	BE8	281	281.767.6 SEC TD	FUEL JET NOZ	C
28-31-01	AH9	275	275.767.6 SEC TD	L JET XFER VALVE	C
28-31-01	AH2	196	196.767.10 SEC TD	L FUEL JET PUMP	C
28-31-01	DK4	180	180.767.10 SEC TD	R FUEL JET PUMP	C
28-31-01	DK5	184	184.767.6 SEC TD	R JET XFER VALVE	C

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO	INPUT REQ FOR MESSAGE BY INPUT NO	MESSAGE	LEVEL
28-40-01	DH8	322	322.10 SEC TD L PRESS	L FWD FUEL PUMP	C
28-40-01	FH8	361	361.10 SEC TD L PRESS	L AFT FUEL PUMP	C
28-40-01	FH9	377	377.10 SEC TD R PRESS	R FWD FUEL PUMP	C
28-40-01	DH3	452	452.10 SEC TD R PRESS	R AFT FUEL PUMP	C
28-40-01	DH6	100	100.10 SEC TD L PRESS	CTR L FUEL PUMP	C
28-40-01	FJ9	153	153.10 SEC TD R PRESS	CTR R FUEL PUMP	C
28-40-01	ED5	107	107.6 SEC TD	L FUEL SPAR VAL	C
28-40-01	EC1	331	331.6 SEC TD	R FUEL SPAR VAL	C
28-40-01	EC2	399	399.442.104.6 SEC TD	FUEL CROSSFEED	C
28-40-01	DC14	442			
28-40-01	FD6	104			
28-40-01	DH8	322	322.361.87.10 SEC TD. (357 + (442.104) + (399.442.104)) +	L FUEL SYS PRESS	B
28-40-01	FH8	361	337.452.338.10 SEC TD		
28-40-01	BE7	87			
28-40-01	FH9	377	377.452.338.10 SEC TD. (357 + (442.104) + (339.442.104)) +	R FUEL SYS PRESS	B
28-40-01	DH3	452	332.361.87.10 SEC TD		
28-40-01	DG8	338			
28-40-01	ED13	31	459.31	LOW FUEL	B
28-40-01	ED3	459	459.31	FUEL CONFIG	C
28-40-01	FA10	288	288.6 SEC TD	APU FUEL VAL	C
28-40-01	FD6	104	104.6 SEC TD	AFT FUEL X-FEED	C
28-40-01	DC14	442	442.6 SEC TD	FWD FUEL X-FEED	C
29-00-02 (SH 1)	DE14	403	403.1 SEC TD	L HYD SYS PRESS	B
29-00-02 (SH 1)	AK2	195	195. L HYD SYS PRESS L ENG RUN 767	L HYD PRIM PUMP	C
29-00-02 (SH 1)	AK11	35	35. L HYD SYS PRESS 767	L HYD DEM PUMP	C
29-00-02 (SH 1)	FG4	94	94.767	L PRIM HYD OVHT	C
29-00-02 (SH 2)	BK7	216	216.767	L DEM HYD OVHT	C
NC	BK11	85	85.10 SEC TD	L T/R ALTN VAL	B
29-00-03 (SH 1)	FC9	120	120.1 SEC TD	R HYD SYS PRESS	B
29-00-03 (SH 1)	DK13	284	284. R HYD SYS PRESS R ENG RUN 767	R HYD PRIM PUMP	C
29-00-03 (SH 1)	FK2	462	462. R HYD SYS PRESS 767	R HYD DEM PUMP	C
29-00-03 (SH 1)	AK4	482	482.767	R PRIM HYD OVHT	C
29-00-03 (SH 2)	AK8	258	258.767	R DEM HYD OVHT	C
NC	BK10	309	309.10 SEC TD	R T/R ALTN VAL	B
29-00-04 (SH 3)	AG11	259	259. C HYD SYS PRESS 5 SEC TD 767	C HYD PRIM 1	C
29-00-04 (SH 1)	FK10	64	64.6 SEC TD 767 INSTLN	RSV BRAKE VAL	C
29-00-04 (SH 1)	BK8	471	471	C HYD 1 OVHT	C
29-00-04 (SH 3)	DJ11	220	220. C HYD SYS PRESS 5 SEC TD 767	C HYD PRIM 2	C
29-00-04 (SH 3)	AK3	34	34	C HYD 2 OVHT	C
29-00-04 (SH 3)	DJ10	60	60.1 SEC TD	C HYD SYS PRESS	B
29-00-04 (SH 3)	AK5	194	194. C HYD SYS PRESS	C HYD DEM PUMP	C
29-00-05 (SH 2)	FE10	224	224	C DEM HYD OVHT	C
29-00-06 (SH 1)	FK6	437	437	RAT UNLOCKED	C
29-00-07 (SH 2)	E43	410	410	L HYD QTY	C
29-00-07 (SH 2)	EC7	221	221	R HYD QTY	C
29-00-07 (SH 2)	DB6	154	154	C HYD QTY	C

050-051, 275-280

**EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC**

D280T232

Incorporates  
SL-31-030-A

**31-41-04**

Page 101.1  
Sheet 2  
Jan 21/2005





# 767-200/300 SYSTEM SCHEMATIC MANUAL

624

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	LEVEL
30-11-01 (SH 1)	F67	318	318. 2.5 SEC TD	L WING ANTI-ICE	C
30-11-01 (SH 1)	FJ2	447	447. 2.5 SEC TD	R WING ANTI-ICE	C
30-21-01 (SH 1)	EC14	305	305. 2.5 SEC TD. L ENG RUN	L ENG ANTI-ICE	C
30-21-01 (SH 1)	EA5	238	238. 2.5 SEC TD. R ENG RUN	R ENG ANTI-ICE	C
30-30-01	EC3	45	45. PROBE HEAT	CAPT PITOT	C
30-30-01	EA6	449	449. PROBE HEAT	F/O PITOT	C
30-30-01	AD1	269	269. PROBE HEAT	L AUX PITOT	C
30-30-01	DB9	97	97. PROBE HEAT	R AUX PITOT	C
30-34-02 (SH 2)			486. 51. L ENG RUN + 499.436. R ENG RUN	ENG MACH PROBES	C
30-34-02 (SH 2)			ENG MACH PROBES. EITHER TAI BUG YELLOW	TAI N1	C
30-30-01	DB5	155	155. PROBE HEAT	L AOA PROBE	C
30-30-01	EA7	241	241. PROBE HEAT	R AOA PROBE	C
30-30-01	EA4	411	411. PROBE HEAT	TAT PROBE	C
NC	EC8	379	379. PROBE HEAT	L TAT PROBE	C
NC	EC13	321	321. PROBE HEAT	R TAT PROBE	C
30-30-01	DB11	81	81. L ENG RUN. PROBE HEAT	L ENG EEC PROBE	C
30-30-01	EA8	190	190. R ENG RUN. PROBE HEAT	R ENG EEC PROBE	C
30-30-01			2 OR MORE OF (45, 449, 269, 97, 155, 241, 411, 379, 321, (81. L ENG RUN, JT9D P.P.), (81. RR P.P.) (190. R ENG RUN, JT9D P.P.), (190. RR P.P.)	PROBE HEAT	C
30-41-01 (SH 1)	EC6	29	29. WINDOW HEAT	L FWD WINDOW	C
30-41-01 (SH 1)	AD2	253	253. WINDOW HEAT	R SIDE WINDOW	C
30-41-01 (SH 1)	EC4	189	189. WINDOW HEAT	L SIDE WINDOW	C
30-41-01 (SH 1)	EC5	205	205. WINDOW HEAT	R FWD WINDOW	C
30-41-01 (SH 1)			2 OR MORE OF (29, 189, 205, 253)	WINDOW HEAT	C
30-81-01	ED6	174	174.404.767.5 SEC TD	ICING ENGINE	B
30-81-01	ED7	254	254.404.767.5 SEC TD	ICING WING	C
30-81-01	BB13 BH8	461 455	[[ (461.0N GND) + (461 IN AIR) ].404.767]. SEC TD I. [(455.0N GND) + (455. IN AIR) ]. 404.767].5 SEC TD]	ICE DETECTORS	C
31-41-01 (SH 2)			NO VALID ARINC 429 RECEIVED.1 SEC TD	EICAS CONT PNL	C

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	LEVEL
31-41-06 (SH 1)	AC3 AB3 AC5 AC4	— — — —	(ANY DU FAULT) + (BLACKED OUT DISPLAY) + (CMPTR FAULT)	EICAS DISPLAY	C
31-51-03	AG15	235	235	PARKING BRAKE	A
31-51-03	DA15	108	108	FLAPS	A
31-51-03	ED2	332	332	SPOILERS	A
31-51-03	EA1	431	431	STABILIZER	A
31-51-04	BC14	463	463	SPEEDBRAKES EXT	B
31-51-04	BG14	349	349	GEAR NOT DOWN	A
32-41-01 (SH 1)	EH12	47	47	BRAKE SOURCE	C
32-41-01 (SH 1)	AG3	226	226, 235	PARKING BRAKE	C
32-42-03 (SH 2)	AG6	290	290	AUTOBRAKES	C
32-42-04 (SH 2)	FH10	65	65, 199	ANTISKID	C
32-42-04 (SH 2)	EJ5	199	199	ANTISKID OFF	C
NC	FC5	456	456, 767 INSTLN	TAILSKID	C
32-61-01 (SH 2)	DB7	43	(43.298.25 SEC TD). (.210 + (313.127.89.383) + (439.227.293.479) + (372.344))	GEAR DISAGREE	B
32-61-01 (SH 2)	AG12	298			
	AK6	210			
	DF6	372			
	FC7	344			
32-61-01 (SH 2)	BF9	313	(43.298.25 SEC TD) (.313.127).(89 + 383) .767 INSTLN.210	L SIDE BRACE	B
32-61-01 (SH 2)	BG9	127			
32-61-01 (SH 2)	BF1	89	(43.298.25 SEC TD) (.89.383).(313 + 127) .767 INSTLN.210	L DRAG BRACE	B
32-61-01 (SH 2)	BG15	383			
32-61-01 (SH 2)	DE7	439	(43.298.25 SEC TD) (.439.277).(293 + 479) .767 INSTLN.210	R SIDE BRACE	B
32-61-01 (SH 2)	EJ7	277			
32-61-01 (SH 2)	DF9	293	(43.298.25 SEC TD) (293.479).(439 + 277) .767 INSTLN. 210	R DRAG BRACE	B
32-61-01 (SH 2)	BE15	479			
32-61-01 (SH 2)	BF14	125	(125.335) 35 SEC TD	GEAR DOORS	B
	FC2	335			
33-51-01 (SH 1)	EA11	193	193	EMER LIGHTS	C
34-12-01	FE5	136	136 + 111	OVERSPEED	A
	BC15	111			
34-16-01	BE14	477	477	ALT ALERT	B
34-21-01 (SH 2)	AG8	68	68	L IRS DC FAIL	C
34-21-01 (SH 2)	AG5	292	292	L IRS FAULT	C
34-21-01 (SH 2)	AG1	228	228	L IRS ON DC	C
34-21-02	DE9	168	168	R IRS DC FAIL	C
34-21-02	DE2	392	392	R IRS FAULT	C
34-21-02	DE5	424	424	R IRS ON DC	C
34-21-03	FC3	374	374	C IRS DC FAIL	C
34-21-03	FC4	502	502	C IRS FAULT	C
34-21-03	FD5	150	150	C IRS ON DC	C
34-22-09 (SH 2)	FA9	289	289	INSTR SWITCH	B

050-051, 275-280

EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC

D280T232

**31-41-04**

Page 101.1  
Sheet 3  
Jan 21/2005

659

TABLE 1 (CONT)





SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER) 	MESSAGE	LEVEL 
34-53-01	EA13	79	79	ATC FAULT	C
34-61-02 (SH 2)	AG13	299	299	FMC MESSAGE	C
34-61-02 (SH 2)	EK14	257	257.3 SEC TD	L FMC FAIL	C
34-61-04	BK1	239	239.3 SEC TD	R FMC FAIL	C
35-21-01 (SH 1)	FF6	141	141	PASS OXYGEN ON	C
35-21-01 (SH 1)	EE5	375	(25< 500 PSI+25< 552) + (LATCH.25 < 575 PSI+25< 552+75 PSI).375.767	LOW CREW OXYGEN	C
36-11-01	BG11	231	231.6 SECS TD	L BLD ISLN VAL	C
36-11-02	BG7	71	71.6 SECS TD	R BLD ISLN VAL	C
36-11-03	BG13	295	295.6 SECS TD	C BLD ISLN VAL	C
36-11-04 (SH 2)	FF1	365	365.6 SECS TD	APU BLEED VAL	C
36-11-05	EK3	428	428. L ENG RUN	L ENG BLEED OFF	C
36-11-06	EK6	172	172. R ENG RUN	R ENG BLEED OFF	C
36-11-07	EK10	396	396	L ENG HPSOV	B
36-11-07	BH09	469	469	L ENG PRV	B
36-11-08	EK2	427	427	R ENG HPSOV	B
36-11-08	BJ12	117	117	R ENG PRV	B
36-22-01	EK7	171	171	L ENG BLD OVHT	C
36-22-01	EK11	395	395	R ENG BLD OVHT	C
49-00-04 (SH 1)	FB6	105	105	APU FAULT	C
52-70-01 (SH 2)	BB12	496	496. EMER DOORS	L EMER DOOR	C
52-70-01 (SH 1)	BA10	352	352. L ENT DOORS	L FWD ENT DOOR	C
52-70-01 (SH 1)	BE12	368	368. L ENT DOORS	L AFT ENT DOOR	C
52-70-01 (SH 1)			352.368	L ENT DOORS	C
52-70-01 (SH 2)	BD5	481	481. EMER DOORS	R EMER DOOR	C
52-70-01 (SH 1)	AD14	369	369. R ENT DOORS	R FWD ENT DOOR	C
52-70-01 (SH 1)	AD13	353	353. R ENT DOORS	R AFT ENT DOOR	C
52-70-01 (SH 1)			369.353	R ENT DOORS	C
52-70-01 (SH 2)			2 OR MORE OF (496, 481, 109, 333)	EMER DOORS	C
52-70-01 (SH 3)	BA12	109	109. EMER DOORS	L WING SLIDE	C
52-70-01 (SH 3)	BB10	333	333. EMER DOORS	R WING SLIDE	C
52-70-01 (SH 3)	BB7	416	416. ACCESS DOORS	FWD ACCESS DOOR	C
52-70-01 (SH 3)	BA6	160	160. ACCESS DOORS	E/E ACCESS DOOR	C
52-70-01 (SH 3)			416.160	ACCESS DOORS	C
52-70-01 (SH 3)	FF4	493	493. CARGO DOORS	BULK CARGO DOOR	C
NC	BC5	166	166.767	FWD CARGO DOOR	B
52-70-01 (SH 3)	AF15	384	384. CARGO DOORS	FWD CARGO DOOR	C
52-70-01 (SH 3)	BA7	497	497. CARGO DOORS	AFT CARGO DOOR	C
52-70-01 (SH 3)			2 OR MORE OF (493, 384, 497)	CARGO DOORS	C
NC	BB11	128	128	FLT DECK DOOR	C


TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER) 	MESSAGE	LEVEL 
73-14-01	AJ11	50	50. 30 SEC TD	L ENG FUEL FILT	C
73-14-01	BF5	325	325.10 SEC TD	L FUEL HEAT VAL	C
73-14-01	AK7	274	274. 30 SEC TD	R ENG FUEL FILT	C
73-14-01	DF10	296	296. 10 SEC TD	R FUEL HEAT VAL	C
76-11-01 (SH 4)	BD14	350	350 + 134	L ENG SHUTDOWN	B
76-11-01 (SH 4)	BJ11	134			
76-11-01 (SH 4)	BJ3	429	429 + 147	R ENG SHUTDOWN	B
76-11-01 (SH 4)	DK6	147			
76-11-01 (SH 4)	BF13	303	303.6 SECS TD	L ENG FUEL VAL	C
76-11-01 (SH 4)	BD15	415	415.6 SEC TD	R ENG FUEL VAL	C
78-36-01 (SH 1)	BH7	103	103.L AC BUS OFF .2 SEC TD.ON GROUND	L REV ISLN VAL	C
78-36-01 (SH 1)	DH7	391	391.R AC BUS OFF .2 SEC TD.ON GROUND	R REV ISLN VAL	C
79-00-01 (SH 2)	AH3	483	483. L ENG RUN. FAA	L ENG OIL PRESS	C
79-00-01 (SH 2)	DK10	371	371. R ENG RUN. FAA	R ENG OIL PRESS	C
79-00-01 (SH 2)	AH4	131	131	L OIL FILTER	C
79-00-01 (SH 2)	DK3	423	423	R OIL FILTER	C
80-11-01 (SH 2)	FD9	152	152.5 SEC TD	L STARTER CUTOUT	B
80-11-01 (SH 2)	FB5	121	121.5 SEC TD	R STARTER CUTOUT	B
80-11-01 (SH 2)	BH11	327	327.152.5 SEC TD	L ENG STARTER	C
80-11-01 (SH 2)	DK2	440	440.121.5 SEC TD	R ENG STARTER	C

050-051, 275-280

**EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC**

D280T232

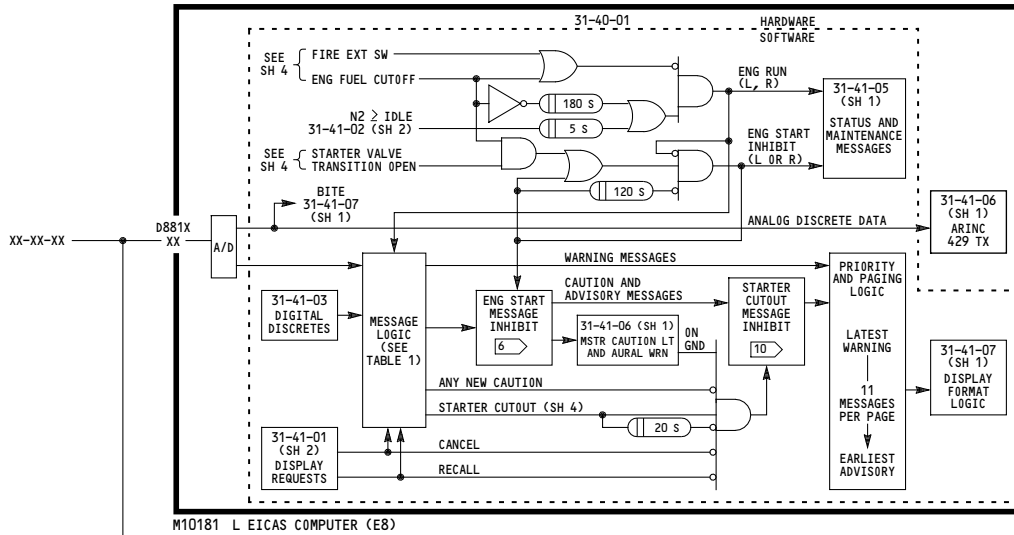
 Incorporates  
SL-31-030-A

**31-41-04**

Page 101.1  
Sheet 4  
Jan 21/2005

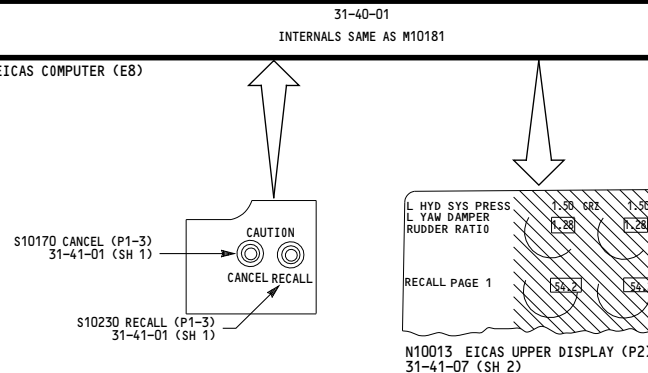
TABLE 1  
EICAS ANALOG DISCRETE INPUTS AND MESSAGES

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	LEVEL
21-25-01	AE7	138	138. 1 SEC TD.L UTIL BUS OFF	L RECIR FAN	C
21-25-02	AD6	362	362. 1 SEC TD.R UTIL BUS OFF	R RECIR FAN	C
21-31-01		3	112, 336. 5 SEC TD	CABIN AUTO INOP	B
21-33-01	AF13	291	291	CABIN ALTITUDE	A
21-43-01	BK4	80	80	FWD CARGO OVHT	C
21-44-01	DE1	148	148	AFT CARGO OVHT	C
21-44-02	EC9	465	465	BULK CARGO OVHT	C
21-50-01 (SH 2)	AD8	124	124	L PACK OFF	C
21-50-01 (SH 2)	AE6	92	92	L PACK TEMP	C
21-50-02 (SH 2)	AG10	348	348	R PACK OFF	C
21-50-02 (SH 2)	AD5	316	316	R PACK TEMP	C
21-58-01 (SH 2)	EG3	198	198	FWD EQPT VAL	C
21-58-01 (SH 2)	BG8	351	351. 767	FWD EQPT OVHT	C
21-58-02 (SH 2)	DE15	266	266. 767 INSTLN	FWD EQPT COOLING	B
21-58-02 (SH 1)	FF5	135	135. 1 SEC TD	FWD EQPT SMOKE	C
21-60-01 (SH 1)	DA13	315	315	TRIM AIR	C
21-60-02 (SH 1)	DA14	91	91	FLIGHT DECK TEMP	C
21-60-03 (SH 1)	FK9	505	505	FWD CABIN TEMP	C
21-60-04 (SH 1)	EJ10	271	271	AFT CABIN TEMP	C
21-60-05 (SH 1)	DB13	30	30	MID CABIN TEMP	C
22-10-04	DG7	323	(323, 240)	AUTOPILOT DISC	A
	EA9	240			
22-10-04	BJ2	478	478	AUTOPILOT	B
22-21-01 (SH 2)	DA6	212	212	L YAW DAMPER	C
22-21-02 (SH 2)	AD7	52	52	R YAW DAMPER	C
NC	FE4	425	425	MACH/SPD TRIM	C
22-30-02 (SH 1)	BD8	126	126. 1 SEC TD	AUTO THROT DISC	B
24-11-01	DA10	306	306. L ENG RUNNING	L GEN DRIVE	C
24-11-01	DA1	219	219. R ENG RUNNING	R GEN DRIVE	C
24-20-01 (SH 1)	DB3	236	236	L AC BUS OFF	B
24-20-01 (SH 1)	DB1	59	59. L ENG RUNNING.FAA	L GEN OFF	C
24-20-01 (SH 1)	DC6	44	44	L BUS ISOLATED	C
24-20-02 (SH 1)	DB2	76	76	R AC BUS OFF	B
24-20-02 (SH 1)	DA12	283	283. R ENG RUNNING.FAA	R GEN OFF	C
24-20-02 (SH 1)	DC1	268	268	R BUS ISOLATED	C
24-20-03 (SH 1)	DC7	187	187. 5 SEC TD	APU GEN OFF	C
24-31-01	EC15	142	142. 10 SEC TD.767	MAIN BAT DISCH	C
NC	DG10	435	435. 10 SEC TD.767	APU BAT DISCH	C
24-33-01	AD4	250	250	BATTERY OFF	C
24-33-01	DB4	26	26	STANDBY BUS OFF	C
24-51-01 (SH 3)	AE5	300	300. L AC BUS OFF	L UTIL BUS OFF	C
24-51-02 (SH 3)	DC8	204	204. R AC BUS OFF	R UTIL BUS OFF	C
26-00-01	DH02	450	450	L STRUT DCT LEAK	B
26-00-01	DH05	98	98	R STRUT DCT LEAK	B



M10181 L EICAS COMPUTER (E8)

M10182 R EICAS COMPUTER (E8)



# NOTES:

- 1 LEVEL A WARNING RED  
LEVEL B CAUTION YELLOW  
LEVEL C ADVISORY YELLOW
- 2 NO AURAL WARNING
- 3 SEE 31-41-05 (SH 1)
- 4 SEE 31-41-05 (SH 2)
- 5 SEE 31-41-05 (SH 3)
- 6 THESE MESSAGES ARE NOT INHIBITED: -  
L/R ENG SHUTDOWN, L/R STARTER CUTOFF,  
L/R ENG STARTER

- 7 SEE STATOR VANE ANTI-ICE 75-11-01
- 8 ALL INPUTS TRUE=GND FALSE=OPEN EXCEPT:  
357, 373, 386 TRUE=28V FALSE=OPEN  
257, 343 & ALL DU INPUTS TRUE=OPEN FALSE=GND  
ALL IRS INPUTS TRUE=10V FALSE=0V
- 9 MESSAGE DOES NOT RECALL CAUTION  
& ADVISORY MESSAGES AUTOMATICALLY
- 10 INHIBITS ALL MESSAGES EXCEPT  
L/R STARTER CUTOFF

## EICAS WARNING CAUTION AND ADVISORY ANALOG DISC

D280T232

Incorporates  
31-0100 R02

31-41-04

641

TABLE 1 (CONT)





SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO	INPUT REQ FOR MESSAGE BY INPUT NO 	MESSAGE	LEVEL 
26-11-01 (SH 2)	BE4	57	57	L ENG FIRE	A
26-11-01 (SH 2)	BE5	246	246	L ENG OVHT	B
26-11-01 (SH 2)	EA2	430	430	FIRE/OVHT SYS	C
26-11-02	DG3	99	99	R ENG FIRE	A
26-11-02	DG5	466	466	R ENG OVHT	B
26-15-01 (SH 2)	FF2	359	359	APU FIRE	A
26-16-01 (SH 2)	DF7	370	370	FWD CARGO FIRE	A
26-16-01 (SH 2)	FF7	472	472	AFT CARGO FIRE	A
26-17-01 (SH 2)	DB10	203	203	WHEEL WELL FIRE	A
26-18-01 (SH 2)	DC2	267	267	BODY DUCT LEAK	B
26-18-01 (SH 2)	BF4	217	217	L BLD DUCT LEAK	B
26-18-01 (SH 2)	DG4	451	451	R BLD DUCT LEAK	B
26-18-01 (SH 3)	DH2	450	450	L STRUT DCT LEAK	B
26-18-01 (SH 3)	DH5	98	98	R STRUT DCT LEAK	B
26-21-01	DG2	114	114	ENG BTL 1	C
26-21-01	FE3	417	417	ENG BTL 2	C
NC	DC9	42	42	APU BTL	C
26-22-01	DF2	498	498	APU BTL 1	C
26-22-01	FF9	165	165	APU BTL 2	C
26-23-01	DD1	146	146	CARGO BTL 1	C
26-23-01	FC8	389	389	CARGO BTL 2	C
27-00-01 (SH 1)			2 OR MORE OF (54, 211, 245, 278, 355, 408)	FLT CONT VALS	C
27-00-01 (SH 1)	EJ6	278	278 FLT CONT VALS	C WING HYD VAL	C
27-00-01 (SH 1)	BK13	245	245 FLT CONT VALS	L WING HYD VAL	C
27-00-01 (SH 1)	EJ2	54	54 FLT CONT VALS	R WING HYD VAL	C
27-00-01 (SH 2)	AH1	211	211 FLT CONT VALS	C TAIL HYD VAL	C
27-00-01 (SH 2)	AH8	355	355 FLT CONT VALS	L TAIL HYD VAL	C
27-00-01 (SH 2)	DK8	408	408 FLT CONT VALS	R TAIL HYD VAL	C
27-10-02 (SH 2)	DC3	382	382	AILERON LOCKOUT	C
27-20-02 (SH 2)	DC13	414	414 (R ENG RUNNING + R ENG RUN 30 SEC TD)	RUDDER RATIO	C
27-40-01 (SH 5)	AD11	276	276	STAB TRIM	C
27-40-01 (SH 5)	EB12	302	302	UNSCD STAB TRIM	B
27-51-03	DB15	475	475	FLAP LD RELIEF	C
27-51-05	DG15	122	122	TE FLAP ASYM	B
27-58-03	ED1	346	346	TE FLAP DISAGREE	B
27-61-03 (SH 4)	DC11	90	90	SPOILERS	C
27-62-01 (SH 2)	AG9	66	66	AUTO SPEEDBRAKE	C
27-88-01 (SH 6)	EB1	474	474	LE SLAT ASYM	B
27-88-01 (SH 6)	DB14	460	460	LE SLAT DISAGREE	B
28-31-01	BE8	281	281.767.6 SEC TD	FUEL JET NOZ	C
28-31-01	AH9	275	275.767.6 SEC TD	L JET XFER VALVE	C
28-31-01	AH2	196	196.767.10 SEC TD	L FUEL JET PUMP	C
28-31-01	DK4	180	180.767.10 SEC TD	R FUEL JET PUMP	C
28-31-01	DK5	184	184.767.6 SEC TD	R JET XFER VALVE	C


TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO	INPUT REQ FOR MESSAGE BY INPUT NO 	MESSAGE	LEVEL 
28-40-01	DH8	322	322.10 SEC TD L PRESS	L FWD FUEL PUMP	C
28-40-01	FH8	361	361.10 SEC TD L PRESS	L AFT FUEL PUMP	C
28-40-01	FH9	377	377.10 SEC TD R PRESS	R FWD FUEL PUMP	C
28-40-01	DH3	452	452.10 SEC TD R PRESS	R AFT FUEL PUMP	C
28-40-01	DH6	100	100.10 SEC TD L PRESS	CTR L FUEL PUMP	C
28-40-01	FJ9	153	153.10 SEC TD R PRESS	CTR R FUEL PUMP	C
28-40-01	ED5	107	107.6 SEC TD	L FUEL SPAR VAL	C
28-40-01	EC1	331	331.6 SEC TD	R FUEL SPAR VAL	C
28-40-01	EC2	399	399.442.104.6 SEC TD	FUEL CROSSFEED	C
28-40-01	DC14	442			
28-40-01	FD6	104			
28-40-01	DH8	322	322.361.87.10 SEC TD. (357 + (442.104) + (399.442.104)) +	L FUEL SYS PRESS	B
28-40-01	FH8	361	337.452.338.10 SEC TD		
28-40-01	BE7	87			
28-40-01	FH9	377	377.452.338.10 SEC TD. (357 + (442.104) + (339.442.104)) +	R FUEL SYS PRESS	B
28-40-01	DH3	452	332.361.87.10 SEC TD		
28-40-01	DG8	338			
28-40-01	ED13	31	459.31	LOW FUEL	B
28-40-01	ED3	459	459.31	FUEL CONFIG	C
28-40-01	FA10	288	288.6 SEC TD	APU FUEL VAL	C
28-40-01	FD6	104	104.6 SEC TD	AFT FUEL X-FEED	C
28-40-01	DC14	442	442.6 SEC TD	FWD FUEL X-FEED	C
29-00-02 (SH 1)	DE14	403	403.1 SEC TD	L HYD SYS PRESS	B
29-00-02 (SH 1)	AK2	195	195. L HYD SYS PRESS L ENG RUN 767	L HYD PRIM PUMP	C
29-00-02 (SH 1)	AK11	35	35. L HYD SYS PRESS 767	L HYD DEM PUMP	C
29-00-02 (SH 1)	FG4	94	94.767	L PRIM HYD OVHT	C
29-00-02 (SH 2)	BK7	216	216.767	L DEM HYD OVHT	C
NC	BK11	85	85.10 SEC TD	L T/R ALTN VAL	B
29-00-03 (SH 1)	FC9	120	120.1 SEC TD	R HYD SYS PRESS	B
29-00-03 (SH 1)	DK13	284	284. R HYD SYS PRESS R ENG RUN 767	R HYD PRIM PUMP	C
29-00-03 (SH 1)	FK2	462	462. R HYD SYS PRESS 767	R HYD DEM PUMP	C
29-00-03 (SH 1)	AK4	482	482.767	R PRIM HYD OVHT	C
29-00-03 (SH 2)	AK8	258	258.767	R DEM HYD OVHT	C
NC	BK10	309	309.10 SEC TD	R T/R ALTN VAL	B
29-00-04 (SH 3)	AG11	259	259. C HYD SYS PRESS 5 SEC TD 767	C HYD PRIM 1	C
29-00-04 (SH 1)	FK10	64	64.6 SEC TD 767 INSTLN	RSV BRAKE VAL	C
29-00-04 (SH 1)	BK8	471	471	C HYD 1 OVHT	C
29-00-04 (SH 3)	DJ11	220	220. C HYD SYS PRESS 5 SEC TD 767	C HYD PRIM 2	C
29-00-04 (SH 3)	AK3	34	34	C HYD 2 OVHT	C
29-00-04 (SH 3)	DJ10	60	60.1 SEC TD	C HYD SYS PRESS	B
29-00-04 (SH 3)	AK5	194	194. C HYD SYS PRESS	C HYD DEM PUMP	C
29-00-05 (SH 2)	FE10	224	224	C DEM HYD OVHT	C
29-00-06 (SH 1)	FK6	437	437	RAT UNLOCKED	C
29-00-07 (SH 2)	E43	410	410	L HYD QTY	C
29-00-07 (SH 2)	EC7	221	221	R HYD QTY	C
29-00-07 (SH 2)	DB6	154	154	C HYD QTY	C

150, 152-167

**EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC**

D280T232

 Incorporates  
SL-31-030-A

**31-41-04**

Page 101.2  
Sheet 2  
Jan 21/2005

662

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	LEVEL
30-11-01 (SH 1)	F67	318	318. 2.5 SEC TD	L WING ANTI-ICE	C
30-11-01 (SH 1)	FJ2	447	447. 2.5 SEC TD	R WING ANTI-ICE	C
30-21-01 (SH 1)	EC14	305	305. 2.5 SEC TD. L ENG RUN	L ENG ANTI-ICE	C
30-21-01 (SH 1)	EA5	238	238. 2.5 SEC TD. R ENG RUN	R ENG ANTI-ICE	C
30-30-01	EC3	45	45. PROBE HEAT	CAPT PITOT	C
30-30-01	EA6	449	449. PROBE HEAT	F/O PITOT	C
30-30-01	AD1	269	269. PROBE HEAT	L AUX PITOT	C
30-30-01	DB9	97	97. PROBE HEAT	R AUX PITOT	C
30-34-02 (SH 2)	4	486, 51. L ENG RUN + 499.436. R ENG RUN		ENG MACH PROBES	C
30-34-02 (SH 2)	7	ENG MACH PROBES. EITHER TAI BUG YELLOW		TAI N1	C
30-30-01	DB5	155	155. PROBE HEAT	L AOA PROBE	C
30-30-01	EA7	241	241. PROBE HEAT	R AOA PROBE	C
30-30-01	EA4	411	411. PROBE HEAT	TAT PROBE	C
NC	EC8	379	379. PROBE HEAT	L TAT PROBE	C
NC	EC13	321	321. PROBE HEAT	R TAT PROBE	C
30-30-01	DB11	81	81. L ENG RUN. PROBE HEAT	L ENG EEC PROBE	C
30-30-01	EA8	190	190. R ENG RUN. PROBE HEAT	R ENG EEC PROBE	C
30-30-01			2 OR MORE OF (45, 449, 269, 97, 155, 241, 411, 379, 321, (81. L ENG RUN, JT9D P.P.), (81. RR P.P.) (190. R ENG RUN, JT9D P.P.), (190. RR P.P.)	PROBE HEAT	C
30-41-01 (SH 1)	EC6	29	29. WINDOW HEAT	L FWD WINDOW	C
30-41-01 (SH 1)	AD2	253	253. WINDOW HEAT	R SIDE WINDOW	C
30-41-01 (SH 1)	EC4	189	189. WINDOW HEAT	L SIDE WINDOW	C
30-41-01 (SH 1)	EC5	205	205. WINDOW HEAT	R FWD WINDOW	C
30-41-01 (SH 1)			2 OR MORE OF (29, 189, 205, 253)	WINDOW HEAT	C
NC	ED6	174	((174 N-1) + LATCH)). CANCEL. 174 ((174 N-1) + LATCH)). CANCEL. 174	ICE DET ON ICE DET OFF	C C
31-41-01 (SH 2)			NO VALID ARINC 429 RECEIVED. 1 SEC TD	EICAS CONT PNL	C
31-41-06 (SH 1)	AC3 AB3 AC5 AC4	— — — —	(ANY DU FAULT) + (BLACKED OUT DISPLAY) + (CMPTR FAULT))	EICAS DISPLAY	C
31-51-03	AG15	235	235	PARKING BRAKE	A
31-51-03	DA15	108	108	FLAPS	A
31-51-03	ED2	332	332	SPOILERS	A

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	LEVEL
31-51-03	EA1	431	431	STABILIZER	A
31-51-04	BC14	463	463	SPEEDBRAKES EXT	B
31-51-04	BG14	349	349	GEAR NOT DOWN	A
32-41-01 (SH 1)	EH12	47	47	BRAKE SOURCE	C
32-41-01 (SH 1)	AG3	226	226. 235	PARKING BRAKE	C
32-42-03 (SH 2)	AG6	290	290	AUTOBRAKES	C
32-42-04 (SH 2)	FH10	65	65, 199	ANTISKID	C
32-42-04 (SH 2)	EJ5	199	199	ANTISKID OFF	C
NC	FC5	456	456, 767 INSTLN	TAILSKID	C
32-61-01 (SH 2)	DB7	43	(43.298.25 SEC TD).	GEAR DISAGREE	B
	AG12	298	.(210+(313.127.89.383)		
	AK6	210	+(439.227.293.479)		
	DF6	372	+(372.344))		
	FC7	344			
32-61-01 (SH 2)	BF9	313	(43.298.25 SEC TD)	L SIDE BRACE	B
	BG9	127	.(313.127).(89+383)		
			.767 INSTLN. 210		
32-61-01 (SH 2)	BF1	89	(43.298.25 SEC TD)	L DRAG BRACE	B
	BG15	383	.(89.383).(313 + 127)		
			.767 INSTLN. 210		
32-61-01 (SH 2)	DE7	439	(43.298.25 SEC TD)	R SIDE BRACE	B
	EJ7	277	.(439.277).(293 + 479)		
			.767 INSTLN. 210		
32-61-01 (SH 2)	DF9	293	(43.298.25 SEC TD)	R DRAG BRACE	B
	BE15	479	(293.479).(439 + 277)		
			.767 INSTLN. 210		
32-61-01 (SH 2)	BF14	125	(125.335) 35 SEC TD	GEAR DOORS	B
	FC2	335			
32-61-01 (SH 2)	FE9	360	360*445. L AC BUS OFF	AIR/GND SYS	C
	BJ13	445	.R AC BUS OFF. G/S < 80KTS .10 SEC TD		
32-61-01 (SH 2)	FF8	421	421*157. L AC BUS OFF	NOSE A/G SYS	C
	BH1	157	.R AC BUS OFF. G/S < 80KTS .10 SEC TD		
33-51-01 (SH 1)	EA11	193	193	EMER LIGHTS	C
34-12-01	FE5	136	136 + 111	OVERSPEED	A
	BC15	111			
34-16-01	BE14	477	477	ALT ALERT	B
34-21-01 (SH 2)	AG8	68	68	L IRS DC FAIL	C
34-21-01 (SH 2)	AG5	292	292	L IRS FAULT	C
34-21-01 (SH 2)	AG1	228	228	L IRS ON DC	C
34-21-02	DE9	168	168	R IRS DC FAIL	C
34-21-02	DE2	392	392	R IRS FAULT	C
34-21-02	DE5	424	424	R IRS ON DC	C
34-21-03	FC3	374	374	C IRS DC FAIL	C
34-21-03	FC4	502	502	C IRS FAULT	C
34-21-03	FD5	150	150	C IRS ON DC	C
34-22-09 (SH 2)	FA9	289	289	INSTR SWITCH	B

150, 152-167

**EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC**

D280T232

Incorporates  
31-0100 R02

**31-41-04**

Page 101.2  
Sheet 3  
Jan 21/2005

659

TABLE 1 (CONT)





SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER) 	MESSAGE	LEVEL 
34-53-01	EA13	79	79	ATC FAULT	C
34-61-02 (SH 2)	AG13	299	299	FMC MESSAGE	C
34-61-02 (SH 2)	EK14	257	257.3 SEC TD	L FMC FAIL	C
34-61-04	BK1	239	239.3 SEC TD	R FMC FAIL	C
35-21-01 (SH 1)	FF6	141	141	PASS OXYGEN ON	C
35-21-01 (SH 1)	EE5	375	(25< 500 PSI+25< 552) + (LATCH.25 < 575 PSI+25< 552+75 PSI).375.767	LOW CREW OXYGEN	C
36-11-01	BG11	231	231.6 SECS TD	L BLD ISLN VAL	C
36-11-02	BG7	71	71.6 SECS TD	R BLD ISLN VAL	C
36-11-03	BG13	295	295.6 SECS TD	C BLD ISLN VAL	C
36-11-04 (SH 2)	FF1	365	365.6 SECS TD	APU BLEED VAL	C
36-11-05	EK3	428	428. L ENG RUN	L ENG BLEED OFF	C
36-11-06	EK6	172	172. R ENG RUN	R ENG BLEED OFF	C
36-11-07	EK10	396	396	L ENG HPSOV	B
36-11-07	BH09	469	469	L ENG PRV	B
36-11-08	EK2	427	427	R ENG HPSOV	B
36-11-08	BJ12	117	117	R ENG PRV	B
36-22-01	EK7	171	171	L ENG BLD OVHT	C
36-22-01	EK11	395	395	R ENG BLD OVHT	C
49-00-04 (SH 1)	FB6	105	105	APU FAULT	C
52-70-01 (SH 2)	BB12	496	496. EMER DOORS	L EMER DOOR	C
52-70-01 (SH 1)	BA10	352	352. L ENT DOORS	L FWD ENT DOOR	C
52-70-01 (SH 1)	BE12	368	368. L ENT DOORS	L AFT ENT DOOR	C
52-70-01 (SH 1)			352.368	L ENT DOORS	C
52-70-01 (SH 2)	BD5	481	481. EMER DOORS	R EMER DOOR	C
52-70-01 (SH 1)	AD14	369	369. R ENT DOORS	R FWD ENT DOOR	C
52-70-01 (SH 1)	AD13	353	353. R ENT DOORS	R AFT ENT DOOR	C
52-70-01 (SH 1)			369.353	R ENT DOORS	C
52-70-01 (SH 2)			2 OR MORE OF (496, 481, 109, 333)	EMER DOORS	C
52-70-01 (SH 3)	BA12	109	109. EMER DOORS	L WING SLIDE	C
52-70-01 (SH 3)	BB10	333	333. EMER DOORS	R WING SLIDE	C
52-70-01 (SH 3)	BB7	416	416. ACCESS DOORS	FWD ACCESS DOOR	C
52-70-01 (SH 3)	BA6	160	160. ACCESS DOORS	E/E ACCESS DOOR	C
52-70-01 (SH 3)			416.160	ACCESS DOORS	C
52-70-01 (SH 3)	FF4	493	493. CARGO DOORS	BULK CARGO DOOR	C
NC	BC5	166	166.767	FWD CARGO DOOR	B
52-70-01 (SH 3)	AF15	384	384. CARGO DOORS	FWD CARGO DOOR	C
52-70-01 (SH 3)	BA7	497	497. CARGO DOORS	AFT CARGO DOOR	C
52-70-01 (SH 3)			2 OR MORE OF (493, 384, 497)	CARGO DOORS	C
NC	BB11	128	128	FLT DECK DOOR	C


TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER) 	MESSAGE	LEVEL 
73-14-01	AJ11	50	50. 30 SEC TD	L ENG FUEL FILT	C
73-14-01	BF5	325	325.10 SEC TD	L FUEL HEAT VAL	C
73-14-01	AK7	274	274. 30 SEC TD	R ENG FUEL FILT	C
73-14-01	DF10	296	296. 10 SEC TD	R FUEL HEAT VAL	C
76-11-01 (SH 4)	BD14	350	350 + 134	L ENG SHUTDOWN	B
76-11-01 (SH 4)	BJ11	134			
76-11-01 (SH 4)	BJ3	429	429 + 147	R ENG SHUTDOWN	B
76-11-01 (SH 4)	DK6	147			
76-11-01 (SH 4)	BF13	303	303.6 SECS TD	L ENG FUEL VAL	C
76-11-01 (SH 4)	BD15	415	415.6 SEC TD	R ENG FUEL VAL	C
78-36-01 (SH 1)	BH7	103	103.L AC BUS OFF .2 SEC TD.ON GROUND	L REV ISLN VAL	C
78-36-01 (SH 1)	DH7	391	391.R AC BUS OFF .2 SEC TD.ON GROUND	R REV ISLN VAL	C
79-00-01 (SH 2)	AH3	483	483. L ENG RUN. FAA	L ENG OIL PRESS	C
79-00-01 (SH 2)	DK10	371	371. R ENG RUN. FAA	R ENG OIL PRESS	C
79-00-01 (SH 2)	AH4	131	131	L OIL FILTER	C
79-00-01 (SH 2)	DK3	423	423	R OIL FILTER	C
80-11-01 (SH 2)	FD9	152	152.5 SEC TD	L STARTER CUTOUT	B
80-11-01 (SH 2)	FB5	121	121.5 SEC TD	R STARTER CUTOUT	B
80-11-01 (SH 2)	BH11	327	327.152.5 SEC TD	L ENG STARTER	C
80-11-01 (SH 2)	DK2	440	440.121.5 SEC TD	R ENG STARTER	C

150, 152-167

**EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC**

D280T232

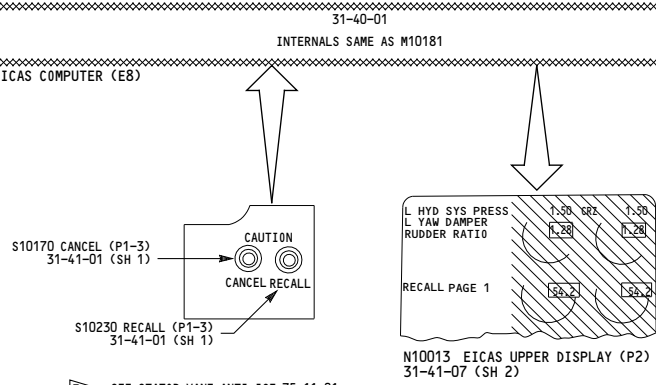
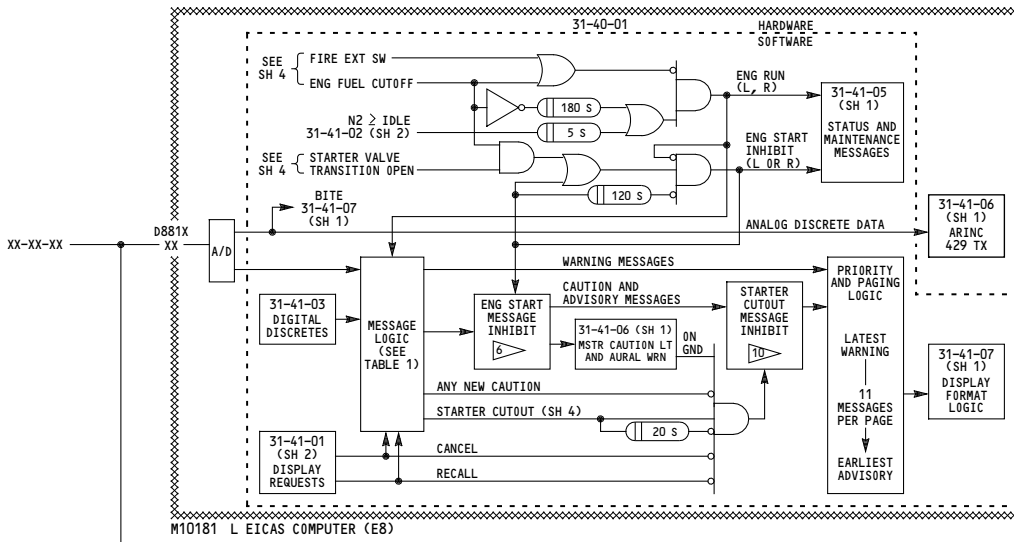
 Incorporates  
SL-31-030-A

**31-41-04**

Page 101.2  
Sheet 4  
Jan 21/2005

TABLE 1  
EICAS ANALOG DISCRETE INPUTS AND MESSAGES

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	LEVEL
21-25-01	AE7	138	138. 1 SEC TD.L UTIL BUS OFF	L RECIR FAN	C
21-25-02	AD6	362	362. 1 SEC TD.R UTIL BUS OFF	R RECIR FAN	C
21-31-01		3	112, 336. 5 SEC TD	CABIN AUTO INOP	B
21-33-01	AF13	291	291	CABIN ALTITUDE	A
21-43-01	BK4	80	80	FWD CARGO OVHT	C
21-44-01	DE1	148	148	AFT CARGO OVHT	C
21-44-02	EC9	465	465	BULK CARGO OVHT	C
21-50-01 (SH 2)	AD8	124	124	L PACK OFF	C
21-50-01 (SH 2)	AE6	92	92	L PACK TEMP	C
21-50-02 (SH 2)	AG10	348	348	R PACK OFF	C
21-50-02 (SH 2)	AD5	316	316	R PACK TEMP	C
21-58-01 (SH 2)	EG3	198	198	FWD EQPT VAL	C
21-58-01 (SH 2)	BG8	351	351. 767	FWD EQPT OVHT	C
21-58-02 (SH 2)	DE15	266	266. 767 INSTLN	FWD EQPT COOLING	B
21-58-02 (SH 1)	FF5	135	135. 1 SEC TD	FWD EQPT SMOKE	C
21-60-01 (SH 1)	DA13	315	315	TRIM AIR	C
21-60-02 (SH 1)	DA14	91	91	FLIGHT DECK TEMP	C
21-60-03 (SH 1)	FK9	505	505	FWD CABIN TEMP	C
21-60-04 (SH 1)	EJ10	271	271	AFT CABIN TEMP	C
21-60-05 (SH 1)	DB13	30	30	MID CABIN TEMP	C
22-10-04	DG7	323	(323, 240)	AUTOPILOT DISC	A
	EA9	240			
22-10-04	BJ2	478	478	AUTOPILOT	B
22-21-01 (SH 2)	DA6	212	212	L YAW DAMPER	C
22-21-02 (SH 2)	AD7	52	52	R YAW DAMPER	C
NC	FE4	425	425	MACH/SPD TRIM	C
22-30-02 (SH 1)	BD8	126	126	AUTO THROT DISC	B
24-11-01	DA10	306	306. L ENG RUNNING	L GEN DRIVE	C
24-11-01	DA1	219	219. R ENG RUNNING	R GEN DRIVE	C
24-20-01 (SH 1)	DB3	236	236	L AC BUS OFF	B
24-20-01 (SH 1)	DB1	59	59. L ENG RUNNING.FAA	L GEN OFF	C
24-20-01 (SH 1)	DC6	44	44	L BUS ISOLATED	C
24-20-02 (SH 1)	DB2	76	76	R AC BUS OFF	B
24-20-02 (SH 1)	DA12	283	283. R ENG RUNNING.FAA	R GEN OFF	C
24-20-02 (SH 1)	DC1	268	268	R BUS ISOLATED	C
24-20-03 (SH 1)	DC7	187	187. 5 SEC TD	APU GEN OFF	C
24-31-01	EC15	142	142. 10 SEC TD.767	MAIN BAT DISCH	C
NC	DG10	435	435. 10 SEC TD.767	APU BAT DISCH	C
24-33-01	AD4	250	250	BATTERY OFF	C
24-33-01	DB4	26	26	STANDBY BUS OFF	C
24-51-01 (SH 3)	AE5	300	300. L AC BUS OFF	L UTIL BUS OFF	C
24-51-02 (SH 3)	DC8	204	204. R AC BUS OFF	R UTIL BUS OFF	C
26-00-01	DH02	450	450	L STRUT DCT LEAK	B
26-00-01	DH05	98	98	R STRUT DCT LEAK	B



NOTES:

- 1 LEVEL A WARNING RED  
LEVEL B CAUTION YELLOW  
LEVEL C ADVISORY YELLOW
- 2 NO AURAL WARNING
- 3 SEE 31-41-05 (SH 1)
- 4 SEE 31-41-05 (SH 2)
- 5 SEE 31-41-05 (SH 3)
- 6 THESE MESSAGES ARE NOT INHIBITED: -  
L/R ENG SHUTDOWN, L/R STARTER CUTOFF,  
L/R ENG STARTER
- 7 SEE STATOR VANE ANTI-ICE 75-11-01
- 8 ALL INPUTS TRUE=GND FALSE=OPEN EXCEPT:  
357, 373, 386 TRUE=28V FALSE=OPEN  
257, 343 & ALL DU INPUTS TRUE=OPEN FALSE=GND  
ALL IRS INPUTS TRUE=10V FALSE=0V
- 9 MESSAGE DOES NOT RECALL CAUTION  
& ADVISORY MESSAGES AUTOMATICALLY
- 10 INHIBITS ALL MESSAGES EXCEPT  
L/R STARTER CUTOFF

150-154

## EICAS WARNING CAUTION AND ADVISORY ANALOG DISC

D280T232

# 31-41-04

Page 102  
Sheet 1  
Jan 21/2005

613

TABLE 1 (CONT)





SCHEMATIC REFERENCE	DBXX PIN	DISAGREE INPUT NO	INPUT REQ FOR MESSAGE BY INPUT NO 	MESSAGE	LEVEL 
26-11-01 (SH 2)	BE4	57	57	L ENG FIRE	A
26-11-01 (SH 2)	BE5	246	246	L ENG OVHT	B
26-11-01 (SH 2)	EA2	430	430	FIRE/OVHT SYS	C
26-11-02	DG3	99	99	R ENG FIRE	A
26-11-02	DG5	466	466	R ENG OVHT	B
26-15-01 (SH 2)	FF2	359	359	APU FIRE	A
26-16-01 (SH 2)	DF7	370	370	FWD CARGO FIRE	A
26-16-01 (SH 2)	FF7	472	472	AFT CARGO FIRE	A
26-17-01 (SH 2)	DB10	203	203	WHEEL WELL FIRE	A
26-18-01 (SH 2)	DC2	267	267	BODY DUCT LEAK	B
26-18-01 (SH 2)	BF4	217	217	L BLD DUCT LEAK	B
26-18-01 (SH 2)	DG4	451	451	R BLD DUCT LEAK	B
26-18-01 (SH 3)	DH2	450	450	L STRUT DCT LEAK	B
26-18-01 (SH 3)	DH5	98	98	R STRUT DCT LEAK	B
26-21-01	DG2	114	114	ENG BTL 1	C
26-21-01	FE3	417	417	ENG BTL 2	C
NC	DC9	42	42	APU BTL	C
26-22-01	DF2	498	498	APU BTL 1	C
26-22-01	FF9	165	165	APU BTL 2	C
26-23-01	DD1	146	146	CARGO BTL 1	C
26-23-01	FC8	389	389	CARGO BTL 2	C
27-00-01 (SH 1)			2 OR MORE OF (54, 211, 245, 278, 355, 408)	FLT CONT VALS	C
27-00-01 (SH 1)	EJ6	278	278 FLT CONT VALS	C WING HYD VAL	C
27-00-01 (SH 1)	BK13	245	245 FLT CONT VALS	L WING HYD VAL	C
27-00-01 (SH 1)	EJ2	54	54 FLT CONT VALS	R WING HYD VAL	C
27-00-01 (SH 2)	AH1	211	211 FLT CONT VALS	C TAIL HYD VAL	C
27-00-01 (SH 2)	AH8	355	355 FLT CONT VALS	L TAIL HYD VAL	C
27-00-01 (SH 2)	DK8	408	408 FLT CONT VALS	R TAIL HYD VAL	C
27-10-02 (SH 2)	DC3	382	382	AILERON LOCKOUT	C
27-20-02 (SH 2)	DC13	414	414 (R ENG RUNNING + R ENG RUN 30 SEC TD)	RUDDER RATIO	C
27-40-01 (SH 5)	AD11	276	276	STAB TRIM	C
27-40-01 (SH 5)	EB12	302	302	UNSCD STAB TRIM	B
27-51-03	DB15	475	475	FLAP LD RELIEF	C
27-51-05	DG15	122	122	TE FLAP ASYM	B
27-58-03	ED1	346	346	TE FLAP DISAGREE	B
27-61-03 (SH 4)	DC11	90	90	SPOILERS	C
27-62-01 (SH 2)	AG9	66	66	AUTO SPEEDBRAKE	C
27-88-01 (SH 6)	EB1	474	474	LE SLAT ASYM	B
27-88-01 (SH 6)	DB14	460	460	LE SLAT DISAGREE	B
28-31-01	BE8	281	281.767.6 SEC TD	FUEL JET NOZ	C
28-31-01	AH9	275	275.767.6 SEC TD	L JET XFER VALVE	C
28-31-01	AH2	196	196.767.10 SEC TD	L FUEL JET PUMP	C
28-31-01	DK4	180	180.767.10 SEC TD	R FUEL JET PUMP	C
28-31-01	DK5	184	184.767.6 SEC TD	R JET XFER VALVE	C

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBXX PIN	DISAGREE INPUT NO	INPUT REQ FOR MESSAGE BY INPUT NO 	MESSAGE	LEVEL 
28-40-01	DH8	322	322.10 SEC TD L PRESS	L FWD FUEL PUMP	C
28-40-01	FH8	361	361.10 SEC TD L PRESS	L AFT FUEL PUMP	C
28-40-01	FH9	377	377.10 SEC TD R PRESS	R FWD FUEL PUMP	C
28-40-01	DH3	452	452.10 SEC TD R PRESS	R AFT FUEL PUMP	C
28-40-01	DH6	100	100.10 SEC TD L PRESS	CTR L FUEL PUMP	C
28-40-01	FJ9	153	153.10 SEC TD R PRESS	CTR R FUEL PUMP	C
28-40-01	ED5	107	107.6 SEC TD	L FUEL SPAR VAL	C
28-40-01	EC1	331	331.6 SEC TD	R FUEL SPAR VAL	C
28-40-01	EC2	399	399.6 SEC TD	FUEL CROSSFEED	C
28-40-01	BE7	87	(322.10 SEC TD) (361.10 SEC TD)	L FUEL SYS PRESS	B
28-40-01	FH4	357	E187.10 SEC TD (357 + 399) +(ALL RH PUMPS LOW PRESS 10 SEC TD))		
28-40-01	DG8	338	(377.10 SEC TD) (452.10 SEC TD) (338.10 SEC TD) (357 + 399) +(ALL LH PUMPS LOW PRESS 10 SEC TD))	R FUEL SYS PRESS	B
28-40-01	ED13	31	459.31	LOW FUEL	B
28-40-01	ED3	459	459.31	FUEL CONFIG	C
28-40-01	FA10	288	288.6 SEC TD	APU FUEL VAL	C
29-00-02 (SH 1)	DE14	403	403.1 SEC TD	L HYD SYS PRESS	B
29-00-02 (SH 1)	AK2	195	195. L HYD SYS PRESS L ENG RUN 767	L HYD PRIM PUMP	C
29-00-02 (SH 1)	AK11	35	35. L HYD SYS PRESS 767	L HYD DEM PUMP	C
29-00-02 (SH 1)	FG4	94	94.767	L PRIM HYD OVHT	C
29-00-02 (SH 2)	BK7	216	216.767	L DEM HYD OVHT	C
NC	BK11	85	85.10 SEC TD	L T/R ALTN VAL	B
29-00-03 (SH 1)	FC9	120	120.1 SEC TD	R HYD SYS PRESS	B
29-00-03 (SH 1)	DK13	284	284. R HYD SYS PRESS R ENG RUN 767	R HYD PRIM PUMP	C
29-00-03 (SH 1)	FK2	462	462. R HYD SYS PRESS 767	R HYD DEM PUMP	C
29-00-03 (SH 1)	AK4	482	482.767	R PRIM HYD OVHT	C
29-00-03 (SH 2)	AK8	258	258.767	R DEM HYD OVHT	C
NC	BK10	309	309.10 SEC TD	R T/R ALTN VAL	B
29-00-04 (SH 3)	AG11	259	259. C HYD SYS PRESS 5 SEC TD 767	C HYD PRIM 1	C
29-00-04 (SH 1)	FK10	64	64.6 SEC TD 767 INSTLN	RSV BRAKE VAL	C
29-00-04 (SH 1)	BK8	471	471	C HYD 1 OVHT	C
29-00-04 (SH 3)	DJ11	220	220. C HYD SYS PRESS 5 SEC TD 767	C HYD PRIM 2	C
29-00-04 (SH 3)	AK3	34	34	C HYD 2 OVHT	C
29-00-04 (SH 3)	DJ10	60	60.1 SEC TD	C HYD SYS PRESS	B
29-00-04 (SH 3)	AK5	194	194. C HYD SYS PRESS	C HYD DEM PUMP	C
29-00-05 (SH 2)	FE10	224	224	C DEM HYD OVHT	C
29-00-06 (SH 1)	FK6	437	437	RAT UNLOCKED	C
29-00-07 (SH 2)	E43	410	410	L HYD QTY	C
29-00-07 (SH 2)	EC7	221	221	R HYD QTY	C
29-00-07 (SH 2)	DB6	154	154	C HYD QTY	C

150-154

**EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC**

D280T232

**31-41-04**

Page 102  
Sheet 2  
Jan 21/2005





# 767-200/300 SYSTEM SCHEMATIC MANUAL

621

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	LEVEL
30-11-01 (SH 1)	F67	318	318. 2.5 SEC TD	L WING ANTI-ICE	C
30-11-01 (SH 1)	FJ2	447	447. 2.5 SEC TD	R WING ANTI-ICE	C
30-21-01 (SH 1)	EC14	305	305. 2.5 SEC TD. L ENG RUN	L ENG ANTI-ICE	C
30-21-01 (SH 1)	EA5	238	238. 2.5 SEC TD. R ENG RUN	R ENG ANTI-ICE	C
30-30-01	EC3	45	45. PROBE HEAT	CAPT PITOT	C
30-30-01	EA6	449	449. PROBE HEAT	F/O PITOT	C
30-30-01	AD1	269	269. PROBE HEAT	L AUX PITOT	C
30-30-01	DB9	97	97. PROBE HEAT	R AUX PITOT	C
30-34-02 (SH 2)	6	486	51. L ENG RUN + 499.436. R ENG RUN	ENG MACH PROBES	C
30-34-02 (SH 2)	7	ENG MACH PROBES. EITHER TAI BUG YELLOW		TAI N1	C
30-30-01	DB5	155	155. PROBE HEAT	L AOA PROBE	C
30-30-01	EA7	241	241. PROBE HEAT	R AOA PROBE	C
30-30-01	EA4	411	411. PROBE HEAT	TAT PROBE	C
NC	EC8	379	379. PROBE HEAT	L TAT PROBE	C
NC	EC13	321	321. PROBE HEAT	R TAT PROBE	C
30-30-01	DB11	81	81. L ENG RUN. PROBE HEAT	L ENG EEC PROBE	C
30-30-01	EA8	190	190. R ENG RUN. PROBE HEAT	R ENG EEC PROBE	C
30-30-01			2 OR MORE OF (45, 449, 269, 97, 155, 241, 411, 379, 321, (81. L ENG RUN, JT9D P.P.), (81. RR P.P.) (190. R ENG RUN, JT9D P.P.), (190. RR P.P.)	PROBE HEAT	C
30-41-01 (SH 1)	EC6	29	29. WINDOW HEAT	L FWD WINDOW	C
30-41-01 (SH 1)	AD2	253	253. WINDOW HEAT	R SIDE WINDOW	C
30-41-01 (SH 1)	EC4	189	189. WINDOW HEAT	L SIDE WINDOW	C
30-41-01 (SH 1)	EC5	205	205. WINDOW HEAT	R FWD WINDOW	C
30-41-01 (SH 1)			2 OR MORE OF (29, 189, 205, 253)	WINDOW HEAT	C
NC	ED6	174	((174 N-1) + LATCH)). CANCEL. 174 ((174 N-1) + LATCH)). CANCEL. 174	ICE DET ON ICE DET OFF	C C
31-41-01 (SH 2)			NO VALID ARINC 429 RECEIVED. 1 SEC TD	EICAS CONT PNL	C

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	LEVEL
31-41-06 (SH 1)	AC3	—	(ANY DU FAULT) + (BLACKED OUT DISPLAY) + (CMPTR FAULT))	EICAS DISPLAY	C
31-51-03	AG15	235		PARKING BRAKE	A
31-51-03	DA15	108		FLAPS	A
31-51-03	ED2	332		SPOILERS	A
31-51-03	EA1	431		STABILIZER	A
31-51-04	BC14	463		SPEEDBRAKES EXT	B
31-51-04	BG14	349		GEAR NOT DOWN	A
32-41-01 (SH 1)	EH12	47		BRAKE SOURCE	C
32-41-01 (SH 1)	AG3	226, 235		PARKING BRAKE	C
32-42-03 (SH 2)	AG6	290		AUTOBRAKES	C
32-42-04 (SH 2)	FH10	65, 199		ANTISKID	C
32-42-04 (SH 2)	EJ5	199		ANTISKID OFF	C
NC	FC5	456	456, 767 INSTLN	TAILSKID	C
32-61-01 (SH 2)	DB7	43	(43.298.25 SEC TD). (.210 + (313.127.89.383) + (439.227.293.479) + (372.344))	GEAR DISAGREE	B
32-61-01 (SH 2)	BF9	313	(43.298.25 SEC TD) (.313.127). (89 + 383) .767 INSTLN. 210	L SIDE BRACE	B
32-61-01 (SH 2)	BF1	89	(43.298.25 SEC TD) (.89.383). (313 + 127) .767 INSTLN. 210	L DRAG BRACE	B
32-61-01 (SH 2)	DE7	439	(43.298.25 SEC TD) (.439.277). (293 + 479) .767 INSTLN. 210	R SIDE BRACE	B
32-61-01 (SH 2)	DF9	293	(43.298.25 SEC TD) (293.479). (439 + 277) .767 INSTLN. 210	R DRAG BRACE	B
32-61-01 (SH 2)	BE15	479	(125.335) 35 SEC TD	GEAR DOORS	B
32-61-01 (SH 2)	BF14	125			
32-61-01 (SH 2)	FC2	335			
33-51-01 (SH 1)	EA11	193	193	EMER LIGHTS	C
34-12-01	FE5	136	136 + 111	OVERSPEED	A
34-16-01	BE14	477		ALT ALERT	B
34-21-01 (SH 2)	AG8	68		L IRS DC FAIL	C
34-21-01 (SH 2)	AG5	292		L IRS FAULT	C
34-21-01 (SH 2)	AG1	228		L IRS ON DC	C
34-21-02	DE9	168		R IRS DC FAIL	C
34-21-02	DE2	392		R IRS FAULT	C
34-21-02	DE5	424		R IRS ON DC	C
34-21-03	FC3	374		C IRS DC FAIL	C
34-21-03	FC4	502		C IRS FAULT	C
34-21-03	FD5	150		C IRS ON DC	C
34-22-09 (SH 2)	FA9	289		INSTR SWITCH	B

150-154

EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC

D280T232

**31-41-04**

Page 102  
Sheet 3  
Jan 21/2005

623

TABLE 1 (CONT)






SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER) 	MESSAGE	LEVEL 
34-53-01	EA13	79	79	ATC FAULT	C
34-61-02 (SH 2)	AG13	299	299	FMC MESSAGE	C
34-61-02 (SH 2)	EK14	257	257.3 SEC TD	L FMC FAIL	C
34-61-04	BK1	239	239.3 SEC TD	R FMC FAIL	C
35-21-01 (SH 1)	FF6	141	141	PASS OXYGEN ON	C
35-21-01 (SH 1)	EE5	375	(25< 500 PSI+25< 552) + (LATCH.25 < 575 PSI+25< 552+75 PSI).375.767	LOW CREW OXYGEN	C
36-11-01	BG11	231	231.6 SECS TD	L BLD ISLN VAL	C
36-11-02	BG7	71	71.6 SECS TD	R BLD ISLN VAL	C
36-11-03	BG13	295	295.6 SECS TD	C BLD ISLN VAL	C
36-11-04 (SH 2)	FF1	365	365.6 SECS TD	APU BLEED VAL	C
36-11-05	EK3	428	428. L ENG RUN	L ENG BLEED OFF	C
36-11-06	EK6	172	172. R ENG RUN	R ENG BLEED OFF	C
36-11-07	EK10	396	396	L ENG HPSOV	B
36-11-07	BH09	469	469	L ENG PRV	B
36-11-08	EK2	427	427	R ENG HPSOV	B
36-11-08	BJ12	117	117	R ENG PRV	B
36-22-01	EK7	171	171	L ENG BLD OVHT	C
36-22-01	EK11	395	395	R ENG BLD OVHT	C
49-00-04 (SH 1)	FB6	105	105	APU FAULT	C
52-70-01 (SH 2)	BB12	496	496. EMER DOORS	L EMER DOOR	C
52-70-01 (SH 1)	BA10	352	352. L ENT DOORS	L FWD ENT DOOR	C
52-70-01 (SH 1)	BE12	368	368. L ENT DOORS	L AFT ENT DOOR	C
52-70-01 (SH 1)			352.368	L ENT DOORS	C
52-70-01 (SH 2)	BD5	481	481. EMER DOORS	R EMER DOOR	C
52-70-01 (SH 1)	AD14	369	369. R ENT DOORS	R FWD ENT DOOR	C
52-70-01 (SH 1)	AD13	353	353. R ENT DOORS	R AFT ENT DOOR	C
52-70-01 (SH 1)			369.353	R ENT DOORS	C
52-70-01 (SH 2)			2 OR MORE OF (496, 481, 109, 333)	EMER DOORS	C
52-70-01 (SH 3)	BA12	109	109. EMER DOORS	L WING SLIDE	C
52-70-01 (SH 3)	BB10	333	333. EMER DOORS	R WING SLIDE	C
52-70-01 (SH 3)	BB7	416	416. ACCESS DOORS	FWD ACCESS DOOR	C
52-70-01 (SH 3)	BA6	160	160. ACCESS DOORS	E/E ACCESS DOOR	C
52-70-01 (SH 3)			416.160	ACCESS DOORS	C
52-70-01 (SH 3)	FF4	493	493. CARGO DOORS	BULK CARGO DOOR	C
NC	BC5	166	166.767	FWD CARGO DOOR	B
52-70-01 (SH 3)	AF15	384	384. CARGO DOORS	FWD CARGO DOOR	C
52-70-01 (SH 3)	BA7	497	497. CARGO DOORS	AFT CARGO DOOR	C
52-70-01 (SH 3)			2 OR MORE OF (493, 384, 497)	CARGO DOORS	C
NC	BB11	128	128	FLT DECK DOOR	C

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER) 	MESSAGE	LEVEL 
73-14-01	AJ11	50	50. 30 SEC TD	L ENG FUEL FILT	C
73-14-01	BF5	325	325.10 SEC TD	L FUEL HEAT VAL	C
73-14-01	AK7	274	274. 30 SEC TD	R ENG FUEL FILT	C
73-14-01	DF10	296	296. 10 SEC TD	R FUEL HEAT VAL	C
76-11-01 (SH 4)	BD14	350	350 + 134	L ENG SHUTDOWN	B
	BJ11	134			
76-11-01 (SH 4)	BJ3	429	429 + 147	R ENG SHUTDOWN	B
	DK6	147			
76-11-01 (SH 4)	BF13	303	303.6 SECS TD	L ENG FUEL VAL	C
76-11-01 (SH 4)	BD15	415	415.6 SEC TD	R ENG FUEL VAL	C
78-36-01 (SH 1)			103.L AC BUS ON .2 SEC TD 391.R AC BUS ON .2 SEC TD	L REV ISLN VAL R REV ISLN VAL	C
79-00-01 (SH 2)	AH3	483	483. L ENG RUN. FAA	L ENG OIL PRESS	C
79-00-01 (SH 2)	DK10	371	371. R ENG RUN. FAA	R ENG OIL PRESS	C
79-00-01 (SH 2)	AH4	131	131	L OIL FILTER	C
79-00-01 (SH 2)	DK3	423	423	R OIL FILTER	C
80-11-01 (SH 2)	FD9	152	152.5 SEC TD	L STARTER CUTOUT	B
80-11-01 (SH 2)	FB5	121	121.5 SEC TD	R STARTER CUTOUT	B
80-11-01 (SH 2)	BH11	327	327.152.5 SEC TD	L ENG STARTER	C
80-11-01 (SH 2)	DK2	440	440.121.5 SEC TD	R ENG STARTER	C

150-154

**EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC**

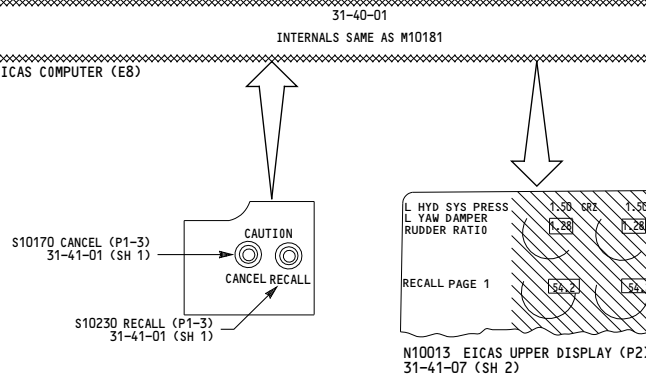
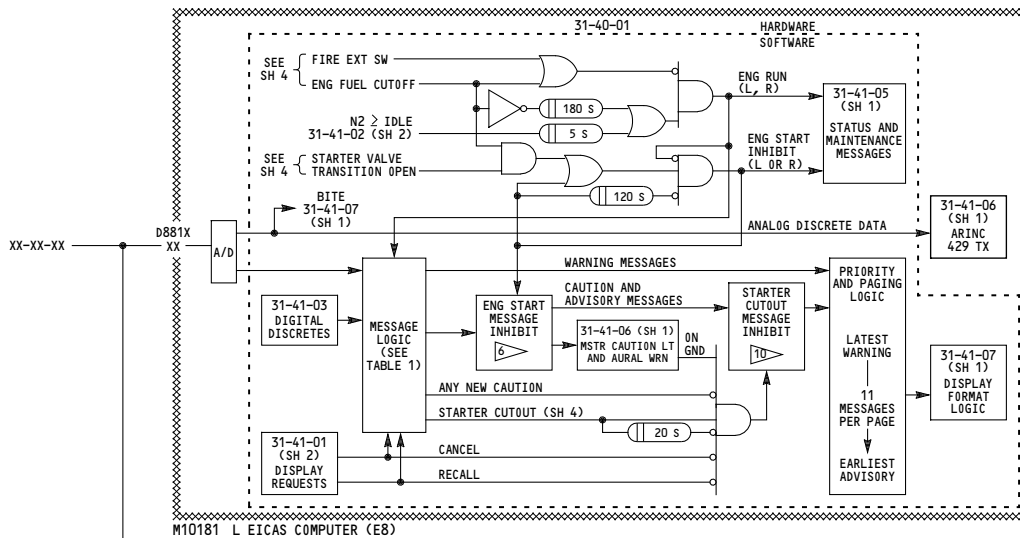
D280T232

**31-41-04**

Page 102  
Sheet 4  
Jan 21/2005

TABLE 1  
EICAS ANALOG DISCRETE INPUTS AND MESSAGES

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	LEVEL
21-25-01	AE7	138	138. 1 SEC TD.L UTIL BUS OFF	L RECIR FAN	C
21-25-02	AD6	362	362. 1 SEC TD.R UTIL BUS OFF	R RECIR FAN	C
21-31-01		3	112, 336. 5 SEC TD	CABIN AUTO INOP	B
21-33-01	AF13	291	291	CABIN ALTITUDE	A
21-43-01	BK4	80	80	FWD CARGO OVHT	C
21-44-01	DE1	148	148	AFT CARGO OVHT	C
21-44-02	EC9	465	465	BULK CARGO OVHT	C
21-50-01 (SH 2)	AD8	124	124	L PACK OFF	C
21-50-01 (SH 2)	AE6	92	92	L PACK TEMP	C
21-50-02 (SH 2)	AG10	348	348	R PACK OFF	C
21-50-02 (SH 2)	AD5	316	316	R PACK TEMP	C
21-58-01 (SH 2)	EG3	198	198	FWD EQPT VAL	C
21-58-01 (SH 2)	BG8	351	351. 767	FWD EQPT OVHT	C
21-58-02 (SH 2)	DE15	266	266. 767 INSTLN	FWD EQPT COOLING	B
21-58-02 (SH 1)	FF5	135	135. 1 SEC TD	FWD EQPT SMOKE	C
21-60-01 (SH 1)	DA13	315	315	TRIM AIR	C
21-60-02 (SH 1)	DA14	91	91	FLIGHT DECK TEMP	C
21-60-03 (SH 1)	FK9	505	505	FWD CABIN TEMP	C
21-60-04 (SH 1)	EJ10	271	271	AFT CABIN TEMP	C
21-60-05 (SH 1)	DB13	30	30	MID CABIN TEMP	C
22-10-04	DG7	323	(323, 240)	AUTOPILOT DISC	A
	EA9	240			
22-10-04	BJ2	478	478	AUTOPILOT	B
22-21-01 (SH 2)	DA6	212	212	L YAW DAMPER	C
22-21-02 (SH 2)	AD7	52	52	R YAW DAMPER	C
NC	FE4	425	425	MACH/SPD TRIM	C
22-30-02 (SH 1)	BD8	126	126	AUTO THROT DISC	B
24-11-01	DA10	306	306. L ENG RUNNING	L GEN DRIVE	C
24-11-01	DA1	219	219. R ENG RUNNING	R GEN DRIVE	C
24-20-01 (SH 1)	DB3	236	236	L AC BUS OFF	B
24-20-01 (SH 1)	DB1	59	59. L ENG RUNNING.FAA	L GEN OFF	C
24-20-01 (SH 1)	DC6	44	44	L BUS ISOLATED	C
24-20-02 (SH 1)	DB2	76	76	R AC BUS OFF	B
24-20-02 (SH 1)	DA12	283	283. R ENG RUNNING.FAA	R GEN OFF	C
24-20-02 (SH 1)	DC1	268	268	R BUS ISOLATED	C
24-20-03 (SH 1)	DC7	187	187. 5 SEC TD	APU GEN OFF	C
24-31-01	EC15	142	142. 10 SEC TD.767	MAIN BAT DISCH	C
NC	DG10	435	435. 10 SEC TD.767	APU BAT DISCH	C
24-33-01	AD4	250	250	BATTERY OFF	C
24-33-01	DB4	26	26	STANDBY BUS OFF	C
24-51-01 (SH 3)	AE5	300	300. L AC BUS OFF	L UTIL BUS OFF	C
24-51-02 (SH 3)	DC8	204	204. R AC BUS OFF	R UTIL BUS OFF	C
26-00-01	DH02	450	450	L STRUT DCT LEAK	B
26-00-01	DH05	98	98	R STRUT DCT LEAK	B



## NOTES:

- 1 LEVEL A WARNING RED  
LEVEL B CAUTION YELLOW  
LEVEL C ADVISORY YELLOW
- 2 NO AURAL WARNING
- 3 SEE 31-41-05 (SH 1)
- 4 SEE 31-41-05 (SH 2)
- 5 SEE 31-41-05 (SH 3)
- 6 THESE MESSAGES ARE NOT INHIBITED: -  
L/R ENG SHUTDOWN, L/R STARTER CUTOFF,  
L/R ENG STARTER
- 7 SEE STATOR VANE ANTI-ICE 75-11-01
- 8 ALL INPUTS TRUE=GND FALSE=OPEN EXCEPT:  
357, 373, 386 TRUE=28V FALSE=OPEN  
257, 343 & ALL DU INPUTS TRUE=OPEN FALSE=GND  
ALL IRS INPUTS TRUE=10V FALSE=0V
- 9 MESSAGE DOES NOT RECALL CAUTION  
& ADVISORY MESSAGES AUTOMATICALLY
- 10 INHIBITS ALL MESSAGES EXCEPT  
L/R STARTER CUTOFF

## EICAS WARNING CAUTION AND ADVISORY ANALOG DISC

D280T232

# 31-41-04

Page 102.1  
Sheet 1  
Jan 21/2005

641

TABLE 1 (CONT)





SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO	INPUT REQ FOR MESSAGE BY INPUT NO 	MESSAGE	LEVEL 
26-11-01 (SH 2)	BE4	57	57	L ENG FIRE	A
26-11-01 (SH 2)	BE5	246	246	L ENG OVHT	B
26-11-01 (SH 2)	EA2	430	430	FIRE/OVHT SYS	C
26-11-02	DG3	99	99	R ENG FIRE	A
26-11-02	DG5	466	466	R ENG OVHT	B
26-15-01 (SH 2)	FF2	359	359	APU FIRE	A
26-16-01 (SH 2)	DF7	370	370	FWD CARGO FIRE	A
26-16-01 (SH 2)	FF7	472	472	AFT CARGO FIRE	A
26-17-01 (SH 2)	DB10	203	203	WHEEL WELL FIRE	A
26-18-01 (SH 2)	DC2	267	267	BODY DUCT LEAK	B
26-18-01 (SH 2)	BF4	217	217	L BLD DUCT LEAK	B
26-18-01 (SH 2)	DG4	451	451	R BLD DUCT LEAK	B
26-18-01 (SH 3)	DH2	450	450	L STRUT DCT LEAK	B
26-18-01 (SH 3)	DH5	98	98	R STRUT DCT LEAK	B
26-21-01	DG2	114	114	ENG BTL 1	C
26-21-01	FE3	417	417	ENG BTL 2	C
NC	DC9	42	42	APU BTL	C
26-22-01	DF2	498	498	APU BTL 1	C
26-22-01	FF9	165	165	APU BTL 2	C
26-23-01	DD1	146	146	CARGO BTL 1	C
26-23-01	FC8	389	389	CARGO BTL 2	C
27-00-01 (SH 1)			2 OR MORE OF (54, 211, 245, 278, 355, 408)	FLT CONT VALS	C
27-00-01 (SH 1)	EJ6	278	278 FLT CONT VALS	C WING HYD VAL	C
27-00-01 (SH 1)	BK13	245	245 FLT CONT VALS	L WING HYD VAL	C
27-00-01 (SH 1)	EJ2	54	54 FLT CONT VALS	R WING HYD VAL	C
27-00-01 (SH 2)	AH1	211	211 FLT CONT VALS	C TAIL HYD VAL	C
27-00-01 (SH 2)	AH8	355	355 FLT CONT VALS	L TAIL HYD VAL	C
27-00-01 (SH 2)	DK8	408	408 FLT CONT VALS	R TAIL HYD VAL	C
27-10-02 (SH 2)	DC3	382	382	AILERON LOCKOUT	C
27-20-02 (SH 2)	DC13	414	414 (R ENG RUNNING + R ENG RUN 30 SEC TD)	RUDDER RATIO	C
27-40-01 (SH 5)	AD11	276	276	STAB TRIM	C
27-40-01 (SH 5)	EB12	302	302	UNSCD STAB TRIM	B
27-51-03	DB15	475	475	FLAP LD RELIEF	C
27-51-05	DG15	122	122	TE FLAP ASYM	B
27-58-03	ED1	346	346	TE FLAP DISAGREE	B
27-61-03 (SH 4)	DC11	90	90	SPOILERS	C
27-62-01 (SH 2)	AG9	66	66	AUTO SPEEDBRAKE	C
27-88-01 (SH 6)	EB1	474	474	LE SLAT ASYM	B
27-88-01 (SH 6)	DB14	460	460	LE SLAT DISAGREE	B
28-31-01	BE8	281	281.767.6 SEC TD	FUEL JET NOZ	C
28-31-01	AH9	275	275.767.6 SEC TD	L JET XFER VALVE	C
28-31-01	AH2	196	196.767.10 SEC TD	L FUEL JET PUMP	C
28-31-01	DK4	180	180.767.10 SEC TD	R FUEL JET PUMP	C
28-31-01	DK5	184	184.767.6 SEC TD	R JET XFER VALVE	C


TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO	INPUT REQ FOR MESSAGE BY INPUT NO 	MESSAGE	LEVEL 
28-40-01	DH8	322	322.10 SEC TD L PRESS	L FWD FUEL PUMP	C
28-40-01	FH8	361	361.10 SEC TD L PRESS	L AFT FUEL PUMP	C
28-40-01	FH9	377	377.10 SEC TD R PRESS	R FWD FUEL PUMP	C
28-40-01	DH3	452	452.10 SEC TD R PRESS	R AFT FUEL PUMP	C
28-40-01	DH6	100	100.10 SEC TD L PRESS	CTR L FUEL PUMP	C
28-40-01	FJ9	153	153.10 SEC TD R PRESS	CTR R FUEL PUMP	C
28-40-01	ED5	107	107.6 SEC TD	L FUEL SPAR VAL	C
28-40-01	EC1	331	331.6 SEC TD	R FUEL SPAR VAL	C
28-40-01	EC2	399	399.442.104.6 SEC TD	FUEL CROSSFEED	C
28-40-01	DC14	442			
28-40-01	FD6	104			
28-40-01	DH8	322	322.361.87.10 SEC TD. (357 + (442.104) + (399.442.104)) +	L FUEL SYS PRESS	B
28-40-01	FH8	361	337.452.338.10 SEC TD		
28-40-01	BE7	87			
28-40-01	FH9	377	377.452.338.10 SEC TD. (357 + (442.104) + (339.442.104)) +	R FUEL SYS PRESS	B
28-40-01	DH3	452	332.361.87.10 SEC TD		
28-40-01	DG8	338			
28-40-01	ED13	31	459.31	LOW FUEL	B
28-40-01	ED3	459	459.31	FUEL CONFIG	C
28-40-01	FA10	288	288.6 SEC TD	APU FUEL VAL	C
28-40-01	FD6	104	104.6 SEC TD	AFT FUEL X-FEED	C
28-40-01	DC14	442	442.6 SEC TD	FWD FUEL X-FEED	C
29-00-02 (SH 1)	DE14	403	403.1 SEC TD	L HYD SYS PRESS	B
29-00-02 (SH 1)	AK2	195	195. L HYD SYS PRESS L ENG RUN 767	L HYD PRIM PUMP	C
29-00-02 (SH 1)	AK11	35	35. L HYD SYS PRESS 767	L HYD DEM PUMP	C
29-00-02 (SH 1)	FG4	94	94.767	L PRIM HYD OVHT	C
29-00-02 (SH 2)	BK7	216	216.767	L DEM HYD OVHT	C
NC	BK11	85	85.10 SEC TD	L T/R ALTN VAL	B
29-00-03 (SH 1)	FC9	120	120.1 SEC TD	R HYD SYS PRESS	B
29-00-03 (SH 1)	DK13	284	284. R HYD SYS PRESS R ENG RUN 767	R HYD PRIM PUMP	C
29-00-03 (SH 1)	FK2	462	462. R HYD SYS PRESS 767	R HYD DEM PUMP	C
29-00-03 (SH 1)	AK4	482	482.767	R PRIM HYD OVHT	C
29-00-03 (SH 2)	AK8	258	258.767	R DEM HYD OVHT	C
NC	BK10	309	309.10 SEC TD	R T/R ALTN VAL	B
29-00-04 (SH 3)	AG11	259	259. C HYD SYS PRESS 5 SEC TD 767	C HYD PRIM 1	C
29-00-04 (SH 1)	FK10	64	64.6 SEC TD 767 INSTLN	RSV BRAKE VAL	C
29-00-04 (SH 1)	BK8	471	471	C HYD 1 OVHT	C
29-00-04 (SH 3)	DJ11	220	220. C HYD SYS PRESS 5 SEC TD 767	C HYD PRIM 2	C
29-00-04 (SH 3)	AK3	34	34	C HYD 2 OVHT	C
29-00-04 (SH 3)	DJ10	60	60.1 SEC TD	C HYD SYS PRESS	B
29-00-04 (SH 3)	AK5	194	194. C HYD SYS PRESS	C HYD DEM PUMP	C
29-00-05 (SH 2)	FE10	224	224	C DEM HYD OVHT	C
29-00-06 (SH 1)	FK6	437	437	RAT UNLOCKED	C
29-00-07 (SH 2)	E43	410	410	L HYD QTY	C
29-00-07 (SH 2)	EC7	221	221	R HYD QTY	C
29-00-07 (SH 2)	DB6	154	154	C HYD QTY	C

151

**EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC**

D280T232

 Incorporates  
SL-31-030-A

**31-41-04**

Page 102.1  
Sheet 2  
Jan 21/2005



# 767-200/300 SYSTEM SCHEMATIC MANUAL

621

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	LEVEL
30-11-01 (SH 1)	F67	318	318. 2.5 SEC TD	L WING ANTI-ICE	C
30-11-01 (SH 1)	FJ2	447	447. 2.5 SEC TD	R WING ANTI-ICE	C
30-21-01 (SH 1)	EC14	305	305. 2.5 SEC TD. L ENG RUN	L ENG ANTI-ICE	C
30-21-01 (SH 1)	EA5	238	238. 2.5 SEC TD. R ENG RUN	R ENG ANTI-ICE	C
30-30-01	EC3	45	45. PROBE HEAT	CAPT PITOT	C
30-30-01	EA6	449	449. PROBE HEAT	F/O PITOT	C
30-30-01	AD1	269	269. PROBE HEAT	L AUX PITOT	C
30-30-01	DB9	97	97. PROBE HEAT	R AUX PITOT	C
30-34-02 (SH 2)	6	486	51. L ENG RUN + 499.436. R ENG RUN	ENG MACH PROBES	C
30-34-02 (SH 2)	7	ENG MACH PROBES. EITHER TAI BUG YELLOW		TAI N1	C
30-30-01	DB5	155	155. PROBE HEAT	L AOA PROBE	C
30-30-01	EA7	241	241. PROBE HEAT	R AOA PROBE	C
30-30-01	EA4	411	411. PROBE HEAT	TAT PROBE	C
NC	EC8	379	379. PROBE HEAT	L TAT PROBE	C
NC	EC13	321	321. PROBE HEAT	R TAT PROBE	C
30-30-01	DB11	81	81. L ENG RUN. PROBE HEAT	L ENG EEC PROBE	C
30-30-01	EA8	190	190. R ENG RUN. PROBE HEAT	R ENG EEC PROBE	C
30-30-01			2 OR MORE OF (45, 449, 269, 97, 155, 241, 411, 379, 321, (81. L ENG RUN, JT9D P.P.), (81. RR P.P.) (190. R ENG RUN, JT9D P.P.), (190. RR P.P.)	PROBE HEAT	C
30-41-01 (SH 1)	EC6	29	29. WINDOW HEAT	L FWD WINDOW	C
30-41-01 (SH 1)	AD2	253	253. WINDOW HEAT	R SIDE WINDOW	C
30-41-01 (SH 1)	EC4	189	189. WINDOW HEAT	L SIDE WINDOW	C
30-41-01 (SH 1)	EC5	205	205. WINDOW HEAT	R FWD WINDOW	C
30-41-01 (SH 1)			2 OR MORE OF (29, 189, 205, 253)	WINDOW HEAT	C
NC	ED6	174	((174 N-1) + LATCH)). CANCEL. 174 ((174 N-1) + LATCH)). CANCEL. 174	ICE DET ON ICE DET OFF	C C
31-41-01 (SH 2)			NO VALID ARINC 429 RECEIVED. 1 SEC TD	EICAS CONT PNL	C

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	LEVEL
31-41-06 (SH 1)	AC3	—	(ANY DU FAULT) + (BLACKED OUT DISPLAY) + (CMPTR FAULT))	EICAS DISPLAY	C
31-51-03	AG15	235		PARKING BRAKE	A
31-51-03	DA15	108		FLAPS	A
31-51-03	ED2	332		SPOILERS	A
31-51-03	EA1	431		STABILIZER	A
31-51-04	BC14	463		SPEEDBRAKES EXT	B
31-51-04	BG14	349		GEAR NOT DOWN	A
32-41-01 (SH 1)	EH12	47		BRAKE SOURCE	C
32-41-01 (SH 1)	AG3	226, 235		PARKING BRAKE	C
32-42-03 (SH 2)	AG6	290		AUTOBRAKES	C
32-42-04 (SH 2)	FH10	65, 199		ANTISKID	C
32-42-04 (SH 2)	EJ5	199		ANTISKID OFF	C
NC	FC5	456	456, 767 INSTLN	TAILSKID	C
32-61-01 (SH 2)	DB7	43	(43.298.25 SEC TD). (.210 + (313.127.89.383) + (439.227.293.479) + (372.344))	GEAR DISAGREE	B
32-61-01 (SH 2)	BF9	313	(43.298.25 SEC TD) (.313.127). (89 + 383) .767 INSTLN. 210	L SIDE BRACE	B
32-61-01 (SH 2)	BF1	89	(43.298.25 SEC TD) (.89.383). (313 + 127) .767 INSTLN. 210	L DRAG BRACE	B
32-61-01 (SH 2)	DE7	439	(43.298.25 SEC TD) (.439.277). (293 + 479) .767 INSTLN. 210	R SIDE BRACE	B
32-61-01 (SH 2)	DF9	293	(43.298.25 SEC TD) (293.479). (439 + 277) .767 INSTLN. 210	R DRAG BRACE	B
32-61-01 (SH 2)	BE15	479	(125.335) 35 SEC TD	GEAR DOORS	B
32-61-01 (SH 2)	BF14	125			
32-61-01 (SH 2)	FC2	335			
33-51-01 (SH 1)	EA11	193	193	EMER LIGHTS	C
34-12-01	FE5	136	136 + 111	OVERSPEED	A
34-16-01	BE14	477		ALT ALERT	B
34-21-01 (SH 2)	AG8	68		L IRS DC FAIL	C
34-21-01 (SH 2)	AG5	292		L IRS FAULT	C
34-21-01 (SH 2)	AG1	228		L IRS ON DC	C
34-21-02	DE9	168		R IRS DC FAIL	C
34-21-02	DE2	392		R IRS FAULT	C
34-21-02	DE5	424		R IRS ON DC	C
34-21-03	FC3	374		C IRS DC FAIL	C
34-21-03	FC4	502		C IRS FAULT	C
34-21-03	FD5	150		C IRS ON DC	C
34-22-09 (SH 2)	FA9	289	289	INSTR SWITCH	B

151

EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC

D280T232

**31-41-04**

Page 102.1  
Sheet 3  
Jan 21/2005

659

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	LEVEL
34-53-01	EA13	79	79	ATC FAULT	C
34-61-02 (SH 2)	AG13	299	299	FMC MESSAGE	C
34-61-02 (SH 2)	EK14	257	257.3 SEC TD	L FMC FAIL	C
34-61-04	BK1	239	239.3 SEC TD	R FMC FAIL	C
35-21-01 (SH 1)	FF6	141	141	PASS OXYGEN ON	C
35-21-01 (SH 1)	EE5	375	(25< 500 PSI+25< 552) + (LATCH.25 < 575 PSI+25< 552+75 PSI).375.767	LOW CREW OXYGEN	C
36-11-01	BG11	231	231.6 SECS TD	L BLD ISLN VAL	C
36-11-02	BG7	71	71.6 SECS TD	R BLD ISLN VAL	C
36-11-03	BG13	295	295.6 SECS TD	C BLD ISLN VAL	C
36-11-04 (SH 2)	FF1	365	365.6 SECS TD	APU BLEED VAL	C
36-11-05	EK3	428	428. L ENG RUN	L ENG BLEED OFF	C
36-11-06	EK6	172	172. R ENG RUN	R ENG BLEED OFF	C
36-11-07	EK10	396	396	L ENG HPSOV	B
36-11-07	BH09	469	469	L ENG PRV	B
36-11-08	EK2	427	427	R ENG HPSOV	B
36-11-08	BJ12	117	117	R ENG PRV	B
36-22-01	EK7	171	171	L ENG BLD OVHT	C
36-22-01	EK11	395	395	R ENG BLD OVHT	C
49-00-04 (SH 1)	FB6	105	105	APU FAULT	C
52-70-01 (SH 2)	BB12	496	496. EMER DOORS	L EMER DOOR	C
52-70-01 (SH 1)	BA10	352	352. L ENT DOORS	L FWD ENT DOOR	C
52-70-01 (SH 1)	BE12	368	368. L ENT DOORS	L AFT ENT DOOR	C
52-70-01 (SH 1)			352.368	L ENT DOORS	C
52-70-01 (SH 2)	BD5	481	481. EMER DOORS	R EMER DOOR	C
52-70-01 (SH 1)	AD14	369	369. R ENT DOORS	R FWD ENT DOOR	C
52-70-01 (SH 1)	AD13	353	353. R ENT DOORS	R AFT ENT DOOR	C
52-70-01 (SH 1)			369.353	R ENT DOORS	C
52-70-01 (SH 2)			2 OR MORE OF (496, 481, 109, 333)	EMER DOORS	C
52-70-01 (SH 3)	BA12	109	109. EMER DOORS	L WING SLIDE	C
52-70-01 (SH 3)	BB10	333	333. EMER DOORS	R WING SLIDE	C
52-70-01 (SH 3)	BB7	416	416. ACCESS DOORS	FWD ACCESS DOOR	C
52-70-01 (SH 3)	BA6	160	160. ACCESS DOORS	E/E ACCESS DOOR	C
52-70-01 (SH 3)			416.160	ACCESS DOORS	C
52-70-01 (SH 3)	FF4	493	493. CARGO DOORS	BULK CARGO DOOR	C
NC	BC5	166	166.767	FWD CARGO DOOR	B
52-70-01 (SH 3)	AF15	384	384. CARGO DOORS	FWD CARGO DOOR	C
52-70-01 (SH 3)	BA7	497	497. CARGO DOORS	AFT CARGO DOOR	C
52-70-01 (SH 3)			2 OR MORE OF (493, 384, 497)	CARGO DOORS	C
NC	BB11	128	128	FLT DECK DOOR	C

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	LEVEL
73-14-01	AJ11	50	50. 30 SEC TD	L ENG FUEL FILT	C
73-14-01	BF5	325	325.10 SEC TD	L FUEL HEAT VAL	C
73-14-01	AK7	274	274. 30 SEC TD	R ENG FUEL FILT	C
73-14-01	DF10	296	296. 10 SEC TD	R FUEL HEAT VAL	C
76-11-01 (SH 4)	BD14	350	350 + 134	L ENG SHUTDOWN	B
76-11-01 (SH 4)	BJ11	134			
76-11-01 (SH 4)	BJ3	429	429 + 147	R ENG SHUTDOWN	B
76-11-01 (SH 4)	DK6	147			
76-11-01 (SH 4)	BF13	303	303.6 SECS TD	L ENG FUEL VAL	C
76-11-01 (SH 4)	BD15	415	415.6 SEC TD	R ENG FUEL VAL	C
78-36-01 (SH 1)	BH7	103	103.L AC BUS OFF .2 SEC TD.ON GROUND	L REV ISLN VAL	C
78-36-01 (SH 1)	DH7	391	391.R AC BUS OFF .2 SEC TD.ON GROUND	R REV ISLN VAL	C
79-00-01 (SH 2)	AH3	483	483. L ENG RUN. FAA	L ENG OIL PRESS	C
79-00-01 (SH 2)	DK10	371	371. R ENG RUN. FAA	R ENG OIL PRESS	C
79-00-01 (SH 2)	AH4	131	131	L OIL FILTER	C
79-00-01 (SH 2)	DK3	423	423	R OIL FILTER	C
80-11-01 (SH 2)	FD9	152	152.5 SEC TD	L STARTER CUTOUT	B
80-11-01 (SH 2)	FB5	121	121.5 SEC TD	R STARTER CUTOUT	B
80-11-01 (SH 2)	BH11	327	327.152.5 SEC TD	L ENG STARTER	C
80-11-01 (SH 2)	DK2	440	440.121.5 SEC TD	R ENG STARTER	C

151

**EICAS WARNING  
CAUTION AND  
ADVISORY ANALOG DISC**

D280T232

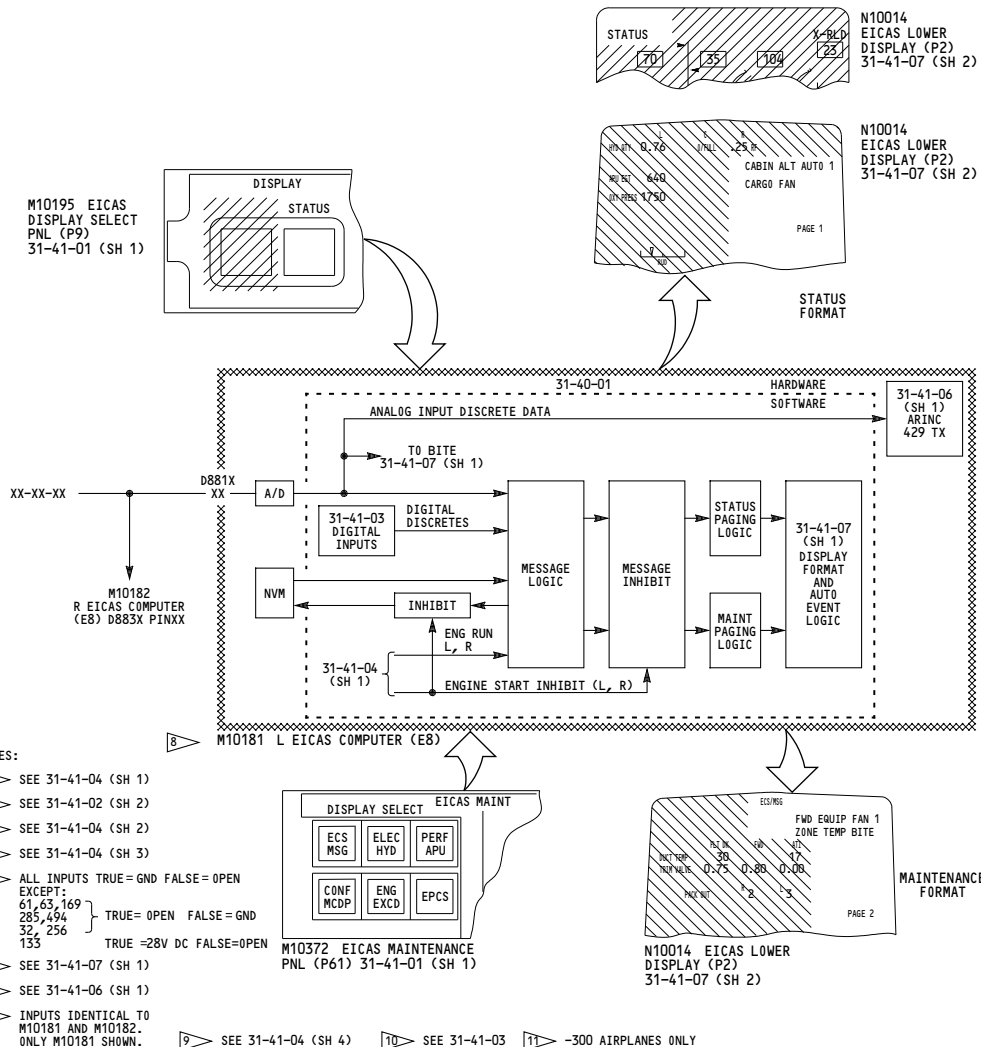
Incorporates  
SL-31-030-A

**31-41-04**

Page 102.1  
Sheet 4  
Jan 21/2005

TABLE 1  
EICAS ANALOG DISCRETE INPUTS

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQUIRED FOR MESSAGE BY INPUT NUMBER	MESSAGE	STATUS	MAINTENANCE
21-26-01	AE3	337	337. R AC BUS OFF 2 SEC TD	BULK CARGO FAN	X	X
21-26-02	AG14	249	249. R AC BUS OFF 767.2 SEC TD + NVM	AFT EQ EXH FAN 1	X	X
21-26-02	AK14	74	74. L AC BUS OFF 767.2 SEC TD + NVM	AFT EQ EXH FAN 2	X	X
21-26-02			(AFT EQ EXH FAN 1) (AFT EQ EXH FAN 2)	AFT EQPT CLG FAN	X	
21-31-01 (SH 1)	EF14	112	112.5 SEC TD	CABIN ALT AUTO 1	X	X
21-31-01 (SH 1)	EF13	336	336.5 SEC TD	CABIN ALT AUTO 2	X	X
21-43-01	ED10	209		FWD CARGO HEAT	X	
21-44-01	ED12	49		AFT CARGO HEAT	X	
21-44-02	FC6	273		BULK CARGO HEAT	X	
21-50-01 (SH 2)	BF8	200		HI FLOW INHIBIT	X	X
21-50-03 (SH 2)	FD2	397		L PACK BITE	X	
21-51-04 (SH 2)	DF11	69		R PACK BITE	X	
21-58-01 (SH 2)	ED14	304	304. 767	EQ COOLING BITE	X	
21-58-01 (SH 2)	DA3	84	84.30 SEC TD + NVM	FWD EQ SUP FLOW	X	X
21-58-01 (SH 2)	DA4	244	244.30 SEC TD 767 + NVM	FLT DK SUP FLOW	X	X
21-58-01 (SH 2)	FF3	487	487.30 SEC TD + NVM	FWD EQ SUP OH	X	X
21-58-04 (SH 1)	AE11	330	330. L AC BUS OFF 767 2 SEC TD	FWD EQ SUP FAN 1	X	X
21-58-04 (SH 2)	AD9	58	58. R AC BUS OFF 767 2 SEC TD	FWD EQ SUP FAN 2	X	X
21-58-05	AJ13	282	282. R AC BUS OFF 2 SEC TD	FWD EQ EXH FAN	X	X
NC	DA2	308	308. 767	FWD EQ REFRIG	X	
21-60-01	DB8	186	186	ZONE TEMP BITE	X	
NC	FG1	96	96 + NVM	L IDG FILTER	X	X
24-11-01			(L IDG OIL TEMP > 175°) + (L IDG OIL TEMP = 0.	L IDG TEMP SENS	X	X
24-11-01			(L ENG RUNNING.60 SEC TD) (L IDG OIL TEMP > 155°)	L IDG OIL TEMP	X	X
24-11-01			600 SEC TD			
24-11-01	FG2	367	L IDG TEMP SENS + NVM	L IDG VALVE	X	X
NC	FG3	320	320 + NVM	R IDG FILTER	X	X
24-11-01			(R IDG OIL TEMP > 175°) + (R IDG OIL TEMP = 0.	R IDG TEMP SENS	X	X
24-11-01			(R ENG RUNNING.60 SEC TD) (R IDG OIL TEMP > 155°)	R IDG OIL TEMP	X	X
24-11-01			600 SEC TD			
24-11-01	FJ1	448	R IDG TEMP SENS + NVM	R IDG VALVE	X	X
24-11-01			286. 20 SEC TD + NVM	IDG RISE TEMP	X	X
24-11-01			(IDG OIL TEMP RISE DIFF (L-R) > 10.° 600 SEC TD			
24-11-01			59. 283			
24-11-01			L IDG TEMP SENS			
24-11-01			R IDG TEMP SENS + NVM			
24-11-01	EE7	539	IDG OUT TEMP DIFF > 20°	IDG OUT TEMP	X	X
24-11-01	EE8	540	.N1 DIFF < 5			
24-11-01	DB1	59	.L GEN OFF. R GEN OFF			
24-11-01			.L IDG TEMP SENS			
24-11-01			R IDG TEMP SENS			
24-11-01	DA12	283	.600 SEC TD + NVM			



050-099, 155-199, 275-299

### EICAS STATUS AND MAINTENANCE ANALOG DISCRETES

D280T232

31-41-05

Page 101  
Sheet 1  
Jan 21/2005

635

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	STATUS	MAINTENANCE	NVM
24-20-05 (SH 1)	FJ4	133	133 + NVM	HYD GEN ON	X	X	A
24-20-05 (SH 1)	EB13	63	63 . HYD GEN INSTLN .5 SEC TD	HYD GEN VAL	X	X	
NC	EC12	46	46	BATTERY CHARGING	X	X	
24-31-01	EA12	494	494. R AC BUS OFF. HYD GEN ON. 10 SEC TD	MAIN BAT CHGR	X	X	X
NC	FE2	169	169. R AC BUS OFF. 10 SEC TD	APU BAT CHGR	X	X	X
24-32-01	EJ14	62	62	T-R UNIT	X	X	
24-33-01			106 ≥ INV AC VOLTS ≥ 124. 0.7 SEC TD. 250 + NVM	STBY INVERTER	X	X	X
24-51-04	BJ14	61	61. L AC BUS OFF	CAPT INSTR XFER	X	X	
24-51-04	BH14	285	285. R AC BUS OFF	F/O INSTR XFER	X	X	
26-11-01 (SH 2)	AG4	356	356. 235	L ENG OH LP 1	X		
		235	356	L ENG OH LP 1	X		
26-11-01 (SH 2)	BE6	453	453. 235	L ENG OH LP 2	X		
		453	453	L ENG OH LP 2	X		
26-11-01 (SH 2)	DG6	467	467. 57	L ENG FIRE LP 1	X		
		57	467	L ENG FIRE LP 1	X		
26-11-01 (SH 2)	EG4	233	233. 57	L ENG FIRE LP 2	X		
		233	233	L ENG FIRE LP 2	X		
26-11-02	DG9	339	339. 466	R ENG OH LP 1	X		
		466	339	R ENG OH LP 1	X		
26-11-02	EG6	297	297. 466	R ENG OH LP 2	X		
		297	297	R ENG OH LP 2	X		
26-11-02	AG2	484	484. 99	R ENG FIRE LP 1	X		
		99	484	R ENG FIRE LP 1	X		
26-11-02	BE9	311	311. 99	R ENG FIRE LP 2	X		
		311	311	R ENG FIRE LP 2	X		
26-15-01 (SH 2)	DF4	420	420. 359	APU FIRE LP 1	X		
		359	420	APU FIRE LP 1	X		
26-15-01 (SH 2)	FD4	161	161. 359	APU FIRE LP 2	X		
		161	161	APU FIRE LP 2	X		
26-16-01 (SH 1)	FE7	385	385. 20 SEC TD	CARGO DET AIR	X	X	
26-16-01 (SH 1)	DG11	419	419. 10 SEC TD	FWD DET FAN	X		
26-16-01 (SH 1)	EC11	206	206. 10 SEC TD	AFT DET FAN	X		
26-16-01 (SH 2)	AH6	36	36. 370	FWD CARGO DET 1	X		
		370	36	FWD CARGO DET 1	X		
26-16-01 (SH 2)	BG5	247	247. 370	FWD CARGO DET 2	X		
		247	247	FWD CARGO DET 2	X		
26-16-01 (SH 2)	DF1	164	164. 472	AFT CARGO DET 1	X		
		472	164	AFT CARGO DET 1	X		
26-16-01 (SH 2)	EG2	73	73. 472	AFT CARGO DET 2	X		
		73	73	AFT CARGO DET 2	X		
26-17-01 (SH 2)	BF12	173	173. 267. 767 INSTL	BODY DUCT LP 1	X		
		267	173. 767 INSTL	BODY DUCT LP 1	X		
26-17-01 (SH 2)	DC10	158	158. 267. 767 INSTL	BODY DUCT LP 2	X		
		158	158. 767 INSTL	BODY DUCT LP 2	X		
26-18-01	DA5	227	227. 450. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	FK8	489	489. 450. 767 INSTL	L STRUT DCT LP 2	X		
26-18-01	AJ15	67	67. 98. 767 INSTL	R STRUT DCT LP 1	X		
26-18-01	FJ8	137	137. 98. 767 INSTAL	R STRUT DCT LP 2	X		
26-18-01	DA5	227	227. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	FK8	489	489. 767 INSTAL	L STRUT DCT LP 2	X		
26-18-01	AJ15	67	67. 767 INSTL	R STRUT DCT LP 1	X		
26-18-01	FJ8	137	137. 767 INSTAL	R STRUT DCT LP 2	X		

NOTES: 12 AN -A- IN THE NVM COLUMN DENOTES THIS MESSAGE IS LATCHED INTO NVM ONLY IN THE AIR

050-099, 155-199, 275-299

## EICAS STATUS AND MAINTENANCE ANALOG DISCRETES

D280T232

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	STATUS	MAINTENANCE	NVM
27-09-05	EK13	301	301. STBY BUS OFF	YAW DAMPER	X	X	
27-09-05	EJ11	207	207. STBY BUS OFF	STAB TRIM	X	X	
27-09-05	EK9	77	77. 20 SEC TD	RUDDER RATIO	X	X	
27-09-05	AH14	82	82. STBY BUS OFF. 10 SEC TD	SPOILERS	X	X	
27-09-05	FD3	270	270. STBY BUS OFF. 30 SEC TD	L FLT CONT ELEC	X	X	
27-09-05	EA10	222	222. STBY BUS OFF. 30 SEC TD	R FLT CONT ELEC	X	X	
27-30-01 (SH 3)	DC4	314	314. ALL HYD PRESS > 1700 PSI. 767 INSTLN. 30 SEC TD	ELEV FEEL	X	X	A
27-51-02	DF3	500	500. STBY BUS OFF. 5 SEC TD	FLAP/SLAT ELEC	X	X	
27-51-04 (SH 2)	DA8	247	247. 122. 767	TE FLAP SHUTDOWN	X	X	
		122					
27-81-03 (SH 2)	AK13	307	307. 474. 767	LE SLAT SHUTDOWN	X	X	
		474					
28-40-01	FD10	192	192	DC FUEL PUMP ON	X		
28-40-01		192	ANY TANK DATA INVALID. 175. FUEL QTY CHANNEL. FUEL QTY IND	FUEL QTY BITE	X		
28-40-01	ED4	175	175	FUEL QTY BITE	X		
28-40-01	FE6	488	488. 488. 10 SEC TD + NVM	APU ISLN VAL	X	X	
		488	488. 10 SEC TD + NVM	APU ISLN VAL	X	X	
28-40-01		170	ANY CHAN OR CROSS-CHAN FAULT	FUEL QTY CHANNEL	X		
28-40-01		170	ANY TANK ACCURACY FAULT	FUEL QTY IND	X		
29-00-07 (SH 1)			L HYD SYS PRESS < 2800. 403.	L HYD SYS MAINT	X	X	X
29-00-07 (SH 1)			BOTH ENG RUN. 60 SEC TD + NVM	R HYD SYS MAINT	X	X	X
29-00-07 (SH 1)			R HYD SYS PRESS < 2800. 120.	C HYD SYS MAINT	X	X	X
29-00-07 (SH 1)			BOTH ENG RUN. 60 SEC TD + NVM				
29-00-07 (SH 1)			C HYD SYS PRESS < 2800. 60				
29-00-07 (SH 1)			BOTH ENG RUN. 60 SEC TD + NVM				
29-00-05 (SH 2)			L HYD QTY READOUT "0F"	L HYD QTY 0/FULL	X		
29-00-05 (SH 2)			C HYD QTY READOUT "0F"	C HYD QTY 0/FULL	X		
29-00-05 (SH 2)			R HYD QTY READOUT "0F"	R HYD QTY 0/FULL	X		
30-11-01 (SH 1)	FK1	495	495. 10 SEC TD + NVM	L WING TAI VALVE	X	X	
30-11-01 (SH 1)	FH1	143	143. 10 SEC TD + NVM	R WING TAI VALVE	X	X	
30-21-01 (SH 1)	FG5	95	95. 10 SEC TD + NVM	L ENG TAI VALVE	X	X	
30-21-01 (SH 1)	FG8	319	319. 10 SEC TD + NVM	R ENG TAI VALVE	X	X	
30-81-01	BB13	461	(461. 0N GND) + (461. IN AIR). 404. 767. 5 SEC TD	L ICE DETECTOR	X	X	
30-81-01	BH8	455	(455. 0N GND) + (455. IN AIR). 404. 767. 5 SEC TD	R ICE DETECTOR	X	X	A
30-31-01	FBB	457	457. 0N GND. 10 SEC TD + NVM	CAPT PITOT HEAT	X	X	
30-31-01	EK12	394	394. 0N GND. 10 SEC TD + NVM	F/O PITOT HEAT	X	X	
30-31-01	EK5	170	170. 0N GND. 10 SEC TD + NVM	L AUX PITOT HEAT	X	X	
30-31-01	EK8	237	237. 0N GND. 10 SEC TD + NVM	R AUX PITOT HEAT	X	X	
30-81-01	ED7	254	254	ICE DETECTOR	X		
31-31-01 (SH 1)	EC10	113	113. (75 + 767). BOTH ENGINES RUNNING. L AC BUS OFF. 60 SECS TD + NVM	FLT DATA REC	X	X	A
	AJ14	75					
31-31-01 (SH 1)			75. 767 INSTLN. L AC BUS OFF. BOTH ENG RUNNING. 60 SECS TD + NVM	FLT DATA ACQ	X	X	A
31-41-07 (SH 1)	BD4	—	OTHER FAIL .L + OWN FAIL .L OTHER FAIL .L + OWN FAIL .L	L EICAS CMPT R	X		
31-41-07 (SH 1)			OWN CMPT R FAIL + OTHER CMPT R FAIL + L EICAS CMPT R + R EICAS CMPT R	EICAS BITE	X		
31-41-07 (SH 2)			+ NO CROSSTALK DATA. OTHER FAIL ENG DISAGREE IN NVM + CAUTION ALERT FAULT (OWN) + CAUTION ALERT FAULT (OTHER)	EICAS DISAGREE	X		
31-51-01 (SH 1)	BC8	412	412. STBY BUS OFF	WARN ELEX	X	X	

31-41-05

Page 101  
Sheet 2  
Jan 21/2005



TABLE 1 (CONT)

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	STATUS	MAINTENANCE	NVM
32-09-02 (SH 1)	FE9	360	360 * 445. L AC BUS OFF.	AIR/GND DISAGREE	X	X	X
32-09-02 (SH 1)	BJ13	445	R AC BUS OFF. 10 SEC TD + NVM				
32-09-02 (SH 1)	FF8	421	421 * 157. L AC BUS OFF.	NOSE A/G DISAGREE	X	X	X
32-42-04 (SH 2)	BH1	157	R AC BUS OFF. 10 SEC TD + NVM				
32-42-04 (SH 2)	BF15	159	159. ANTI-SKID OFF	NORM ANTI-SKID	X	X	
32-42-04 (SH 2)	AD3	398	398. ANTI-SKID OFF	ALTN ANTI-SKID	X	X	
32-42-04 (SH 2)	DB12	78	78. 199. ANTISKID/AUTOBRK IN NVM	ANTISKID/AUTOBRK			
			78. L AC BUS OFF. R AC BUS OFF.	ANTISKID/AUTOBRK		X	X
			MAIN BATT. SW OFF. 10 SEC TD).				
			(199. 199(N-1) + NVM				
32-61-01 (SH 2)	AD10	83	((83*202). R AC BUS OFF). 2 SEC TD	NOSE GEAR LOCKED		X	X
32-61-01 (SH 2)	DC12	202	+NVM				
32-61-01 (SH 2)			((298*43). R AC BUS OFF. 767).	GEAR DISAGREE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((125*335). R AC BUS OFF. 767).	GEAR DOORS		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((372*344). R AC BUS OFF).	NOSE GEAR DOWN		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((127*313). R AC BUS OFF. 767).	L SIDE BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((383*89). R AC BUS OFF. 767).	L DRAG BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((439*277). R AC BUS OFF. 767).	R SIDE BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((293*479). R AC BUS OFF. 767).	R DRAG BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)	ED11	191	((191. 372. 342. R AC BUS OFF).	ALL GEAR DOWN		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			NOSE GEAR LOCKED + GEAR DISAGREE	LDG GEAR MONITOR	X		
			+GEAR DOORS + NOSE GEAR DOWN				
			+L SIDE BRACE + L DRAG BRACE				
			+R SIDE BRACE + R DRAG BRACE				
			+ALL GEAR DOWN				
34-46-01 (SH 2)	BJ1	33	33. STBY BUS OFF. 5 SEC TD	GND PROX BITE	X	X	
36-11-07		396	396	L ENG BLEED VAL	X	X	
36-11-08		427	427	R ENG BLEED VAL	X	X	
38-30-01	BB13	461	461.767	AFT WASTE SNSR		X	
38-30-02	BH8	455	455.767	FWD WASTE SNSR		X	
49-00-02	EK4	426	(426.60 SEC TD)	APU OIL QTY	X	X	X
			+(APU OIL QTY ADD.APU OIL QTY PP.60				
			SEC TD) + NVM				
49-00-04 (SH 2)	BA13	480	480 + NVM	APU BITE		X	X
49-00-04 (SH 2)	FE1	393	393.60 SEC TD	APU DOOR	X	X	

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	STATUS	MAINTENANCE	NVM
73-21-05	FJ10	32	32. STBY BUS OFF 10 SEC TD. 767	L ENG SPEED CARD	X	X	X
73-21-05	FB10	256	+NVM	R ENG SPEED CARD	X	X	X
			256. STBY BUS OFF 10 SEC TD. 767				
			+NVM				
73-31-01	DB11	81	81	L PIMU		X	
73-31-01	EA8	30	30	R PIMU		X	
74-31-01 (SH 1)	BH15	317	317.767 INSTLN	IGN 1 STBY BUS		X	
74-31-01 (SH 1)	BK2	413	413.767 INSTLN	IGN 2 STBY BUS		X	
75-23-01	BH5	341	341. L AC BUS OFF. ((L ENG RUN.	L NAC VENT VAL		X	A
			ALT<35K)+0N GND)).6 SEC TD + NVM				
75-23-01	EJ3	214	214. R AC BUS OFF. ((L ENG RUN.	R NAC VENT VAL		X	A
			ALT<35K)+0N GND)).6 SEC TD + NVM.				
78-36-01	DF13	486	486.LTRA>43 DEG.10 SEC TD	L REV INTERLOCK	X	X	X
78-36-01	FK8	499	499.RTRA>43 DEG.10 SEC TD	R REV INTERLOCK	X	X	X

050-099, 155-199, 275-299

**EICAS STATUS AND  
MAINTENANCE ANALOG  
DISCRETES**

D280T232

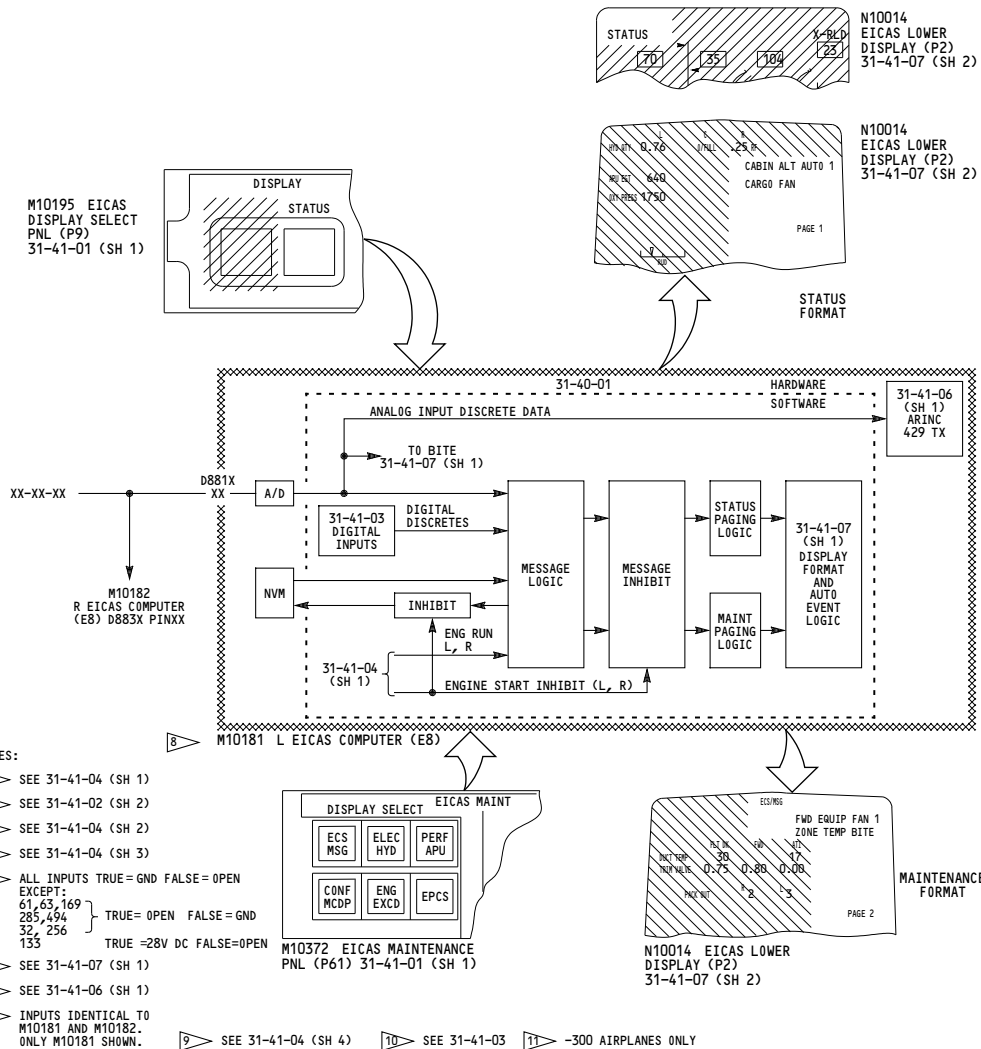
**31-41-05**

Page 101  
Sheet 3  
Jan 21/2005

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TABLE 1  
EICAS ANALOG DISCRETE INPUTS

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQUIRED FOR MESSAGE BY INPUT NUMBER	MESSAGE	STATUS	MAINTENANCE
21-26-01	AE3	337	337. R AC BUS OFF 2 SEC TD	BULK CARGO FAN	X	X
21-26-02	AG14	249	249. R AC BUS OFF 767.2 SEC TD + NVM	AFT EQ EXH FAN 1	X	X
21-26-02	AK14	74	74. L AC BUS OFF 767.2 SEC TD + NVM	AFT EQ EXH FAN 2	X	X
21-26-02			(AFT EQ EXH FAN 1)	AFT EQPT CLG FAN	X	
21-31-01 (SH 1)	EF14	112	112.5 SEC TD	CABIN ALT AUTO 1	X	X
21-31-01 (SH 1)	EF13	336	336.5 SEC TD	CABIN ALT AUTO 2	X	X
21-43-01	ED10	209		FWD CARGO HEAT	X	
21-44-01	ED12	49		AFT CARGO HEAT	X	
21-44-02	FC6	273		BULK CARGO HEAT	X	
21-50-01 (SH 2)	BF8	200		HI FLOW INHIBIT	X	X
21-50-03 (SH 2)	FD2	397		L PACK BITE	X	
21-51-04 (SH 2)	DF11	69		R PACK BITE	X	
21-58-01 (SH 2)	ED14	304	304. 767	EQ COOLING BITE	X	
21-58-01 (SH 2)	DA3	84	84.30 SEC TD + NVM	FWD EQ SUP FLOW	X	X
21-58-01 (SH 2)	DA4	244	244.30 SEC TD 767 + NVM	FLT DK SUP FLOW	X	X
21-58-01 (SH 2)	FF3	487	487.30 SEC TD + NVM	FWD EQ SUP OH	X	X
21-58-04 (SH 1)	AE11	330	330. L AC BUS OFF 767 2 SEC TD	FWD EQ SUP FAN 1	X	X
21-58-04 (SH 2)	AD9	58	58. R AC BUS OFF 767 2 SEC TD	FWD EQ SUP FAN 2	X	X
21-58-05	AJ13	282	282. R AC BUS OFF 2 SEC TD	FWD EQ EXH FAN	X	X
NC	DA2	308	308. 767	FWD EQ REFRIG	X	
21-60-01	DB8	186		ZONE TEMP BITE	X	
NC	FG1	96	96 + NVM	L IDG LEVEL	X	X
24-11-01			(L IDG OIL TEMP > 175°) + ((L IDG OIL TEMP = 0.5) . L ENG RUNNING 59.60 SEC TD)	L IDG TEMP SENS	X	X
24-11-01			(L IDG OIL TEMP > 155°) 600 SEC TD	L IDG OIL TEMP	X	X
24-11-01	FG2	367	328. 20 SEC TD + NVM	L IDG VALVE	X	X
NC	FG3	320	320 + NVM	R IDG LEVEL	X	X
24-11-01			(R IDG OIL TEMP > 175°) + ((R IDG OIL TEMP = 0.5) . R ENG RUNNING 238.60 SEC TD)	R IDG TEMP SENS	X	X
24-11-01			(R IDG OIL TEMP > 155°) 600 SEC TD	R IDG OIL TEMP	X	X
24-11-01	FJ1	448	286. 20 SEC TD + NVM	R IDG VALVE	X	X
24-11-01			(IDG OIL TEMP RISE DIFF (L-R) > 10.° 600 SEC TD	IDG RISE TEMP	X	X
24-11-01	EE7	539	.NT DIFF < 5	IDG OUT TEMP	X	X
24-11-01	EE8	540	.L GEN OFF .R GEN OFF			
24-11-01	DB1	59	.L IDG TEMP SENS			
24-11-01	DA12	283	.R IDG TEMP SENS .600 SEC TD + NVM			



050-051, 275-280

**EICAS STATUS AND  
MAINTENANCE ANALOG  
DISCRETES**

Incorporates  
SL-31-030-A

D280T232

**31-41-05**

Page 101.1  
Sheet 1  
Jan 21/2005

635

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	STATUS	MAINTENANCE	NVM
24-20-05 (SH 1)	FJ4	133	133 + NVM	HYD GEN ON	X	X	A
24-20-05 (SH 1)	EB13	63	63 . HYD GEN INSTLN .5 SEC TD	HYD GEN VAL	X	X	
NC	EC12	46	46	BATTERY CHARGING	X	X	
24-31-01	EA12	494	494. R AC BUS OFF. HYD GEN ON. 10 SEC TD	MAIN BAT CHGR	X	X	X
NC	FE2	169	169. R AC BUS OFF. 10 SEC TD	APU BAT CHGR	X	X	X
24-32-01	EJ14	62	62	T-R UNIT	X	X	
24-33-01			106 ≥ INV AC VOLTS ≥ 124. 0.7 SEC TD. 250 + NVM	STBY INVERTER	X	X	X
24-51-04	BJ14	61	61. L AC BUS OFF	CAPT INSTR XFER	X	X	
24-51-04	BH14	285	285. R AC BUS OFF	F/O INSTR XFER	X	X	
26-11-01 (SH 2)	AG4	356	356. 235	L ENG OH LP 1	X		
		235	356	L ENG OH LP 1	X		
26-11-01 (SH 2)	BE6	453	453. 235	L ENG OH LP 2	X		
		453	453	L ENG OH LP 2	X		
26-11-01 (SH 2)	DG6	467	467. 57	L ENG FIRE LP 1	X		
		57	467	L ENG FIRE LP 1	X		
26-11-01 (SH 2)	EG4	233	233. 57	L ENG FIRE LP 2	X		
		233	233	L ENG FIRE LP 2	X		
26-11-02	DG9	339	339. 466	R ENG OH LP 1	X		
		466	339	R ENG OH LP 1	X		
26-11-02	EG6	297	297. 466	R ENG OH LP 2	X		
		297	297	R ENG OH LP 2	X		
26-11-02	AG2	484	484. 99	R ENG FIRE LP 1	X		
		99	484	R ENG FIRE LP 1	X		
26-11-02	BE9	311	311. 99	R ENG FIRE LP 2	X		
		311	311	R ENG FIRE LP 2	X		
26-15-01 (SH 2)	DF4	420	420. 359	APU FIRE LP 1	X		
		359	420	APU FIRE LP 1	X		
26-15-01 (SH 2)	FD4	161	161. 359	APU FIRE LP 2	X		
		161	161	APU FIRE LP 2	X		
26-16-01 (SH 1)	FE7	385	385. 20 SEC TD	CARGO DET AIR	X	X	
26-16-01 (SH 1)	DG11	419	419. 10 SEC TD	FWD DET FAN	X		
26-16-01 (SH 1)	EC11	206	206. 10 SEC TD	AFT DET FAN	X		
26-16-01 (SH 2)	AH6	36	36. 370	FWD CARGO DET 1	X		
		370	36	FWD CARGO DET 1	X		
26-16-01 (SH 2)	BG5	247	247. 370	FWD CARGO DET 2	X		
		247	247	FWD CARGO DET 2	X		
26-16-01 (SH 2)	DF1	164	164. 472	AFT CARGO DET 1	X		
		472	164	AFT CARGO DET 1	X		
26-16-01 (SH 2)	EG2	73	73. 472	AFT CARGO DET 2	X		
		73	73	AFT CARGO DET 2	X		
26-17-01 (SH 2)	BF12	173	173. 267. 767 INSTL	BODY DUCT LP 1	X		
		267	173. 767 INSTL	BODY DUCT LP 1	X		
26-17-01 (SH 2)	DC10	158	158. 267. 767 INSTL	BODY DUCT LP 2	X		
		158	158. 767 INSTL	BODY DUCT LP 2	X		
26-18-01	DA5	227	227. 450. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	FK8	489	489. 450. 767 INSTL	L STRUT DCT LP 2	X		
26-18-01	AJ15	67	67. 98. 767 INSTL	R STRUT DCT LP 1	X		
26-18-01	FJ8	137	137. 98. 767 INSTAL	R STRUT DCT LP 2	X		
26-18-01	DA5	227	227. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	FK8	489	489. 767 INSTAL	L STRUT DCT LP 2	X		
26-18-01	AJ15	67	67. 767 INSTL	R STRUT DCT LP 1	X		
26-18-01	FJ8	137	137. 767 INSTAL	R STRUT DCT LP 2	X		

NOTES: 12 AN -A- IN THE NVM COLUMN DENOTES THIS MESSAGE IS LATCHED INTO NVM ONLY IN THE AIR

050-051, 275-280

## EICAS STATUS AND MAINTENANCE ANALOG DISCRETES

D280T232

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	STATUS	MAINTENANCE	NVM
27-09-05	EK13	301	301. STBY BUS OFF	YAW DAMPER	X	X	
27-09-05	EJ11	207	207. STBY BUS OFF	STAB TRIM	X	X	
27-09-05	EK9	77	77. 20 SEC TD	RUDDER RATIO	X	X	
27-09-05	AH14	82	82. STBY BUS OFF. 10 SEC TD	SPOILERS	X	X	
27-09-05	FD3	270	270. STBY BUS OFF. 30 SEC TD	L FLT CONT ELEC	X	X	
27-09-05	EA10	222	222. STBY BUS OFF. 30 SEC TD	R FLT CONT ELEC	X	X	
27-30-01 (SH 3)	DC4	314	314. ALL HYD PRESS > 1700 PSI. 767 INSTLN. 30 SEC TD	ELEV FEEL	X	X	A
27-51-02	DF3	500	500. STBY BUS OFF. 5 SEC TD	FLAP/SLAT ELEC	X	X	
27-51-04 (SH 2)	DA8	247	247. 122. 767	TE FLAP SHUTDOWN	X	X	
		122			X	X	
27-81-03 (SH 2)	AK13	307	307. 474. 767	LE SLAT SHUTDOWN	X	X	
		474			X	X	
28-40-01	FD10	192	192	DC FUEL PUMP ON	X		
28-40-01		192	ANY TANK DATA INVALID. 175. FUEL QTY CHANNEL. FUEL QTY IND	FUEL QTY BITE	X		
28-40-01	ED4	175	175	FUEL QTY BITE	X	X	
28-40-01	FE6	488	488. 488. 10 SEC TD + NVM	APU ISLN VAL	X	X	X
		488	488. 10 SEC TD + NVM	APU ISLN VAL	X	X	
28-40-01		170	ANY CHAN OR CROSS-CHAN FAULT	FUEL QTY CHANNEL	X		
28-40-01		170	ANY TANK ACCURACY FAULT	FUEL QTY IND	X		
29-00-07 (SH 1)			L HYD SYS PRESS < 2800. 403.	L HYD SYS MAINT	X	X	X
29-00-07 (SH 1)			BOTH ENG RUN. 60 SEC TD + NVM	R HYD SYS MAINT	X	X	X
29-00-07 (SH 1)			R HYD SYS PRESS < 2800. 120.	C HYD SYS MAINT	X	X	X
29-00-07 (SH 1)			BOTH ENG RUN. 60 SEC TD + NVM		X	X	
29-00-07 (SH 1)			C HYD SYS PRESS < 2800. 60		X	X	
29-00-07 (SH 1)			BOTH ENG RUN. 60 SEC TD + NVM		X	X	
29-00-05 (SH 2)			L HYD QTY READOUT "0F"	L HYD QTY 0/FULL	X		
29-00-05 (SH 2)			C HYD QTY READOUT "0F"	C HYD QTY 0/FULL	X		
29-00-05 (SH 2)			R HYD QTY READOUT "0F"	R HYD QTY 0/FULL	X		
30-11-01 (SH 1)	FK1	495	495. 10 SEC TD + NVM	L WING TAI VALVE	X	X	
30-11-01 (SH 1)	FH1	143	143. 10 SEC TD + NVM	R WING TAI VALVE	X	X	
30-21-01 (SH 1)	FG5	95	95. 10 SEC TD + NVM	L ENG TAI VALVE	X	X	
30-21-01 (SH 1)	FG8	319	319. 10 SEC TD + NVM	R ENG TAI VALVE	X	X	
30-81-01	BB13	461	(461. 0N GND) + (461. IN AIR). 404. 767. 5 SEC TD	L ICE DETECTOR	X	X	
30-81-01	BH8	455	(455. 0N GND) + (455. IN AIR). 404. 767. 5 SEC TD	R ICE DETECTOR	X	X	A
30-31-01	FBB	457	457. 0N GND. 10 SEC TD + NVM	CAPT PITOT HEAT	X	X	
30-31-01	EK12	394	394. 0N GND. 10 SEC TD + NVM	F/O PITOT HEAT	X	X	
30-31-01	EK5	170	170. 0N GND. 10 SEC TD + NVM	L AUX PITOT HEAT	X	X	
30-31-01	EK8	237	237. 0N GND. 10 SEC TD + NVM	R AUX PITOT HEAT	X	X	
30-81-01	ED7	254	254	ICE DETECTOR	X		
31-31-01 (SH 1)	EC10	113	113. (75 + 767). BOTH ENGINES RUNNING. L AC BUS OFF. 60 SECS TD + NVM	FLT DATA REC	X	X	A
	AJ14	75			X	X	
31-31-01 (SH 1)			75. 767 INSTLN. L AC BUS OFF. BOTH ENG RUNNING. 60 SECS TD + NVM	FLT DATA ACQ	X	X	A
31-41-07 (SH 1)	BD4	—	OTHER FAIL .L + OWN FAIL .L OTHER FAIL .L + OWN FAIL .L	L EICAS CMPT R	X		
31-41-07 (SH 1)				R EICAS CMPT R	X		
31-41-07 (SH 1)			OWN CMPT R FAIL + OTHER CMPT R FAIL + L EICAS CMPT R + R EICAS CMPT R	EICAS BITE	X		
31-41-07 (SH 2)			+ NO CROSSTALK DATA. OTHER FAIL ENG DISAGREE IN NVM + CAUTION ALERT FAULT (OWN) + CAUTION ALERT FAULT (OTHER)	EICAS DISAGREE	X		
31-51-01 (SH 1)	BC8	412	412. STBY BUS OFF	WARN ELEX	X	X	

31-41-05

Page 101.1  
Sheet 2  
Jan 21/2005

TABLE 1 (CONT)

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	STATUS	MAINTENANCE	NVM
32-09-02 (SH 1)	FE9	360	360 * 445. L AC BUS OFF.	AIR/GND DISAGREE	X	X	X
32-09-02 (SH 1)	BJ13	445	R AC BUS OFF. 10 SEC TD + NVM				
32-09-02 (SH 1)	FF8	421	421 * 157. L AC BUS OFF.	NOSE A/G DISAGREE	X	X	X
32-42-04 (SH 2)	BH1	157	R AC BUS OFF. 10 SEC TD + NVM				
32-42-04 (SH 2)	BF15	159	159. ANTI-SKID OFF	NORM ANTI-SKID	X	X	
32-42-04 (SH 2)	AD3	398	398. ANTI-SKID OFF	ALTN ANTI-SKID	X	X	
32-42-04 (SH 2)	DB12	78	78. 199. ANTISKID/AUTOBRK IN NVM	ANTISKID/AUTOBRK			
			78. L AC BUS OFF. R AC BUS OFF.	ANTISKID/AUTOBRK		X	X
			MAIN BATT. SW OFF. 10 SEC TD).				
			(199. 199(N-1) + NVM				
32-61-01 (SH 2)	AD10	83	((83*202). R AC BUS OFF). 2 SEC TD	NOSE GEAR LOCKED		X	X
32-61-01 (SH 2)	DC12	202	+NVM				
32-61-01 (SH 2)			((298*43). R AC BUS OFF. 767).	GEAR DISAGREE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((125*335). R AC BUS OFF. 767).	GEAR DOORS		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((372*344). R AC BUS OFF).	NOSE GEAR DOWN		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((127*313). R AC BUS OFF. 767).	L SIDE BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((383*89). R AC BUS OFF. 767).	L DRAG BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((439*277). R AC BUS OFF. 767).	R SIDE BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((293*479). R AC BUS OFF. 767).	R DRAG BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)	ED11	191	((191. 372. 342. R AC BUS OFF).	ALL GEAR DOWN		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			NOSE GEAR LOCKED + GEAR DISAGREE	LDG GEAR MONITOR	X		
			+GEAR DOORS + NOSE GEAR DOWN				
			+L SIDE BRACE + L DRAG BRACE				
			+R SIDE BRACE + R DRAG BRACE				
			+ALL GEAR DOWN				
34-46-01 (SH 2)	BJ1	33	33. STBY BUS OFF. 5 SEC TD	GND PROX BITE	X	X	
36-11-07		396	396	L ENG BLEED VAL	X	X	
36-11-08		427	427	R ENG BLEED VAL	X	X	
38-30-01	BB13	461	461.767	AFT WASTE SNSR	X	X	
38-30-02	BH8	455	455.767	FWD WASTE SNSR	X	X	
49-00-02	EK4	426	(426.60 SEC TD)	APU OIL QTY	X	X	X
			+(APU OIL QTY ADD.APU OIL QTY PP.60				
			SEC TD) + NVM				
49-00-04 (SH 2)	BA13	480	480 + NVM	APU BITE		X	X
49-00-04 (SH 2)	FE1	393	393.60 SEC TD	APU DOOR	X	X	

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	STATUS	MAINTENANCE	NVM
73-21-05	FJ10	32	32. STBY BUS OFF 10 SEC TD. 767	L ENG SPEED CARD	X	X	X
73-21-05	FB10	256	+NVM	R ENG SPEED CARD	X	X	X
			256. STBY BUS OFF 10 SEC TD. 767				
			+NVM				
73-31-01	DB11	81	81	L PIMU		X	
73-31-01	EA8	30	30	R PIMU		X	
74-31-01 (SH 1)	BH15	317	317.767 INSTLN	IGN 1 STBY BUS		X	
74-31-01 (SH 1)	BK2	413	413.767 INSTLN	IGN 2 STBY BUS		X	
75-23-01	BH5	341	341. L AC BUS OFF. ((L ENG RUN.	L NAC VENT VAL		X	A
			ALT<35K)+0N GND)).6 SEC TD + NVM				
75-23-01	EJ3	214	214. R AC BUS OFF. ((L ENG RUN.	R NAC VENT VAL		X	A
			ALT<35K)+0N GND)).6 SEC TD + NVM.				
78-36-01	DF13	486	486.LTRA>43 DEG.10 SEC TD	L REV INTERLOCK	X	X	X
78-36-01	FK8	499	499.RTRA>43 DEG.10 SEC TD	R REV INTERLOCK	X	X	X
78-36-01	BH7	103	103.236.2 SEC TD.	L REV ISLN VAL	X	X	X
78-36-01	DH7	391	391.76.2 SEC TD	R REV ISLN VAL	X	X	X

050-051, 275-280

**EICAS STATUS AND  
MAINTENANCE ANALOG  
DISCRETES**

Incorporates  
SL-31-030-A

D280T232

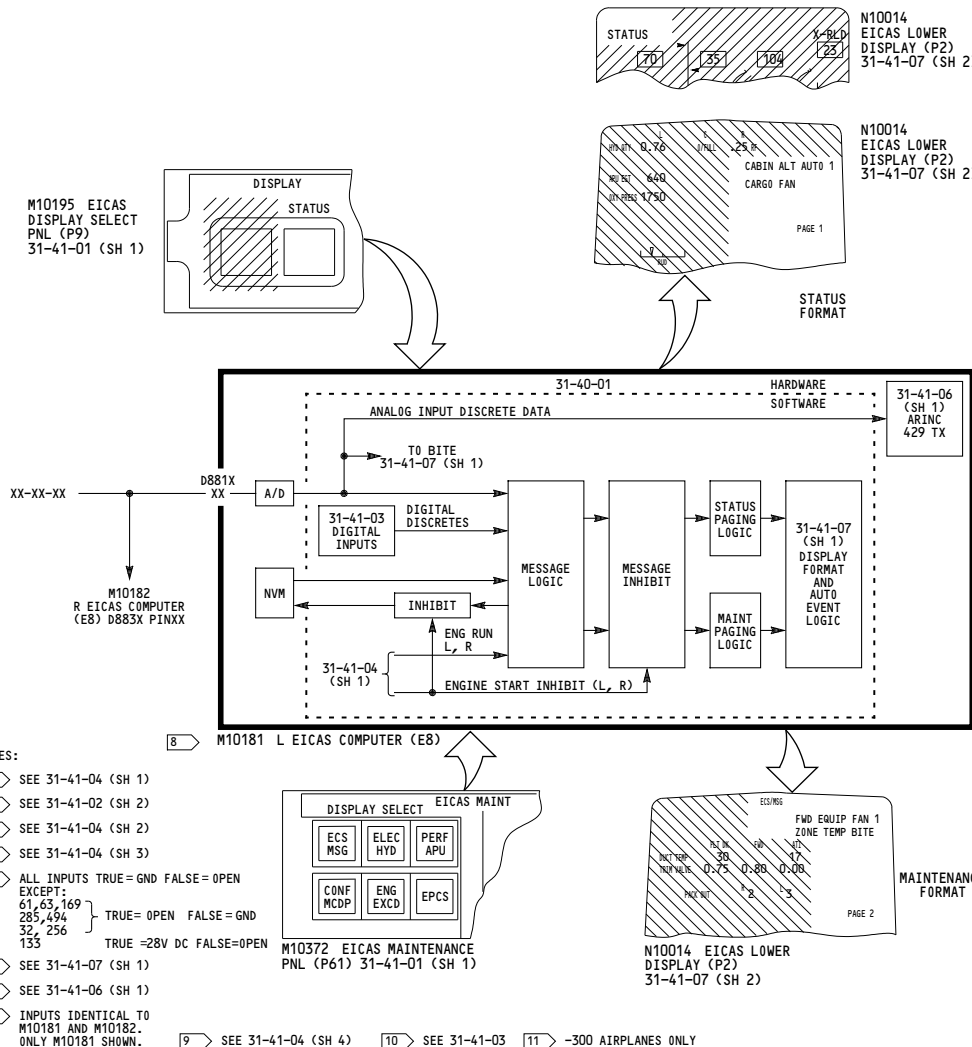
**31-41-05**

Page 101.1  
Sheet 3  
Jan 21/2005

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TABLE 1  
EICAS ANALOG DISCRETE INPUTS

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQUIRED FOR MESSAGE BY INPUT NUMBER	MESSAGE	STATUS	MAINTENANCE
21-26-01	AE3	337	337. R AC BUS OFF 2 SEC TD	BULK CARGO FAN	X	X
21-26-02	AG14	249	249. R AC BUS OFF 767.2 SEC TD + NVM	AFT EQ EXH FAN 1	X	X
21-26-02	AK14	74	74. L AC BUS OFF 767.2 SEC TD + NVM	AFT EQ EXH FAN 2	X	X
21-26-02			(AFT EQ EXH FAN 1) (AFT EQ EXH FAN 2)	AFT EQPT CLG FAN	X	
21-31-01 (SH 1)	EF14	112	112.5 SEC TD	CABIN ALT AUTO 1	X	X
21-31-01 (SH 1)	EF13	336	336.5 SEC TD	CABIN ALT AUTO 2	X	X
21-43-01	ED10	209		FWD CARGO HEAT	X	
21-44-01	ED12	49	49	AFT CARGO HEAT	X	
21-44-02	FC6	273	273	BULK CARGO HEAT	X	
21-50-01 (SH 2)	BF8	200	200	HI FLOW INHIBIT	X	X
21-50-03 (SH 2)	FD2	397	397	L PACK BITE	X	
21-51-04 (SH 2)	DF11	69	69	R PACK BITE	X	
21-58-01 (SH 2)	ED14	304	304. 767	EQ COOLING BITE	X	
21-58-01 (SH 2)	DA3	84	84.30 SEC TD +NVM	FWD EQ SUP FLOW	X	X
21-58-01 (SH 2)	DA4	244	244.30 SEC TD 767 + NVM	FLT DK SUP FLOW	X	X
21-58-01 (SH 2)	FF3	487	487.30 SEC TD +NVM	FWD EQ SUP OH	X	X
21-58-04 (SH 1)	AE11	330	330. L AC BUS OFF 767 2 SEC TD	FWD EQ SUP FAN 1	X	X
21-58-04 (SH 2)	AD9	58	58. R AC BUS OFF 767 2 SEC TD	FWD EQ SUP FAN 2	X	X
21-58-05	AJ13	282	282. R AC BUS OFF 2 SEC TD	FWD EQ EXH FAN	X	X
NC	DA2	308	308. 767	FWD EQ REFRIG	X	
21-60-01	DB8	186	186	ZONE TEMP BITE	X	
NC	FG1	96	96 + NVM	L IDG OIL LEVEL	X	X
24-11-01			(L IDG OIL TEMP > 175°) + (L IDG OIL TEMP = 0.	L IDG TEMP SENS	X	X
24-11-01			(L ENG RUNNING.60 SEC TD) (L IDG OIL TEMP > 155°) 600 SEC TD	L IDG OIL TEMP	X	X
24-11-01	FG2	367	L IDG TEMP SENS + NVM	L IDG VALVE	X	X
NC	FG3	320	320 + NVM	R IDG OIL LEVEL	X	X
24-11-01			(R IDG OIL TEMP > 175°) + (R IDG OIL TEMP = 0.	R IDG TEMP SENS	X	X
24-11-01			(R ENG RUNNING.60 SEC TD) (R IDG OIL TEMP > 155°) 600 SEC TD	R IDG OIL TEMP	X	X
24-11-01	FJ1	448	R IDG TEMP SENS + NVM	R IDG VALVE	X	X
24-11-01			286. 20 SEC TD + NVM (IDG OIL TEMP RISE DIFF (L-R) >10.° 600 SEC TD 59. 283	IDG RISE TEMP	X	X
24-11-01	EE7	539	L IDG TEMP SENS	L IDG TEMP SENS	X	
EE8	540		R IDG TEMP SENS	R IDG TEMP SENS	X	
DB1	59		IDG OUT TEMP DIFF > 20°	IDG OUT TEMP	X	X
DA12	283		.N1 DIFF < 5 .L GEN OFF .R GEN OFF .L IDG TEMP SENS R IDG TEMP SENS .600 SEC TD + NVM			



155-167

**EICAS STATUS AND MAINTENANCE ANALOG DISCRETES**

D280T232

Incorporates  
31-0100 R02  
SL-31-030-A

**31-41-05**

Page 101.2  
Sheet 1  
Jan 21/2005

635

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	STATUS	MAINTENANCE	
							NVM
24-20-05 (SH 1)	FJ4	133	133 + NVM	HYD GEN ON	X	X	A
24-20-05 (SH 1)	EB13	63	63 . HYD GEN INSTLN .5 SEC TD	HYD GEN VAL	X	X	
NC	EC12	46	46	BATTERY CHARGING	X	X	
24-31-01	EA12	494	494. R AC BUS OFF. HYD GEN ON. 10 SEC TD	MAIN BAT CHGR	X	X	X
NC	FE2	169	169. R AC BUS OFF. 10 SEC TD	APU BAT CHGR	X	X	X
24-32-01	EJ14	62	62	T-R UNIT	X	X	
24-33-01			106 ≥ INV AC VOLTS ≥ 124. 0.7 SEC TD. 250 + NVM	STBY INVERTER	X	X	X
24-51-04	BJ14	61	61. L AC BUS OFF	CAPT INSTR XFER	X	X	
24-51-04	BH14	285	285. R AC BUS OFF	F/O INSTR XFER	X	X	
26-11-01 (SH 2)	AG4	356	356. 235	L ENG OH LP 1	X		
		235	356	L ENG OH LP 1	X		
26-11-01 (SH 2)	BE6	453	453. 235	L ENG OH LP 2	X		
		453	453	L ENG OH LP 2	X		
26-11-01 (SH 2)	DG6	467	467. 57	L ENG FIRE LP 1	X		
		57	467	L ENG FIRE LP 1	X		
26-11-01 (SH 2)	EG4	233	233. 57	L ENG FIRE LP 2	X		
		233	233	L ENG FIRE LP 2	X		
26-11-02	DG9	339	339. 466	R ENG OH LP 1	X		
		466	339	R ENG OH LP 1	X		
26-11-02	EG6	297	297. 466	R ENG OH LP 2	X		
		297	297	R ENG OH LP 2	X		
26-11-02	AG2	484	484. 99	R ENG FIRE LP 1	X		
		99	484	R ENG FIRE LP 1	X		
26-11-02	BE9	311	311. 99	R ENG FIRE LP 2	X		
		311	311	R ENG FIRE LP 2	X		
26-15-01 (SH 2)	DF4	420	420. 359	APU FIRE LP 1	X		
		359	420	APU FIRE LP 1	X		
26-15-01 (SH 2)	FD4	161	161. 359	APU FIRE LP 2	X		
		161	161	APU FIRE LP 2	X		
26-16-01 (SH 1)	FE7	385	385. 20 SEC TD	CARGO DET AIR	X	X	
26-16-01 (SH 1)	DG11	419	419. 10 SEC TD	FWD DET FAN	X		
26-16-01 (SH 1)	EC11	206	206. 10 SEC TD	AFT DET FAN	X		
26-16-01 (SH 2)	AH6	36	36. 370	FWD CARGO DET 1	X		
		370	36	FWD CARGO DET 1	X		
26-16-01 (SH 2)	BG5	247	247. 370	FWD CARGO DET 2	X		
		247	247	FWD CARGO DET 2	X		
26-16-01 (SH 2)	DF1	164	164. 472	AFT CARGO DET 1	X		
		472	164	AFT CARGO DET 1	X		
26-16-01 (SH 2)	EG2	73	73. 472	AFT CARGO DET 2	X		
		73	73	AFT CARGO DET 2	X		
26-17-01 (SH 2)	BF12	173	173. 267. 767 INSTL	BODY DUCT LP 1	X		
		267	173. 767 INSTL	BODY DUCT LP 1	X		
26-17-01 (SH 2)	DC10	158	158. 267. 767 INSTL	BODY DUCT LP 2	X		
		158	158. 767 INSTL	BODY DUCT LP 2	X		
26-18-01	DA5	227	227. 450. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	FK8	489	489. 450. 767 INSTL	L STRUT DCT LP 2	X		
26-18-01	AJ15	67	67. 98. 767 INSTL	R STRUT DCT LP 1	X		
26-18-01	FJ8	137	137. 98. 767 INSTAL	R STRUT DCT LP 2	X		
26-18-01	DA5	227	227. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	FK8	489	489. 767 INSTAL	L STRUT DCT LP 2	X		
26-18-01	AJ15	67	67. 767 INSTL	R STRUT DCT LP 1	X		
26-18-01	FJ8	137	137. 767 INSTAL	R STRUT DCT LP 2	X		

NOTES: 12 AN -A- IN THE NVM COLUMN DENOTES THIS MESSAGE IS LATCHED INTO NVM ONLY IN THE AIR

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	STATUS	MAINTENANCE	
							NVM
27-09-05	EK13	301	301. STBY BUS OFF	YAW DAMPER	X	X	
27-09-05	EJ11	207	207. STBY BUS OFF	STAB TRIM	X	X	
27-09-05	EK9	77	77. 20 SEC TD	RUDDER RATIO	X	X	
27-09-05	AH14	82	82. STBY BUS OFF. 10 SEC TD	SPOILERS	X	X	
27-09-05	FD3	270	270. STBY BUS OFF. 30 SEC TD	L FLT CONT ELEC	X	X	
27-09-05	EA10	222	222. STBY BUS OFF. 30 SEC TD	R FLT CONT ELEC	X	X	
27-30-01 (SH 3)	DC4	314	314. ALL HYD PRESS > 1700 PSI. 767 INSTLN. 30 SEC TD	ELEV FEEL	X	X	A
27-51-02	DF3	500	500. STBY BUS OFF. 5 SEC TD	FLAP/SLAT ELEC	X	X	
27-51-04 (SH 2)	DA8	247	247. 122. 767	TE FLAP SHUTDOWN	X	X	
		122			X	X	
27-81-03 (SH 2)	AK13	307	307. 474. 767	LE SLAT SHUTDOWN	X	X	
		474			X	X	
28-40-01	FD10	192	192	DC FUEL PUMP ON	X		
28-40-01		192	ANY TANK DATA INVALID. 175. FUEL QTY CHANNEL. FUEL QTY IND	FUEL QTY BITE	X		
28-40-01	ED4	175	175	FUEL QTY BITE	X		
28-40-01	FE6	488	488. 488. 10 SEC TD + NVM	APU ISLN VAL	X	X	
		488	488. 10 SEC TD + NVM	APU ISLN VAL	X	X	
28-40-01		170	ANY CHAN OR CROSS-CHAN FAULT	FUEL QTY CHANNEL	X		
28-40-01		170	ANY TANK ACCURACY FAULT	FUEL QTY IND	X		
29-00-07 (SH 1)		2	L HYD SYS PRESS < 2800. 403.	L HYD SYS MAINT	X	X	X
29-00-07 (SH 1)		2	BOTH ENG RUN. 60 SEC TD + NVM	R HYD SYS MAINT	X	X	X
29-00-07 (SH 1)		3	R HYD SYS PRESS < 2800. 120.	C HYD SYS MAINT	X	X	X
		3	BOTH ENG RUN. 60 SEC TD + NVM		X	X	
		3	C HYD SYS PRESS < 2800. 60		X	X	
		3	BOTH ENG RUN. 60 SEC TD + NVM		X	X	
29-00-05 (SH 2)		2	L HYD QTY READOUT "0F"	L HYD QTY 0/FULL	X		
29-00-05 (SH 2)		2	C HYD QTY READOUT "0F"	C HYD QTY 0/FULL	X		
29-00-05 (SH 2)		2	R HYD QTY READOUT "0F"	R HYD QTY 0/FULL	X		
30-11-01 (SH 1)	FK1	495	495. 10 SEC TD + NVM	L WING TAI VALVE	X	X	
30-11-01 (SH 1)	FH1	143	143. 10 SEC TD + NVM	R WING TAI VALVE	X	X	
30-21-01 (SH 1)	FG5	95	95. 10 SEC TD + NVM	L ENG TAI VALVE	X	X	
30-21-01 (SH 1)	FG8	319	319. 10 SEC TD + NVM	R ENG TAI VALVE	X	X	
30-81-01	BB13	461	(461. 0N GND) + (461. IN AIR). 404. 767. 5 SEC TD	L ICE DETECTOR	X	X	
30-81-01	BH8	455	(455. 0N GND) + (455. IN AIR). 404. 767. 5 SEC TD	R ICE DETECTOR	X	X	A
30-31-01	FBB	457	457. 0N GND. 10 SEC TD + NVM	CAPT PITOT HEAT	X	X	
30-31-01	EK12	394	394. 0N GND. 10 SEC TD + NVM	F/O PITOT HEAT	X	X	
30-31-01	EK5	170	170. 0N GND. 10 SEC TD + NVM	L AUX PITOT HEAT	X	X	
30-31-01	EK8	237	237. 0N GND. 10 SEC TD + NVM	R AUX PITOT HEAT	X	X	
30-81-01	ED7	254	254	ICE DETECTOR	X		
31-31-01 (SH 1)	EC10	113	113. (75 + 767). BOTH ENGINES RUNNING. L AC BUS OFF. 60 SECS TD + NVM	FLT DATA REC	X	X	A
	AJ14	75			X	X	
31-31-01 (SH 1)		75	75. 767 INSTLN. L AC BUS OFF. BOTH ENG RUNNING. 60 SECS TD + NVM	FLT DATA ACQ	X	X	A
31-41-07 (SH 1)	BD4	—	OTHER FAIL .L + OWN FAIL .L OTHER FAIL .L + OWN FAIL .L	L EICAS CMPT R	X		
		—		R EICAS CMPT R	X		
31-41-07 (SH 1)		—	OWN CMPT R FAIL + OTHER CMPT R FAIL + L EICAS CMPT R + R EICAS CMPT R	EICAS BITE	X		
31-41-07 (SH 2)		—	+ NO CROSSTALK DATA. OTHER FAIL ENG DISAGREE IN NVM + CAUTION ALERT FAULT (OWN) + CAUTION ALERT FAULT (OTHER)	EICAS DISAGREE	X		
31-51-01 (SH 1)	BC8	412	412. STBY BUS OFF	WARN ELEX	X	X	

155-167

## EICAS STATUS AND MAINTENANCE ANALOG DISCRETES

D280T232

# 31-41-05

Page 101.2  
Sheet 2  
Jan 21/2005



TABLE 1 (CONT)

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	STATUS	MAINTENANCE	NVM
32-09-02 (SH 1)	FE9	360	360 * 445. L AC BUS OFF.	AIR/GND DISAGREE	X	X	X
32-09-02 (SH 1)	BJ13	445	R AC BUS OFF. 10 SEC TD + NVM				
32-09-02 (SH 1)	FF8	421	421 * 157. L AC BUS OFF.	NOSE A/G DISAGREE	X	X	X
32-42-04 (SH 2)	BH1	157	R AC BUS OFF. 10 SEC TD + NVM				
32-42-04 (SH 2)	BF15	159	159. ANTI-SKID OFF	NORM ANTI-SKID	X	X	
32-42-04 (SH 2)	AD3	398	398. ANTI-SKID OFF	ALTN ANTI-SKID	X	X	
32-42-04 (SH 2)	DB12	78	78. 199. ANTISKID/AUTOBRK IN NVM	ANTISKID/AUTOBRK			
			78. L AC BUS OFF. R AC BUS OFF.	ANTISKID/AUTOBRK		X	X
			MAIN BATT. SW OFF. 10 SEC TD).				
			(199. 199(N-1) + NVM				
32-61-01 (SH 2)	AD10	83	((83*202). R AC BUS OFF). 2 SEC TD	NOSE GEAR LOCKED		X	X
32-61-01 (SH 2)	DC12	202	+NVM				
32-61-01 (SH 2)			((298*43). R AC BUS OFF. 767).	GEAR DISAGREE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((125*335). R AC BUS OFF. 767).	GEAR DOORS		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((372*344). R AC BUS OFF).	NOSE GEAR DOWN		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((127*313). R AC BUS OFF. 767).	L SIDE BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((383*89). R AC BUS OFF. 767).	L DRAG BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((439*277). R AC BUS OFF. 767).	R SIDE BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((293*479). R AC BUS OFF. 767).	R DRAG BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)	ED11	191	((191. 372. 342. R AC BUS OFF).	ALL GEAR DOWN		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			NOSE GEAR LOCKED + GEAR DISAGREE	LDG GEAR MONITOR	X		
			+GEAR DOORS + NOSE GEAR DOWN				
			+L SIDE BRACE + L DRAG BRACE				
			+R SIDE BRACE + R DRAG BRACE				
			+ALL GEAR DOWN				
34-46-01 (SH 2)	BJ1	33	33. STBY BUS OFF. 5 SEC TD	GND PROX BITE	X	X	
36-11-07		396	396	L ENG BLEED VAL	X	X	
36-11-08		427	427	R ENG BLEED VAL	X	X	
38-30-01	BB13	461	461.767	AFT WASTE SNSR	X	X	
38-30-02	BH8	455	455.767	FWD WASTE SNSR	X	X	
49-00-02	EK4	426	(426.60 SEC TD)	APU OIL QTY	X	X	X
			+(APU OIL QTY ADD.APU OIL QTY PP.60				
			SEC TD) + NVM				
49-00-04 (SH 2)	BA13	480	480 + NVM	APU BITE		X	X
49-00-04 (SH 2)	FE1	393	393.60 SEC TD	APU DOOR	X	X	

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	STATUS	MAINTENANCE	NVM
73-21-05	FJ10	32	32. STBY BUS OFF 10 SEC TD. 767	L ENG SPEED CARD	X	X	X
73-21-05	FB10	256	+NVM	R ENG SPEED CARD	X	X	X
			256. STBY BUS OFF 10 SEC TD. 767				
			+NVM				
73-31-01	DB11	81	81	L PIMU		X	
73-31-01	EA8	30	30	R PIMU		X	
74-31-01 (SH 1)	BH15	317	317.767 INSTLN	IGN 1 STBY BUS		X	
74-31-01 (SH 1)	BK2	413	413.767 INSTLN	IGN 2 STBY BUS		X	
75-23-01	BH5	341	341. L AC BUS OFF. ((L ENG RUN.	L NAC VENT VAL		X	A
			ALT<35K)+0N GND)).6 SEC TD + NVM				
75-23-01	EJ3	214	214. R AC BUS OFF. ((L ENG RUN.	R NAC VENT VAL		X	A
			ALT<35K)+0N GND)).6 SEC TD + NVM.				
78-36-01	DF13	486	486.LTRA>43 DEG.10 SEC TD	L REV INTERLOCK	X	X	X
78-36-01	FK8	499	499.RTRA>43 DEG.10 SEC TD	R REV INTERLOCK	X	X	X
78-36-01	BH7	103	103.236.2 SEC TD.	L REV ISLN VAL	X	X	X
78-36-01	DH7	391	391.76.2 SEC TD	R REV ISLN VAL	X	X	X

155-167

**EICAS STATUS AND  
MAINTENANCE ANALOG  
DISCRETES**

Incorporates  
SL-31-030-A

D280T232

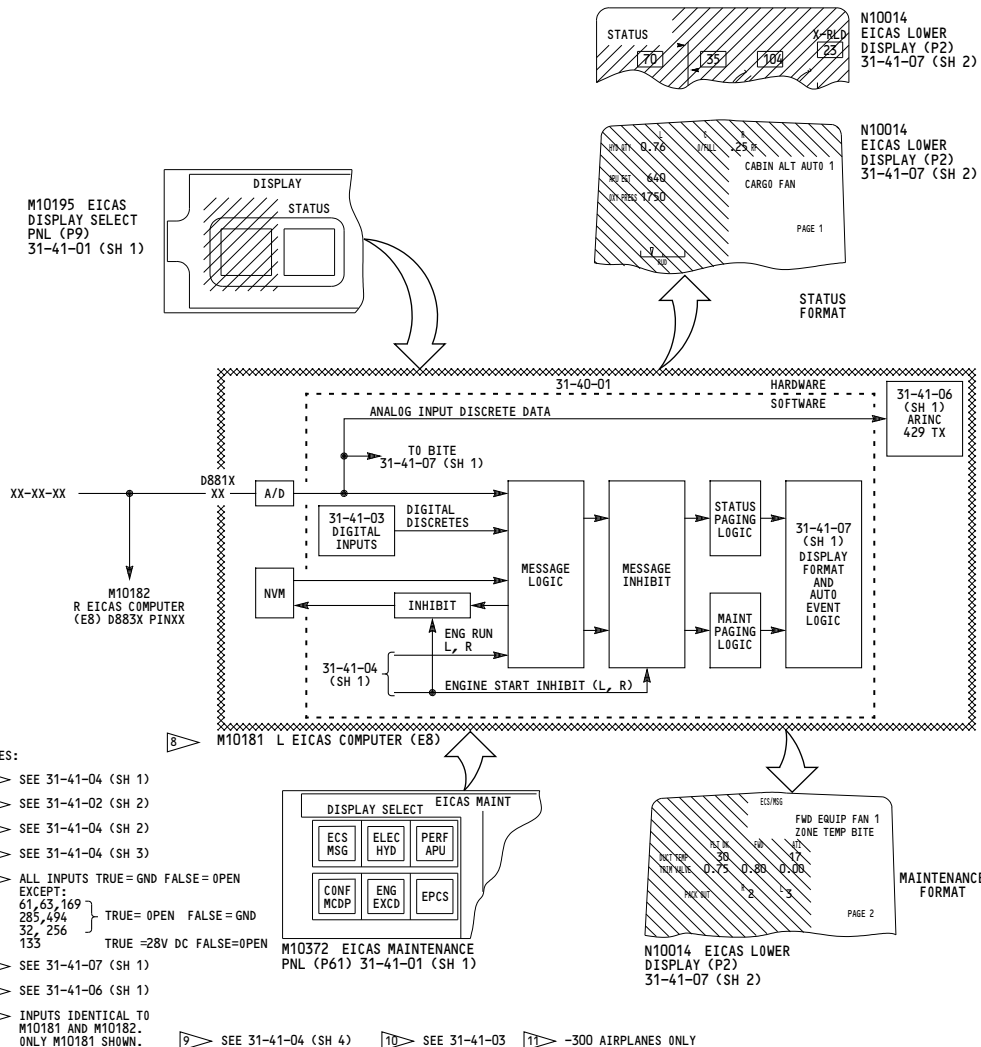
**31-41-05**

Page 101.2  
Sheet 3  
Jan 21/2005

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TABLE 1  
EICAS ANALOG DISCRETE INPUTS

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQUIRED FOR MESSAGE BY INPUT NUMBER	MESSAGE	STATUS	MAINTENANCE
21-26-01	AE3	337	337. R AC BUS OFF 2 SEC TD	BULK CARGO FAN	X	X
21-26-02	AG14	249	249. R AC BUS OFF 767.2 SEC TD + NVM	AFT EQ EXH FAN 1	X	X
21-26-02	AK14	74	74. L AC BUS OFF 767.2 SEC TD + NVM	AFT EQ EXH FAN 2	X	X
21-26-02			(AFT EQ EXH FAN 1) (AFT EQ EXH FAN 2)	AFT EQPT CLG FAN	X	
21-31-01 (SH 1)	EF14	112	112.5 SEC TD	CABIN ALT AUTO 1	X	X
21-31-01 (SH 1)	EF13	336	336.5 SEC TD	CABIN ALT AUTO 2	X	X
21-43-01	ED10	209		FWD CARGO HEAT	X	
21-44-01	ED12	49		AFT CARGO HEAT	X	
21-44-02	FC6	273		BULK CARGO HEAT	X	
21-50-01 (SH 2)	BF8	200		HI FLOW INHIBIT	X	X
21-50-03 (SH 2)	FD2	397		L PACK BITE	X	
21-51-04 (SH 2)	DF11	69		R PACK BITE	X	
21-58-01 (SH 2)	ED14	304	304. 767	EQ COOLING BITE	X	
21-58-01 (SH 2)	DA3	84	84.30 SEC TD + NVM	FWD EQ SUP FLOW	X	X
21-58-01 (SH 2)	DA4	244	244.30 SEC TD 767 + NVM	FLT DK SUP FLOW	X	X
21-58-01 (SH 2)	FF3	487	487.30 SEC TD + NVM	FWD EQ SUP OH	X	X
21-58-04 (SH 1)	AE11	330	330. L AC BUS OFF 767 2 SEC TD	FWD EQ SUP FAN 1	X	X
21-58-04 (SH 2)	AD9	58	58. R AC BUS OFF 767 2 SEC TD	FWD EQ SUP FAN 2	X	X
21-58-05	AJ13	282	282. R AC BUS OFF 2 SEC TD	FWD EQ EXH FAN	X	X
NC	DA2	308	308. 767	FWD EQ REFRIG	X	
21-60-01	DB8	186	186	ZONE TEMP BITE	X	
NC	FG1	96	96 + NVM	L IDG FILTER	X	X
24-11-01			(L IDG OIL TEMP > 175°) + (L IDG OIL TEMP = 0.	L IDG TEMP SENS	X	X
24-11-01			(L ENG RUNNING.60 SEC TD) (L IDG OIL TEMP > 155°) 600 SEC TD	L IDG OIL TEMP	X	X
24-11-01	FG2	367	L IDG TEMP SENS + NVM	L IDG VALVE	X	X
NC	FG3	320	320 + NVM	R IDG FILTER	X	X
24-11-01			(R IDG OIL TEMP > 175°) + (R IDG OIL TEMP = 0.	R IDG TEMP SENS	X	X
24-11-01			(R ENG RUNNING.60 SEC TD) (R IDG OIL TEMP > 155°) 600 SEC TD	R IDG OIL TEMP	X	X
24-11-01	FJ1	448	R IDG TEMP SENS + NVM	R IDG VALVE	X	X
24-11-01			286. 20 SEC TD + NVM (IDG OIL TEMP RISE DIFF (L-R) > 10.° 600 SEC TD 59. 283	IDG RISE TEMP	X	X
24-11-01	EE7	539	L IDG TEMP SENS + NVM	L IDG TEMP SENS	X	
24-11-01	EE8	540	IDG OUT TEMP DIFF > 20°	IDG OUT TEMP	X	X
DB1	59		.N1 DIFF < 5			
DA12	283		.L GEN OFF .R GEN OFF .L IDG TEMP SENS .R IDG TEMP SENS .600 SEC TD + NVM			



150-154

## EICAS STATUS AND MAINTENANCE ANALOG DISCRETES

D280T232

31-41-05

Page 102  
Sheet 1  
Jan 21/2005

633

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	STATUS	MAINTENANCE	
						NVM	NVM
24-20-05 (SH 1)	FJ4	133	133 + NVM	HYD GEN ON	X X	A	
24-20-05 (SH 1)	EB13	63	63 . HYD GEN INSTLN .5 SEC TD	HYD GEN VAL	X X		
NC	EC12	46	46	BATTERY CHARGING	X X		
24-31-01	EA12	494	494. R AC BUS OFF. HYD GEN ON. 10 SEC TD	MAIN BAT CHGR	X X	X	
NC	FE2	169	169. R AC BUS OFF. 10 SEC TD	APU BAT CHGR	X X	X	
24-32-01	EJ14	62	62	T-R UNIT	X X		
24-33-01			106 ≥ INV AC VOLTS ≥ 124. 0.7 SEC TD. 250 + NVM	STBY INVERTER	X X	X	
24-51-04	BJ14	61	61. L AC BUS OFF	CAPT INSTR XFER	X X		
24-51-04	BH14	285	285. R AC BUS OFF	F/O INSTR XFER	X X		
26-11-01 (SH 2)	AG4	356	356. 235	L ENG OH LP 1	X		
		235	356	L ENG OH LP 1	X		
26-11-01 (SH 2)	BE6	453	453. 235	L ENG OH LP 2	X		
		453	453	L ENG OH LP 2	X		
26-11-01 (SH 2)	DG6	467	467. 57	L ENG FIRE LP 1	X		
		57	467	L ENG FIRE LP 1	X		
26-11-01 (SH 2)	EG4	233	233. 57	L ENG FIRE LP 2	X		
		233	233	L ENG FIRE LP 2	X		
26-11-02	DG9	339	339. 466	R ENG OH LP 1	X		
		466	339	R ENG OH LP 1	X		
26-11-02	EG6	297	297. 466	R ENG OH LP 2	X		
		297	297	R ENG OH LP 2	X		
26-11-02	AG2	484	484. 99	R ENG FIRE LP 1	X		
		99	484	R ENG FIRE LP 1	X		
26-11-02	BE9	311	311. 99	R ENG FIRE LP 2	X		
		311	311	R ENG FIRE LP 2	X		
26-15-01 (SH 2)	DF4	420	420. 359	APU FIRE LP 1	X		
		359	420	APU FIRE LP 1	X		
26-15-01 (SH 2)	FD4	161	161. 359	APU FIRE LP 2	X		
		161	161	APU FIRE LP 2	X		
26-16-01 (SH 1)	FE7	385	385. 20 SEC TD	CARGO DET AIR	X		
26-16-01 (SH 1)	DG11	419	419. 10 SEC TD	FWD DET FAN	X		
26-16-01 (SH 1)	EC11	206	206. 10 SEC TD	AFT DET FAN	X		
26-16-01 (SH 2)	AH6	36	36. 370	FWD CARGO DET 1	X		
		370	36	FWD CARGO DET 1	X		
26-16-01 (SH 2)	BG5	247	247. 370	FWD CARGO DET 2	X		
		247	247	FWD CARGO DET 2	X		
26-16-01 (SH 2)	DF1	164	164. 472	AFT CARGO DET 1	X		
		472	164	AFT CARGO DET 1	X		
26-16-01 (SH 2)	EG2	73	73. 472	AFT CARGO DET 2	X		
		73	73	AFT CARGO DET 2	X		
26-17-01 (SH 2)	BF12	173	173. 267. 767 INSTL	BODY DUCT LP 1	X		
		267	173. 767 INSTL	BODY DUCT LP 1	X		
26-17-01 (SH 2)	DC10	158	158. 267. 767 INSTL	BODY DUCT LP 2	X		
		158	158. 767 INSTL	BODY DUCT LP 2	X		
26-18-01	DA5	227	227. 450. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	FK8	489	489. 450. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	AJ15	67	67. 98. 767 INSTL	R STRUT DCT LP 1	X		
26-18-01	FJ8	137	137. 98. 767 INSTAL	R STRUT DCT LP 2	X		
26-18-01	DA5	227	227. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	FK8	489	489. 767 INSTAL	L STRUT DCT LP 2	X		
26-18-01	AJ15	67	67. 767 INSTL	R STRUT DCT LP 1	X		
26-18-01	FJ8	137	137. 767 INSTAL	R STRUT DCT LP 2	X		

NOTES: 12 AN -A- IN THE NVM COLUMN DENOTES THIS MESSAGE IS LATCHED INTO NVM ONLY IN THE AIR

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	STATUS	MAINTENANCE	
						NVM	NVM
27-09-05	EK13	301	301. STBY BUS OFF	YAW DAMPER	X		
27-09-05	EJ11	207	207. STBY BUS OFF	STAB TRIM	X		
27-09-05	EK9	77	77. 20 SEC TD	RUDDER RATIO	X		
27-09-05	AH14	82	82. STBY BUS OFF. 10 SEC TD	SPOILERS	X		
27-09-05	FD3	270	270. STBY BUS OFF. 30 SEC TD	L FLT CONT ELEC	X		
27-09-05	EA10	222	222. STBY BUS OFF. 30 SEC TD	R FLT CONT ELEC	X		
27-30-01 (SH 3)	DC4	314	314. ALL HYD PRESS > 1700 PSI. 767 INSTLN. 30 SEC TD	ELEV FEEL	X		A
27-51-02	DF3	500	500. STBY BUS OFF. 5 SEC TD	FLAP/SLAT ELEC	X		
27-51-04 (SH 2)	DA8	247	247. 122. 767	TE FLAP SHUTDOWN	X		
		122			X		
27-81-03 (SH 2)	AK13	307	307. 474. 767	LE SLAT SHUTDOWN	X		
		474			X		
28-40-01	FD10	192	192	DC FUEL PUMP ON	X		
28-40-01		192	ANY TANK DATA INVALID. 175. FUEL QTY CHANNEL. FUEL QTY IND	FUEL QTY BITE	X		
28-40-01	ED4	175	175	FUEL QTY BITE	X		
28-40-01	FE6	488	488. 488. 10 SEC TD + NVM 488. 10 SEC TD + NVM	APU ISLN VAL	X		X
28-40-01		488	ANY CHAN OR CROSS-CHAN FAULT	APU ISLN VAL	X		
28-40-01		488	ANY TANK ACCURACY FAULT	FUEL QTY CHANNEL	X		
28-40-01		488		FUEL QTY IND	X		
29-00-07 (SH 1)			L HYD SYS PRESS < 2800. 403.	L HYD SYS MAINT	X		X
29-00-07 (SH 1)			BOTH ENG RUN. 60 SEC TD + NVM	R HYD SYS MAINT	X		X
29-00-07 (SH 1)			R HYD SYS PRESS < 2800. 120.	C HYD SYS MAINT	X		X
29-00-07 (SH 1)			BOTH ENG RUN. 60 SEC TD + NVM		X		
29-00-07 (SH 1)			C HYD SYS PRESS < 2800. 60		X		
29-00-07 (SH 1)			BOTH ENG RUN. 60 SEC TD + NVM		X		
29-00-05 (SH 2)			L HYD QTY READOUT "0F"	L HYD QTY 0/FULL	X		
29-00-05 (SH 2)			C HYD QTY READOUT "0F"	C HYD QTY 0/FULL	X		
29-00-05 (SH 2)			R HYD QTY READOUT "0F"	R HYD QTY 0/FULL	X		
30-11-01 (SH 1)	FK1	495	495. 10 SEC TD + NVM	L WING TAI VALVE	X		X
30-11-01 (SH 1)	FH1	143	143. 10 SEC TD + NVM	R WING TAI VALVE	X		X
30-21-01 (SH 1)	F65	95	95. 10 SEC TD + NVM	L ENG TAI VALVE	X		X
30-21-01 (SH 1)	F68	319	319. 10 SEC TD + NVM	R ENG TAI VALVE	X		X
30-31-01	FB8	457	457. ON GND. 10 SEC TD + NVM	CAPT PITOT HEAT	X		X
30-31-01	EK12	394	394. ON GND. 10 SEC TD + NVM	F/O PITOT HEAT	X		X
30-31-01	EK5	170	170. ON GND. 10 SEC TD + NVM	L AUX PITOT HEAT	X		X
30-31-01	EK8	237	237. ON GND. 10 SEC TD + NVM	R AUX PITOT HEAT	X		X
30-31-01	ED7	254	254	ICE DETECTOR	X		
31-31-01 (SH 1)	EC10	113	113. (75 + 767). BOTH ENGINES RUNNING. L AC BUS OFF. 60 SECS TD + NVM	FLT DATA REC	X		A
	AJ14	75			X		
31-31-01 (SH 1)			75. 767 INSTLN. L AC BUS OFF. BOTH ENG RUNNING. 60 SECS TD + NVM	FLT DATA ACQ	X		A
31-41-07 (SH 1)	BD4	—	OTHER FAIL L + OWN FAIL L OTHER FAIL L + OWN FAIL L	L EICAS CMPTR R EICAS CMPTR	X		
31-41-07 (SH 1)			OWN CMPTR FAIL + OTHER CMPTR FAIL + L EICAS CMPTR + R EICAS CMPTR + NO CROSSTALK DATA. OTHER FAIL	EICAS BITE	X		
31-41-07 (SH 2)			ENG DISAGREE IN NVM + CAUTION ALERT FAULT (OWN) + CAUTION ALERT FAULT (OTHER)	EICAS DISAGREE	X		
31-51-01 (SH 1)	BC8	412	412. STBY BUS OFF	WARN ELEX	X		X

150-154

## EICAS STATUS AND MAINTENANCE ANALOG DISCRETES

D280T232

# 31-41-05

Page 102  
Sheet 2  
Jan 21/2005

TABLE 1 (CONT)

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	STATUS	MAINTENANCE	NVM
32-09-02 (SH 1)	FE9	360	360 * 445. L AC BUS OFF.	AIR/GND DISAGREE	X	X	X
32-09-02 (SH 1)	BJ13	445	R AC BUS OFF. 10 SEC TD + NVM				
32-09-02 (SH 1)	FF8	421	421 * 157. L AC BUS OFF.	NOSE A/G DISAGREE	X	X	X
32-42-04 (SH 2)	BH1	157	R AC BUS OFF. 10 SEC TD + NVM				
32-42-04 (SH 2)	BF15	159	159. ANTI-SKID OFF	NORM ANTI-SKID	X	X	
32-42-04 (SH 2)	AD3	398	398. ANTI-SKID OFF	ALTN ANTI-SKID	X	X	
32-42-04 (SH 2)	DB12	78	78. 199. ANTISKID/AUTOBRK IN NVM	ANTISKID/AUTOBRK			
			78. L AC BUS OFF. R AC BUS OFF.	ANTISKID/AUTOBRK		X	X
			MAIN BATT. SW OFF. 10 SEC TD).				
			(199. 199(N-1) + NVM				
32-61-01 (SH 2)	AD10	83	((83*202). R AC BUS OFF). 2 SEC TD	NOSE GEAR LOCKED		X	X
32-61-01 (SH 2)	DC12	202	+NVM				
32-61-01 (SH 2)			((298*43). R AC BUS OFF. 767).	GEAR DISAGREE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((125*335). R AC BUS OFF. 767).	GEAR DOORS		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((372*344). R AC BUS OFF).	NOSE GEAR DOWN		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((127*313). R AC BUS OFF. 767).	L SIDE BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((383*89). R AC BUS OFF. 767).	L DRAG BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((439*277). R AC BUS OFF. 767).	R SIDE BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((293*479). R AC BUS OFF. 767).	R DRAG BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)	ED11	191	((191. 372. 342. R AC BUS OFF).	ALL GEAR DOWN		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			NOSE GEAR LOCKED + GEAR DISAGREE	LDG GEAR MONITOR	X		
			+GEAR DOORS + NOSE GEAR DOWN				
			+L SIDE BRACE + L DRAG BRACE				
			+R SIDE BRACE + R DRAG BRACE				
			+ALL GEAR DOWN				
34-46-01 (SH 2)	BJ1	33	33. STBY BUS OFF. 5 SEC TD	GND PROX BITE	X	X	
36-11-07		396	396	L ENG BLEED VAL	X	X	
36-11-08		427	427	R ENG BLEED VAL	X	X	
38-30-01	BB13	461	461.767	AFT WASTE SNSR		X	
38-30-02	BH8	455	455.767	FWD WASTE SNSR		X	
49-00-02	EK4	426	(426.60 SEC TD)	APU OIL QTY	X	X	X
			+(APU OIL QTY ADD.APU OIL QTY PP.60				
			SEC TD) + NVM				
49-00-04 (SH 2)	BA13	480	480 + NVM	APU BITE		X	X
49-00-04 (SH 2)	FE1	393	393.60 SEC TD	APU DOOR	X	X	

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	STATUS	MAINTENANCE	NVM
73-21-05	FJ10	32	32. STBY BUS OFF 10 SEC TD. 767	L ENG SPEED CARD	X	X	X
73-21-05	FB10	256	+NVM	R ENG SPEED CARD	X	X	X
			256. STBY BUS OFF 10 SEC TD. 767				
			+NVM				
73-31-01	DB11	81	81	L PIMU		X	
73-31-01	EA8	30	30	R PIMU		X	
74-31-01 (SH 1)	BH15	317	317.767 INSTLN	IGN 1 STBY BUS		X	
74-31-01 (SH 1)	BK2	413	413.767 INSTLN	IGN 2 STBY BUS		X	
75-23-01	BH5	341	341. L AC BUS OFF.((L ENG RUN.	L NAC VENT VAL		X	A
			ALT<35K)+0N GND)).6 SEC TD + NVM				
75-23-01	EJ3	214	214. R AC BUS OFF.((L ENG RUN.	R NAC VENT VAL		X	A
			ALT<35K)+0N GND)).6 SEC TD + NVM.				
78-36-01	DF13	486	486.LTRA>43 DEG.10 SEC TD	L REV INTERLOCK	X	X	X
78-36-01	FK8	499	499.RTRA>43 DEG.10 SEC TD	R REV INTERLOCK	X	X	X

150-154

EICAS STATUS AND  
MAINTENANCE ANALOG  
DISCRETES

D280T232

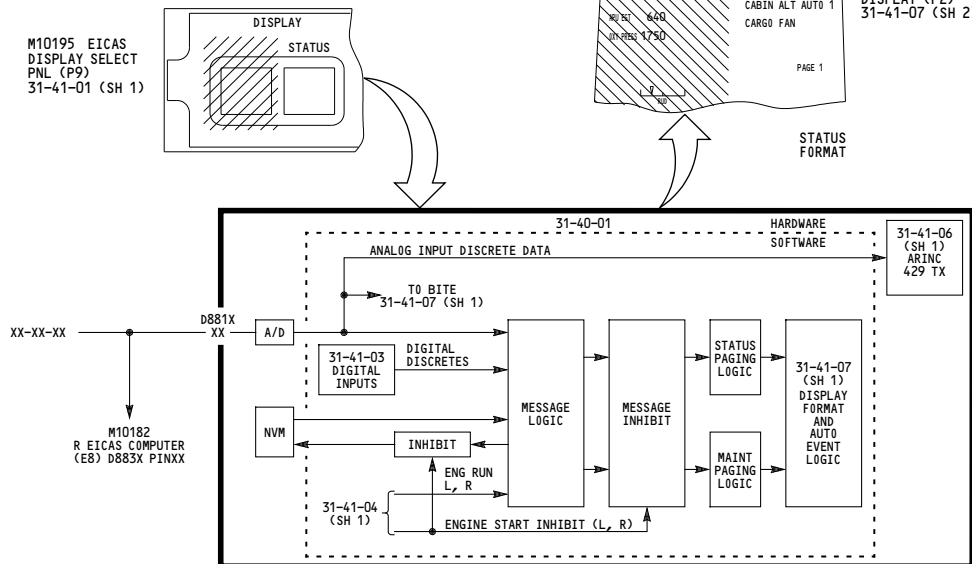
31-41-05

Page 102  
Sheet 3  
Jan 21/2005

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TABLE 1  
EICAS ANALOG DISCRETE INPUTS

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQUIRED FOR MESSAGE BY INPUT NUMBER	MESSAGE	STATUS	MAINTENANCE
21-26-01	AE3	337	337. R AC BUS OFF 2 SEC TD	BULK CARGO FAN	X	X
21-26-02	AG14	249	249. R AC BUS OFF 767.2 SEC TD + NVM	AFT EQ EXH FAN 1	X	X
21-26-02	AK14	74	74. L AC BUS OFF 767.2 SEC TD + NVM	AFT EQ EXH FAN 2	X	X
21-26-02			(AFT EQ EXH FAN 1) (AFT EQ EXH FAN 2)	AFT EQPT CLG FAN	X	
21-31-01 (SH 1)	EF14	112	112.5 SEC TD	CABIN ALT AUTO 1	X	X
21-31-01 (SH 1)	EF13	336	336.5 SEC TD	CABIN ALT AUTO 2	X	X
21-43-01	ED10	209		FWD CARGO HEAT	X	
21-44-01	ED12	49	49	AFT CARGO HEAT	X	
21-44-02	FC6	273	273	BULK CARGO HEAT	X	
21-50-01 (SH 2)	BF8	200	200	HI FLOW INHIBIT	X	X
21-50-03 (SH 2)	FD2	397	397	L PACK BITE	X	
21-51-04 (SH 2)	DF11	69	69	R PACK BITE	X	
21-58-01 (SH 2)	ED14	304	304. 767	EQ COOLING BITE	X	
21-58-01 (SH 2)	DA3	84	84.30 SEC TD +NVM	FWD EQ SUP FLOW	X	X
21-58-01 (SH 2)	DA4	244	244.30 SEC TD 767 + NVM	FLT DK SUP FLOW	X	X
21-58-01 (SH 2)	FF3	487	487.30 SEC TD +NVM	FWD EQ SUP OH	X	X
21-58-04 (SH 1)	AE11	330	330. L AC BUS OFF 767 2 SEC TD	FWD EQ SUP FAN 1	X	X
21-58-04 (SH 2)	AD9	58	58. R AC BUS OFF 767 2 SEC TD	FWD EQ SUP FAN 2	X	X
21-58-05	AJ13	282	282. R AC BUS OFF 2 SEC TD	FWD EQ EXH FAN	X	X
NC	DA2	308	308. 767	FWD EQ REFRIG	X	
21-60-01	DB8	186	186	ZONE TEMP BITE	X	
NC	FG1	96	96 + NVM	L IDG OIL LEVEL	X	X
24-11-01			(L IDG OIL TEMP > 175°) + (L IDG OIL TEMP = 0.	L IDG TEMP SENS	X	X
24-11-01			(L ENG RUNNING.60 SEC TD) (L IDG OIL TEMP > 155°) 600 SEC TD	L IDG OIL TEMP	X	X
24-11-01	FG2	367	L IDG TEMP SENS + NVM	L IDG VALVE	X	X
NC	FG3	320	320 + NVM	R IDG OIL LEVEL	X	X
24-11-01			(R IDG OIL TEMP > 175°) + (R IDG OIL TEMP = 0.	R IDG TEMP SENS	X	X
24-11-01			(R ENG RUNNING.60 SEC TD) (R IDG OIL TEMP > 155°) 600 SEC TD	R IDG OIL TEMP	X	X
24-11-01	FJ1	448	R IDG TEMP SENS + NVM	R IDG VALVE	X	X
24-11-01			286. 20 SEC TD + NVM (IDG OIL TEMP RISE DIFF (L-R) >10.° 600 SEC TD 59. 283	IDG RISE TEMP	X	X
24-11-01	EE7	539	L IDG TEMP SENS + NVM	IDG OUT TEMP	X	X
EE8	540		IDG OUT TEMP DIFF > 20°			
DB1	59		.N1 DIFF < 5			
DA12	283		.L GEN OFF .R GEN OFF .L IDG TEMP SENS .R IDG TEMP SENS .600 SEC TD + NVM			



## NOTES:

- SEE 31-41-04 (SH 1)
- SEE 31-41-02 (SH 2)
- SEE 31-41-04 (SH 2)
- SEE 31-41-04 (SH 3)
- ALL INPUTS TRUE = GND FALSE = OPEN EXCEPT:  
61, 63, 169  
285, 494  
32, 256  
133  
TRUE = 28V DC FALSE = OPEN
- SEE 31-41-07 (SH 1)
- SEE 31-41-06 (SH 1)
- INPUTS IDENTICAL TO M10181 AND M10182. ONLY M10181 SHOWN.
- SEE 31-41-04 (SH 4)
- SEE 31-41-03
- 300 AIRPLANES ONLY

### EICAS STATUS AND MAINTENANCE ANALOG DISCRETES

D280T232

Incorporates  
31-0100 R02  
SL-31-030-A

## 31-41-05

Page 102.1  
Sheet 1  
Jan 21/2005

633

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	STATUS	MAINTENANCE	
						NVM	12
24-20-05 (SH 1)	FJ4	133	133 + NVM	HYD GEN ON	X X	A	
24-20-05 (SH 1)	EB13	63	63 . HYD GEN INSTLN .5 SEC TD	HYD GEN VAL	X X		
NC	EC12	46	46	BATTERY CHARGING	X X		
24-31-01	EA12	494	494. R AC BUS OFF. HYD GEN ON. 10 SEC TD	MAIN BAT CHGR	X X	X	
NC	FE2	169	169. R AC BUS OFF. 10 SEC TD	APU BAT CHGR	X X	X	
24-32-01	EJ14	62	62	T-R UNIT	X X		
24-33-01			106 ≥ INV AC VOLTS ≥ 124. 0.7 SEC TD. 250 + NVM	STBY INVERTER	X X	X	
24-51-04	BJ14	61	61. L AC BUS OFF	CAPT INSTR XFER	X X		
24-51-04	BH14	285	285. R AC BUS OFF	F/O INSTR XFER	X X		
26-11-01 (SH 2)	AG4	356	356. 235	L ENG OH LP 1	X		
		235	356	L ENG OH LP 1	X		
26-11-01 (SH 2)	BE6	453	453. 235	L ENG OH LP 2	X		
		453	453	L ENG OH LP 2	X		
26-11-01 (SH 2)	DG6	467	467. 57	L ENG FIRE LP 1	X		
		57	467	L ENG FIRE LP 1	X		
26-11-01 (SH 2)	EG4	233	233. 57	L ENG FIRE LP 2	X		
		233	233	L ENG FIRE LP 2	X		
26-11-02	DG9	339	339. 466	R ENG OH LP 1	X		
		466	339	R ENG OH LP 1	X		
26-11-02	EG6	297	297. 466	R ENG OH LP 2	X		
		297	297	R ENG OH LP 2	X		
26-11-02	AG2	484	484. 99	R ENG FIRE LP 1	X		
		99	484	R ENG FIRE LP 1	X		
26-11-02	BE9	311	311. 99	R ENG FIRE LP 2	X		
		311	311	R ENG FIRE LP 2	X		
26-15-01 (SH 2)	DF4	420	420. 359	APU FIRE LP 1	X		
		359	420	APU FIRE LP 1	X		
26-15-01 (SH 2)	FD4	161	161. 359	APU FIRE LP 2	X		
		161	161	APU FIRE LP 2	X		
26-16-01 (SH 1)	FE7	385	385. 20 SEC TD	CARGO DET AIR	X X		
26-16-01 (SH 1)	DG11	419	419. 10 SEC TD	FWD DET FAN	X		
26-16-01 (SH 1)	EC11	206	206. 10 SEC TD	AFT DET FAN	X		
26-16-01 (SH 2)	AH6	36	36. 370	FWD CARGO DET 1	X		
		370	36	FWD CARGO DET 1	X		
26-16-01 (SH 2)	BG5	247	247. 370	FWD CARGO DET 2	X		
		247	247	FWD CARGO DET 2	X		
26-16-01 (SH 2)	DF1	164	164. 472	AFT CARGO DET 1	X		
		472	164	AFT CARGO DET 1	X		
26-16-01 (SH 2)	EG2	73	73. 472	AFT CARGO DET 2	X		
		73	73	AFT CARGO DET 2	X		
26-17-01 (SH 2)	BF12	173	173. 267. 767 INSTL	BODY DUCT LP 1	X		
		267	173. 767 INSTL	BODY DUCT LP 1	X		
26-17-01 (SH 2)	DC10	158	158. 267. 767 INSTL	BODY DUCT LP 2	X		
		158	158. 767 INSTL	BODY DUCT LP 2	X		
26-18-01	DA5	227	227. 450. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	FK8	489	489. 450. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	AJ15	67	67. 98. 767 INSTL	R STRUT DCT LP 1	X		
26-18-01	FJ8	137	137. 98. 767 INSTAL	R STRUT DCT LP 2	X		
26-18-01	DA5	227	227. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	FK8	489	489. 767 INSTAL	L STRUT DCT LP 2	X		
26-18-01	AJ15	67	67. 767 INSTL	R STRUT DCT LP 1	X		
26-18-01	FJ8	137	137. 767 INSTAL	R STRUT DCT LP 2	X		

NOTES: 12 AN -A- IN THE NVM COLUMN DENOTES THIS MESSAGE IS LATCHED INTO NVM ONLY IN THE AIR

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	STATUS	MAINTENANCE	
						NVM	12
27-09-05	EK13	301	301. STBY BUS OFF	YAW DAMPER	X		
27-09-05	EJ11	207	207. STBY BUS OFF	STAB TRIM	X		
27-09-05	EK9	77	77. 20 SEC TD	RUDDER RATIO	X		
27-09-05	AH14	82	82. STBY BUS OFF. 10 SEC TD	SPOILERS	X		
27-09-05	FD3	270	270. STBY BUS OFF. 30 SEC TD	L FLT CONT ELEC	X		
27-09-05	EA10	222	222. STBY BUS OFF. 30 SEC TD	R FLT CONT ELEC	X		
27-30-01 (SH 3)	DC4	314	314. ALL HYD PRESS >1700 PSI. 767 INSTLN. 30 SEC TD	ELEV FEEL	X		A
27-51-02	DF3	500	500. STBY BUS OFF. 5 SEC TD	FLAP/SLAT ELEC	X		
27-51-04 (SH 2)	DA8	247	247. 122. 767	TE FLAP SHUTDOWN	X		
		122			X		
27-81-03 (SH 2)	AK13	307	307. 474. 767	LE SLAT SHUTDOWN	X		
		474			X		
28-40-01	FD10	192	192	DC FUEL PUMP ON	X		
28-40-01		192	ANY TANK DATA INVALID. 175. FUEL QTY CHANNEL. FUEL QTY IND	FUEL QTY BITE	X		
28-40-01	ED4	175	175	FUEL QTY BITE	X		
28-40-01	FE6	488	488. 488. 10 SEC TD + NVM	APU ISLN VAL	X		X
		488	488. 10 SEC TD + NVM	APU ISLN VAL	X		
28-40-01		170	ANY CHAN OR CROSS-CHAN FAULT	FUEL QTY CHANNEL	X		
28-40-01		170	ANY TANK ACCURACY FAULT	FUEL QTY IND	X		
29-00-07 (SH 1)		2	L HYD SYS PRESS <2800.403.	L HYD SYS MAINT	X		X
29-00-07 (SH 1)		2	BOTH ENG RUN. 60 SEC TD + NVM	R HYD SYS MAINT	X		X
29-00-07 (SH 1)		3	R HYD SYS PRESS <2800.120.	C HYD SYS MAINT	X		X
		3	BOTH ENG RUN. 60 SEC TD + NVM		X		
29-00-07 (SH 1)		3	C HYD SYS PRESS <2800.60		X		
		3	BOTH ENG RUN. 60 SEC TD + NVM		X		
29-00-05 (SH 2)		2	L HYD QTY READOUT "0F"	L HYD QTY 0/FULL	X		
29-00-05 (SH 2)		2	C HYD QTY READOUT "0F"	C HYD QTY 0/FULL	X		
29-00-05 (SH 2)		2	R HYD QTY READOUT "0F"	R HYD QTY 0/FULL	X		
30-11-01 (SH 1)	FK1	495	495. 10 SEC TD + NVM	L WING TAI VALVE	X		X
30-11-01 (SH 1)	FH1	143	143. 10 SEC TD + NVM	R WING TAI VALVE	X		X
30-21-01 (SH 1)	F65	95	95. 10 SEC TD + NVM	L ENG TAI VALVE	X		X
30-21-01 (SH 1)	F68	319	319. 10 SEC TD + NVM	R ENG TAI VALVE	X		X
30-31-01	FB8	457	457. ON GND. 10 SEC TD + NVM	CAPT PITOT HEAT	X		X
30-31-01	EK12	394	394. ON GND. 10 SEC TD + NVM	F/O PITOT HEAT	X		X
30-31-01	EK5	170	170. ON GND. 10 SEC TD + NVM	L AUX PITOT HEAT	X		X
30-31-01	EK8	237	237. ON GND. 10 SEC TD + NVM	R AUX PITOT HEAT	X		X
30-81-01	ED7	254	254	ICE DETECTOR	X		
31-31-01 (SH 1)	EC10	113	113. (75 + 767). BOTH ENGINES RUNNING.	FLT DATA REC	X		A
	AJ14	75	L AC BUS OFF. 60 SECS TD + NVM		X		
31-31-01 (SH 1)			75. 767 INSTLN. L AC BUS OFF.	FLT DATA ACQ	X		A
			BOTH ENG RUNNING. 60 SECS TD + NVM		X		
31-41-07 (SH 1)	BD4	—	OTHER FAIL L + OWN FAIL L OTHER FAIL L + OWN FAIL L	L EICAS CMPTR R EICAS CMPTR	X		
31-41-07 (SH 1)			OWN CMPTR FAIL + OTHER CMPTR FAIL + L EICAS CMPTR + R EICAS CMPTR + NO CROSSTALK DATA. OTHER FAIL	EICAS BITE	X		
31-41-07 (SH 2)			ENG DISAGREE IN NVM + CAUTION ALERT FAULT (OWN) + CAUTION ALERT FAULT (OTHER)	EICAS DISAGREE	X		
31-51-01 (SH 1)	BC8	412	412. STBY BUS OFF	WARN ELEX	X		X

150, 152-154

## EICAS STATUS AND MAINTENANCE ANALOG DISCRETES

D280T232

# 31-41-05

Page 102.1  
Sheet 2  
Jan 21/2005



TABLE 1 (CONT)

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	STATUS	MAINTENANCE	NVM
32-09-02 (SH 1)	FE9	360	360 * 445. L AC BUS OFF.	AIR/GND DISAGREE	X	X	X
32-09-02 (SH 1)	BJ13	445	R AC BUS OFF. 10 SEC TD + NVM				
32-09-02 (SH 1)	FF8	421	421 * 157. L AC BUS OFF.	NOSE A/G DISAGREE	X	X	X
32-42-04 (SH 2)	BH1	157	R AC BUS OFF. 10 SEC TD + NVM				
32-42-04 (SH 2)	BF15	159	159. ANTI-SKID OFF	NORM ANTI-SKID	X	X	
32-42-04 (SH 2)	AD3	398	398. ANTI-SKID OFF	ALTN ANTI-SKID	X	X	
32-42-04 (SH 2)	DB12	78	78. 199. ANTISKID/AUTOBRK IN NVM	ANTISKID/AUTOBRK			
			78. L AC BUS OFF. R AC BUS OFF.	ANTISKID/AUTOBRK		X	X
			MAIN BATT. SW OFF. 10 SEC TD).				
			(199. 199(N-1) + NVM				
32-61-01 (SH 2)	AD10	83	((83*202). R AC BUS OFF). 2 SEC TD	NOSE GEAR LOCKED		X	X
32-61-01 (SH 2)	DC12	202	+NVM				
32-61-01 (SH 2)			((298*43). R AC BUS OFF. 767).	GEAR DISAGREE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((125*335). R AC BUS OFF. 767).	GEAR DOORS		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((372*344). R AC BUS OFF).	NOSE GEAR DOWN		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((127*313). R AC BUS OFF. 767).	L SIDE BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((383*89). R AC BUS OFF. 767).	L DRAG BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((439*277). R AC BUS OFF. 767).	R SIDE BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((293*479). R AC BUS OFF. 767).	R DRAG BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)	ED11	191	((191. 372. 342. R AC BUS OFF).	ALL GEAR DOWN		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			NOSE GEAR LOCKED + GEAR DISAGREE	LDG GEAR MONITOR	X		
32-61-01 (SH 2)			+GEAR DOORS + NOSE GEAR DOWN				
32-61-01 (SH 2)			+L SIDE BRACE + L DRAG BRACE				
32-61-01 (SH 2)			+R SIDE BRACE + R DRAG BRACE				
32-61-01 (SH 2)			+ALL GEAR DOWN				
34-46-01 (SH 2)	BJ1	33	33. STBY BUS OFF. 5 SEC TD	GND PROX BITE	X	X	
36-11-07		396	396	L ENG BLEED VAL	X	X	
36-11-08		427	427	R ENG BLEED VAL	X	X	
38-30-01	BB13	461	461.767	AFT WASTE SNSR	X	X	
38-30-02	BH8	455	455.767	FWD WASTE SNSR	X	X	
49-00-02	EK4	426	(426.60 SEC TD)	APU OIL QTY	X	X	X
			+(APU OIL QTY ADD.APU OIL QTY PP.60				
			SEC TD) + NVM				
49-00-04 (SH 2)	BA13	480	480 + NVM	APU BITE		X	X
49-00-04 (SH 2)	FE1	393	393.60 SEC TD	APU DOOR	X	X	

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	STATUS	MAINTENANCE	NVM
73-21-05	FJ10	32	32. STBY BUS OFF 10 SEC TD. 767	L ENG SPEED CARD	X	X	X
73-21-05	FB10	256	+NVM	R ENG SPEED CARD	X	X	X
			256. STBY BUS OFF 10 SEC TD. 767				
			+NVM				
73-31-01	DB11	81	81	L PIMU		X	
73-31-01	EA8	30	30	R PIMU		X	
74-31-01 (SH 1)	BH15	317	317.767 INSTLN	IGN 1 STBY BUS		X	
74-31-01 (SH 1)	BK2	413	413.767 INSTLN	IGN 2 STBY BUS		X	
75-23-01	BH5	341	341. L AC BUS OFF. ((L ENG RUN.	L NAC VENT VAL		X	A
			ALT<35K)+0N GND)).6 SEC TD + NVM				
75-23-01	EJ3	214	214. R AC BUS OFF. ((L ENG RUN.	R NAC VENT VAL		X	A
			ALT<35K)+0N GND)).6 SEC TD + NVM.				
78-36-01	DF13	486	486.LTRA>43 DEG.10 SEC TD	L REV INTERLOCK	X	X	X
78-36-01	FK8	499	499.RTRA>43 DEG.10 SEC TD	R REV INTERLOCK	X	X	X
78-36-01	BH7	103	103.236.2 SEC TD.	L REV ISLN VAL	X	X	X
78-36-01	DH7	391	391.76.2 SEC TD	R REV ISLN VAL	X	X	X

150, 152-154

**EICAS STATUS AND  
MAINTENANCE ANALOG  
DISCRETES**

Incorporates  
SL-31-030-A

D280T232

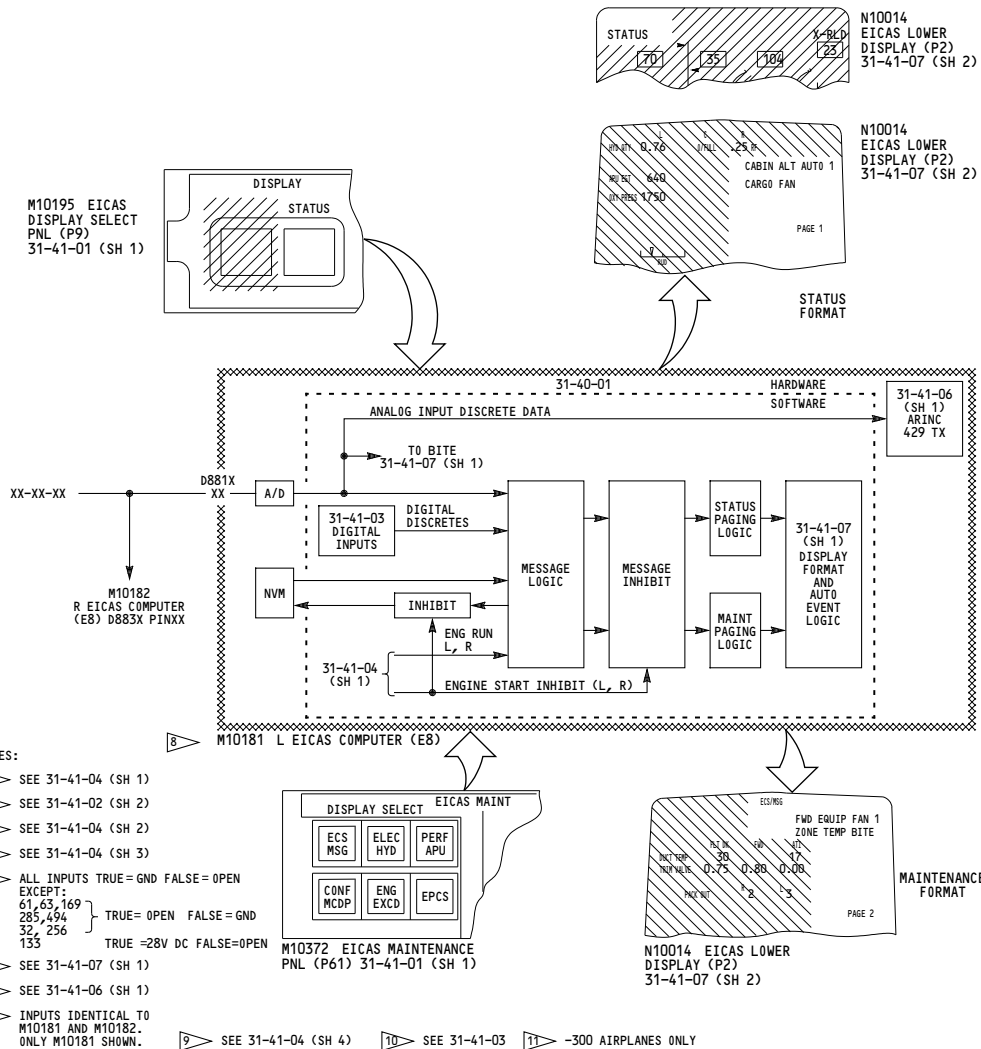
**31-41-05**

Page 102.1  
Sheet 3  
Jan 21/2005

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TABLE 1  
EICAS ANALOG DISCRETE INPUTS

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQUIRED FOR MESSAGE BY INPUT NUMBER	MESSAGE	STATUS	MAINTENANCE
21-26-01	AE3	337	337. R AC BUS OFF 2 SEC TD	BULK CARGO FAN	X	X
21-26-02	AG14	249	249. R AC BUS OFF 767.2 SEC TD + NVM	AFT EQ EXH FAN 1	X	X
21-26-02	AK14	74	74. L AC BUS OFF 767.2 SEC TD + NVM	AFT EQ EXH FAN 2	X	X
21-26-02			(AFT EQ EXH FAN 1)	AFT EQPT CLG FAN	X	
21-31-01 (SH 1)	EF14	112	112.5 SEC TD	CABIN ALT AUTO 1	X	X
21-31-01 (SH 1)	EF13	336	336.5 SEC TD	CABIN ALT AUTO 2	X	X
21-43-01	ED10	209		FWD CARGO HEAT	X	
21-44-01	ED12	49		AFT CARGO HEAT	X	
21-44-02	FC6	273		BULK CARGO HEAT	X	
21-50-01 (SH 2)	BF8	200		HI FLOW INHIBIT	X	X
21-50-03 (SH 2)	FD2	397		L PACK BITE	X	X
21-51-04 (SH 2)	DF11	69		R PACK BITE	X	X
21-58-01 (SH 2)	ED14	304	304. 767	EQ COOLING BITE	X	X
21-58-01 (SH 2)	DA3	84	84.30 SEC TD + NVM	FWD EQ SUP FLOW	X	X
21-58-01 (SH 2)	DA4	244	244.30 SEC TD 767 + NVM	FLT DK SUP FLOW	X	X
21-58-01 (SH 2)	FF3	487	487.30 SEC TD + NVM	FWD EQ SUP OH	X	X
21-58-04 (SH 1)	AE11	330	330. L AC BUS OFF 767 2 SEC TD	FWD EQ SUP FAN 1	X	X
21-58-04 (SH 2)	AD9	58	58. R AC BUS OFF 767 2 SEC TD	FWD EQ SUP FAN 2	X	X
21-58-05	AJ13	282	282. R AC BUS OFF 2 SEC TD	FWD EQ EXH FAN	X	X
NC	DA2	308	308. 767	FWD EQ REFRIG	X	
21-60-01	DB8	186		ZONE TEMP BITE	X	
NC	FG1	96	96 + NVM	L IDG LEVEL	X	X
24-11-01			(L IDG OIL TEMP > 175°) + ((L IDG OIL TEMP = 0.5) . L ENG RUNNING 59.60 SEC TD)	L IDG TEMP SENS	X	X
24-11-01			(L IDG OIL TEMP > 155°) 600 SEC TD	L IDG OIL TEMP	X	X
24-11-01	FG2	367	328. 20 SEC TD + NVM	L IDG VALVE	X	X
NC	FG3	320	320 + NVM	R IDG LEVEL	X	X
24-11-01			(R IDG OIL TEMP > 175°) + ((R IDG OIL TEMP = 0.5) . R ENG RUNNING 238.60 SEC TD)	R IDG TEMP SENS	X	X
24-11-01			(R IDG OIL TEMP > 155°) 600 SEC TD	R IDG OIL TEMP	X	X
24-11-01	FJ1	448	286. 20 SEC TD + NVM	R IDG VALVE	X	X
24-11-01			(IDG OIL TEMP RISE DIFF (L-R) > 10.° 600 SEC TD	IDG RISE TEMP	X	X
24-11-01	EE7	539	.NT DIFF < 5	IDG OUT TEMP	X	X
24-11-01	EE8	540	.L GEN OFF .R GEN OFF			
24-11-01	DB1	59	.L IDG TEMP SENS			
24-11-01	DA12	283	.R IDG TEMP SENS .600 SEC TD + NVM			



## EICAS STATUS AND MAINTENANCE ANALOG DISCRETES

Incorporates  
SL-31-030-A

D280T232

# 31-41-05

Page 102.2  
Sheet 1  
Jan 21/2005

633

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	STATUS	MAINTENANCE	NVM
24-20-05 (SH 1)	FJ4	133	133 + NVM	HYD GEN ON	X	X	A
24-20-05 (SH 1)	EB13	63	63 . HYD GEN INSTLN .5 SEC TD	HYD GEN VAL	X	X	
NC	EC12	46	46	BATTERY CHARGING	X	X	
24-31-01	EA12	494	494. R AC BUS OFF. HYD GEN ON. 10 SEC TD	MAIN BAT CHGR	X	X	X
NC	FE2	169	169. R AC BUS OFF. 10 SEC TD	APU BAT CHGR	X	X	X
24-32-01	EJ14	62	62	T-R UNIT	X	X	
24-33-01			106 ≥ INV AC VOLTS ≥ 124. 0.7 SEC TD. 250 + NVM	STBY INVERTER	X	X	X
24-51-04	BJ14	61	61. L AC BUS OFF	CAPT INSTR XFER	X	X	
24-51-04	BH14	285	285. R AC BUS OFF	F/O INSTR XFER	X	X	
26-11-01 (SH 2)	AG4	356	356. 235	L ENG OH LP 1	X		
		235	356	L ENG OH LP 1	X		
26-11-01 (SH 2)	BE6	453	453. 235	L ENG OH LP 2	X		
26-11-01 (SH 2)	DG6	467	467. 57	L ENG FIRE LP 1	X		
		57	467	L ENG FIRE LP 1	X		
26-11-01 (SH 2)	EG4	233	233. 57	L ENG FIRE LP 2	X		
26-11-02	DG9	339	339. 466	R ENG OH LP 1	X		
		466	339	R ENG OH LP 1	X		
26-11-02	EG6	297	297. 466	R ENG OH LP 2	X		
		466	297	R ENG OH LP 2	X		
26-11-02	AG2	484	484. 99	R ENG FIRE LP 1	X		
		99	484	R ENG FIRE LP 1	X		
26-11-02	BE9	311	311. 99	R ENG FIRE LP 2	X		
		311	311	R ENG FIRE LP 2	X		
26-15-01 (SH 2)	DF4	420	420. 359	APU FIRE LP 1	X		
		359	420	APU FIRE LP 1	X		
26-15-01 (SH 2)	FD4	161	161. 359	APU FIRE LP 2	X		
		161	161	APU FIRE LP 2	X		
26-16-01 (SH 1)	FE7	385	385. 20 SEC TD	CARGO DET AIR	X		
26-16-01 (SH 1)	DG11	419	419. 10 SEC TD	FWD DET FAN	X		
26-16-01 (SH 1)	EC11	206	206. 10 SEC TD	AFT DET FAN	X		
26-16-01 (SH 2)	AH6	36	36. 370	FWD CARGO DET 1	X		
		370	36	FWD CARGO DET 1	X		
26-16-01 (SH 2)	BG5	247	247. 370	FWD CARGO DET 2	X		
		370	247	FWD CARGO DET 2	X		
26-16-01 (SH 2)	DF1	164	164. 472	AFT CARGO DET 1	X		
		472	164	AFT CARGO DET 1	X		
26-16-01 (SH 2)	EG2	73	73. 472	AFT CARGO DET 2	X		
		472	73	AFT CARGO DET 2	X		
26-17-01 (SH 2)	BF12	173	173. 267. 767 INSTL	BODY DUCT LP 1	X		
		267	173. 767 INSTL	BODY DUCT LP 1	X		
26-17-01 (SH 2)	DC10	158	158. 267. 767 INSTL	BODY DUCT LP 2	X		
		158	158. 767 INSTL	BODY DUCT LP 2	X		
26-18-01	DA5	227	227. 450. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	FK8	489	489. 450. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	AJ15	67	67. 98. 767 INSTL	R STRUT DCT LP 1	X		
26-18-01	FJ8	137	137. 98. 767 INSTAL	R STRUT DCT LP 2	X		
26-18-01	DA5	227	227. 767 INSTL	L STRUT DCT LP 1	X		
26-18-01	FK8	489	489. 767 INSTAL	L STRUT DCT LP 2	X		
26-18-01	AJ15	67	67. 767 INSTL	R STRUT DCT LP 1	X		
26-18-01	FJ8	137	137. 767 INSTAL	R STRUT DCT LP 2	X		

NOTES: 1. AN -A- IN THE NVM COLUMN DENOTES THIS MESSAGE IS LATCHED INTO NVM ONLY IN THE AIR

TABLE 1 (CONT)

SCHEMATIC REFERENCE	DBX PIN	DISAGREE INPUT NO.	INPUT REQ FOR MESSAGE (BY INPUT NO.)	MESSAGE	STATUS	MAINTENANCE	NVM
27-09-05	EK13	301	301. STBY BUS OFF	YAW DAMPER	X	X	
27-09-05	EJ11	207	207. STBY BUS OFF	STAB TRIM	X	X	
27-09-05	EK9	77	77. 20 SEC TD	RUDDER RATIO	X	X	
27-09-05	AH14	82	82. STBY BUS OFF. 10 SEC TD	SPOILERS	X	X	
27-09-05	FD3	270	270. STBY BUS OFF. 30 SEC TD	L FLT CONT ELEC	X	X	
27-09-05	EA10	222	222. STBY BUS OFF. 30 SEC TD	R FLT CONT ELEC	X	X	
27-30-01 (SH 3)	DC4	314	314. ALL HYD PRESS > 1700 PSI. 767 INSTLN. 30 SEC TD	ELEV FEEL	X	X	A
27-51-02	DF3	500	500. STBY BUS OFF. 5 SEC TD	FLAP/SLAT ELEC	X	X	
27-51-04 (SH 2)	DA8	247	247. 122. 767	TE FLAP SHUTDOWN	X	X	
		122			X	X	
27-81-03 (SH 2)	AK13	307	307. 474. 767	LE SLAT SHUTDOWN	X	X	
		474			X	X	
28-40-01	FD10	192	192	DC FUEL PUMP ON	X		
28-40-01			ANY TANK DATA INVALID. 175. FUEL QTY CHANNEL. FUEL QTY IND	FUEL QTY BITE	X		
28-40-01	ED4	175	175	FUEL QTY BITE	X		
28-40-01	FE6	488	488. 10 SEC TD + NVM	APU ISLN VAL	X		X
			488. 10 SEC TD + NVM	APU ISLN VAL	X		X
28-40-01			ANY CHAN OR CROSS-CHAN FAULT	FUEL QTY CHANNEL	X		
28-40-01			ANY TANK ACCURACY FAULT	FUEL QTY IND	X		
29-00-07 (SH 1)			L HYD SYS PRESS < 2800. 403.	L HYD SYS MAINT	X	X	X
29-00-07 (SH 1)			BOTH ENG RUN. 60 SEC TD + NVM	R HYD SYS MAINT	X	X	X
29-00-07 (SH 1)			R HYD SYS PRESS < 2800. 120.	C HYD SYS MAINT	X	X	X
29-00-07 (SH 1)			BOTH ENG RUN. 60 SEC TD + NVM		X	X	
29-00-07 (SH 1)			C HYD SYS PRESS < 2800. 60		X	X	
29-00-07 (SH 1)			BOTH ENG RUN. 60 SEC TD + NVM		X	X	
29-00-05 (SH 2)			L HYD QTY READOUT "0F"	L HYD QTY 0/FULL	X		
29-00-05 (SH 2)			C HYD QTY READOUT "0F"	C HYD QTY 0/FULL	X		
29-00-05 (SH 2)			R HYD QTY READOUT "0F"	R HYD QTY 0/FULL	X		
30-11-01 (SH 1)	FK1	495	495. 10 SEC TD + NVM	L WING TAI VALVE	X		X
30-11-01 (SH 1)	FH1	143	143. 10 SEC TD + NVM	R WING TAI VALVE	X		X
30-21-01 (SH 1)	F65	95	95. 10 SEC TD + NVM	L ENG TAI VALVE	X		X
30-21-01 (SH 1)	F68	319	319. 10 SEC TD + NVM	R ENG TAI VALVE	X		X
30-31-01	FB8	457	457. 0N GND. 10 SEC TD + NVM	CAPT PITOT HEAT	X		X
30-31-01	EK12	394	394. 0N GND. 10 SEC TD + NVM	F/O PITOT HEAT	X		X
30-31-01	EK5	170	170. 0N GND. 10 SEC TD + NVM	L AUX PITOT HEAT	X		X
30-31-01	EK8	237	237. 0N GND. 10 SEC TD + NVM	R AUX PITOT HEAT	X		X
30-81-01	ED7	254	254	ICE DETECTOR	X		
31-31-01 (SH 1)	EC10	113	113. (75 + 767). BOTH ENGINES RUNNING.	FLT DATA REC	X	X	A
	AJ14	75	L AC BUS OFF. 60 SECS TD + NVM		X	X	
31-31-01 (SH 1)			75. 767 INSTLN. L AC BUS OFF.	FLT DATA ACQ	X	X	A
			BOTH ENG RUNNING. 60 SECS TD + NVM		X	X	
31-41-07 (SH 1)	BD4	—	OTHER FAIL L + OWN FAIL L OTHER FAIL L + OWN FAIL L	L EICAS CMPTR R EICAS CMPTR	X		
31-41-07 (SH 1)			OWN CMPTR FAIL + OTHER CMPTR FAIL + L EICAS CMPTR + R EICAS CMPTR + NO CROSSTALK DATA. OTHER FAIL	EICAS BITE	X		
31-41-07 (SH 2)			ENG DISAGREE IN NVM + CAUTION ALERT FAULT (OWN) + CAUTION ALERT FAULT (OTHER)	EICAS DISAGREE	X		
31-51-01 (SH 1)	BC8	412	412. STBY BUS OFF	WARN ELEX	X	X	

151

## EICAS STATUS AND MAINTENANCE ANALOG DISCRETES

D280T232

# 31-41-05

Page 102.2  
Sheet 2  
Jan 21/2005

TABLE 1 (CONT)

TABLE 1 (CONT)

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	STATUS	MAINTENANCE	NVM
32-09-02 (SH 1)	FE9	360	360 * 445. L AC BUS OFF.	AIR/GND DISAGREE	X	X	X
32-09-02 (SH 1)	BJ13	445	R AC BUS OFF. 10 SEC TD + NVM				
32-09-02 (SH 1)	FF8	421	421 * 157. L AC BUS OFF.	NOSE A/G DISAGREE	X	X	X
32-42-04 (SH 2)	BH1	157	R AC BUS OFF. 10 SEC TD + NVM				
32-42-04 (SH 2)	BF15	159	159. ANTI-SKID OFF	NORM ANTI-SKID	X	X	
32-42-04 (SH 2)	AD3	398	398. ANTI-SKID OFF	ALTN ANTI-SKID	X	X	
32-42-04 (SH 2)	DB12	78	78. 199. ANTISKID/AUTOBRK IN NVM	ANTISKID/AUTOBRK			
			78. L AC BUS OFF. R AC BUS OFF.	ANTISKID/AUTOBRK		X	X
			MAIN BATT. SW OFF. 10 SEC TD).				
			(199. 199(N-1) + NVM				
32-61-01 (SH 2)	AD10	83	((83*202). R AC BUS OFF). 2 SEC TD	NOSE GEAR LOCKED		X	X
32-61-01 (SH 2)	DC12	202	+NVM				
32-61-01 (SH 2)			((298*43). R AC BUS OFF. 767).	GEAR DISAGREE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((125*335). R AC BUS OFF. 767).	GEAR DOORS		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((372*344). R AC BUS OFF).	NOSE GEAR DOWN		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((127*313). R AC BUS OFF. 767).	L SIDE BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((383*89). R AC BUS OFF. 767).	L DRAG BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((439*277). R AC BUS OFF. 767).	R SIDE BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			((293*479). R AC BUS OFF. 767).	R DRAG BRACE		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)	ED11	191	((191. 372. 342. R AC BUS OFF).	ALL GEAR DOWN		X	X
32-61-01 (SH 2)			30 SEC TD + NVM				
32-61-01 (SH 2)			NOSE GEAR LOCKED + GEAR DISAGREE	LDG GEAR MONITOR	X		
			+GEAR DOORS + NOSE GEAR DOWN				
			+L SIDE BRACE + L DRAG BRACE				
			+R SIDE BRACE + R DRAG BRACE				
			+ALL GEAR DOWN				
34-46-01 (SH 2)	BJ1	33	33. STBY BUS OFF. 5 SEC TD	GND PROX BITE	X	X	
36-11-07		396	396	L ENG BLEED VAL	X	X	
36-11-08		427	427	R ENG BLEED VAL	X	X	
38-30-01	BB13	461	461.767	AFT WASTE SNSR	X	X	
38-30-02	BH8	455	455.767	FWD WASTE SNSR	X	X	
49-00-02	EK4	426	(426.60 SEC TD)	APU OIL QTY	X	X	X
			+(APU OIL QTY ADD.APU OIL QTY PP.60				
			SEC TD) + NVM				
49-00-04 (SH 2)	BA13	480	480 + NVM	APU BITE		X	X
49-00-04 (SH 2)	FE1	393	393.60 SEC TD	APU DOOR	X	X	

SCHEMATIC REFERENCE	D88X PIN	DISAGREE INPUT NUMBER	INPUT REQ FOR MESSAGE (BY INPUT NUMBER)	MESSAGE	STATUS	MAINTENANCE	NVM
73-21-05	FJ10	32	32. STBY BUS OFF 10 SEC TD. 767	L ENG SPEED CARD	X	X	X
73-21-05	FB10	256	+NVM	R ENG SPEED CARD	X	X	X
			256. STBY BUS OFF 10 SEC TD. 767				
			+NVM				
73-31-01	DB11	81	81	L PIMU		X	
73-31-01	EA8	30	30	R PIMU		X	
74-31-01 (SH 1)	BH15	317	317.767 INSTLN	IGN 1 STBY BUS		X	
74-31-01 (SH 1)	BK2	413	413.767 INSTLN	IGN 2 STBY BUS		X	
75-23-01	BH5	341	341. L AC BUS OFF. ((L ENG RUN.	L NAC VENT VAL		X	A
			ALT<35K)+0N GND)).6 SEC TD + NVM				
75-23-01	EJ3	214	214. R AC BUS OFF. ((L ENG RUN.	R NAC VENT VAL		X	A
			ALT<35K)+0N GND)).6 SEC TD + NVM.				
78-36-01	DF13	486	486.LTRA>43 DEG.10 SEC TD	L REV INTERLOCK	X	X	X
78-36-01	FK8	499	499.RTRA>43 DEG.10 SEC TD	R REV INTERLOCK	X	X	X
78-36-01	BH7	103	103.236.2 SEC TD.	L REV ISLN VAL	X	X	X
78-36-01	DH7	391	391.76.2 SEC TD	R REV ISLN VAL	X	X	X

151

**EICAS STATUS AND  
MAINTENANCE ANALOG  
DISCRETES**

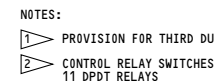
Incorporates  
SL-31-030-A

D280T232

**31-41-05**

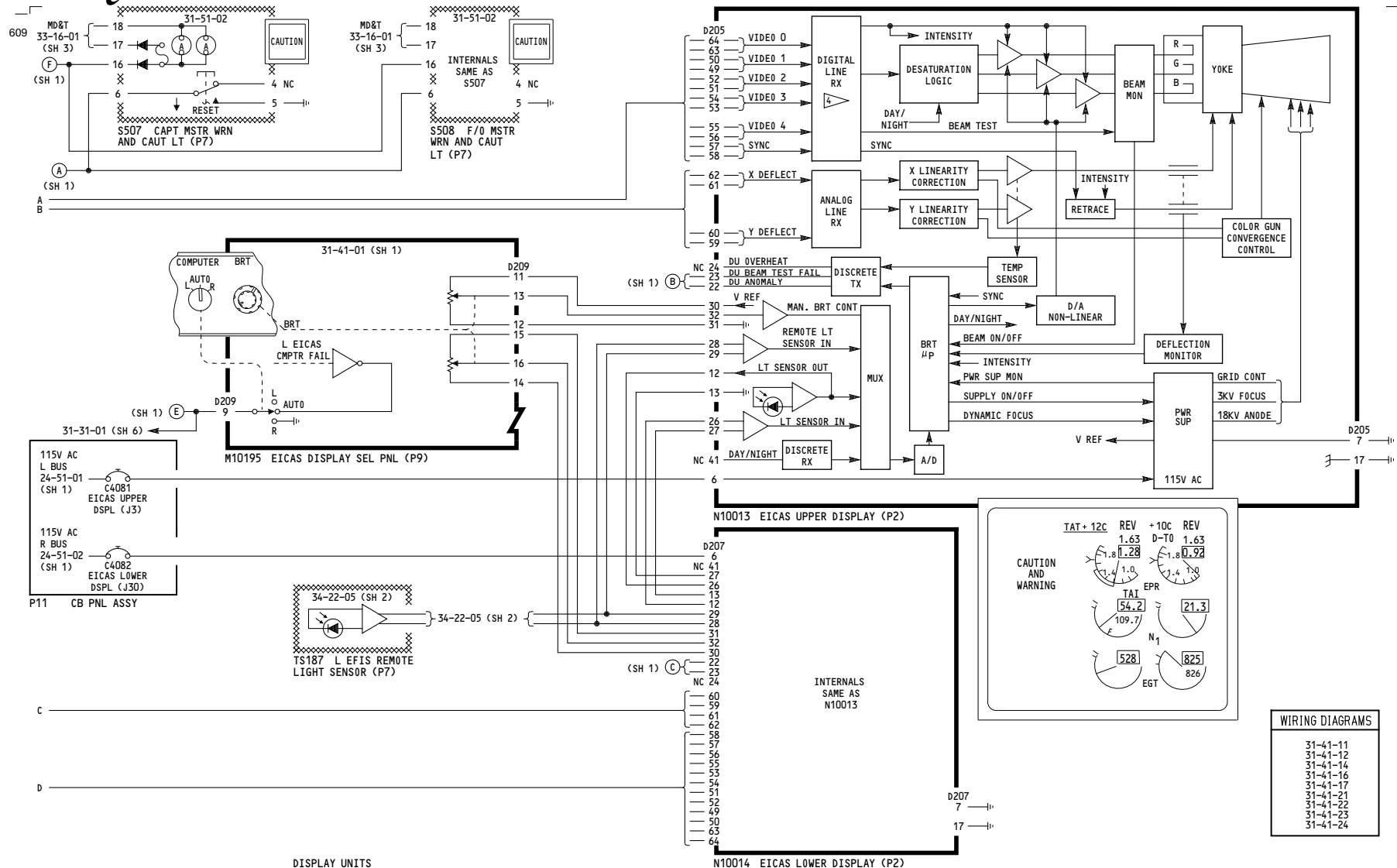
Page 102.2  
Sheet 3  
Jan 21/2005

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## ENGINE INDICATION & CREW ALERTING SYSTEM OUTPUTS

**31-41-06**



ALL

## DISPLAY UNITS

## ENGINE INDICATION & CREW ALERTING SYSTEM OUTPUTS

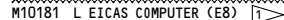
D280T232

WIRING DIAGRAMS
31-41-11
31-41-12
31-41-14
31-41-16
31-41-17
31-41-21
31-41-22
31-41-23
31-41-24

**31-41-06**

Page 101  
Sheet 2  
Jan 21/2005





## TABLE 1 DISPLAY FORMAT SELECTION

TABLE 2 AUTO-EVENTS

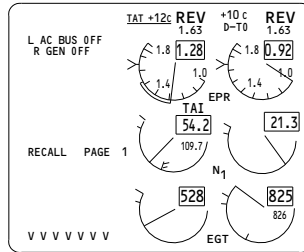
SNAPSHOT	AUTO EVENT	EICAS REF	SYSTEM	SNAPSHOT	AUTO EVENT	EICAS REF	SYSTEM
ECS	FLT OK, FWD, AFT OR MID CABIN TEMP L, R PACK TEMP	31-41-04 (SH 1)	21-60-XX  21-50-0X	PERF	ANY EXCD OF:- N1, N2 OR EGT VIBRATION OIL PRESS QTY OR TEMP	31-41-02 (SH 2)  77-00-00 77-00-00	77-00-00 77-00-00
ELEC	L GEN DRIVE R GEN DRIVE	31-41-04 (SH 1)	24-11-01 24-11-01	APU	APU FAULT	31-41-04 (SH 4)	49-00-00
	LR IDG OIL TEMP IDG RISE TEMP	31-41-05 (SH 1)	24-11-01 24-11-01		APU OIL QTY	31-41-05 (SH 3)	49-00-00
HYD	L, C, R HYD SYS PRESS L, C, R HYD QTY L, R PRIM HYD OVHT C HYD 1, 2 OVHT L, C, R DEM HYD OVHT	31-41-04 (SH 2)	29-00-0X				

1 L EICAS SHOWN M10182 R EICAS COMPUTER SIMILAR.

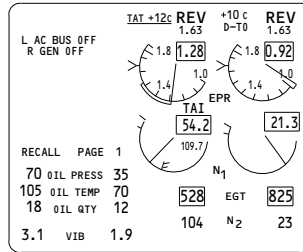
- 1 L EICAS SHOWN MUI0182 R EICAS COMPUTER SIMILAR.
- 2 ONLY ACTIVE ON GROUND WITH PARKING BRAKE SET. WRAPS TEST SIGNAL INTO ALL FREQUENCY AND DISCRETE INPUT PORTS.
- 3 PRESSING KEY FOR SECOND TIME RETURNS DISPLAY TO PREVIOUS STATE, I.E., RETURNS MANUAL AND AUTO EVENTS TO REAL TIME AND BLANKS REAL TIME DISPLAY. IF COMPACTED FULL-MAINTENANCE (COMP-F MAINT) DISPLAYED BY PRESSING A MAINTENANCE KEY THE DATA SHOWN WILL BE REAL TIME.
- 4 INDICATES WHICH KEY PRESSED ON TEST FORMAT
- 5 IF SAME KEY PRESSED AS MAINT FORMAT ALREADY ON DISPLAY, THE FORMAT WILL CHANGE TO PRIMARY/SEC FULL. IF ANY OTHER MAINT KEY PRESSED LOWER DISPLAY WILL CHANGE TO THAT FORMAT.
- 6 ALERT MESSAGES RESET FOR 5 SECONDS, REVERTS TO COMPACTED-FULL ON OPERATING DISPLAY AFTER DU FAILURE.

-B  
635

## OPERATIONAL FORMATS

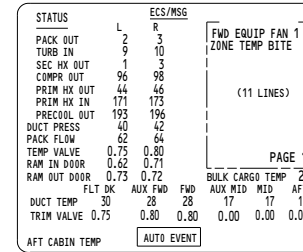


PRIMARY  
(WITH ALERT MESSAGES  
AND ENG SEC DATA CUE)

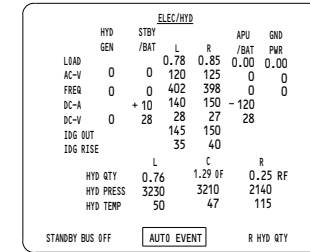


COMPACTED  
(FULL)

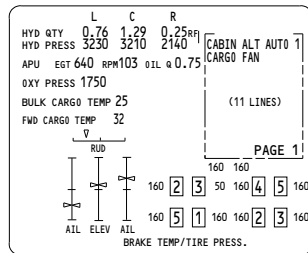
## MAINTENANCE FORMATS



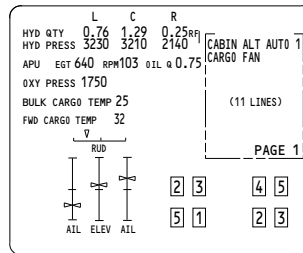
ENVIRONMENTAL CONTROL SYSTEM/  
MESSAGE



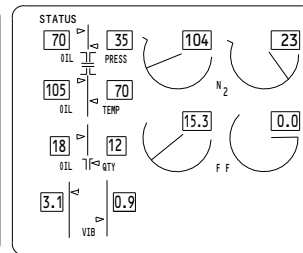
ELECTRICAL/HYDRAULIC  
MESSAGE



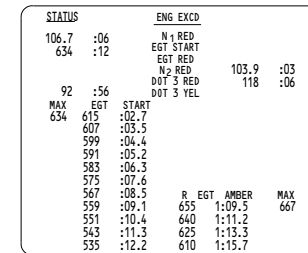
STATUS



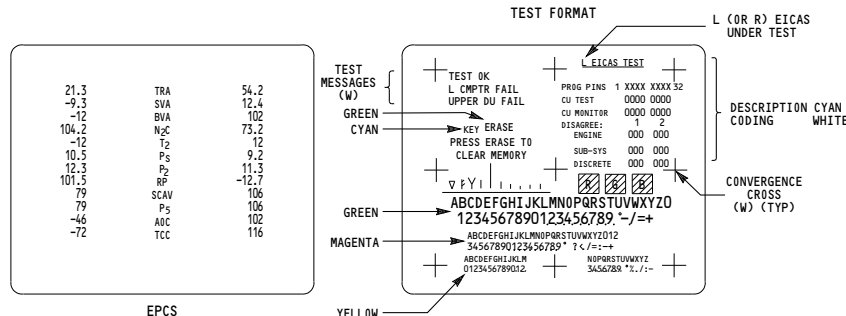
STATUS



SECONDARY  
(FULL)



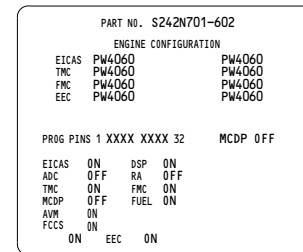
ENGINE EXCEEDANCES



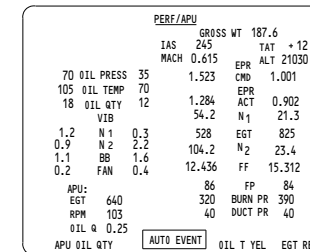
EPCS

YELLOW

NOTES:  
7 NOT ALL PARAMETERS SHOWN WHEN "PARTIAL", 8 VN151-VN155, 9 VN156-VN170



CONFIGURATION/MCDP



PERFORMANCE/APU  
APU AUTO. EVENT MESSAGE  
ENGINE AUTO. EVENT MESSAGE

050-099, 150-199, 280-299

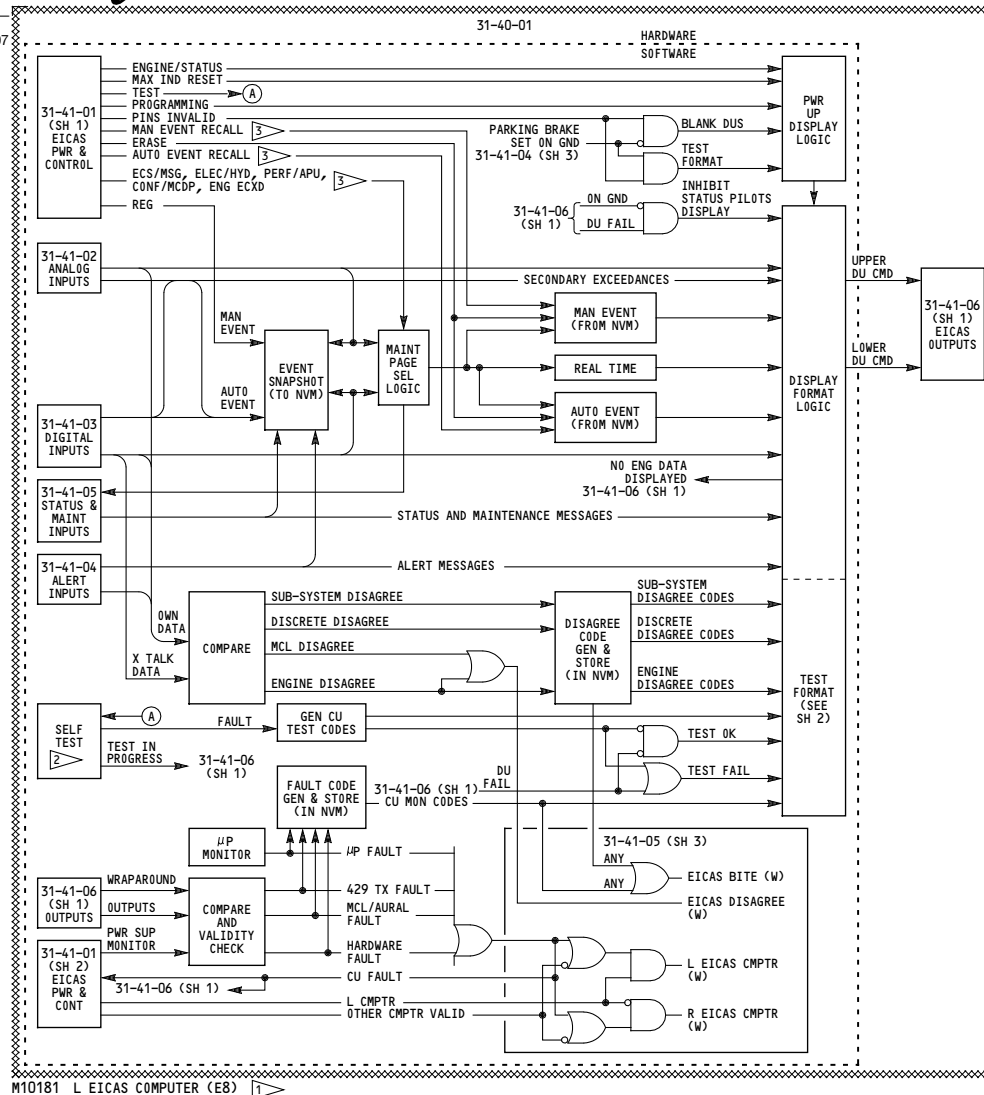
## ENGINE INDICATION & CREW ALERTING SYSTEM DISPLAYS

D280T232

31-41-07

Page 101  
Sheet 2  
Jan 21/2005

607



M10181 L EICAS COMPUTER (E8)

TABLE 1 DISPLAY FORMAT SELECTION

PRESENT DISPLAY UPPER LOWER	NO SECONDARY ENGINE EXCEEDANCE							EXISTING SECONDARY EXCEEDANCE				
	PRIMARY BLANK	PRIMARY SEC-PART	PRIMARY SEC-FULL	PRIMARY STATUS	COMP-P STATUS	COMP-F MAINT	TEST TEST	PRIMARY SEC-PART	PRIMARY SEC-FULL	COMP-P STATUS	COMP-F MAINT	TEST TEST
ENGINE KEY	PRIMARY SEC-FULL	PRIMARY SEC-FULL	PRIMARY SEC-FULL	PRIMARY SEC-FULL	PRIMARY SEC-FULL	PRIMARY SEC-FULL	NO CHANGE	PRIMARY SEC-FULL	PRIMARY SEC-FULL	PRIMARY SEC-FULL	PRIMARY SEC-FULL	NO CHANGE
STATUS KEY	PRIMARY STATUS	PRIMARY STATUS	PRIMARY STATUS	PRIMARY BLANK	PRIMARY BLANK	PRIMARY STATUS	NO CHANGE	COMP-P STATUS	COMP-P STATUS	PRIMARY SEC-PART	COMP-P STATUS	NO CHANGE
NEW PRIM EXCEED	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	PRIMARY BLANK	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	PRIMARY SEC-PART	NO CHANGE
NEW SEC EXCEED	PRIMARY SEC-PART	PRIMARY SEC-PART	NO CHANGE	PRIMARY SEC-PART	PRIMARY SEC-PART	PRIMARY SEC-PART	NO CHANGE	PRIMARY SEC-PART	NO CHANGE	PRIMARY SEC-PART	PRIMARY SEC-PART	NO CHANGE
TEST 2	TEST TEST	TEST TEST	TEST TEST	TEST TEST	TEST TEST	TEST TEST	PRIMARY SEC-FULL	TEST TEST	TEST TEST	TEST TEST	TEST TEST	PRIMARY SEC-FULL
MAINT 3	COMP-F MAINT	COMP-F MAINT	COMP-F MAINT	COMP-F MAINT	COMP-F MAINT	COMP-F MAINT	NO CHANGE	COMP-F MAINT	COMP-F MAINT	COMP-F MAINT	COMP-F MAINT	NO CHANGE
UPPER DU FAIL	PRIMARY	PRIMARY	COMP-F	PRIMARY	PRIMARY	PRIMARY	TEST	COMP-P	COMP-P	COMP-P	COMP-P	TEST
LOWER DU FAIL	PRIMARY	PRIMARY	COMP-F	PRIMARY	PRIMARY	PRIMARY	TEST	COMP-P	COMP-P	COMP-P	COMP-P	TEST
DSP FAIL	PRIMARY SEC-FULL 6											
INPUT												

TABLE 2 AUTO-EVENTS

SNAPSHOT	AUTO EVENT	EICAS REF	SYSTEM	SNAPSHOT	AUTO EVENT	EICAS REF	SYSTEM
ECS	FLT DK, FWD, AFT OR MID CABIN TEMP, R PACK TEMP	31-41-04 (SH 1)	21-60-XX 21-50-XX	PERF	ANY EXCD OF: N1, N2 OR EGT VIBRATION OIL PRESS QTY OR TEMP	31-41-02 (SH 2)	77-00-01 77-00-02
ELEC	L GEN DRIVE R GEN DRIVE LR IDG OIL TEMP IDG RISE TEMP	31-41-04 (SH 1) 31-41-05 (SH 1)	24-11-01 24-11-01 24-11-01	APU	APU FAULT APU OIL QTY	31-41-04 (SH 4) 31-41-05 (SH 3)	49-00-04 49-00-02
HYD	L, C, R HYD SYS PRESS L, C, R HYD QTY L, R PRIM HYD OVHT C HYD 1, 2 OVHT L, C, R DEM HYD OVHT	31-41-04 (SH 2)	29-00-0X				

NOTES:

- 1 L EICAS SHOWN M10182 R EICAS COMPUTER SIMILAR.
- 2 ONLY ACTIVE ON GROUND WITH PARKING BRAKE SET. WRAPS TEST SIGNAL INTO ALL FREQUENCY AND DISCRETE INPUT PORTS.
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- 4 INDICATES WHICH KEY PRESSED ON TEST FORMAT
- 5 IF SAME KEY PRESSED AS MAINT FORMAT ALREADY ON DISPLAY, THE FORMAT WILL CHANGE TO PRIMARY/SEC FULL. IF ANY OTHER MAINT KEY PRESSED LOWER DISPLAY WILL CHANGE TO THAT FORMAT.
- 6 ALERT MESSAGES RESET FOR 5 SECONDS, REVERTS TO COMPACTED-FULL ON OPERATING DISPLAY AFTER DU FAILURE.

050-167, 280

## ENGINE INDICATION & CREW ALERTING SYSTEM DISPLAYS

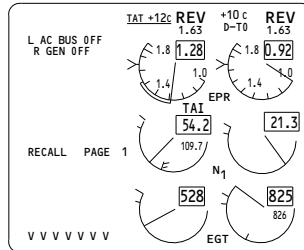
D280T232

## 31-41-07

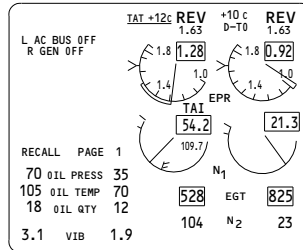
Page 101.1  
Sheet 1  
Jan 21/2005

758

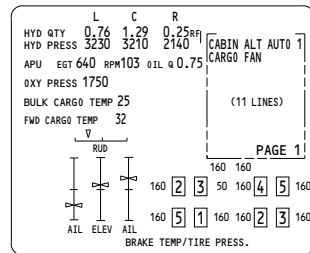
## OPERATIONAL FORMATS



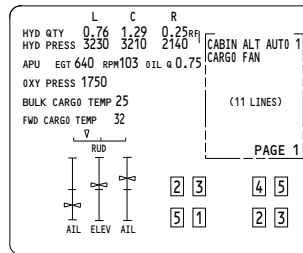
PRIMARY  
(WITH ALERT MESSAGES  
AND ENG SEC DATA CUE)



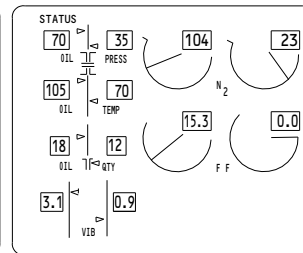
COMPACTED  
(FULL)



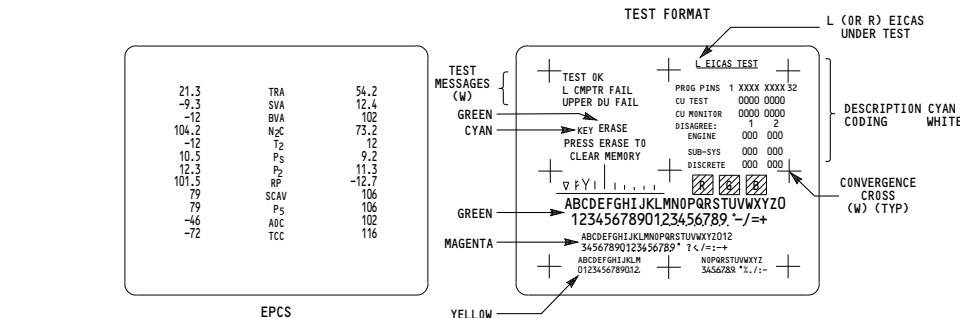
STATUS



STATUS



SECONDARY  
(FULL)



EPCS

YELLOW

NOTES: 7 NOT ALL PARAMETERS SHOWN WHEN "PARTIAL", 8 VN151-VN155, 9 VN156-VN170

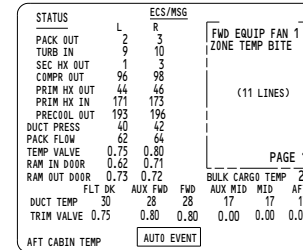
050-167, 280

## ENGINE INDICATION & CREW ALERTING SYSTEM DISPLAYS

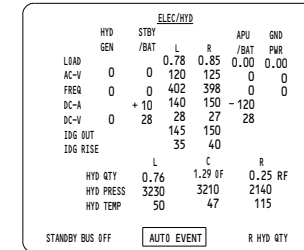
D280T232

Incorporates  
SL-31-030-A

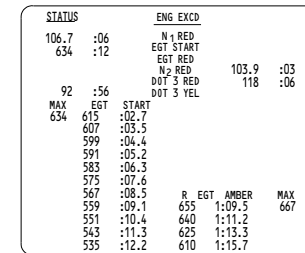
## MAINTENANCE FORMATS



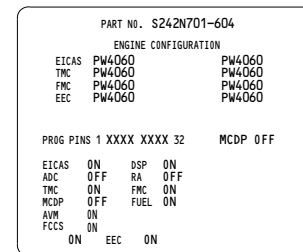
AUTO. EVENT  
MESSAGE ENVIRONMENTAL CONTROL SYSTEM/  
MESSAGE



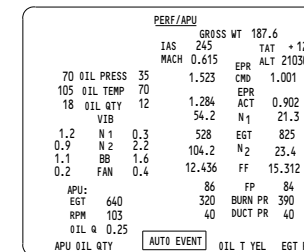
ELECTRICAL  
AUTO. EVENT  
MESSAGE ELECTRICAL/HYDRAULIC  
MESSAGE (BLANK FOR REAL TIME DATA)



ENGINE EXCEEDANCES



CONFIGURATION/MCDP

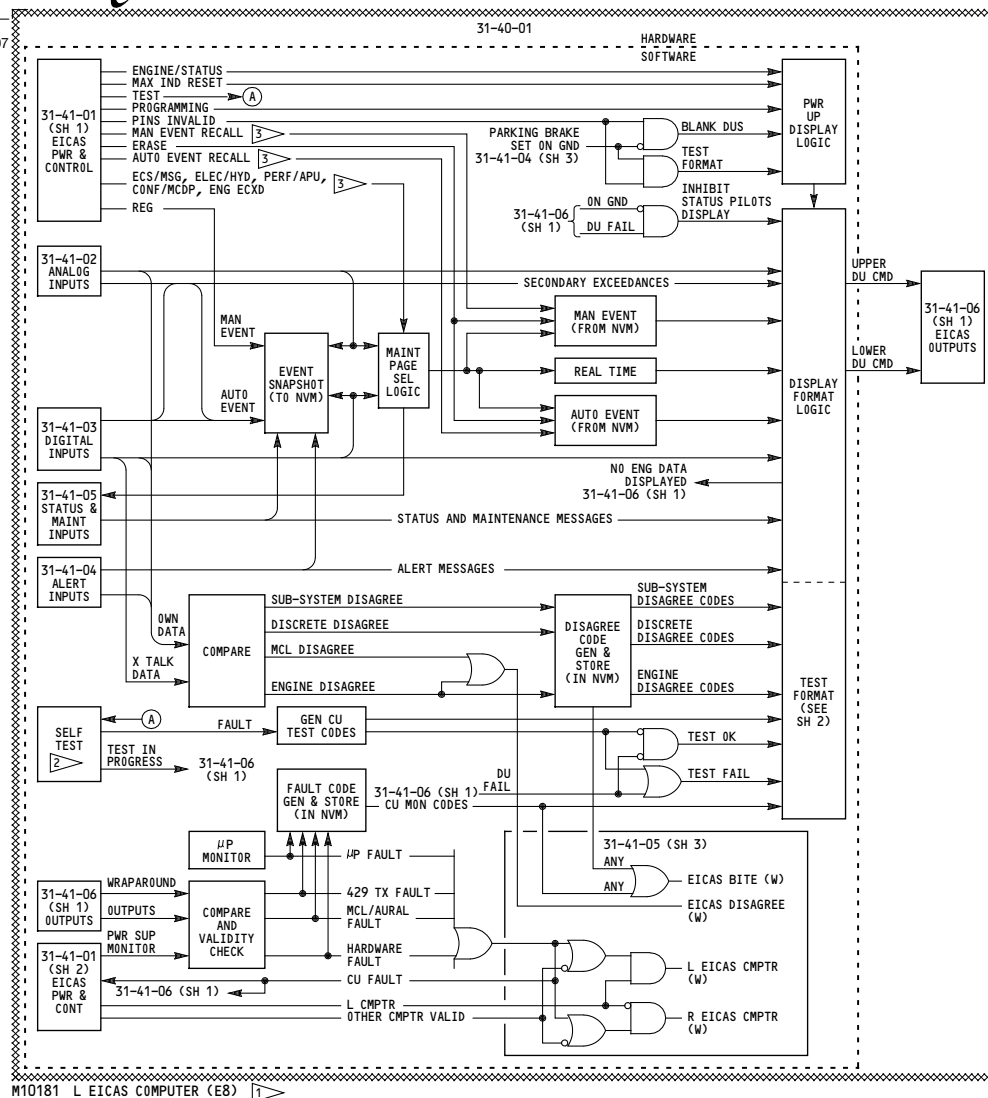


PERFORMANCE/APU  
APU AUTO. EVENT  
MESSAGE ENGINE  
AUTO. EVENT  
MESSAGE

31-41-07

Page 101.1  
Sheet 2  
Jan 21/2005

607



M10181 L EICAS COMPUTER (E8)

TABLE 1 DISPLAY FORMAT SELECTION

PRESENT DISPLAY UPPER LOWER	NO SECONDARY ENGINE EXCEEDANCE							EXISTING SECONDARY EXCEEDANCE				
	PRIMARY BLANK	PRIMARY SEC-PART	PRIMARY SEC-FULL	PRIMARY STATUS	COMP-P STATUS	COMP-F MAINT	TEST TEST	PRIMARY SEC-PART	PRIMARY SEC-FULL	COMP-P STATUS	COMP-F MAINT	TEST TEST
ENGINE KEY	PRIMARY SEC-FULL	PRIMARY SEC-FULL	PRIMARY SEC-FULL	PRIMARY SEC-FULL	PRIMARY SEC-FULL	PRIMARY SEC-FULL	NO CHANGE	PRIMARY SEC-FULL	PRIMARY SEC-FULL	PRIMARY SEC-FULL	PRIMARY SEC-FULL	NO CHANGE
STATUS KEY	PRIMARY STATUS	PRIMARY STATUS	PRIMARY STATUS	PRIMARY BLANK	PRIMARY BLANK	PRIMARY STATUS	NO CHANGE	COMP-P STATUS	COMP-P STATUS	PRIMARY SEC-PART	COMP-P STATUS	NO CHANGE
NEW PRIM EXCEED	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	PRIMARY BLANK	NO CHANGE	NO CHANGE	NO CHANGE	PRIMARY SEC-PART	NO CHANGE	NO CHANGE
NEW SEC EXCEED	PRIMARY SEC-PART	PRIMARY SEC-PART	NO CHANGE	PRIMARY SEC-PART	PRIMARY SEC-PART	PRIMARY SEC-PART	NO CHANGE	PRIMARY SEC-PART	NO CHANGE	PRIMARY SEC-PART	PRIMARY SEC-PART	NO CHANGE
TEST 2	TEST TEST	TEST TEST	TEST TEST	TEST TEST	TEST TEST	TEST TEST	PRIMARY SEC-FULL	TEST TEST	TEST TEST	TEST TEST	TEST TEST	PRIMARY SEC-FULL
MAINT 3	COMP-F MAINT	COMP-F MAINT	COMP-F MAINT	COMP-F MAINT	COMP-F MAINT	COMP-F MAINT	NO CHANGE	COMP-F MAINT	COMP-F MAINT	COMP-F MAINT	COMP-F MAINT	NO CHANGE
UPPER DU FAIL	PRIMARY	PRIMARY	COMP-F	PRIMARY	PRIMARY	PRIMARY	TEST	COMP-P	COMP-P	COMP-P	COMP-P	TEST
LOWER DU FAIL	PRIMARY	PRIMARY	COMP-F	PRIMARY	PRIMARY	PRIMARY	TEST	COMP-P	COMP-P	COMP-P	COMP-P	TEST
DSP FAIL	PRIMARY SEC-FULL 6											
INPUT												

TABLE 2 AUTO-EVENTS

SNAPSHOT	AUTO EVENT	EICAS REF	SYSTEM	SNAPSHOT	AUTO EVENT	EICAS REF	SYSTEM
ECS	FLT DK, FWD, AFT OR MID CABIN TEMP, R PACK TEMP	31-41-04 (SH 1)	21-60-XX	PERF	ANY EXCD OF: N1, N2 OR EGT VIBRATION OIL PRESS QTY OR TEMP	31-41-02 (SH 2)	77-00-01
ELEC	L GEN DRIVE R GEN DRIVE	31-41-04 (SH 1)	24-11-01	APU	APU FAULT	31-41-04 (SH 4)	49-00-04
	LR IDG OIL TEMP IDG RISE TEMP	31-41-05 (SH 1)	24-11-01		APU OIL QTY	31-41-05 (SH 3)	49-00-02
HYD	L, C, R HYD SYS PRESS L, C, R HYD QTY L, R PRIM HYD OVHT C HYD 1, 2 OVHT L, C, R DEM HYD OVHT	31-41-04 (SH 2)	29-00-0X				

NOTES:

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275-276

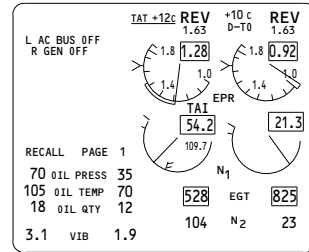
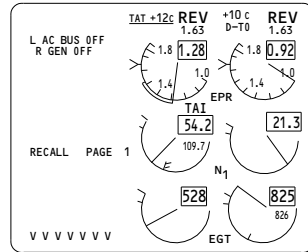
## ENGINE INDICATION & CREW ALERTING SYSTEM DISPLAYS

D280T232

# 31-41-07

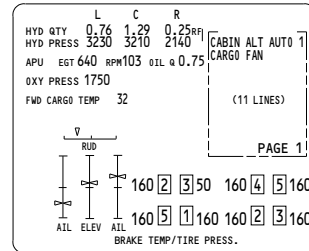
Page 102.1  
Sheet 1  
Jan 21/2005

## OPERATIONAL FORMATS



STATUS	B	EPCS	A	PAGE 1
21.3	TRA	54.2		
-9.3	SVA	12.4		
-12	BVA	102		
104.2	N <sub>2</sub> C	73.2		
-12	T <sub>2</sub>	12		
10.5	P <sub>2</sub>	9.2		
12.3	P <sub>2</sub>	11.3		
101.5	RP	-12.7		
79	SCAV	106		
7.9	P <sub>2</sub>	10.6		
-46	ADC	102		
-72	TCC	116		
OIL T YEL			AUTO EVENT	EGT RED

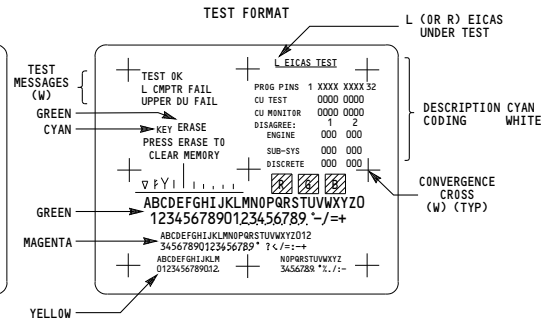
EPCS PAGE 1



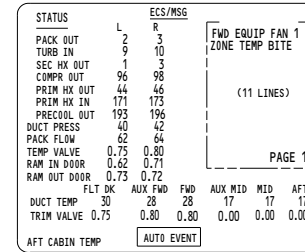
STATUS

STATUS	A	EPCS	B	PAGE 2
0A1B	146	181D		
ABDF	270	010A		
A19D	271	1A9D		
20F1	272	51F4		
6721	273	6721		
6721	275	9821		

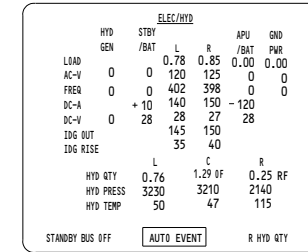
EPCS PAGE 2



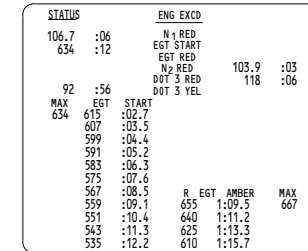
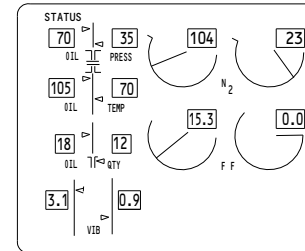
## MAINTENANCE FORMATS



AUTO. EVENT MESSAGE ENVIRONMENTAL CONTROL SYSTEM/ MESSAGE



ELECTRICAL/HYDRAULIC



STATUS	A	EPCS	B	PAGE 2
0A1B	146	181D		
ABDF	270	010A		
A19D	271	1A9D		
20F1	272	51F4		
6721	273	6721		
6721	275	9821		

CONFIGURATION/MCDP

STATUS	A	EPCS	B	PAGE 2
0A1B	146	181D		
ABDF	270	010A		
A19D	271	1A9D		
20F1	272	51F4		
6721	273	6721		
6721	275	9821		

PERFORMANCE/APU

APU AUTO. EVENT MESSAGE ENGINE AUTO. EVENT MESSAGE

NOTES:

NOT ALL PARAMETERS SHOWN WHEN "PARTIAL",

275-276

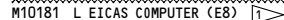
## ENGINE INDICATION & CREW ALERTING SYSTEM DISPLAYS

Incorporates  
32-0085

D280T232

31-41-07

Page 102.1  
Sheet 2  
Jan 21/2005



## TABLE 1 DISPLAY FORMAT SELECTION

TABLE 2 AUTO-EVENTS

NOTES:

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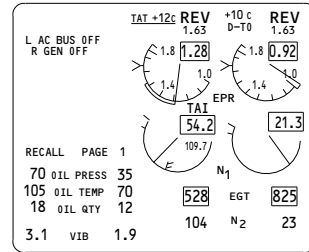
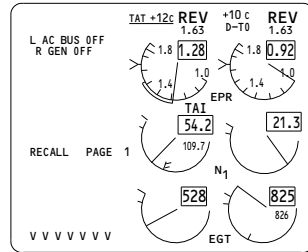
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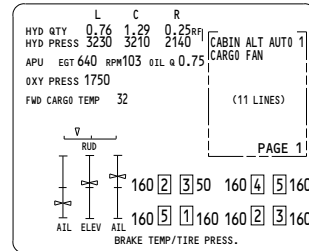
6 ALERT MESSAGES RESET FOR 5 SECONDS, REVERTS TO COMPACTED-FULL ON OPERATING DISPLAY AFTER DU FAILURE.

## OPERATIONAL FORMATS



STATUS	B	EPCS	A	PAGE 1
21.3	TRA	54.2		
-9.3	SVA	12.4		
-12	BVA	102		
104.2	N <sub>2</sub> C	73.2		
-12	T <sub>2</sub>	12		
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12.3	P <sub>2</sub>	11.3		
101.5	RP	-12.7		
79	SCAV	106		
7.9	P <sub>2</sub>	10.6		
-46	ADC	102		
-72	TCC	116		
OIL T YEL				

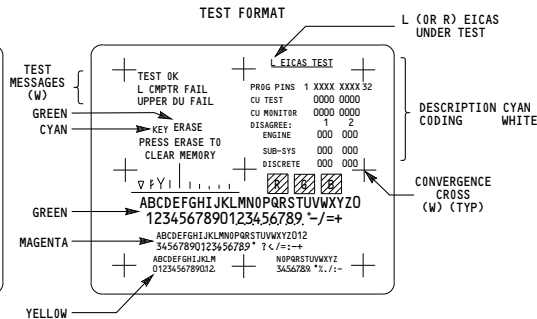
EPCS PAGE 1



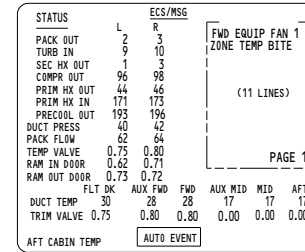
STATUS

STATUS	A	EPCS	B	PAGE 2
0A1B	146	181D		
ABDF	270	010A		
A19D	271	1A9D		
20F1	272	51F4		
6721	273	6721		
6721	275	9821		

EPCS PAGE 2



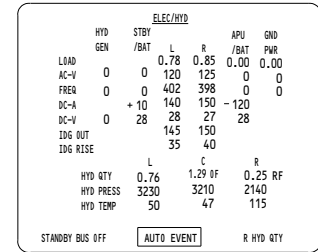
## MAINTENANCE FORMATS



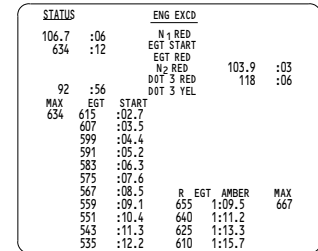
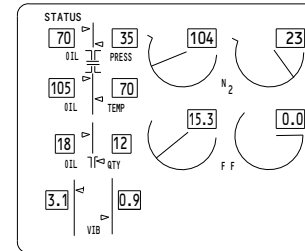
AUTO EVENT MESSAGE

ENVIRONMENTAL CONTROL SYSTEM/MESSAGE

ELECTRICAL AUTO EVENT MESSAGE



HYDRAULIC AUTO EVENT MESSAGE



STATUS	A	EPCS	B	PAGE 2
0A1B	146	181D		
ABDF	270	010A		
A19D	271	1A9D		
20F1	272	51F4		
6721	273	6721		
6721	275	9821		

CONFIGURATION/MCDP

STATUS	A	EPCS	B	PAGE 2
0A1B	146	181D		
ABDF	270	010A		
A19D	271	1A9D		
20F1	272	51F4		
6721	273	6721		
6721	275	9821		

PERFORMANCE/APU

APU AUTO EVENT MESSAGE

ENGINE AUTO EVENT MESSAGE

NOTES:  
 7 NOT ALL PARAMETERS SHOWN WHEN "PARTIAL",

275-276

## ENGINE INDICATION & CREW ALERTING SYSTEM DISPLAYS

Incorporates  
 32-0085  
 SL-31-030-A

D280T232

31-41-07

Page 102.2  
 Sheet 2  
 Jan 21/2005



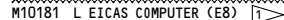
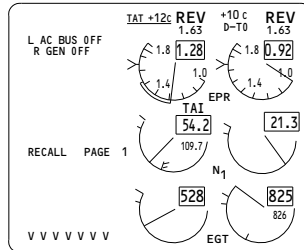


TABLE 1 DISPLAY FORMAT SELECTION

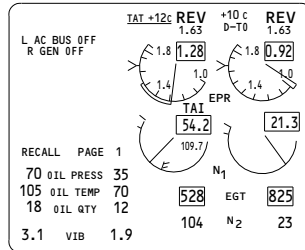
TABLE 2 AUTO-EVENTS

NOTES:

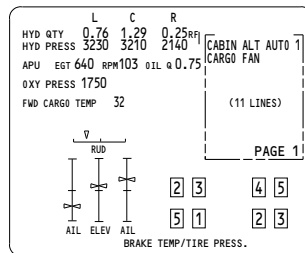
OPERATIONAL FORMATS



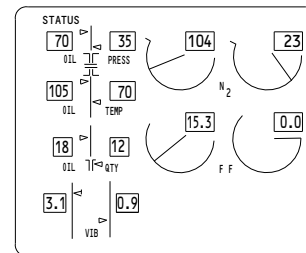
PRIMARY  
(WITH ALERT MESSAGES  
AND ENG SEC DATA CUE)



COMPACTED  
(FULL)

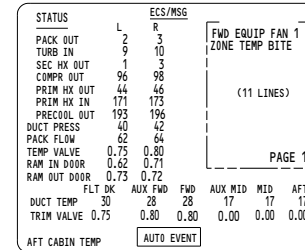


STATUS

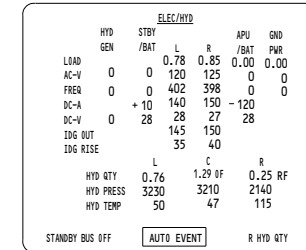


SECONDARY  
(FULL)

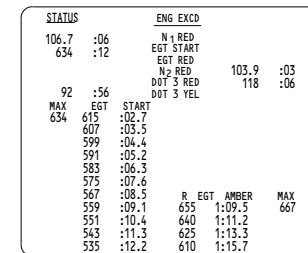
MAINTENANCE FORMATS



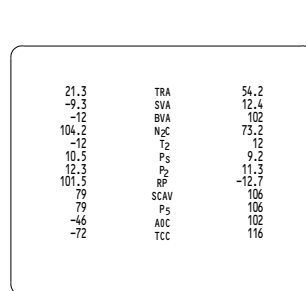
AUTO. EVENT  
MESSAGE  
ENVIRONMENTAL CONTROL SYSTEM/  
MESSAGE



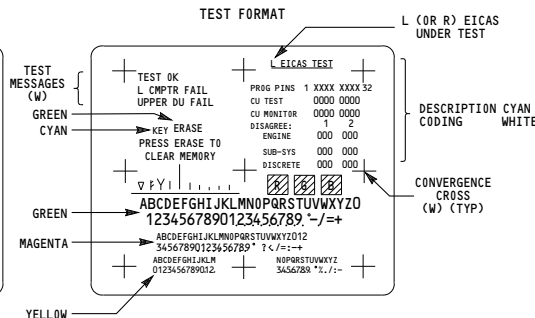
ELECTRICAL  
AUTO. EVENT  
MESSAGE  
OR  
MAN EVENT  
(BLANK FOR REAL TIME DATA)  
ELECTRICAL/HYDRAULIC  
HYDRAULIC  
AUTO. EVENT  
MESSAGE



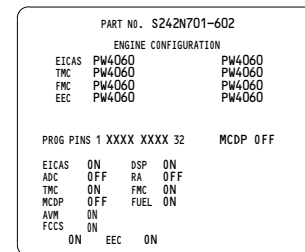
ENGINE EXCEEDANCES



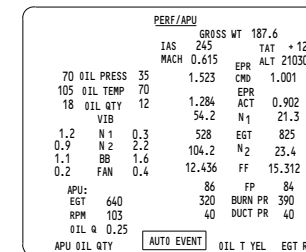
EPCS



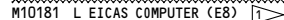
NOTES:  
7 NOT ALL PARAMETERS SHOWN WHEN "PARTIAL",



CONFIGURATION/MCDP



APU  
AUTO. EVENT  
MESSAGE  
PERFORMANCE/APU  
ENGINE  
AUTO. EVENT  
MESSAGE



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TABLE 2 AUTO-EVENTS

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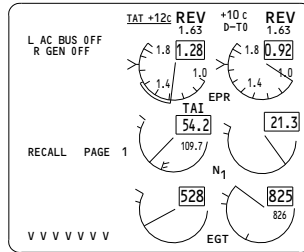
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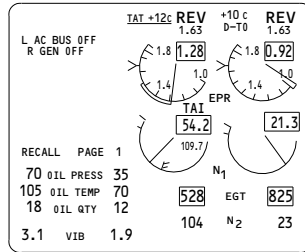
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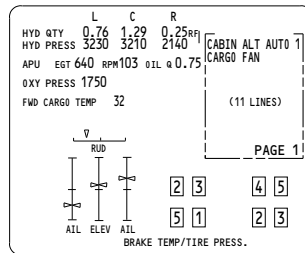
**OPERATIONAL FORMATS**



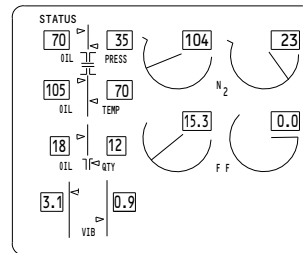
**PRIMARY  
(WITH ALERT MESSAGES  
AND ENG SEC DATA CUE)**



**COMPACTED  
(FULL)**

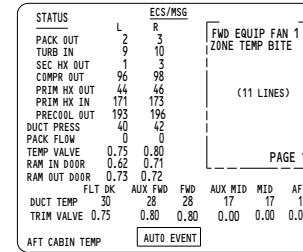


**STATUS**

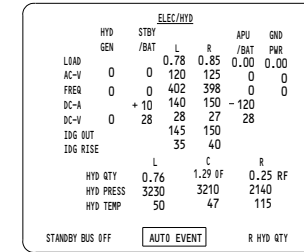


**SECONDARY  
(FULL)**

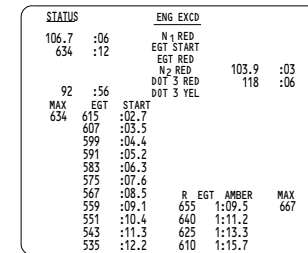
**MAINTENANCE FORMATS**



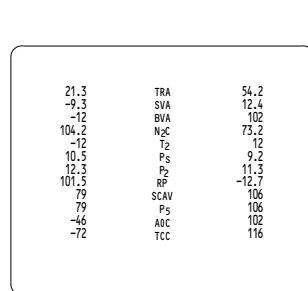
**ENVIRONMENTAL CONTROL SYSTEM/  
MESSAGE**



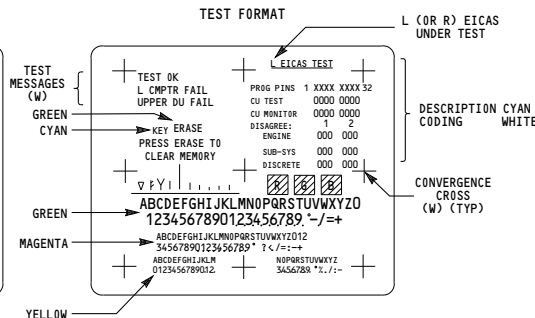
**ELECTRICAL/HYDRAULIC  
AUTO EVENT MESSAGE**



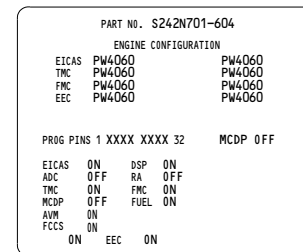
**ENGINE EXCEEDANCES**



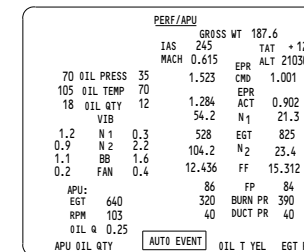
**EPCS**



**L (OR R) EICAS  
UNDER TEST**



**CONFIGURATION/MCDP**



**PERFORMANCE/APU**

NOTES:  
7 NOT ALL PARAMETERS SHOWN WHEN "PARTIAL"

277-278

**ENGINE INDICATION & CREW  
ALERTING SYSTEM DISPLAYS**

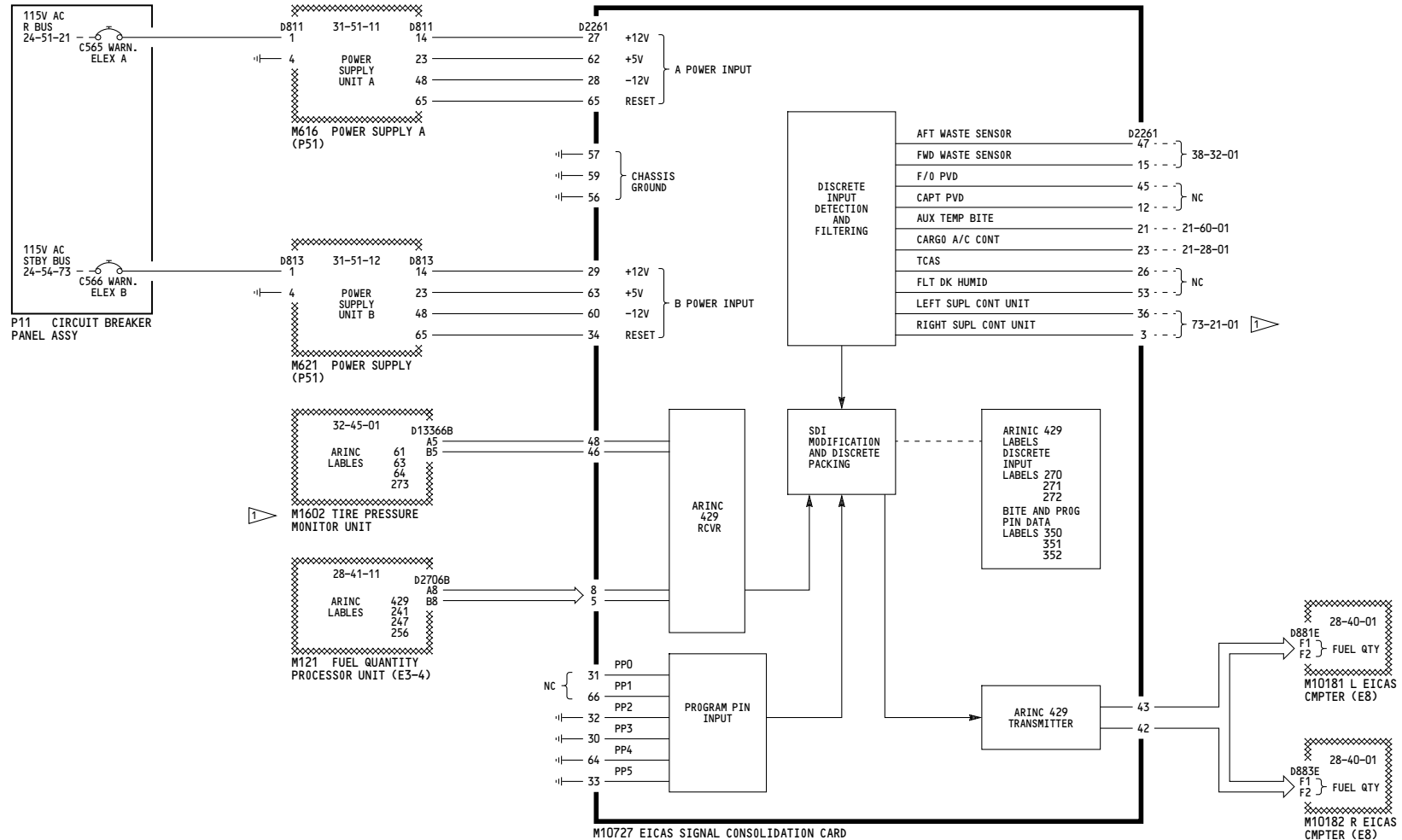
Incorporates  
SL-31-030-A

D280T232

**31-41-07**

Page 103.1  
Sheet 2  
Jan 21/2005

609



NOTES:  
1 VN156-VN170

050-099, 150-199

**ENGINE INDICATION & CREW  
ALERTING SYSTEM SIGNAL  
CONSOLIDATION**

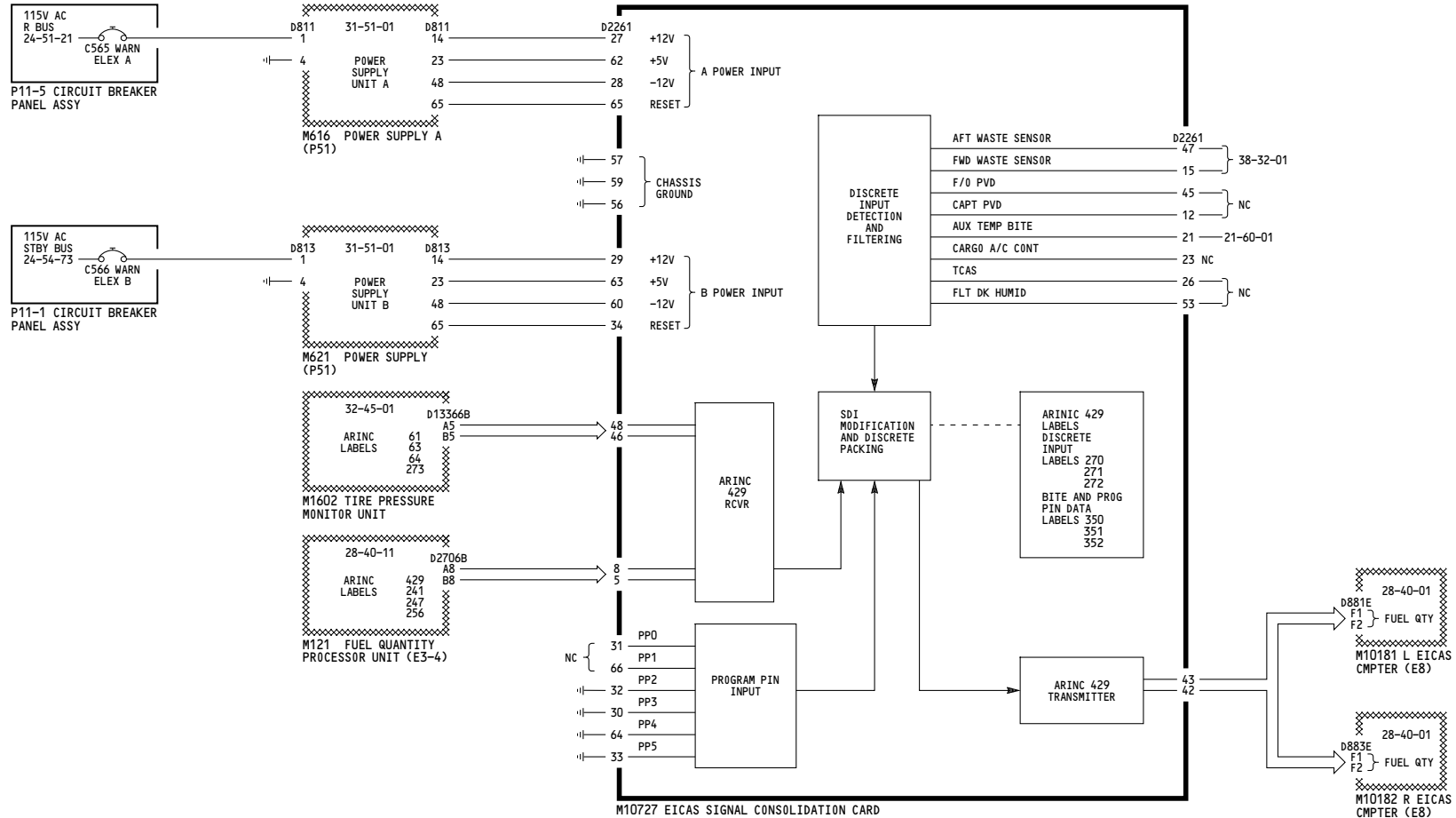
D280T232

**31-41-08**

Page 101

Jan 21/2005

617



275-276

**ENGINE INDICATION & CREW  
ALERTING SYSTEM SIGNAL  
CONSOLIDATION**

D280T232

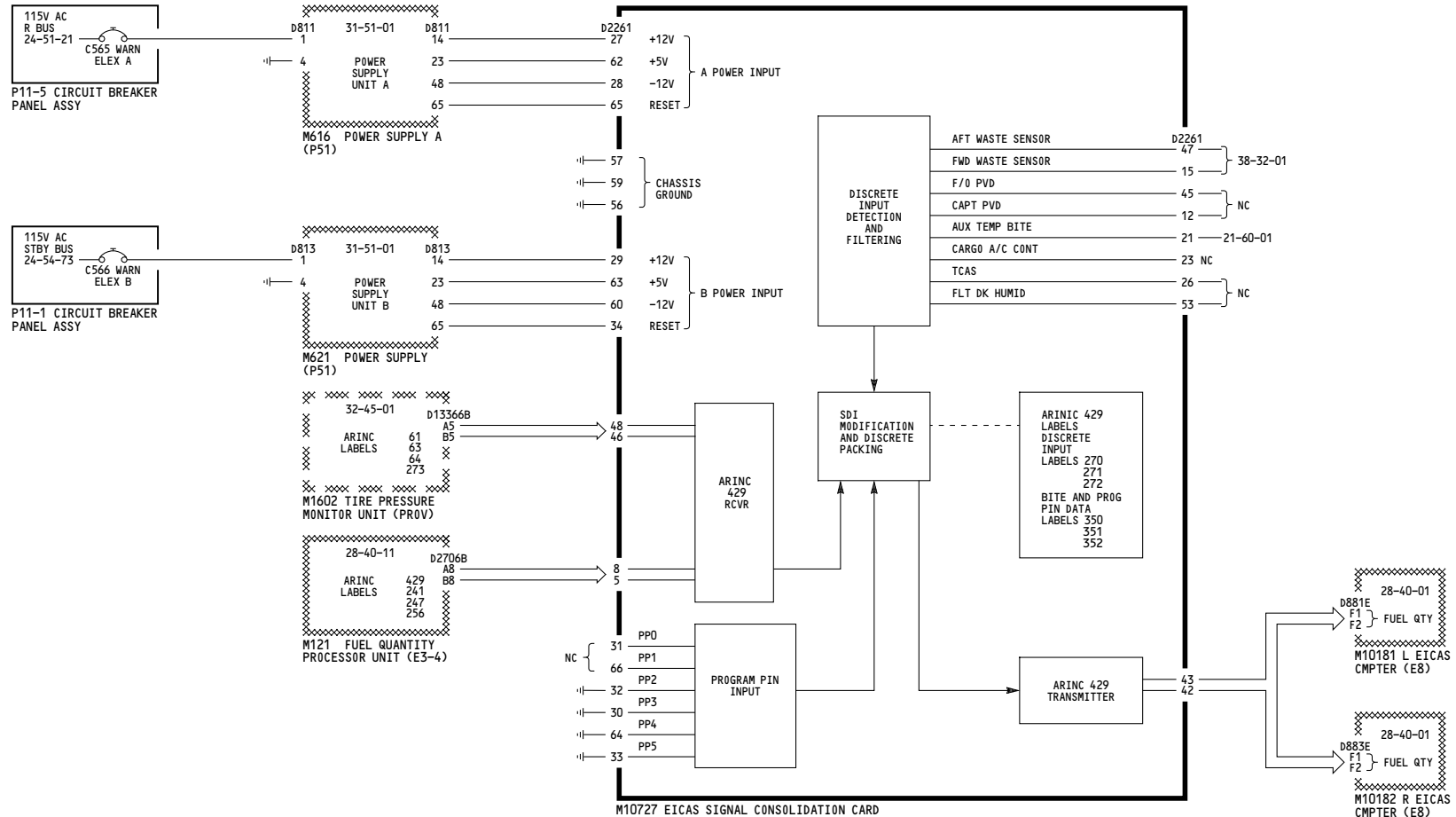
Incorporates  
32-0085

**31-41-08**

Page 102.1

Jan 21/2005

607



277-278

## ENGINE INDICATION & CREW ALERTING SYSTEM SIGNAL CONSOLIDATION

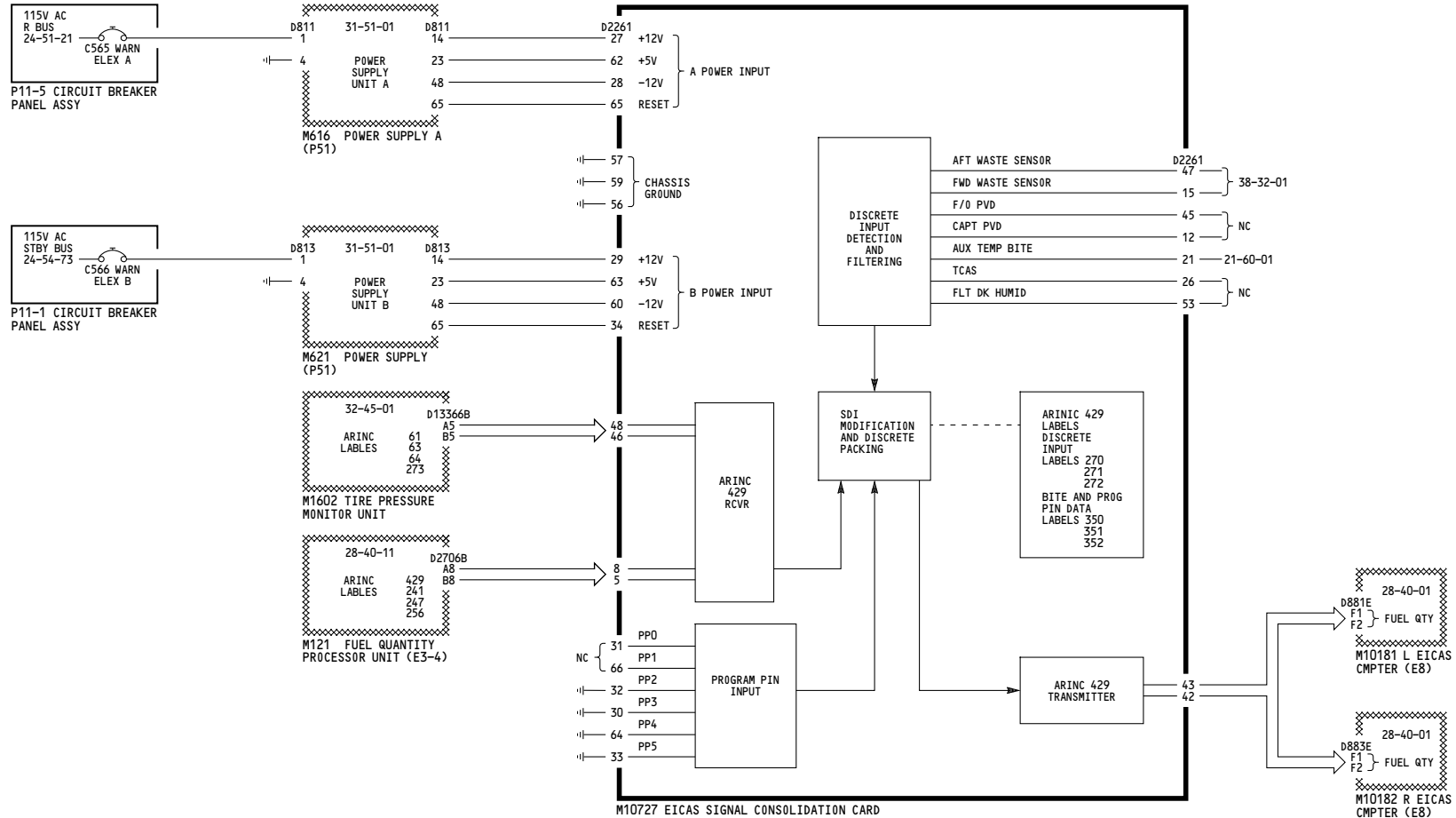
D280T232

**31-41-08**

Page 103

Jan 21/2005

612



280-299

## ENGINE INDICATION & CREW ALERTING SYSTEM SIGNAL CONSOLIDATION

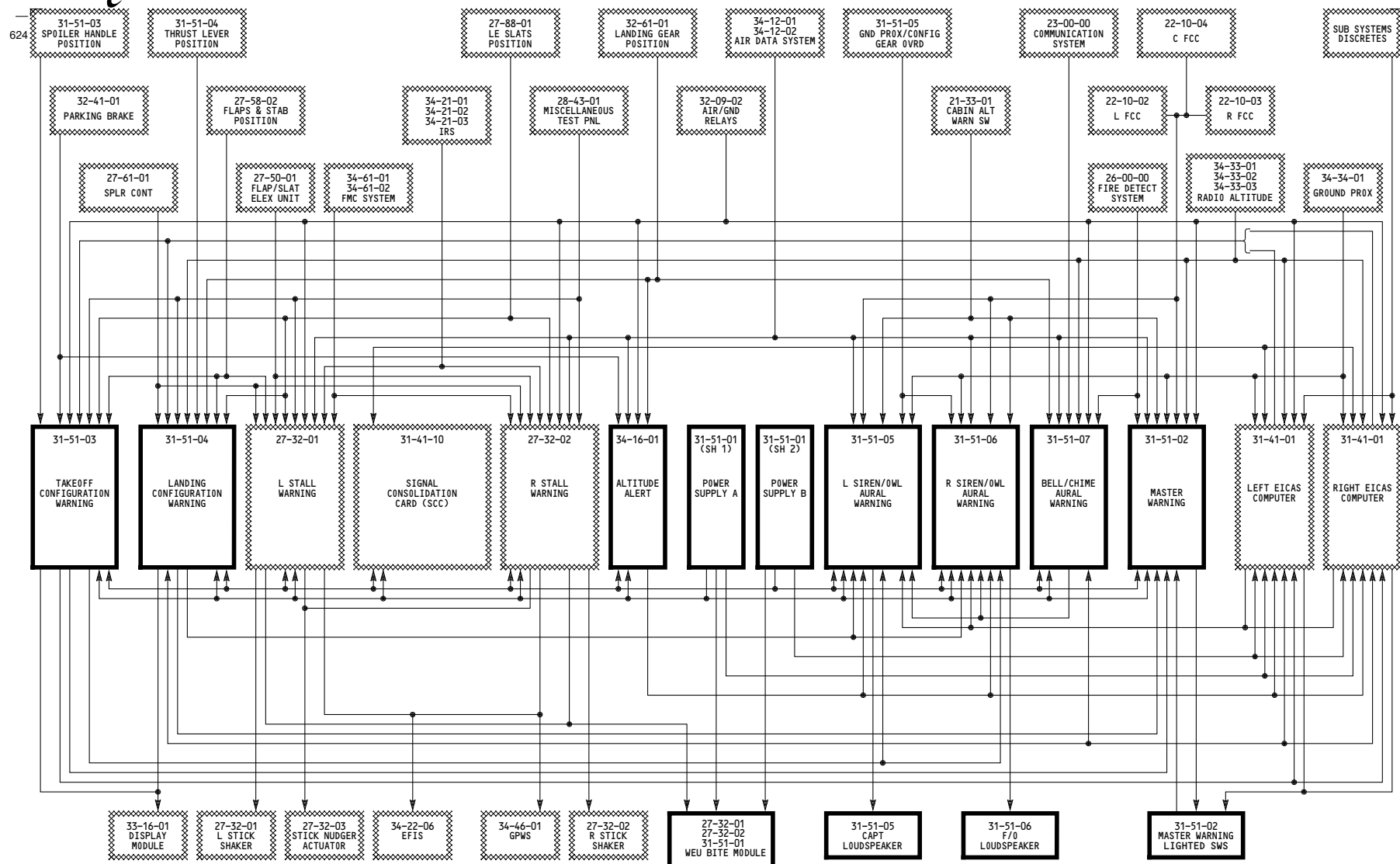
D280T232

31-41-08

Page 104

Jan 21/2005





ALL

**WARNING-SIMPLIFIED**

**31-51-00**

Page 101

Jan 21/2005

D280T232

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WIRING DIAGRAMS
31-51-11



NOTES:

- 1 BOLTED TO P51 WHICH PROVIDES GROUND PATH
- 2 YELLOW INDICATES FAULT  
BLACK INDICATES RESET

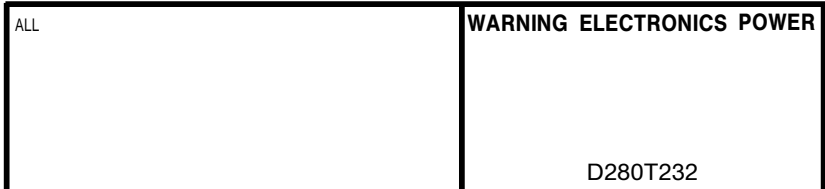
ALL

**WARNING ELECTRONICS POWER**

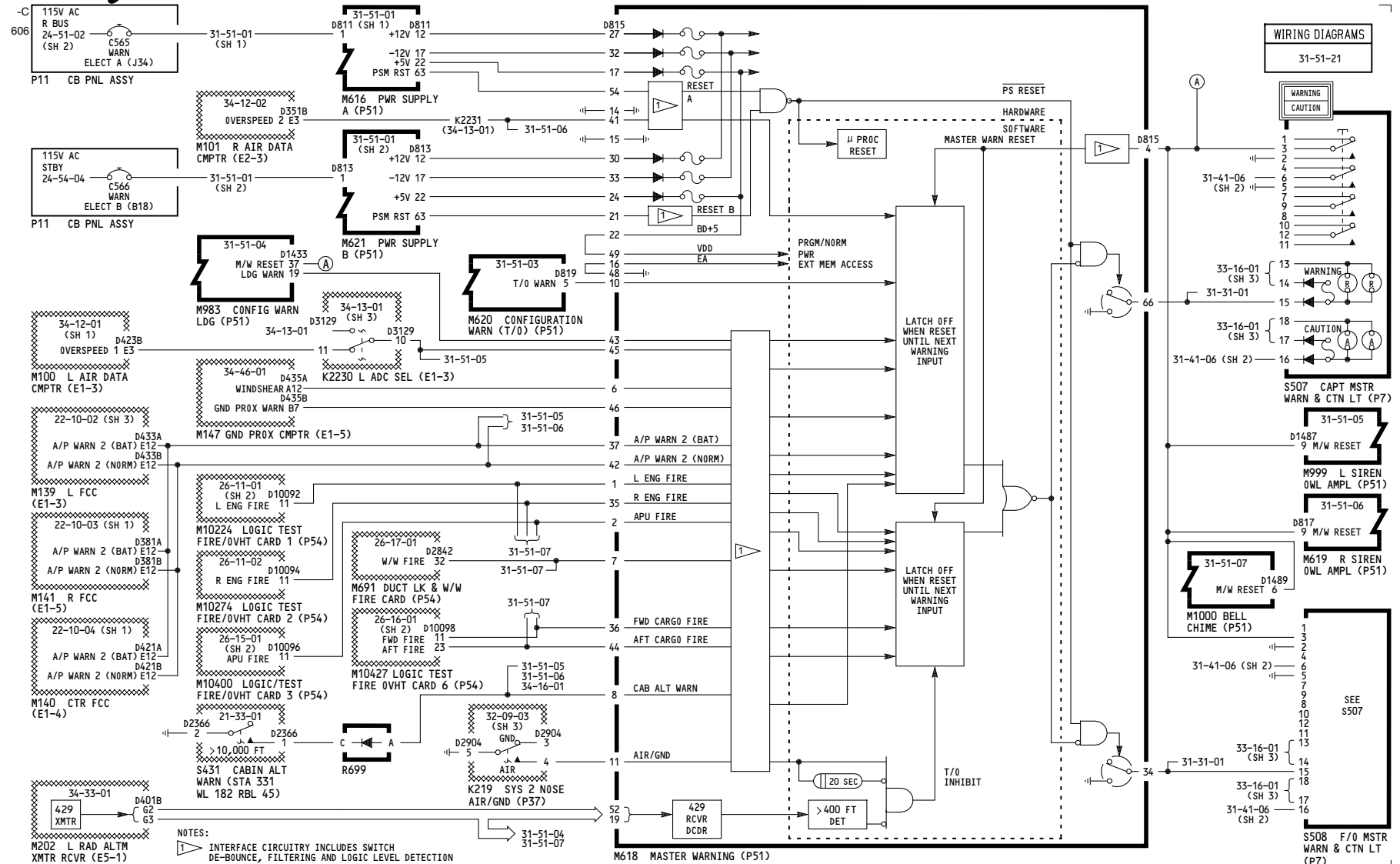
D280T232



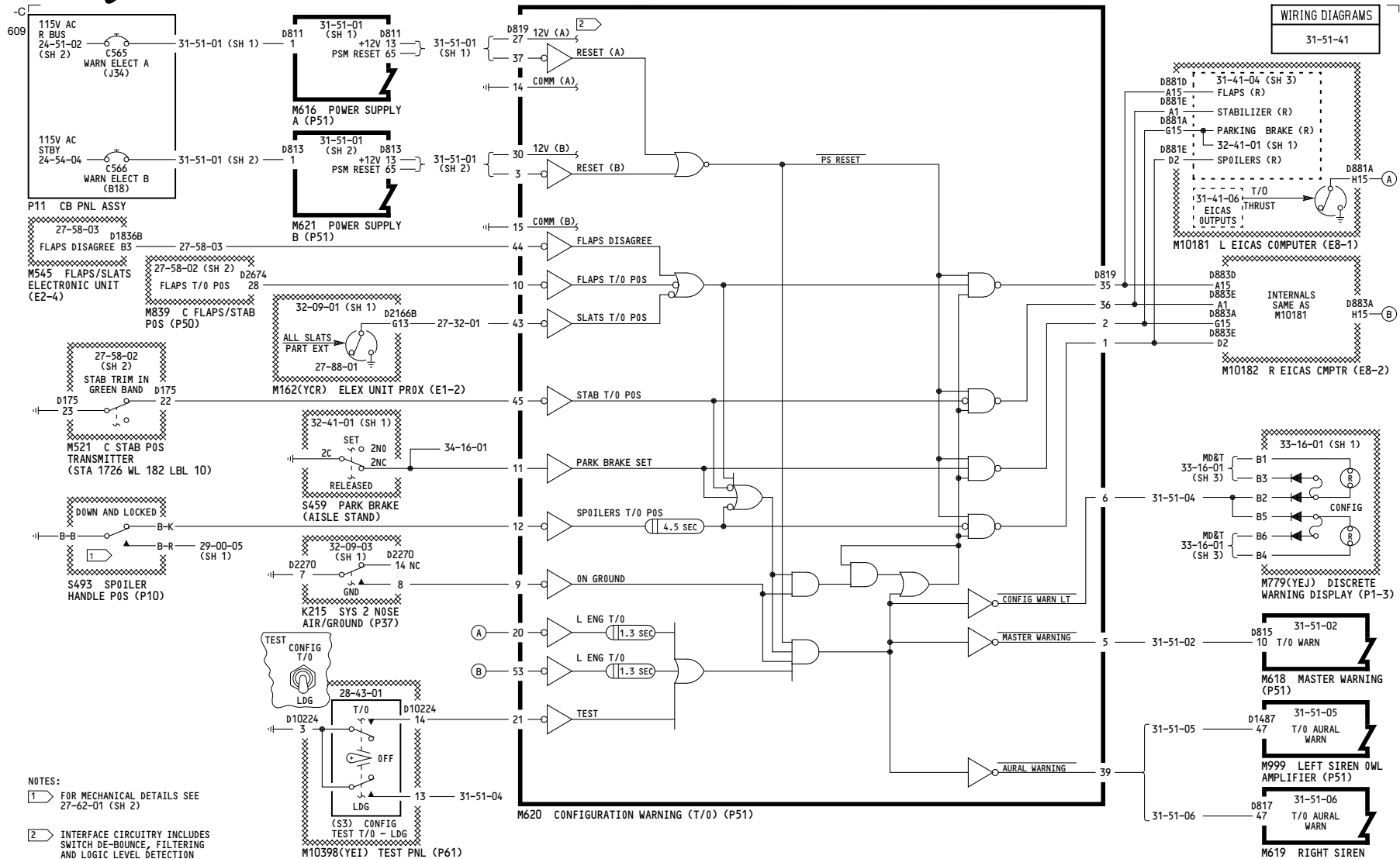
WIRING DIAGRAMS
31-51-12



Page 101  
Sheet 2  
Jan 21/2005



**31-51-02**



050-099

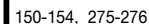
## TAKEOFF CONFIGURATION WARNING

D280T232

31-51-03

Page 101

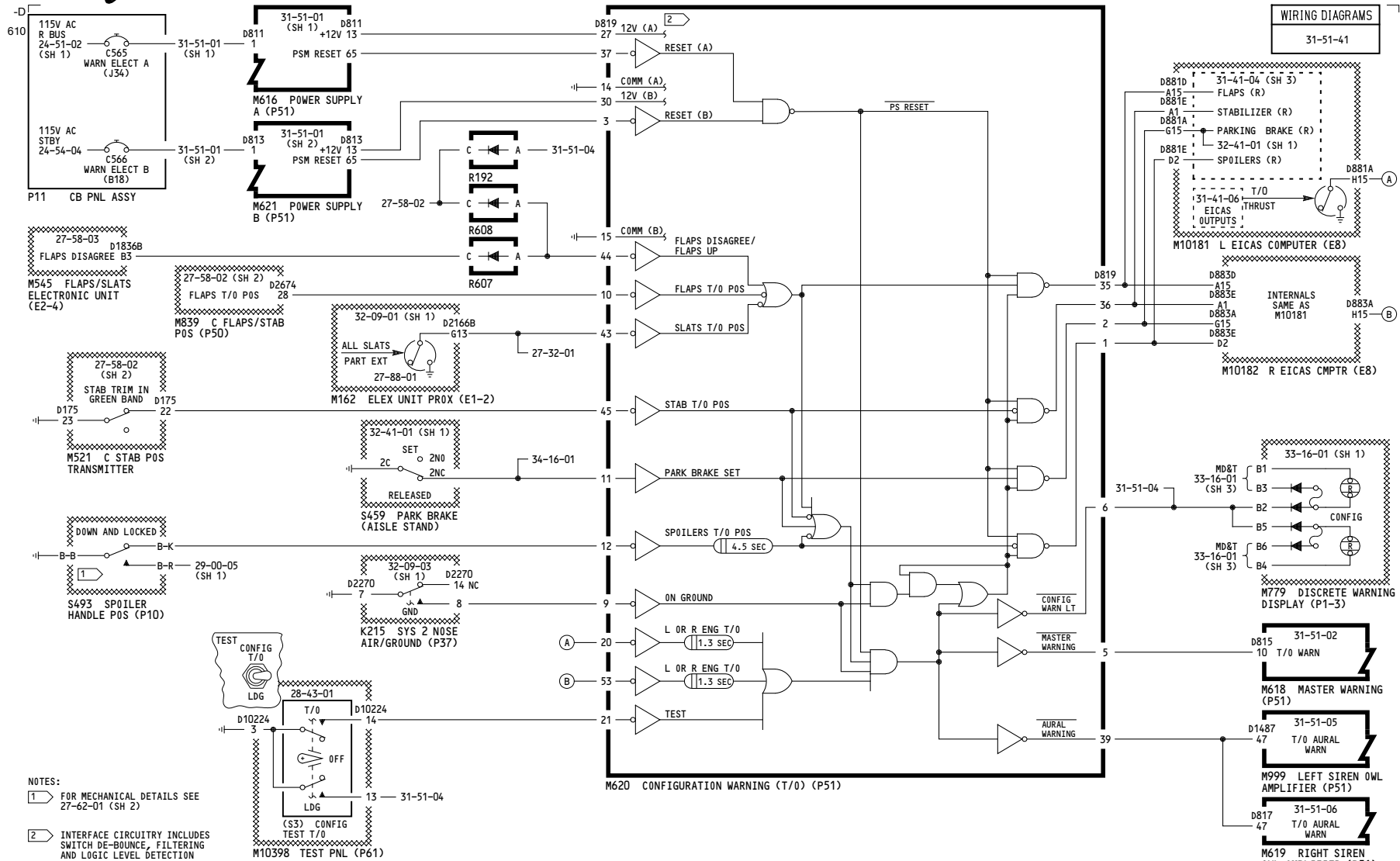
Jan 21/2005



## TAKEOFF CONFIGURATION WARNING

D280T232

**31-51-03**



155-199, 277-299

## TAKEOFF CONFIGURATION WARNING

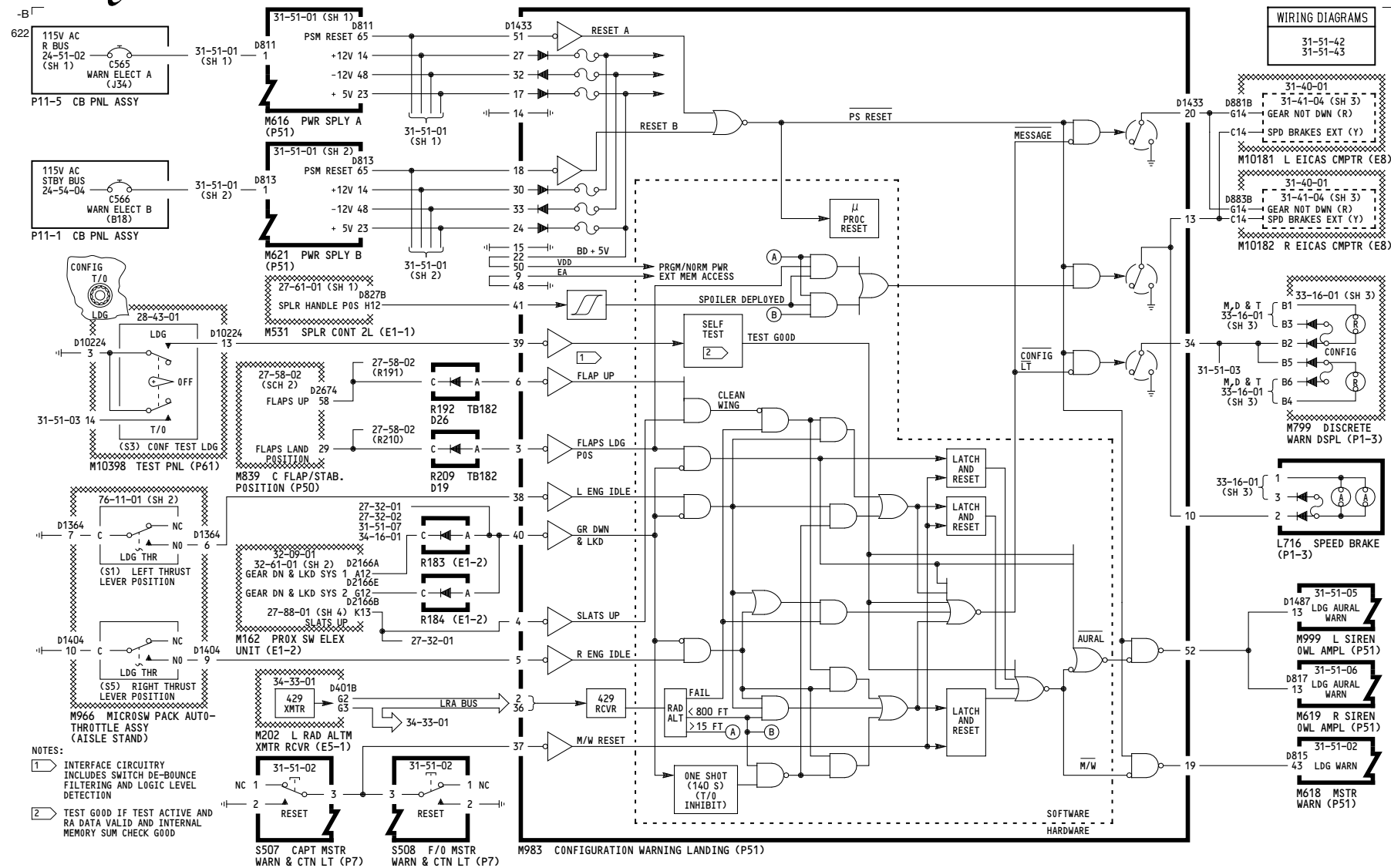
D280T232

### 31-51-03

Page 103

Jan 21/2005





050-099, 151

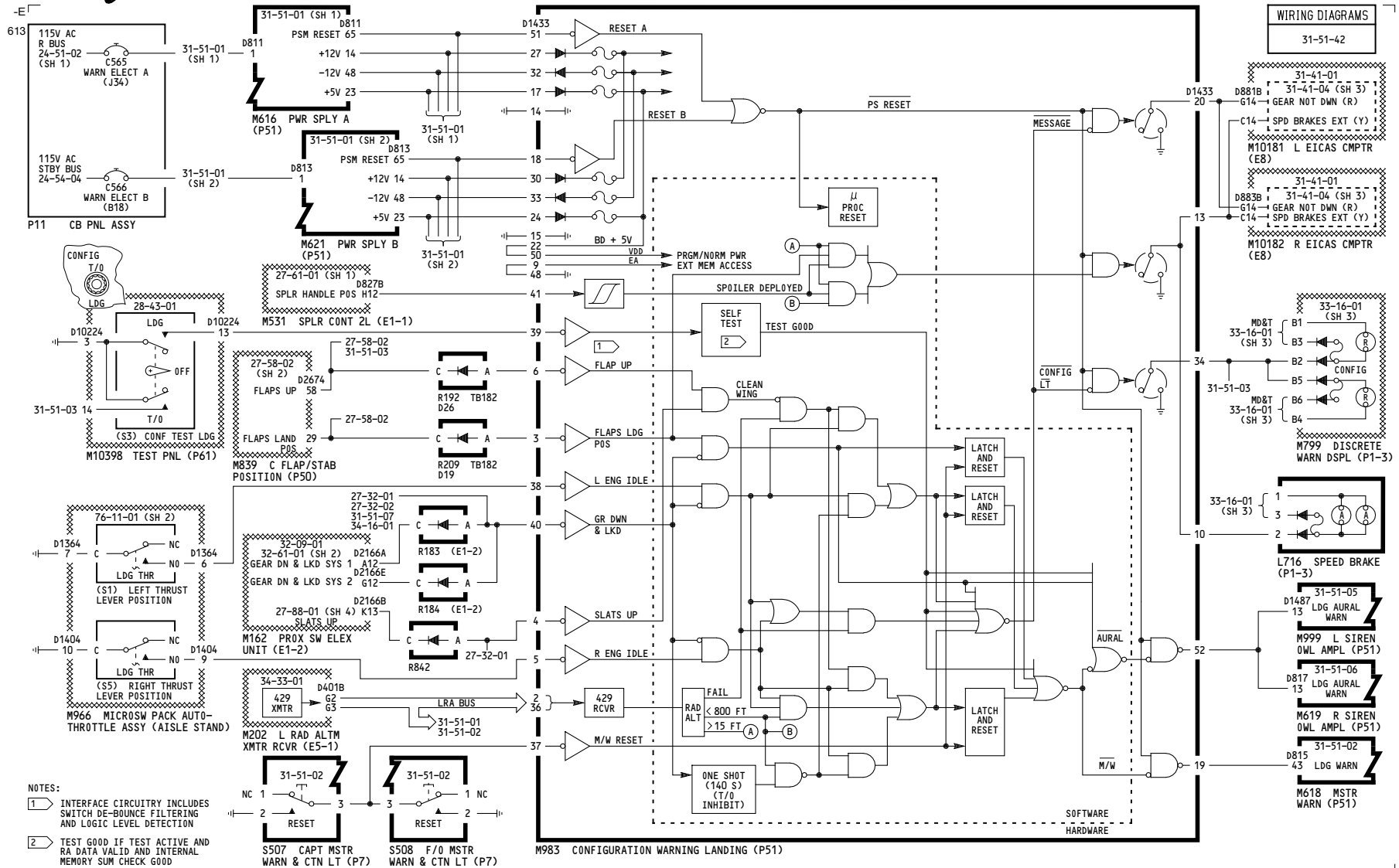
## LANDING CONFIGURATION WARNING

D280T232

**31-51-04**

Page 101

Mar 14/2007



150-167

## LANDING CONFIGURATION WARNING

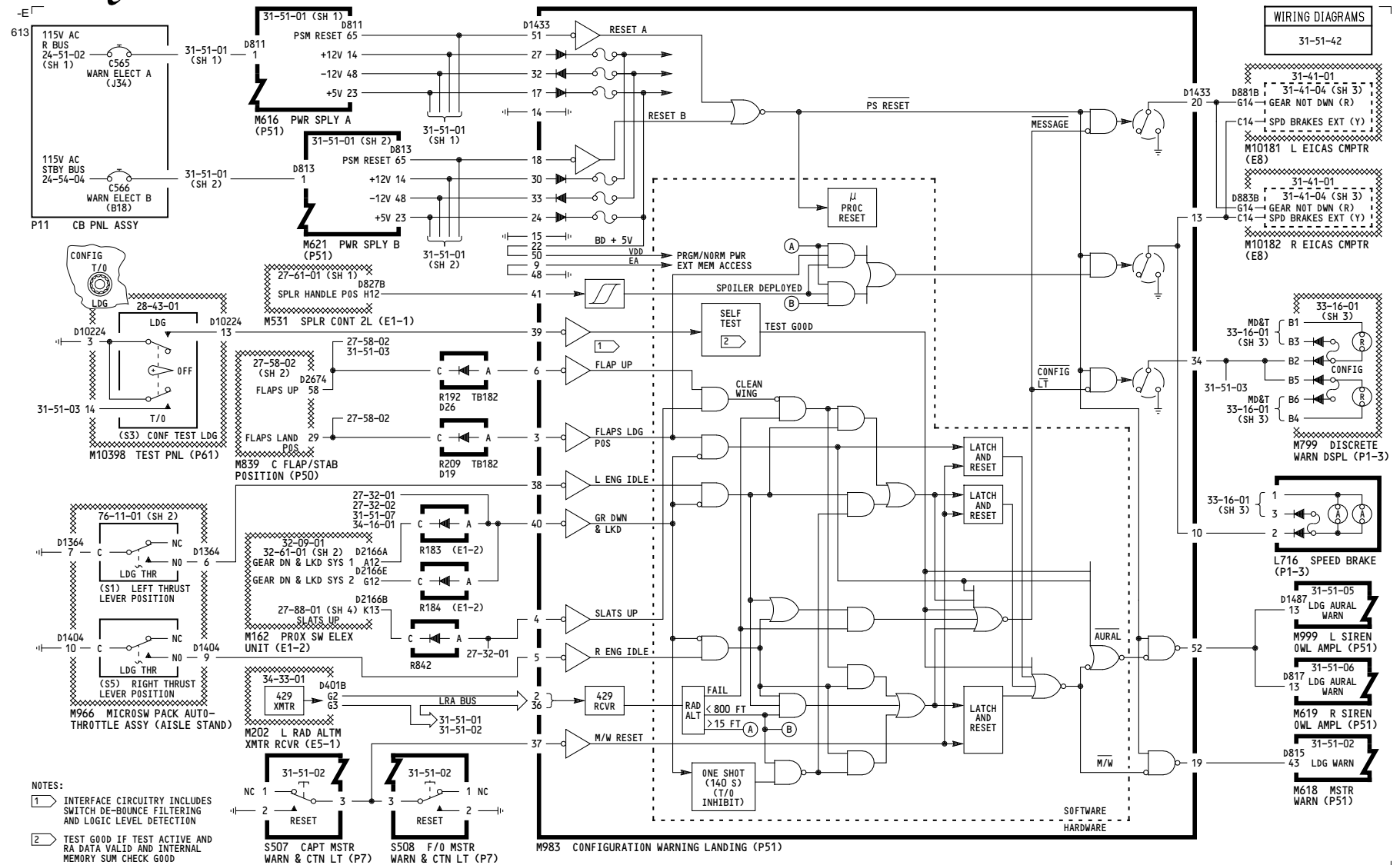
Incorporates  
▶ 27A0140 R02

**31-51-04**

Page 101.1

Mar 14/2007

D280T232



275-299

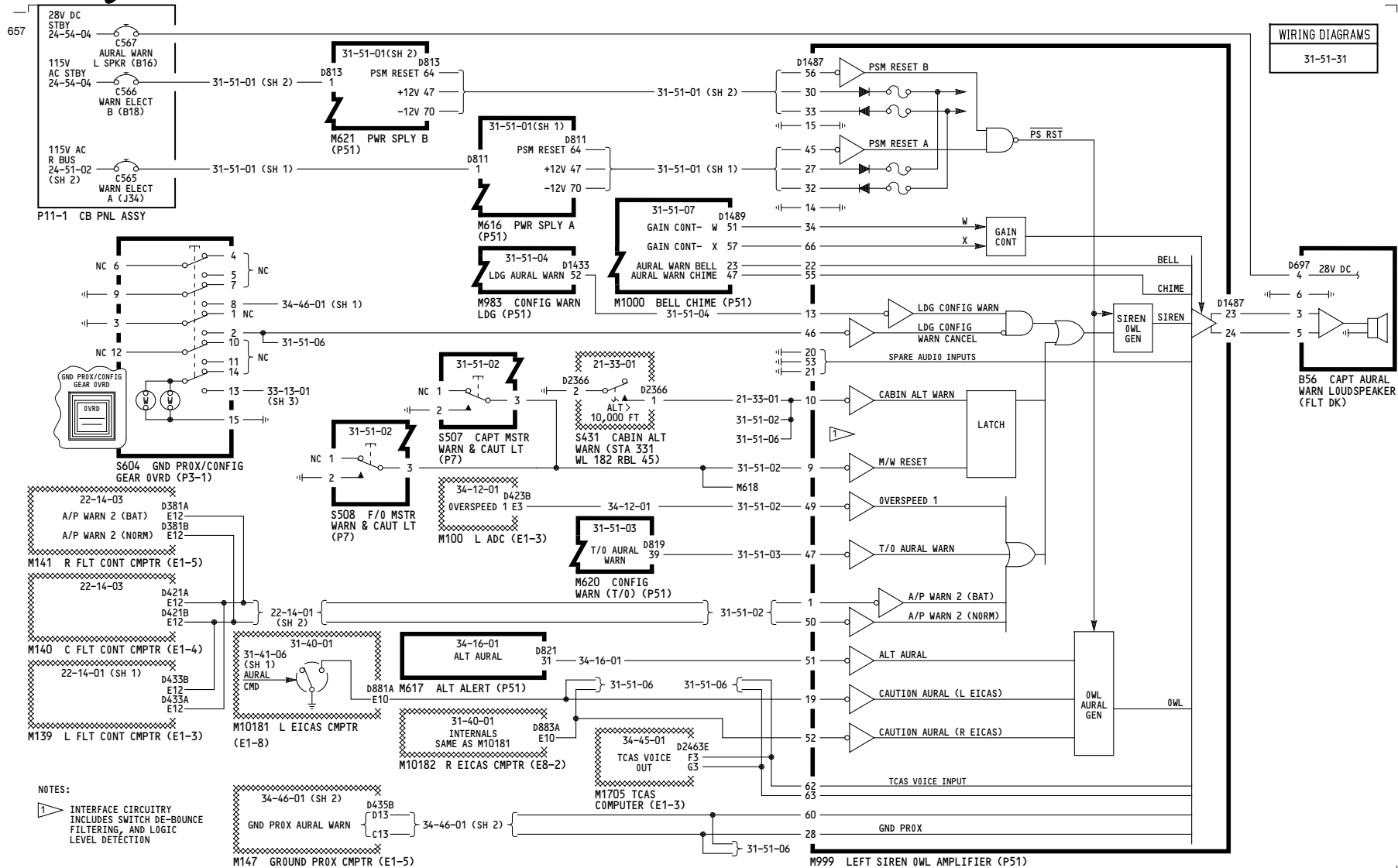
## LANDING CONFIGURATION WARNING

D280T232

**31-51-04**


Page 102

Mar 14/2007



050-152, 155-276

**SIREN/OWL AURAL WARNING-  
LEFT**

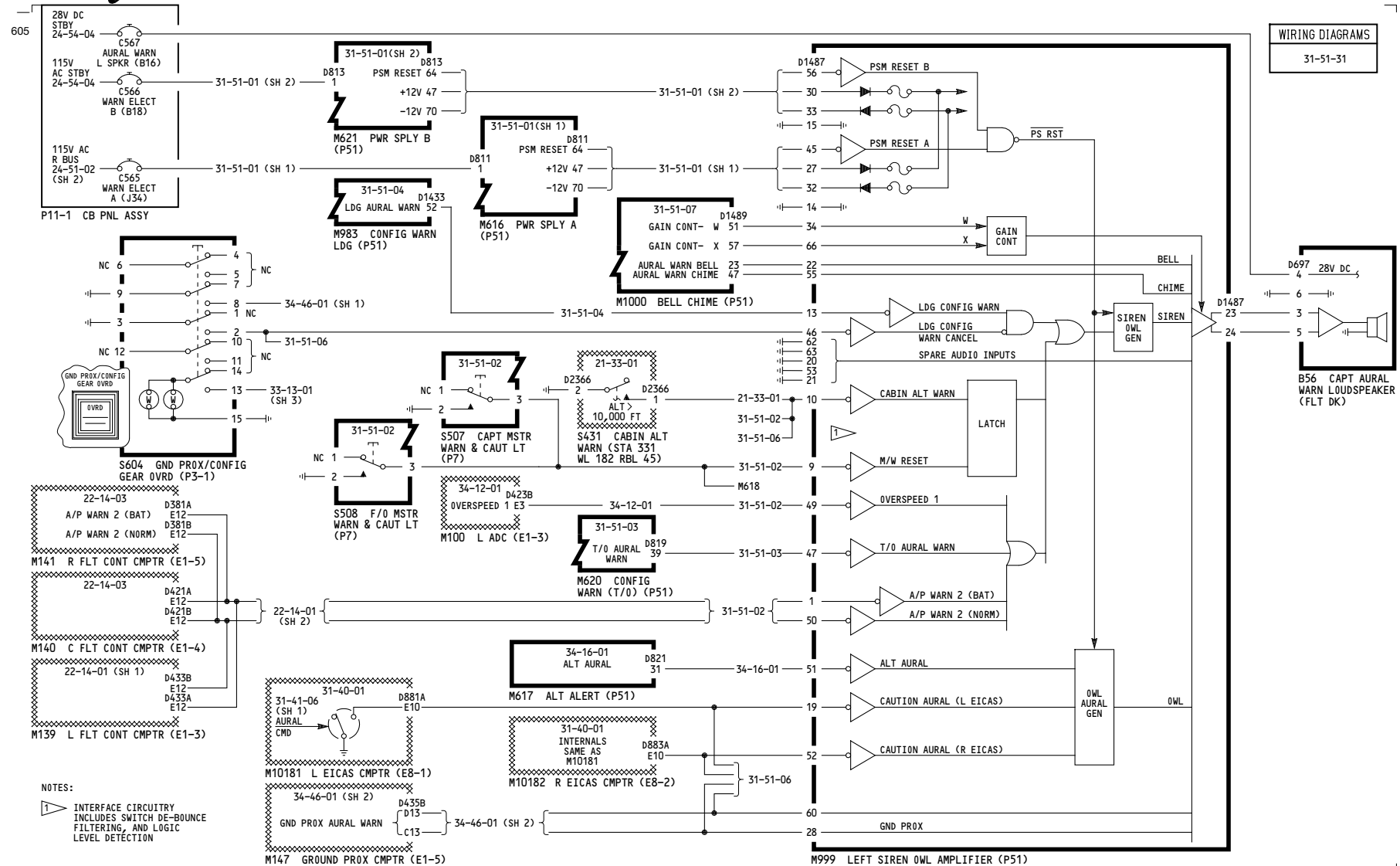
 Incorporates  
MTO 340652

D280T232

**31-51-05**

Page 101A

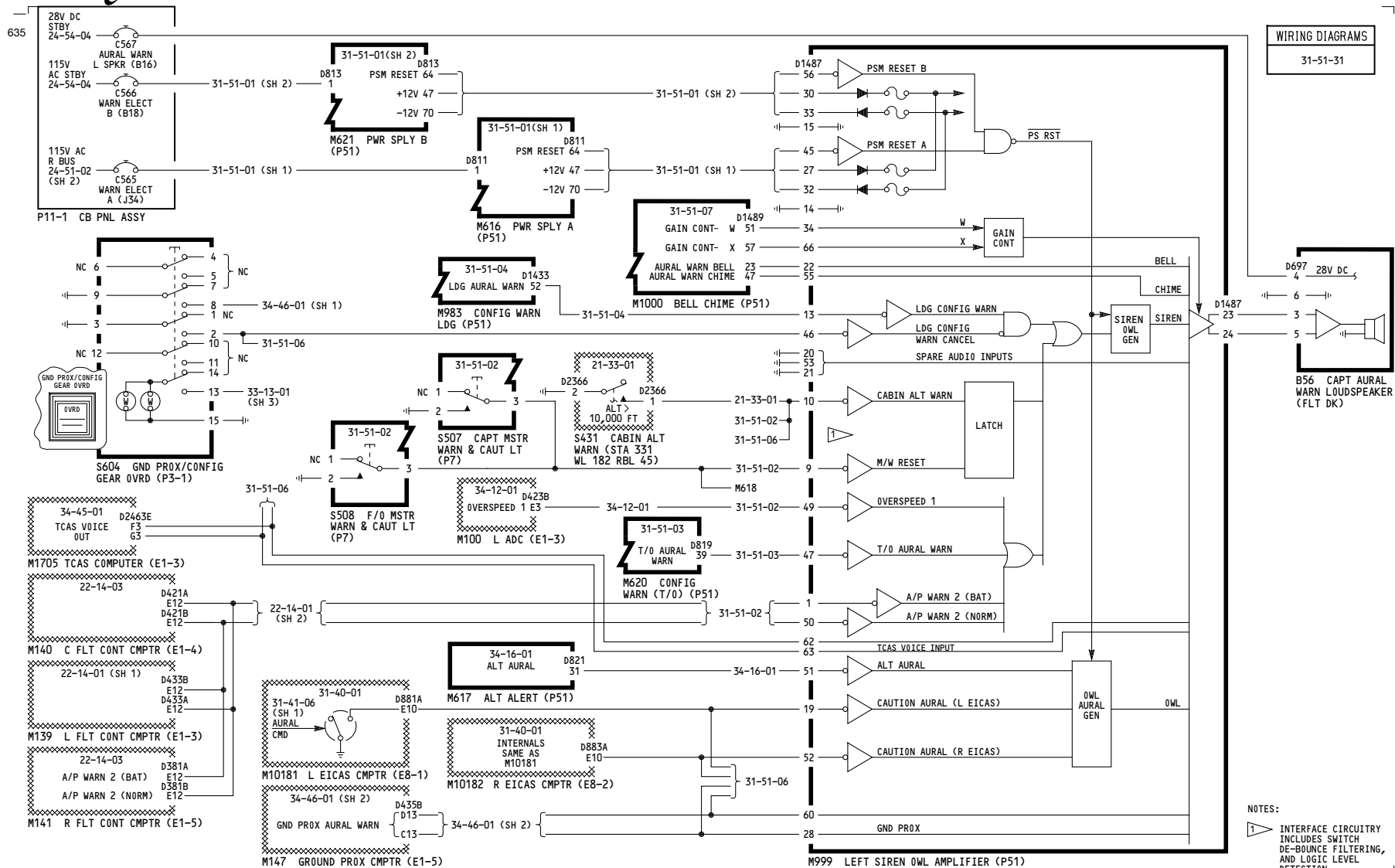
Jan 21/2005



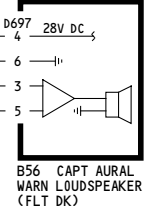
**31-51-05**

Page 102

Jan 21/2005



WIRING DIAGRAMS  
31-51-31



NOTES:  
1 INTERFACE CIRCUITRY INCLUDES SWITCH DE-BOUNCE FILTERING, AND LOGIC LEVEL DETECTION

153-154

## SIREN/OWL AURAL WARNING-LEFT

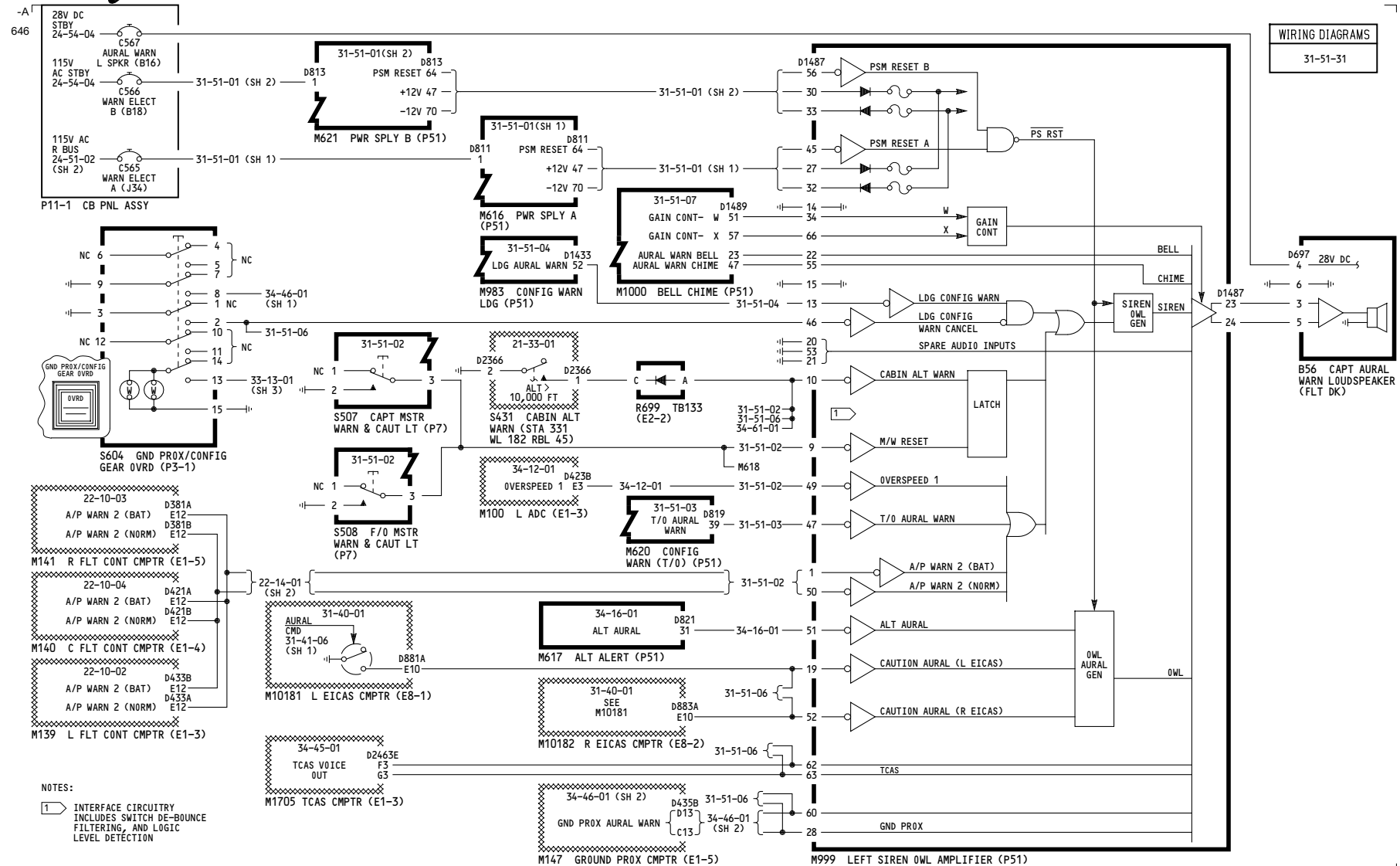
Incorporates  
34-0133

D280T232

### 31-51-05

Page 102.1

Jan 21/2005



277-280

**SIREN/OWL AURAL WARNING-  
LEFT**

D280T232

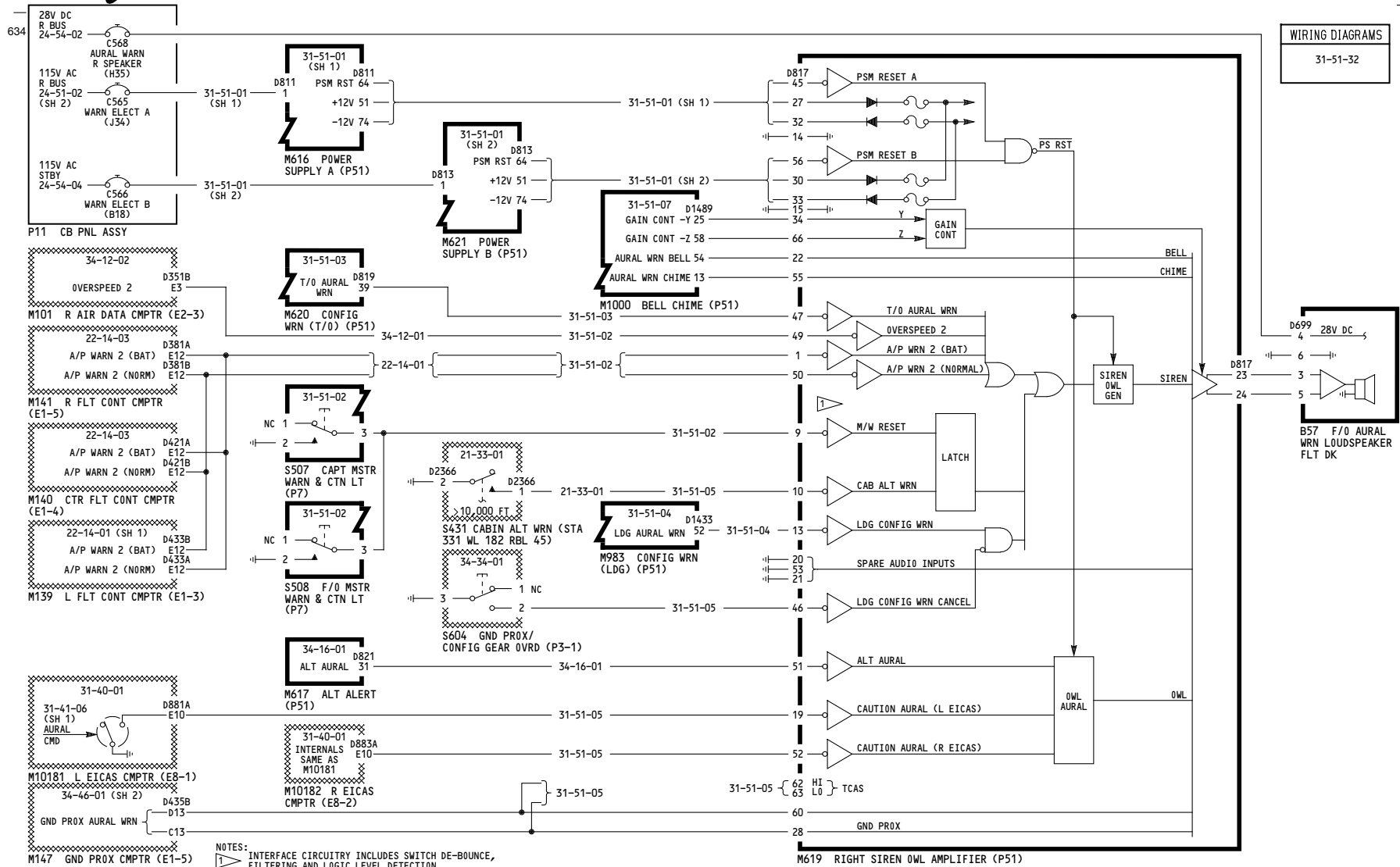
Incorporates

34-0131  
MTO 340652

**31-51-05**

Page 103.1A

Jan 21/2005



050-152, 155-280

**SIREN/OWL AURAL WARNING-  
RIGHT**

Incorporates  
▶ MTO 340652

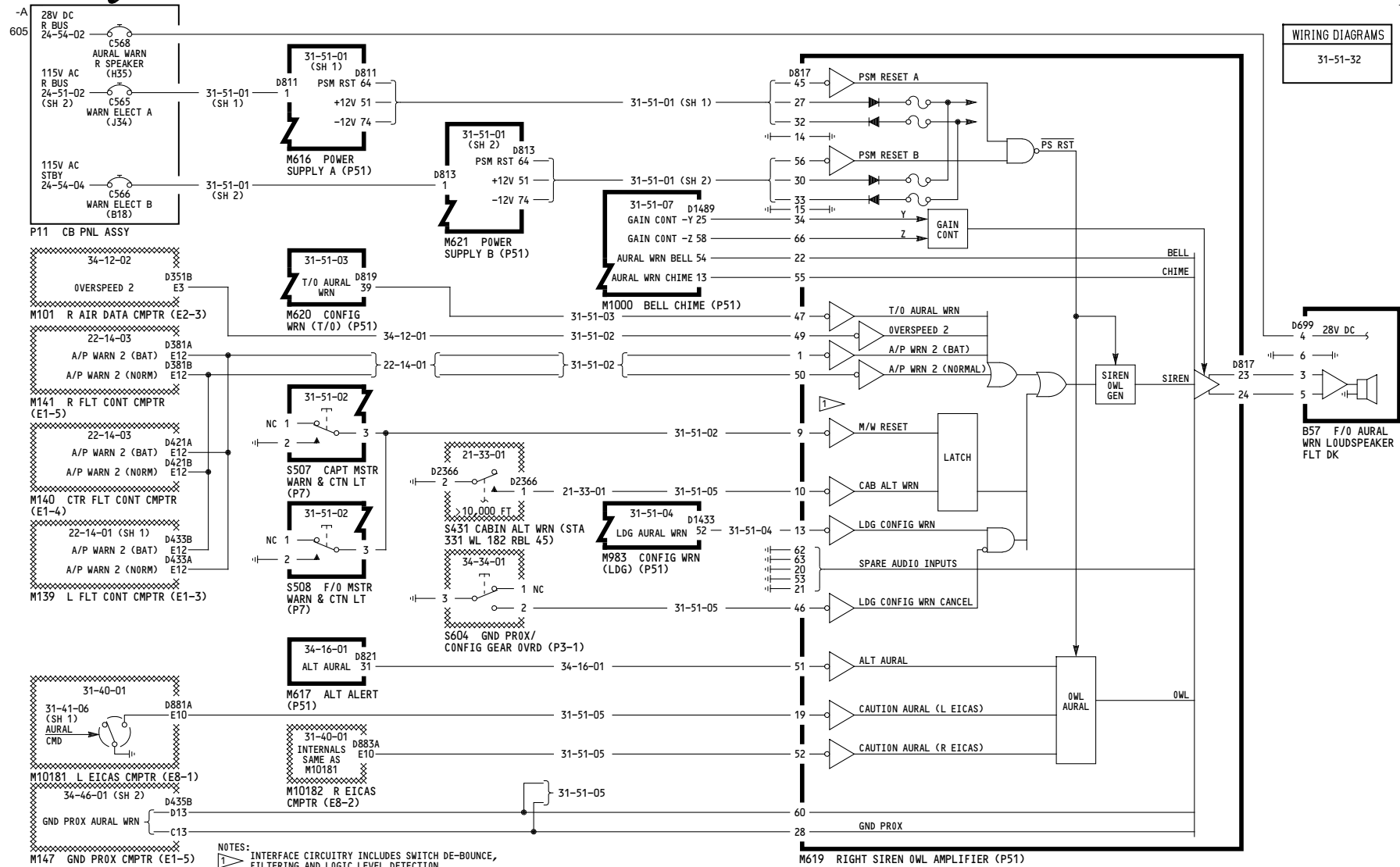
D280T232

**31-51-06**

Page 101A

Jan 21/2005





153-154

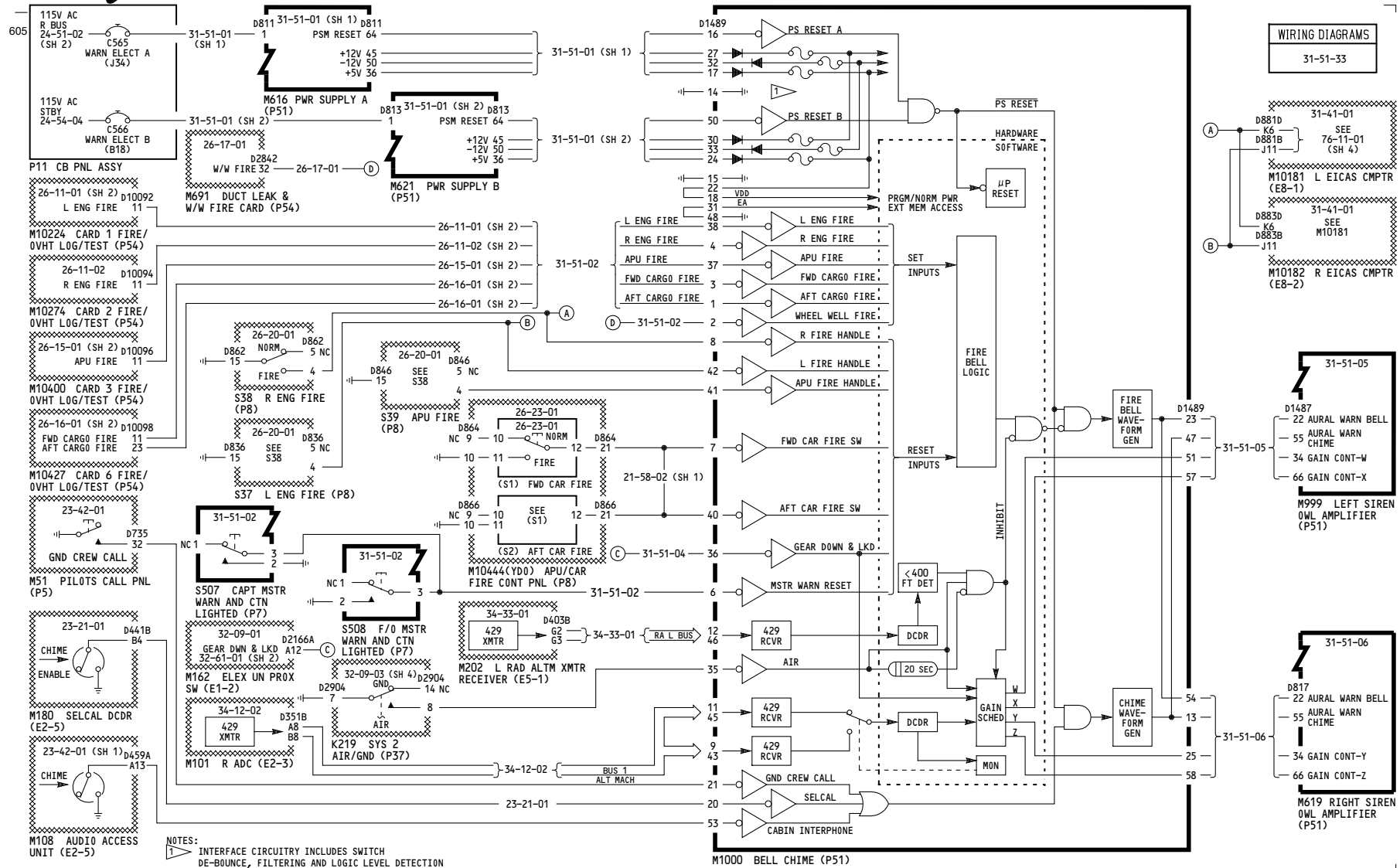
**SIREN/OWL AURAL WARNING-  
RIGHT**

D280T232

**31-51-06**

Page 102

Jan 21/2005



ALL

**BELL/CHIME AURAL WARNING**

**31-51-07**

Page 101

Jan 21/2005

D280T232