

Avia Capital Services, LLC

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This manual is applicable to the aircraft in this list:

	Oper	ator		Manufacturer		
Model-Series	Identification Code	Effectivity Code	Block Number	Serial Number	Line Number	Registration Number
737-8LJ	AKS	001	YT101	41195	4590	VP-BRF
737-8LJ	AKS	002	YT102	41196	4665	VP-BRH
737-8LJ	AKS	003	YT103	41197	4710	VP-BRR
737-8LJ	AKS	004	YT104	41198	4753	VP-BZA
737-8LJ	AKS	005	YT105	41199	4897	VP-BZB
737-8LJ	AKS	006	YT106	41200	5063	VP-BON
737-8LJ	AKS	007	YT126	41201	5153	VQ-BVV
737-8LJ	AKS	008	YT127	41202	5206	VQ-BVU
737-8LJ	AKS	009	YT107	41203	5253	VQ-BVO
737-8LJ	AKS	010	YT108	41204	5291	VQ-BVP
737-8LJ	AKS	011	YT128	41205	5302	VQ-BWG
737-8LJ	AKS	012	YT129	41206	5318	VQ-BWH
737-8LJ	AKS	013	YT109	41207	5377	VQ-BWA
737-8LJ	AKS	014	YT130	41208	5437	VQ-BWI
737-8LJ	AKS	015	YT110	41209	5468	VQ-BWB
737-8LJ	AKS	016	YT111	41210	5480	VQ-BWC
737-8LJ	AKS	017	YT112	41211	5516	VQ-BWD
737-8LJ	AKS	018	YT113	41213	5652	VQ-BWE
737-8LJ	AKS	019	YT131	41212	5576	VQ-BWJ
737-8LJ	AKS	020	YT114	41214	5690	VQ-BWF
737-8LJ	AKS	021	YT115	41215	5723	VP-BCD
737-8LJ	AKS	022	YT116	41216	5767	VP-BCF
737-8LJ	AKS	023	YT117	41217	5840	VP-BCG
737-8LJ	AKS	024	YT118	41222	5990	VP-BGG
737-8LJ	AKS	025	YT119	41223	6022	VP-BGI
737-8LJ	AKS	026	YT132	41227	6070	TBD
737-8LJ	AKS	027	YT120	41225	6086	TBD
737-8LJ	AKS	028	YT133	41228	6172	TBD

EFFECTIVE AIRCRAFT

FAULT ISOLATION MANUAL

Avia Capital Services, LLC AKS Revision No. 60 Jun 15/2016

To: All holders of this Boeing Document D633A103-AKS

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

The Fault Isolation Manual (FIM) is furnished either as a printed manual or as digital products, or a combination of the two. This revision replaces all previous digital products. All products are reissued with all obsolete data deleted and all updated pages added.

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

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

ATTENTION

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

TRANSMITTAL LETTER



TEMPORARY REVISIONS

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

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

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

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

TRANSMITTAL LETTER



LOCATION OF CHANGE FRONTMATTER

DESCRIPTION OF CHANGE

Added information for the "Engine Fire, Flames or Smoke" faults.

Added information for the "Wireless quick access recorder" faults.

Changed commercial tool table.

Changed information for the "Duct pressure indication" faults.

Changed information for the "FEEL DIFF PRESS light" faults.

Changed information for the "REVERSER light" faults.

Changed information for the "Refueling" faults.

Changed information for the "Reverse thrust lever" faults.

Changed information for the "Thrust reverser stow" faults.

Changed special tool table.

Changed standard tool table.

CHAPTER 21 Added maintenance message PFTC CNTRL INOP.

Added maintenance message DISPLAY.

Added maintenance message STBY 28V PWR OFF.

Added maintenance message PFTC STBY CNTRL.

Added maintenance message ARINC 429 INVLD.

Added maintenance message F/D TEMP SENSOR.

Added maintenance message ZONE TEMP SENSOR.

Added maintenance message STBY ZONE SENSOR.

Added maintenance message F/D DUCT SENSOR.

Added maintenance message ZONE DUCT SENSOR.

Added maintenance message PACK TEMP SENSOR.

Added maintenance message STBY PACK TEMP.

Added maintenance message MIXMAN TEMP SNSR.

Added maintenance message F/D SELECTOR.

Added maintenance message ZONE SELECTOR.

Added maintenance message STBY SELECTOR.

Added maintenance message PACK IN PRESSURE.

Added maintenance message PACK FLOW SENSOR.

Added maintenance message FLOW CTRL VALVE.

Added maintenance message TEMP CTRL VALVE.

Added maintenance message F/D TRIM VALVE.

Added maintenance message ZONE TRIM VALVE.

Added maintenance message STBY TCV VALVE.



LOCATION OF CHANGE	DESCRIPTION OF CHANGE
CHAPTER 21 (Cont)	Added maintenance message SRADA CNTRL.
	Added maintenance message SRADA INLET.
	Added maintenance message SRADA EXIT.
	Added maintenance message SRADA RAM SNSR.
21-31 TASK 803	Changed the format of the steps.
	Added procedure for LED display and Added LED call-out where LCD is used.
	Changed the spelling of the word.
21-31 TASK 823	Changed the format of the steps.
	Added step prior to cabin pressure leak test.
21-53 TASK 813	Changed the format of the steps.
21-53 TASK 814	Changed the format of the steps.
21-62 TASK 801	Added Admin Changes.
21-62 TASK 802	Added administrative change.
	Added Admin Changes.
21-62 TASK 803	Added administrative change.
21-62 TASK 804	Added administrative change.
	Added data for the incorporation of changes applicable for the installation of the electronic pack valve.
21-62 TASK 805	Added administrative change.
21-62 TASK 806	Added administrative change.
21-62 TASK 807	Added administrative change.
21-62 TASK 808	Added administrative change.
21-62 TASK 809	Added administrative change.
21-62 TASK 810	Added administrative change.
21-62 TASK 811	Added administrative change.
21-62 TASK 812	Added administrative change.
21-62 TASK 813	Added administrative change.
21-62 TASK 814	Added administrative change.
21-62 TASK 815	Added administrative change.
21-62 TASK 816	Added administrative change.
21-62 TASK 817	Added administrative change.
21-62 TASK 818	Added administrative change.
21-62 TASK 819	Added administrative change.

HIGHLIGHTS

Added Admin Changes.

21-62 TASK 820



LOCATION OF CHANGE	DESCRIPTION OF CHANGE
21-62 TASK 821	Added Admin Changes.
21-62 TASK 822	Added administrative change.
21-62 TASK 823	Added administrative change.
21-62 TASK 824	Added administrative change.
21-62 TASK 825	Added administrative change.
21-62 TASK 826	Added administrative change.
21-62 TASK 827	Added administrative change.
21-62 TASK 828	Added administrative change.
21-62 TASK 829	Added administrative change.
21-62 TASK 830	Added administrative change.
21-62 TASK 831	Added administrative change.
21-62 TASK 832	Added administrative change.
21-62 TASK 833	Added administrative change.
21-62 TASK 834	Added administrative change.
21-62 TASK 835	Added administrative change.
21-62 TASK 839	Added data for the incorporation of changes applicable for the installation of the electronic pack valve.
21-62 TASK 840	Added data for the incorporation of changes applicable for the installation of the electronic pack valve.
21-62 TASK 841	Added data for the incorporation of changes applicable for the installation of the electronic pack valve.
21-62 TASK 848	Added data for the incorporation of changes applicable for the installation of the electronic pack valve.
21-62 TASK 851	Added administrative change.
	Added steps to the fault isolation procedure.
21-62 TASK 852	Added steps to the fault isolation procedure.
21-62 TASK 853	Changed reference from "Ram Air Exhaust Actuator Removal, AMM TASK 21-51-27-000-801" to "Ram Air Exhaust Actuator - Removal, AMM TASK 21-51-27-000-801"
21-62 TASK 854	Changed reference from "Ram Air Exhaust Actuator Removal, AMM TASK 21-51-27-000-801" to "Ram Air Exhaust Actuator - Removal, AMM TASK 21-51-27-000-801"
21-62 TASK 857	Added data for the incorporation of changes applicable for the installation of the electronic pack valve.
	Added Maintenance Messages to the Description section.
	Added Admin Changes.



LOCATION OF CHANGE	DESCRIPTION OF CHANGE
21-62 TASK 858	Added data for the incorporation of changes applicable for the installation of the electronic pack valve.
	Revised Maintenance Message List in the Task Description section.
21-62 TASK 859	Added data for the incorporation of changes applicable for the installation of the electronic pack valve.
	Added Maintenance Messages to the Description section.
	Added Admin Changes.
21-62 TASK 860	Added data for the incorporation of changes applicable for the installation of the electronic pack valve.
	Added Maintenance Messages to the Description section.
	Added administrative change.
	Added Admin Changes.
21-62 TASK 862	Added 21-62-00-810-862, F/D SELECTOR - Fault Isolation.
21-62 TASK 863	Added 21-62-00-810-863, ZONE SELECTOR - Fault Isolation.
21-62 TASK 864	Added 21-62-00-810-864, STBY SELECTOR - Fault Isolation.
21-62 TASK 865	Added 21-62-00-810-865, F/D TEMP SENSOR - Fault Isolation.
21-62 TASK 866	Added 21-62-00-810-866, F/D DUCT SENSOR - Fault Isolation.
21-62 TASK 867	Added 21-62-00-810-867, ZONE TEMP SENSOR - Fault Isolation.
21-62 TASK 868	Added 21-62-00-810-868, STBY ZONE SENSOR - Fault Isolation.
21-62 TASK 869	Added 21-62-00-810-869, ZONE DUCT SENSOR -Fault Isolation.
21-62 TASK 870	Added 21-62-00-810-870, SRADA RAM SENSOR - Fault Isolation.
21-62 TASK 871	Added 21-62-00-810-871, PACK TEMP SENSOR - Fault Isolation.
21-62 TASK 872	Added 21-62-00-810-872, STBY PACK TEMP SENSOR - Fault Isolation.
21-62 TASK 873	Added 21-62-00-810-873, MIXMAN TEMP SENSOR - Fault Isolation.
21-62 TASK 874	Added 21-62-00-810-874, TEMP CTRL VALVE - Fault Isolation.
21-62 TASK 875	Added 21-62-00-810-875, STBY TEMP CTRL VALVE - Fault Isolation.
21-62 TASK 876	Added 21-62-00-810-876, FLIGHT DECK TRIM VALVE - Fault Isolation.
21-62 TASK 877	Added 21-62-00-810-877, ZONE TRIM VALVE - Fault Isolation.
21-62 TASK 878	Added 21-62-00-810-878, SRADA Inlet - Fault Isolation.
21-62 TASK 879	Added 21-62-00-810-879, SRADA EXIT - Fault Isolation.
21-62 TASK 880	Added 21-62-00-810-880, PFTC SRADA Power Fault - Fault Isolation.
21-62 TASK 881	Added 21-62-00-810-881, ADIRU1 ARINC - Fault Isolation.
21-62 TASK 882	Added 21-62-00-810-882, ADIRU2 ARINC - Fault Isolation.
21-62 TASK 883	Added 21-62-00-810-883, CPC1 ARINC - Fault Isolation.



LOCATION OF CHANGE	DESCRIPTION OF CHANGE
21-62 TASK 884	Added 21-62-00-810-884, CPC2 ARINC - Fault Isolation.
21-62 TASK 885	Added 21-62-00-810-885, COMM1 ARINC - Fault Isolation.
21-62 TASK 886	Added 21-62-00-810-886, COMM2 ARINC - Fault Isolation.
21-62 TASK 887	Added 21-62-00-810-887, PFTC Flight Deck INOP Discrete Output - Fault Isolation.
21-62 TASK 888	Added 21-62-00-810-888, PFTC Flight Deck Fault Discrete Output - Fault Isolation.
21-62 TASK 889	Added 21-62-00-810-889, PFTC Zone Fault Discrete Output - Fault Isolation.
21-62 TASK 890	Added 21-62-00-810-890, PFTC Backup Zone Fault Discrete Output - Fault Isolation.
21-62 TASK 891	Added 21-62-00-810-891, PFTC Pack INOP Discrete Output - Fault Isolation.
21-62 TASK 892	Added 21-62-00-810-892, PFTC Pack Fault Discrete Output - Fault Isolation.
21-62 TASK 893	Added 21-62-00-810-893, PFTC Standby Pack Fault Discrete Output - Fault Isolation.
21-62 TASK 894	Added 21-62-00-810-894, PFTC Activate Standby Pack Discrete Output - Fault Isolation.
21-62 TASK 895	Added 21-62-00-810-895, PFTC Controller INOP Discrete Output - Fault Isolation.
21-62 TASK 896	Added 21-62-00-810-896, PFTC SRADA BITE Discrete Output - Fault Isolation.
21-62 TASK SUPPORT	Added steps to the fault isolation procedure.
CHAPTER 22	
22-12 TASK 804	Changed effectivity from "AKS 009-999" to "AKS 009-999; AKS 001-008 WITH E-FCC SOFTWARE P8.0"
22-12 TASK 805	Changed effectivity from "AKS 009-999" to "AKS 009-999; AKS 001-008 WITH E-FCC SOFTWARE P8.0"
22-12 TASK 806	Changed effectivity from "AKS 009-999" to "AKS 009-999; AKS 001-008 WITH E-FCC SOFTWARE P8.0"
22-13 TASK 818	Changed the format of the steps.
	Changed step from "ELEX" to "ELEC" and changed circuit breaker.
22-14 TASK 828	Changed effectivity from "AKS 009-999" to "AKS 009-999; AKS 001-008 WITH E-FCC SOFTWARE P8.0"
22-17 TASK 805	Changed the format of the steps.
	Removed reference manuals from autopilot rudder position sensor problem - fault isolation.



LOCATION OF CHANGE DESCRIPTION OF CHANGE

22-31 TASK 805 Changed reference task in the table for maintenance messages in auto

servo motor failure - fault isolation.

22-32 TASK 814 Changed reference from "Flight Data Acquisition Unit (FDAU) Removal,

AMM TASK 31-31-22-000-801" to "Digital Flight Data Acquisition Unit

(DFDAU) Removal, AMM TASK 31-31-22-000-801"

Changed reference from "Flight Data Acquisition Unit (FDAU) Installation, AMM TASK 31-31-22-400-801" to "Digital Flight Data Acquisition Unit (DFDAU) Installation, AMM TASK 31-31-22-400-801"

22-32 TASK 819 Added steps to clarify Maintenance messages.

CHAPTER 23

23-75 TASK 809 Changed effectivities for impedance transformer.

CHAPTER 24

24-21 TASK 822 Changed the format of the steps.

Changed steps relating to bus tie breaker inspection.

24-31 TASK 826 Changed the format of the steps.

Removed steps to replace SPCU, M1720 in the Fault Isolation

procedures for TRU 1 and TRU 2.

24-34 TASK 802 Added remote control circuit breaker as possible fault cause.

CHAPTER 25

25-21 TASK 803 Changed reference from "Window Shade and Reveal Assembly

Removal, AMM TASK 25-21-12-020-801" to "Snap In Window Shade and Reveal Assembly Removal, AMM TASK 25-21-12-000-804"

Changed reference from "Window Shade and Reveal Assembly - Installation, AMM TASK 25-21-12-400-801" to "Snap In Window Shade and Reveal Assembly Installation, AMM TASK 25-21-12-400-805"

25-21 TASK 804 Changed reference from "Emergency Exit Door Window Shade and

Reveal Assembly Removal, AMM TASK 25-21-12-000-801" to

"Reference Not Currently Available"

Changed reference from "Emergency Exit Door Window Shade and Reveal Installation, AMM TASK 25-21-12-400-802" to "Reference Not

Currently Available"

CHAPTER 26

26-10 TASK 805 Changed the reference for the engine 1 and 2 loop B resistance.

26-18 TASK SUPPORT Changed the spelling of the word.

CHAPTER 27 Changed the task for fault 273 060 00.

27-21 TASK 818 Re-issued the page.

27-31 TASKS Added and changed data from Task 815 - Feel Diff Press Light is On -

Faul isolation.



LOCATION OF CHANGE	DESCRIPTION OF CHANGE
27-31 TASK 803	Removed 27-31-00-810-803, FEEL DIFF PRESS Light is ON - Fault Isolation.
27-31 TASK 815	Added 27-31-00-810-815, FEEL DIFF PRESS Light is ON - Fault Isolation.
27-31 TASK 810	Added the elevator tab control mechanism springs to fault isolation.
27-31 TASK 812	Added an inspection of the elevator feel and centering unit springs to the low control column force with hydraulic power on fault isolation procedure.
27-61 TASK 801	Added the ground spoiler interlock valve to spoiler panel float - fault isolation.
27-62 TASK 802	Changed the data to include troubleshooting procedures for low resistance to the coil and insulation of the Flight Spoiler PCU Solenoid when the SPOILER PCU SOV SYS A or SYS B circuit breaker is tripped.
27-62 TASK 815	Changed the reference for the Speedbrake Lever Check and the Auto Speedbrake Actuator Check.
	Changed the spelling of the word.
27-83 TASK 806	Changed format of steps in FSEU autoslat fault isolation task.
	Added steps to FSEU autoslat fault isolation task.
CHAPTER 28	Added fault code 282 051 00.
28-21 TASK 801	Changed title to Fuel Spill at Surge Tank or Fuel Tank Auto-Shutoff Inoperative - Fault Isolation.
	Changed the format of the steps.
	Added a shutoff valve cleaning step.
28-21 TASK 806	Changed the format of the steps.
	Added a shutoff valve cleaning step.
28-21 TASK 807	Added a shutoff valve cleaning step.
28-21 TASK 808	Changed the format of the steps.
	Added a shutoff valve cleaning step.
28-21 TASK 809	Changed the format of the steps.
	Added a shutoff valve cleaning step.
28-21 TASK 813	Changed Spelling.
28-21 TASK 816	Changed the format of the steps.
28-22 TASK 809	Changed the format of the steps.
	Removed engine start lever duplicate data.
28-22 TASK 810	Removed engine start lever duplicate data.
28-22 TASK 811	Changed the format of the steps.



LOCATION OF CHANGE	DESCRIPTION OF CHANGE
28-22 TASK 811 (Cont)	Removed engine start lever duplicate data.
	Added fault code 3051 for invalid display type.
28-22 TASK 812	Removed engine start lever duplicate data.
	Changed the format of the steps.
28-22 TASK 819	Removed engine start lever duplicate data.
28-25 TASK 801	Changed a tool reference.
28-41 TASK 802	Changed Spelling.
28-41 TASK 803	Changed Spelling.
28-41 TASK 804	Changed Spelling.
28-41 TASK 805	Changed Spelling.
28-41 TASK 806	Changed Spelling.
28-41 TASK 807	Changed Spelling.
28-41 TASK 816	Changed Spelling.
28-41 TASK 818	Changed Spelling.
CHAPTER 29	
29-30 TASK 805	Added fault isolation step for engine driven pump case drain check.
	Changed the format of the steps.
29-30 TASK 806	Added fault isolation step for engine driven pump case drain check.
	Changed the format of the steps.
29-30 TASK 812	Changed the format of the steps.
	Added the pressure and supply hose quick disconnect inspection.
29-30 TASK 813	Changed the format of the steps.
	Added the pressure and supply hose quick disconnect inspection.
CHAPTER 30	
30-11 TASK 801	Changed the data associated with the circuit breaker.
30-11 TASK 802	Changed the data associated with the circuit breaker.
30-11 TASK 803	Changed the data associated with the circuit breaker.
30-11 TASK 804	Changed the data associated with the circuit breaker.
30-11 TASK 805	Changed the data associated with the circuit breaker.
30-11 TASK 806	Changed the data associated with the circuit breaker.
30-11 TASK 807	Changed the data associated with the circuit breaker.
30-11 TASK 810	Changed the data associated with the circuit breaker.
30-21 TASK 801	Changed effectivity from "AKS ALL; AIRPLANES WITH ENGINE COWL TAI VALVE P/N 3215618-5 OR 3215618-6" to "AKS ALL; AIRPLANES WITH ENGINE COWL TAI VALVE P/N 3215618-5"



LOCATION OF CHANGE	DESCRIPTION OF CHANGE
30-21 TASK 801 (Cont)	Changed the data associated with the circuit breaker.
30-21 TASK 802	Changed the data associated with the circuit breaker.
30-21 TASK 803	Changed the data associated with the circuit breaker.
30-21 TASK 804	Changed the data associated with the circuit breaker.
30-21 TASK 805	Changed the data associated with the circuit breaker.
30-21 TASK 806	Changed the data associated with the circuit breaker.
30-21 TASK 809	Changed effectivity from "AKS ALL; AIRPLANES WITH ENGINE COWL TAI VALVE P/N 3215618-5 OR 3215618-6" to "AKS ALL; AIRPLANES WITH ENGINE COWL TAI VALVE P/N 3215618-5"
	Changed the data associated with the circuit breaker.
30-31 TASK 801	Changed fault isolation steps and connector identification.
30-41 TASK 801	Changed the Format of the illustrations.
30-41 TASK 811	Changed the format of the steps.
	Added reference for resistance measurement of the temperature sensor and changed the resistance measurements.
30-41 TASK 812	Changed the format of the steps.
	Added reference for resistance measurement of the temperature sensor and changed the resistance measurements.
30-41 TASK 813	Added override mode data for windows with dual sensors.
	Added window overheat condition data.
	Changed format of Circuit Breaker steps.
CHAPTER 31	Added fault code 313 121 00.
31-31 TASK 802	Added steps to clarify key functions for DFDAU BITE.
31-31 TASK 803	Changed reference from "Flight Data Acquisition Unit (FDAU) Removal, AMM TASK 31-31-22-000-801" to "Digital Flight Data Acquisition Unit (DFDAU) Removal, AMM TASK 31-31-22-000-801"
	Changed reference from "Flight Data Acquisition Unit (FDAU) Installation, AMM TASK 31-31-22-400-801" to "Digital Flight Data Acquisition Unit (DFDAU) Installation, AMM TASK 31-31-22-400-801"
31-31 TASK 805	Changed reference from "Flight Data Acquisition Unit (FDAU) Removal, AMM TASK 31-31-22-000-801" to "Digital Flight Data Acquisition Unit (DFDAU) Removal, AMM TASK 31-31-22-000-801"
	Changed reference from "Flight Data Acquisition Unit (FDAU) Installation, AMM TASK 31-31-22-400-801" to "Digital Flight Data Acquisition Unit (DFDAU) Installation, AMM TASK 31-31-22-400-801"
31-31 TASK 809	Changed the effectivity.



LOCATION OF CHANGE	DESCRIPTION OF CHANGE
31-31 TASK 808	Changed reference from "Flight Data Acquisition Unit (FDAU) Removal, AMM TASK 31-31-22-000-801" to "Digital Flight Data Acquisition Unit (DFDAU) Removal, AMM TASK 31-31-22-000-801"
	Changed reference from "Flight Data Acquisition Unit (FDAU) Installation, AMM TASK 31-31-22-400-801" to "Digital Flight Data Acquisition Unit (DFDAU) Installation, AMM TASK 31-31-22-400-801"
31-31 TASK 807	Changed reference from "Flight Data Acquisition Unit (FDAU) Removal, AMM TASK 31-31-22-000-801" to "Digital Flight Data Acquisition Unit (DFDAU) Removal, AMM TASK 31-31-22-000-801"
	Changed reference from "Flight Data Acquisition Unit (FDAU) Installation, AMM TASK 31-31-22-400-801" to "Digital Flight Data Acquisition Unit (DFDAU) Installation, AMM TASK 31-31-22-400-801"
31-51 TASK 803	Changed the data for possible causes on the ground or in the air.
	Changed the format of the steps.
31-62 TASK 801	Changed reference note 1 on figure 202.
31-62 TASK 886	Changed effectivity from "AKS 024-999" to "AKS 025-999"
31-62 TASK 876	Added step to show satisfactory completion of test.
31-63 TASK 809	Changed reference from "Flight Data Acquisition Unit (FDAU) Removal, AMM TASK 31-31-22-000-801" to "Digital Flight Data Acquisition Unit (DFDAU) Removal, AMM TASK 31-31-22-000-801"
	Changed reference from "Flight Data Acquisition Unit (FDAU) Installation, AMM TASK 31-31-22-400-801" to "Digital Flight Data Acquisition Unit (DFDAU) Installation, AMM TASK 31-31-22-400-801"
31-63 TASK 817	Changed reference from "Flight Data Acquisition Unit (FDAU) Removal, AMM TASK 31-31-22-000-801" to "Digital Flight Data Acquisition Unit (DFDAU) Removal, AMM TASK 31-31-22-000-801"
	Changed reference from "Flight Data Acquisition Unit (FDAU) Installation, AMM TASK 31-31-22-400-801" to "Digital Flight Data Acquisition Unit (DFDAU) Installation, AMM TASK 31-31-22-400-801"
31-63 TASK 818	Changed reference from "Flight Data Acquisition Unit (FDAU) Removal, AMM TASK 31-31-22-000-801" to "Digital Flight Data Acquisition Unit (DFDAU) Removal, AMM TASK 31-31-22-000-801"
	Changed reference from "Flight Data Acquisition Unit (FDAU) Installation, AMM TASK 31-31-22-400-801" to "Digital Flight Data Acquisition Unit (DFDAU) Installation, AMM TASK 31-31-22-400-801"
CHAPTER 32	
32-09 TASK 817	Changed the format of the steps.
	Added procedures for a 2 stabilizer takeoff warning switch configuration.
	Added note for clarity.



LOCATION OF CHANGE CHAPTER 34	DESCRIPTION OF CHANGE
34-21 TASK 808	Added clarification to the faulty MSU switch causing fault code 09.
34-43 TASK 823	Added fault code 3051 for invalid display type.
34-53 TASK 801	Changed effectivity from "AKS ALL; AIRPLANES WITH ALLIED SIGNAL SERIES TRANSPONDERS" to "AKS 001-023; AIRPLANES WITH ALLIED SIGNAL SERIES TRANSPONDERS"
	Changed figure effectivity.
34-53 TASK 812	Changed effectivity from "AKS ALL; AIRPLANES WITH ALLIED SIGNAL SERIES TRANSPONDERS" to "AKS 001-023; AIRPLANES WITH ALLIED SIGNAL SERIES TRANSPONDERS"
34-61 TASK 835	Added the steps for troubleshooting FMC DISAGREE on the ground.
34-61 TASK 838	Changed effectivity from "AKS 013, 015-018, 020-999; AKS 001-005 PRE SB 737-34-2252 AND POST SB 737-34-2673; AKS 006, 009, 010 PRE SB 737-34-2252" to "AKS 013, 015-018, 020-025, 027; AKS 001-005 PRE SB 737-34-2252 AND POST SB 737-34-2673; AKS 006, 009, 010 PRE SB 737-34-2252"
CHAPTER 36	Changed the data for fault code 361 040 00.
	Changed the data for fault code 361 070 00.
36-10 TASK SUPPORT	Changed the Format of the illustrations.
CHAPTER 38	
38-10 TASK SUPPORT	Changed figure to show location of pressure relief valve.
38-30 TASK 814	Changed the reference information.
38-30 TASK 815	Changed the reference information.
38-30 TASK 830	Added 38-30-00-810-830, Toilet Flush Valve Assembly - Blocked - Fault Isolation.
38-30 TASK 820	Changed the reference information.
38-30 TASK SUPPORT	Changed figure effectivity.
CHAPTER 46	
46-13 TASK 801	Added fault codes data.
	Added the data for the NFS2.
46-13 TASK 802	Added the data for the NFS2.
46-13 TASK 803	Added the data for the NFS2.
46-13 TASK 804	Added the data for the NFS2.
46-13 TASK 805	Added the data for the NFS2.
46-13 TASK 806	Added the data for the NFS2.
46-13 TASK 807	Added the data for the NFS2.
46-13 TASK 808	Added the data for the NFS2.



LOCATION OF CHANGE	DESCRIPTION OF CHANGE
46-13 TASK 809	Added the data for the NFS2.
46-13 TASK 810	Added the data for the NFS2.
46-13 TASK 811	Changed effectivity from "AKS 006, 009, 010, 013, 015-018, 020-999" to "AKS 006, 009, 010, 013, 015-018, 020-025, 027"
	Changed effectivity from "AKS 007, 008, 011, 012, 014, 019" to "AKS 007, 008, 011, 012, 014, 019, 026, 028-999"
46-13 TASK 812	Added the data for the NFS2.
46-13 TASK 813	Added the data for the NFS2.
46-13 TASK 814	Added the data for the NFS2.
46-13 TASK 815	Added the data for the NFS2.
46-13 TASK 816	Added the data for the NFS2.
46-13 TASK 817	Added the data for the NFS2.
46-13 TASK 818	Added the data for the NFS2.
46-13 TASK 819	Added the data for the NFS2.
46-13 TASK 820	Added the data for the NFS2.
46-13 TASK 821	Added the data for the NFS2.
46-13 TASK 822	Added the data for the NFS2.
46-13 TASK 823	Added the data for the NFS2.
46-13 TASK 824	Added the data for the NFS2.
46-13 TASK 825	Added the data for the NFS2.
46-13 TASK 826	Added the data for the NFS2.
46-13 TASK 827	Added the data for the NFS2.
46-13 TASK 828	Added the data for the NFS2.
46-13 TASK 829	Added the data for the NFS2.
46-13 TASK 830	Added the data for the NFS2.
46-13 TASK 831	Added the data for the NFS2.
46-13 TASK 832	Added the data for the NFS2.
46-13 TASK 833	Added the data for the NFS2.
46-13 TASK 835	Added the data for the NFS2.
46-13 TASK 836	Added the data for the NFS2.
46-13 TASK 837	Added the data for the NFS2.
46-13 TASK 838	Changed effectivity from "AKS 006, 009, 010, 013, 015-018, 020-999" to "AKS 006, 009, 010, 013, 015-018, 020-025, 027"
	Changed effectivity from "AKS 007, 008, 011, 012, 014, 019" to "AKS 007, 008, 011, 012, 014, 019, 026, 028-999"



LOCATION OF CHANGE	DESCRIPTION OF CHANGE
46-13 TASK 839	Added the data for the NFS2.
46-13 TASK 840	Added the data for the NFS2.
46-13 TASK 842	Added the data for the NFS2.
46-13 TASK 843	Added the data for the NFS2.
46-13 TASK 844	Changed effectivity from "AKS 006, 009, 010, 013, 015-018, 020-999" to "AKS 006, 009, 010, 013, 015-018, 020-025, 027"
	Changed effectivity from "AKS 007, 008, 011, 012, 014, 019" to "AKS 007, 008, 011, 012, 014, 019, 026, 028-999"
46-13 TASK 845	Added the data for the NFS2.
46-13 TASK 846	Added the data for the NFS2.
46-13 TASK 847	Added the data for the NFS2.
46-13 TASK 848	Added the data for the NFS2.
46-13 TASK 849	Added the data for the NFS2.
46-13 TASK 850	Added the data for the NFS2.
46-13 TASK 851	Added the data for the NFS2.
46-13 TASK 852	Added the data for the NFS2.
46-13 TASK 853	Added the data for the NFS2.
46-13 TASK 854	Added the data for the NFS2.
46-13 TASK 855	Changed effectivity from "AKS 006, 009, 010, 013, 015-018, 020-999" to "AKS 006, 009, 010, 013, 015-018, 020-025, 027"
	Changed effectivity from "AKS 007, 008, 011, 012, 014, 019" to "AKS 007, 008, 011, 012, 014, 019, 026, 028-999"
46-13 TASK 862	Added 46-13-00-810-862, 46-150 or 46-00150 Fault Code (DFDAU~NFS1 ARINC 717 BUS FAIL) Shows - Fault Isolation.
46-15 TASKS	Changed effectivity from "AKS 001-006, 009, 010, 013, 015-018, 020-999" to "AKS 001-006, 009, 010, 013, 015-018, 020-025, 027"
CHAPTER 47	
47-31 TASK 802	Changed the format of the steps.
	Added Shop Code 0232 procedure to include instruction to replace Oxygen Sensor in addition to the NGS Controller.
47-31 TASK 816	Changed Equipment Number.
CHAPTER 49	
49-40 TASK 825	Changed the format of the steps.
	Changed step to "Examine the wiring between the auxiliary power unit and the APU ECU".
49-50 TASK 821	Changed the wait time for APU restarting.
49-52 TASK 805	Changed the wait time for APU restarting.



LOCATION OF CHANGE DESCRIPTION OF CHANGE

49-70 TASK 801 Changed the format of the steps.

Changed the specified resistance between the pins.

49-70 TASK 802 Changed the format of the steps.

Changed the specified resistance between the pins.

49-70 TASK 803 Changed the format of the steps.

Changed the specified resistance between the pins.

49-70 TASK 804 Changed the format of the steps.

Changed the specified resistance between the pins.

CHAPTER 52

52-10 TASK 801 Added Door Warning System causes and procedures.
52-10 TASK 802 Added Door Warning System causes and procedures.

CHAPTER 71 Added fault code 710 040 51.

Added fault code 710 040 52.

F71-05 TASK 805 Changed the spelling of the word.
F71-05 TASK 807 Changed the spelling of the word.
F71-05 TASK 809 Changed the spelling of the word.

F71-05 TASK 811 Added 71-05-00-810-811-F00, Flames or Smoke from the Engine

Exhaust or Center Plug - Fault Isolation.

CHAPTER 73

F73-05 TASK 801 Changed the format of the steps.

Added step to replace EEC if there is a fault code.

Changed step for fuel filter signals disagree maintenance messages.

F73-06 TASK 804 Changed the format of the steps.

Added fire switch S8/S9 troubleshooting data.

F73-22 TASK 803 Changed effectivity from "AKS 007, 008, 011, 012, 014, 024-999" to

"AKS 007, 008, 011, 012, 014"

Changed effectivity from "AKS 001-010, 013, 015-023" to "AKS

001-010, 013, 015-999"

F73-22 TASK 804 Changed effectivity from "AKS 007, 008, 011, 012, 014, 024-999" to

"AKS 007, 008, 011, 012, 014"

Changed effectivity from "AKS 001-010, 013, 015-023" to "AKS

001-010, 013, 015-999"

F73-23 TASK 801 Changed reference from "Thrust Lever Angle Resolver and PEO (CH A)

LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 813" to "FADEC2/FADEC3 (Ch A) Excitation Group 1: Thrust Lever Angle Resolver and PEO (CH A) LVDT Excitation Circuit Fault - Fault

Isolation, 75-34 TASK 813"



LOCATION OF CHANGE

DESCRIPTION OF CHANGE

F73-23 TASK 801 (Cont)

Changed reference from "Thrust Lever Angle Resolver and PEO (CH B) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 814" to "FADEC2/FADEC3 (Ch B) Excitation Group 1: Thrust Lever Angle Resolver and PEO (CH B) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 814"

F73-25 TASK 803

Changed reference from "FMV, HPTC and T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 807" to "FADEC2 (Ch A) Excitation Group 2: FMV, HPTC and T/R R Sleeve LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 807"

Changed reference from "HPTC, TBV and T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 808" to "FADEC2 (Ch B) Excitation Group 4: HPTC, TBV and T/R R Sleeve LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 808"

Changed reference from "VSV, VBV and FMV (Channel A) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 817" to "FADEC3 (Ch A) Excitation Group 2: VSV, VBV and FMV (Channel A) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 817"

Changed reference from "VSV, VBV and FMV (Channel B) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 819" to "FADEC3 (Ch B) Excitation Group 2: VSV, VBV and FMV (Channel B) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 819"

CHAPTER 75

F75-21 TASK 802

Changed reference from "FMV, HPTC and T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 807" to "FADEC2 (Ch A) Excitation Group 2: FMV, HPTC and T/R R Sleeve LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 807"

Changed reference from "HPTC, TBV and T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 808" to "FADEC2 (Ch B) Excitation Group 4: HPTC, TBV and T/R R Sleeve LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 808"

Changed reference from "HPTACC, Left and Right T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 818" to "FADEC3 (Ch A) Excitation Group 3: HPTACC, Left and Right T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 818"

Changed reference from "HPTACC and TBV LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 816" to "FADEC3 (Ch B) Excitation Group 4: HPTACC and TBV LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 816"

F75-22 TASK 802

Changed reference from "LPTC and TBV LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 811" to "FADEC2/FADEC3 (Ch A) Excitation Group 4: LPTC and TBV LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 811"



LOCATION OF CHANGE

DESCRIPTION OF CHANGE

F75-22 TASK 802 (Cont)

Changed reference from "VBV and LPTC LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 812" to "FADEC2 (Ch B) Excitation Group 3: VBV and LPTC LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 812"

Changed reference from "LPTACC, Left and Right T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 815" to "FADEC3 (Ch B) Excitation Group 3: LPTACC, Left and Right T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 815"

F75-23 TASK 802

Changed reference from "LPTC and TBV LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 811" to "FADEC2/FADEC3 (Ch A) Excitation Group 4: LPTC and TBV LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 811"

Changed reference from "HPTC, TBV and T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 808" to "FADEC2 (Ch B) Excitation Group 4: HPTC, TBV and T/R R Sleeve LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 808"

Changed reference from "HPTACC and TBV LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 816" to "FADEC3 (Ch B) Excitation Group 4: HPTACC and TBV LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 816"

F75-31 TASK 803

Changed reference from "VSV, VBV and T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 805" to "FADEC2 (Ch A) Excitation Group 3: VSV, VBV and T/R L Sleeve LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 805"

Changed reference from "FMV, VSV and T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 806" to "FADEC2 (Ch B) Excitation Group 2: FMV, VSV and T/R L Sleeve LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 806"

Changed reference from "VSV, VBV and FMV (Channel A) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 817" to "FADEC3 (Ch A) Excitation Group 2: VSV, VBV and FMV (Channel A) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 817"

Changed reference from "VSV, VBV and FMV (Channel B) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 819" to "FADEC3 (Ch B) Excitation Group 2: VSV, VBV and FMV (Channel B) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 819"

F75-32 TASK 802

Changed reference from "VSV, VBV and T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 805" to "FADEC2 (Ch A) Excitation Group 3: VSV, VBV and T/R L Sleeve LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 805"

Changed reference from "VBV and LPTC LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 812" to "FADEC2 (Ch B) Excitation Group 3: VBV and LPTC LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 812"



LOCATION OF CHANGE	DESCRIPTION OF CHANGE
F75-32 TASK 802 (Cont)	Changed reference from "VSV, VBV and FMV (Channel A) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 817" to "FADEC3 (Ch A) Excitation Group 2: VSV, VBV and FMV (Channel A) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 817"
	Changed reference from "VSV, VBV and FMV (Channel B) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 819" to "FADEC3 (Ch B) Excitation Group 2: VSV, VBV and FMV (Channel B) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 819"
F75-34 TASK 805	Changed the format of the steps.
	Added data to clarify possible fault combinations and related troubleshooting references.
F75-34 TASK 806	Changed the format of the steps.
	Added data to clarify possible fault combinations and related troubleshooting references.
F75-34 TASK 807	Changed the format of the steps.
	Added data to clarify possible fault combinations and related troubleshooting references.
F75-34 TASK 808	Changed the format of the steps.
	Added data to clarify possible fault combinations and related troubleshooting references.
F75-34 TASK 811	Changed the format of the steps.
	Added data to clarify possible fault combinations and related troubleshooting references.
F75-34 TASK 812	Changed the format of the steps.
	Added data to clarify possible fault combinations and related troubleshooting references.
F75-34 TASK 813	Changed the format of the steps.
	Added data to clarify possible fault combinations and related troubleshooting references.
F75-34 TASK 814	Changed the format of the steps.
	Added data to clarify possible fault combinations and related troubleshooting references.
F75-34 TASK 815	Changed the format of the steps.
	Added data to clarify possible fault combinations and related troubleshooting references.
F75-34 TASK 816	Changed the format of the steps.
	Added data to clarify possible fault combinations and related troubleshooting references.
F75-34 TASK 817	Changed the format of the steps.



LOCATION OF CHANGE DESCRIPTION OF CHANGE

F75-34 TASK 817 (Cont)

Added data to clarify possible fault combinations and related

troubleshooting references.

F75-34 TASK 818 Changed the format of the steps.

Added data to clarify possible fault combinations and related

troubleshooting references.

F75-34 TASK 819 Changed the format of the steps.

Added data to clarify possible fault combinations and related

troubleshooting references.

F75-34 TASK SUPPORT Added data to clarify possible fault combinations and related

troubleshooting references.

CHAPTER 76 Changed the data for fault code 760 070 51.

Changed the data for fault code 760 070 52.

Changed the data for fault code 760 080 51.

Changed the data for fault code 760 080 52.

F76-05 TASK 809 Removed engine start lever duplicate data.
F76-11 TASK 801 Removed engine start lever duplicate data.

Changed the format of the steps.

CHAPTER 78 Changed the data for fault code 780 020 51.

Changed the data for fault code 780 020 52. Changed the data for fault code 780 100 51.

Changed the data for fault code 780 100 52.

F78-31 TASK 801 Added a reference to a BITE Summary Graphic.

Changed the format of the steps.

F78-31 TASK 803 Changed the format of the steps.

F78-31 TASK 804 Changed the format of the steps.

Added a warning in the Repair Confirmation.

F78-31 TASK 805 Changed the format of the steps.

Changed the order of the troubleshooting steps.

Changed troubleshooting procedure for lockout handle.

F78-31 TASK 806 Changed the format of the steps.

Changed the order of the troubleshooting steps.

Added a reference to Sleeve Stow Proximity Sensor Roller.

F78-31 TASK 807 Changed the format of the steps.

Changed Fault Isolation Procedure.

F78-31 TASK 808 Changed the format of the steps.



LOCATION OF CHANGE	DESCRIPTION OF CHANGE
F78-31 TASK 808 (Cont)	Changed troubleshooting procedure for lockout handle.
F78-31 TASK 809	Changed the format of the steps.
	Changed Fault Isolation Procedure.
	Added a reference to Sleeve Stow Proximity Sensor Roller.
F78-31 TASK 810	Changed the format of the steps.
	Changed Fault Isolation Procedure.
F78-31 TASK 812	Added alternate troubleshooting procedure using a load lamp
F78-31 TASK 813	Changed the format of the steps.
	Changed troubleshooting procedure for lockout handle.
F78-31 TASK 814	Changed the format of the steps.
	Changed Fault Isolation Procedure.
	Added a reference to Sleeve Stow Proximity Sensor Roller.
F78-31 TASK 816	Changed the format of the steps.
	Changed troubleshooting procedure for lockout handle.
F78-31 TASK 817	Changed the format of the steps.
	Changed Fault Isolation Procedure.
	Added a reference to Sleeve Stow Proximity Sensor Roller.
F78-31 TASK 819	Changed Fault Isolation Procedure.
	Changed the format of the steps.
	Changed the order of the troubleshooting steps.
F78-31 TASK 820	Changed Fault Isolation Procedure.
	Changed the format of the steps.
	Changed the order of the troubleshooting steps.
F78-32 TASK 808	Changed the format of the steps.
	Changed troubleshooting procedure for lockout handle.
	Changed the wiring check of the SLPS.
F78-32 TASK 809	Changed the format of the steps.
	Added Wiring Checks.
	Changed troubleshooting procedure for lockout handle.
	Changed the wiring check of the SLPS.
F78-32 TASK 810	Changed an acronym reference.
F78-32 TASK 812	Changed Load Light Procedure.
F78-32 TASK 813	Changed the format of the steps.
	Changed Load Light Procedure.



LOCATION OF CHANGE DESCRIPTION OF CHANGE

F78-32 TASK 814 Changed Load Light Procedure. F78-32 TASK 815 Changed Load Light Procedure.

Removed redundant data.

F78-34 TASK 801 Changed the format of the steps.

F78-34 TASK 807 Changed Auto Throttle Switch check.

F78-34 TASK SUPPORT Added Thrust Reverser Hydraulic System Control Simplified Schematic.

F78-36 TASK 801 Changed the format of the steps.

Changed the Repair Confirmation.

F78-36 TASK 802 Changed reference from "VSV, VBV and T/R LVDT Excitation Circuit

Fault - Fault Isolation, 75-34 TASK 805" to "FADEC2 (Ch A) Excitation Group 3: VSV, VBV and T/R L Sleeve LVDT Excitation Circuit Fault -

Fault Isolation, 75-34 TASK 805"

Changed reference from "FMV, VSV and T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 806" to "FADEC2 (Ch B) Excitation Group 2: FMV, VSV and T/R L Sleeve LVDT Excitation Circuit Fault -

Fault Isolation, 75-34 TASK 806"

Changed reference from "HPTACC, Left and Right T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 818" to "FADEC3 (Ch A) Excitation Group 3: HPTACC, Left and Right T/R LVDT Excitation

Circuit Fault - Fault Isolation, 75-34 TASK 818"

Changed reference from "LPTACC, Left and Right T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 815" to "FADEC3 (Ch B) Excitation Group 3: LPTACC, Left and Right T/R LVDT Excitation Circuit

Fault - Fault Isolation, 75-34 TASK 815"

F78-36 TASK 803 Changed reference from "FMV, HPTC and T/R LVDT Excitation Circuit

Fault - Fault Isolation, 75-34 TASK 807" to "FADEC2 (Ch A) Excitation Group 2: FMV, HPTC and T/R R Sleeve LVDT Excitation Circuit Fault -

Fault Isolation, 75-34 TASK 807"

Changed reference from "HPTC, TBV and T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 808" to "FADEC2 (Ch B) Excitation Group 4: HPTC, TBV and T/R R Sleeve LVDT Excitation Circuit Fault -

Fault Isolation, 75-34 TASK 808"

Changed reference from "HPTACC, Left and Right T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 818" to "FADEC3 (Ch A) Excitation Group 3: HPTACC, Left and Right T/R LVDT Excitation

Circuit Fault - Fault Isolation, 75-34 TASK 818"

Changed reference from "LPTACC, Left and Right T/R LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 815" to "FADEC3 (Ch B) Excitation Group 3: LPTACC, Left and Right T/R LVDT Excitation Circuit

Fault - Fault Isolation, 75-34 TASK 815"

F78-36 TASK 808 Changed the format of the steps.



LOCATION OF CHANGE DESCRIPTION OF CHANGE

F78-36 TASK 808 (Cont)

Added data to clarify possible fault combinations and related

troubleshooting references.

CHAPTER 79

F79-21 TASK 801 Changed reference from "Thrust Lever Angle Resolver and PEO (CH A)

LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 813" to "FADEC2/FADEC3 (Ch A) Excitation Group 1: Thrust Lever Angle Resolver and PEO (CH A) LVDT Excitation Circuit Fault - Fault

Isolation, 75-34 TASK 813"

Changed reference from "Thrust Lever Angle Resolver and PEO (CH B) LVDT Excitation Circuit Fault - Fault Isolation, 75-34 TASK 814" to "FADEC2/FADEC3 (Ch B) Excitation Group 1: Thrust Lever Angle Resolver and PEO (CH B) LVDT Excitation Circuit Fault - Fault

Isolation, 75-34 TASK 814"

F79-21 TASK 802 Changed the format of the steps.

Changed step to close circuit breakers and remove safety tag.

CHAPTER 80

F80-07 TASK 808 Changed the spelling of a word.



Subje	ct/Page	Date	COC	Subj	ect/Page	Date	COC	Subj	ect/Page	Date	COC
TITLE	PAGE			INTF	RODUCTIO			OBS	SERVED F	AULT LIST - ALF	PHA
0	1	Jun 15/2016			6	Feb 15/2013		(con	t)		
	2	BLANK			7	Feb 15/2013			17	Feb 15/2016	
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0	1	Jun 15/2016			9	Feb 15/2013			19	Feb 15/2016	
	2	BLANK			10	Feb 15/2013			20	Feb 15/2016	
TRAN	NSMITTAL 1	LETTER Jun 15/2016			11	Feb 15/2013			21	Feb 15/2016	
	2	Feb 15/2013			12	Feb 15/2013			22	Feb 15/2016	
шси		1 60 13/2013			13	Feb 15/2013			23	Feb 15/2016	
1	ILIGHTS I thru 21	JUN 15/2016			14	Feb 15/2013			24	Feb 15/2016	
	22	BLANK			15	Feb 15/2013			25	Feb 15/2016	
FFFF	 ECTIVE PA			R	16	Jun 15/2016			26	Feb 15/2016	
	thru 3	JUN 15/2016			17	Feb 15/2016			27	Feb 15/2016	
	4	BLANK		R	18	Jun 15/2016			28	Feb 15/2016	
FFFF	-	HAPTERS		0	19	Jun 15/2016		R	29	Jun 15/2016	
0	1	Jun 15/2016		R	20	Jun 15/2016		0	30	Jun 15/2016	
	2	BLANK		R	21	Jun 15/2016			31	Feb 15/2016	
REVI	SION RE				22	Feb 15/2016			32	Feb 15/2016	
	1	Feb 15/2013		R	23	Jun 15/2016			33	Feb 15/2016	
	2	Feb 15/2013		0	24	Jun 15/2016			34	Feb 15/2016	
	ORD OF T SIONS	EMPORARY		0	25	Jun 15/2016			35	Feb 15/2016	
IXLVI	1	Feb 15/2013		R	26	Jun 15/2016			36	Feb 15/2016	
	2	Feb 15/2013				AULT LIST - AL	РΗΔ	R	37	Jun 15/2016	
SER\	/ICE BUL	LETIN LIST			1	Feb 15/2016		0	38	Jun 15/2016	
0	1	Jun 15/2016			2	Feb 15/2016		0	39	Jun 15/2016	
0	2	Jun 15/2016			3	Feb 15/2016		0	40	Jun 15/2016	
0	3	Jun 15/2016			4	Feb 15/2016		0	41	Jun 15/2016	
0	4	Jun 15/2016			4 5	Feb 15/2016		0	41	Jun 15/2016 Jun 15/2016	
0	5	Jun 15/2016				Feb 15/2016			42	Feb 15/2016	
0	6	Jun 15/2016			6 7						
0	7	Jun 15/2016			7	Feb 15/2016			44	Feb 15/2016	
0	8	Jun 15/2016			8	Feb 15/2016			45	Feb 15/2016	
Α	9	Jun 15/2016			9	Feb 15/2016			46	Feb 15/2016	
Α	10	BLANK			10	Feb 15/2016			47	Feb 15/2016	
INTR	ODUCTIO				11	Feb 15/2016		R	48	Jun 15/2016	
	1	Feb 15/2013			12	Feb 15/2016			49	Feb 15/2016	
	2	Feb 15/2013			13	Feb 15/2016			50	Feb 15/2016	
	3	Feb 15/2013			14	Feb 15/2016			51	Feb 15/2016	
	4	Feb 15/2013			15	Feb 15/2016			52	Feb 15/2016	
	5	Feb 15/2013			16	Feb 15/2016			53	Feb 15/2016	

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EFFECTIVE PAGES



Subject/Page	Date COC	Subject/Page	Date	COC	Subje	ect/Page	Date	COC
OBSERVED F	AULT LIST - ALPHA		FAULT LIST - AL	.PHA	OBS	ERVED F	AULT LIST -	SYSTEM
(cont)		(cont)				1	Feb 15/201	13
54	Feb 15/2016	91	Feb 15/2016			2	Feb 15/201	13
55	Feb 15/2016	92	Feb 15/2016			3	Feb 15/201	13
56	Feb 15/2016	93	Feb 15/2016			4	Feb 15/201	13
57	Feb 15/2016	94	Feb 15/2016			5	Feb 15/201	13
58	Feb 15/2016	95	Feb 15/2016			6	Feb 15/201	13
59	Feb 15/2016	96	Feb 15/2016			7	Feb 15/201	13
60	Feb 15/2016	97	Feb 15/2016		0	8	Jun 15/201	16
61	Feb 15/2016	98	Feb 15/2016		0	9	Jun 15/201	16
62	Feb 15/2016	R 99	Jun 15/2016		0	10	Jun 15/201	16
63	Feb 15/2016	R 100	Jun 15/2016		0	11	Jun 15/201	16
64	Feb 15/2016	O 101	Jun 15/2016		0	12	Jun 15/201	16
65	Feb 15/2016	O 102	Jun 15/2016		0	13	Jun 15/201	16
66	Feb 15/2016	O 103	Jun 15/2016		0	14	Jun 15/201	16
67	Feb 15/2016	104	Feb 15/2016		0	15	Jun 15/201	16
68	Feb 15/2016	105	Feb 15/2016		0	16	Jun 15/201	16
69	Feb 15/2016	106	Feb 15/2016		0	17	Jun 15/201	16
70	Feb 15/2016	107	Feb 15/2016		0	18	Jun 15/201	16
71	Feb 15/2016	108	Feb 15/2016		0	19	Jun 15/201	16
72	Feb 15/2016	109	Feb 15/2016		0	20	Jun 15/201	16
73	Feb 15/2016	110	Feb 15/2016		0	21	Jun 15/201	16
74	Feb 15/2016	111	Feb 15/2016		0	22	Jun 15/201	16
75	Feb 15/2016	112	Feb 15/2016		0	23	Jun 15/201	16
76	Feb 15/2016	113	Feb 15/2016		0	24	Jun 15/201	16
77	Feb 15/2016	114	Feb 15/2016		0	25	Jun 15/201	16
78	Feb 15/2016	R 115	Jun 15/2016		0	26	Jun 15/201	16
79	Feb 15/2016	116	Feb 15/2016		0	27	Jun 15/201	16
80	Feb 15/2016	117	Feb 15/2015		0	28	Jun 15/201	16
81	Feb 15/2016	118	Feb 15/2015		0	29	Jun 15/201	16
82	Feb 15/2016	119	Feb 15/2015		0	30	Jun 15/201	16
83	Feb 15/2016	120	Feb 15/2015		R	31	Jun 15/201	16
84	Feb 15/2016	121	Feb 15/2015		0	32	Jun 15/201	16
85	Feb 15/2016	122	Feb 15/2015		0	33	Jun 15/201	16
86	Feb 15/2016	123	Feb 15/2015		0	34	Jun 15/201	16
87	Feb 15/2016		Feb 15/2015		0	35	Jun 15/201	16
88	Feb 15/2016	124 B 125			0	36	Jun 15/201	16
89	Feb 15/2016	R 125	Jun 15/2016		R	37	Jun 15/201	16
90	Feb 15/2016	126	Feb 15/2015		0	38	Jun 15/201	16

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EFFECTIVE PAGES



Subj	ect/Page	Date	COC	Subj	ect/Page	Date	COC	Subject/Page	Date	COC
1		FAULT LIST - SYS	TEM			AULT LIST - S	YSTEM	CABIN FAULT	LIST (cont)	
(con	-			(con	,			20	Feb 15/2013	
0	39	Jun 15/2016		R	76	Jun 15/2016		CABIN FAULT	LOCATOR	
0	40	Jun 15/2016		0	77	Jun 15/2016		1	Feb 15/2013	
0	41	Jun 15/2016		0	78	Jun 15/2016		2	Feb 15/2013	
0	42	Jun 15/2016		0	79	Jun 15/2016		CABIN FAULT	CODE INDEX	
0	43	Jun 15/2016		0	80	Jun 15/2016		101	Feb 15/2013	
0	44	Jun 15/2016		0	81	Jun 15/2016		102	Feb 15/2013	
R	45	Jun 15/2016		0	82	Jun 15/2016		103	Feb 15/2013	
0	46	Jun 15/2016		0	83	Jun 15/2016		104	Feb 15/2013	
0	47	Jun 15/2016		R	84	Jun 15/2016		105	Feb 15/2013	
0	48	Jun 15/2016		R	85	Jun 15/2016		106	Feb 15/2013	
0	49	Jun 15/2016		R	86	Jun 15/2016		107	Feb 15/2014	
0	50	Jun 15/2016		0	87	Jun 15/2016		108	Feb 15/2014	
0	51	Jun 15/2016		0	88	Jun 15/2016		109	Feb 15/2014	
0	52	Jun 15/2016		0	89	Jun 15/2016		110	Feb 15/2014	
0	53	Jun 15/2016		0	90	Jun 15/2016		111	Feb 15/2014	
0	54	Jun 15/2016		0	91	Jun 15/2016		112	BLANK	
0	55	Jun 15/2016		0	92	BLANK				
0	56	Jun 15/2016		САВ	IN FAULT	LIST				
0	57	Jun 15/2016			1	Feb 15/2013				
0	58	Jun 15/2016			2	Feb 15/2013				
0	59	Jun 15/2016			3	Feb 15/2013				
0	60	Jun 15/2016			4	Feb 15/2013				
0	61	Jun 15/2016			5	Feb 15/2013				
0	62	Jun 15/2016			6	Feb 15/2013				
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0	64	Jun 15/2016			8	Feb 15/2013				
0	65	Jun 15/2016			9	Feb 15/2013				
0	66	Jun 15/2016			10	Feb 15/2013				
0	67	Jun 15/2016			11	Feb 15/2013				
0	68	Jun 15/2016			12	Feb 15/2014				
R	69	Jun 15/2016			13	Feb 15/2014				
0	70	Jun 15/2016			14	Feb 15/2013				
0	71	Jun 15/2016			15	Feb 15/2013				
0	72	Jun 15/2016			16	Feb 15/2013				
0	73	Jun 15/2016			17	Feb 15/2013				
0	74	Jun 15/2016			18	Feb 15/2013				
0	75	Jun 15/2016			19	Feb 15/2013				

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EFFECTIVE PAGES



	Chapter	Date	Title	
	05	Feb 15/2013	TIME LIMITS/MAINTENANCE CHECKS	
R	21	Jun 15/2016	AIR CONDITIONING	
R	22	Jun 15/2016	AUTOFLIGHT	
R	23	Jun 15/2016	COMMUNICATIONS	
R	24	Jun 15/2016	ELECTRICAL POWER	
R	25	Jun 15/2016	EQUIPMENT/FURNISHINGS	
R	26	Jun 15/2016	FIRE PROTECTION	
R	27	Jun 15/2016	FLIGHT CONTROLS	
R	28	Jun 15/2016	FUEL	
R	29	Jun 15/2016	HYDRAULIC POWER	
R	30	Jun 15/2016	ICE AND RAIN PROTECTION	
R	31	Jun 15/2016	INDICATING/RECORDING SYSTEMS	
R	32	Jun 15/2016	LANDING GEAR	
	33	Feb 15/2016	LIGHTS	
R	34	Jun 15/2016	NAVIGATION	
	35	Jun 15/2014	OXYGEN	
R	36	Jun 15/2016	PNEUMATIC	
R	38	Jun 15/2016	WATER/WASTE	
R	46	Jun 15/2016	INFORMATION SYSTEMS	
R	47	Jun 15/2016	INERT GAS SYSTEM	
R	49	Jun 15/2016	AUXILIARY POWER UNIT	
R	52	Jun 15/2016	DOORS	
	56	Jun 15/2013	WINDOWS	
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R	71	Jun 15/2016	POWER PLANT	
R	73	Jun 15/2016	ENGINE FUEL AND CONTROL	
R	74	Jun 15/2016	IGNITION	
R	75	Jun 15/2016	AIR	
R	76	Jun 15/2016	ENGINE CONTROLS	
R	77	Jun 15/2016	ENGINE INDICATION	
R	78	Jun 15/2016	EXHAUST	
R	79	Jun 15/2016	OIL	
R	80	Jun 15/2016	STARTING	

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EFFECTIVE CHAPTERS



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

Revis	sion	Fil	ed	Revi	sion	File	ed
Number	nber Date Initials		Number	Date	Date	Initials	

REVISION RECORD



Rev	ision	Fil	led		Rev	ision	Fi	led
Number	Date	Date	Initials		Number	Date	Date	Initials
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REVISION RECORD



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

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

emporary	Revision	Ins	serted	Rei	moved		Temporary	Revision	Ins	erted	Removed	
Number	Date	Date	Initials	Date	Initials		Number	Date	Date	Initials	Date	Initials
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RECORD OF TEMPORARY REVISIONS



Temporary	Revision	Ins	serted	Rei	moved
Number	Date	Date	Initials	Date	Initials

RECORD OF TEMPORARY REVISIONS



	Number	Incorporated	Started/ Completed	ATA	Subject
A	SB 21A1203	No Effect	· .	-	AIR CONDITIONING - Pack Flow Control and Pack Cooling System - Left Temperature Control Valve and Control Cabin Trim Air Modulating Valve Change
A	SB 22-1295	No Effect		-	AUTOFLIGHT - Digital Flight Control System - Change Altitude Alert Logic to 200/900 Feet
	SB 23-1172	No Effect		-	COMMUNICATIONS - HIGH FREQUENCY (HF) COMMUNICATIONS SYSTEM - HF FERRY FLIGHT KIT INSTALLATION/REMOVAL
	SB 23-1172R1	No Effect		-	COMMUNICATIONS - HIGH FREQUENCY (HF) COMMUNICATIONS SYSTEM - HF FERRY FLIGHT KIT INSTALLATION/REMOVAL
	SB 23-1172R2	No Effect		-	COMMUNICATIONS - HIGH FREQUENCY (HF) COMMUNICATIONS SYSTEM - HF FERRY FLIGHT KIT INSTALLATION/REMOVAL
	SB 23-1475	No Effect		-	COMMUNICATIONS - Passenger Address System - Wiring Changes to Reduce Audio Hum Noise
	SB 23-1475R1	No Effect		-	COMMUNICATIONS - Passenger Address System - Wiring Changes to Reduce Audio Hum Noise
	SB 24-1149R4	No Effect		-	ELECTRICAL POWER - General - Corrosion Protection of the Electrical Connectors in the Main Wheel Well
	SB 24-1165R2	No Effect		-	ELECTRICAL POWER - Standby Power System - Removal and Replacement of the Static Inverter Module
	SB 24-1165R3	No Effect		-	ELECTRICAL POWER - Standby Power System - Removal and Replacement of the Static Inverter Module
	SB 24A1148R1	No Effect		-	ELECTRICAL POWER - General - Corrosion Protection of the Electrical Connectors in the Main Wheel Well

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SERVICE BULLETIN LIST



Number	Incorporated	Started/ Completed	ATA	Subject
SB 25-1709	No Effect		-	EQUIPMENT/FURNISHINGS - Passenger Compartment - Automatic Overwing Exit Door - Door Lining with Rigid Shade - Installation
SB 25-1713	No Effect		-	EQUIPMENT / FURNISHINGS - Flight Compartment - Forward Instrument Panel Foot Guards Installation
SB 25-1716	No Effect		-	EQUIPMENT/FURNISHINGS - Cargo Compartments - Electrical Equipment Rack Line Replaceable Unit Tray Inspection and Replacement
SB 25-1720	No Effect		-	EQUIPMENT/FURNISHINGS - Flight Compartment - Second Observer Seat Structure Inspection
SB 26-1123R6	No Effect		-	FIRE PROTECTION - Engine Fire Detection - Replacement of the Left and/or Right Engine Core Fire Detection Loop A and/or Loop B Harnesses
SB 26-1123R7	No Effect		-	FIRE PROTECTION - Engine Fire Detection - Replacement of the Left and/or Right Engine Core Fire Detection Loop A and/or Loop B Harnesses
SB 26-1123R8	No Effect		-	FIRE PROTECTION - Engine Fire Detection - Replacement of the Left and/or Right Engine Core Fire Detection Loop A and/or Loop B Harnesses
SB 26-1142	No Effect		-	FIRE PROTECTION - Engine Fire Detection - Engine Core Fire Detection Harness and Fire Detector Assembly Bracket Installation
SB 26A1137	No Effect		-	FIRE PROTECTION - Cargo Bay Smoke Detection - Equipment Cooling System Smoke Clearance Mode Operational Test for Cargo Smoke Protection
SB 26A1137R1	No Effect		-	FIRE PROTECTION - Cargo Bay Smoke Detection - Equipment Cooling System Smoke Clearance Mode Operational Test for Cargo Smoke Protection

A = Added, R = Revised

SERVICE BULLETIN LIST



	Number	Incorporated	Started/ Completed	ATA	Subject
	SB 27-1273	No Effect		-	FLIGHT CONTROLS - Aileron and Aileron Trim Control System - Aileron Balance Tab Freeplay Check and Lubrication
	SB 27-1273R2	No Effect		-	FLIGHT CONTROLS - Aileron and Aileron Trim Control System - Aileron Balance Tab Freeplay Check and Lubrication
	SB 27-1273R3	No Effect		-	FLIGHT CONTROLS - Aileron and Aileron Trim Control System - Aileron Balance Tab Freeplay Check and Lubrication
	SB 27A1277	No Effect		-	FLIGHT CONTROLS - Horizontal Stabilizer Trim Control System - Ballscrew and Ball Nut Inspection , Lubrication, and Repair/Overhaul
	SB 27A1277R1	No Effect		-	FLIGHT CONTROLS - Horizontal Stabilizer Trim Control System - Ballscrew and Ball Nut Inspection , Lubrication, and Repair/Overhaul
	SB 27A1277R2	No Effect		-	FLIGHT CONTROLS - Horizontal Stabilizer Trim Control System - Ballscrew and Ball Nut Inspection , Lubrication, and Repair/Overhaul
	SB 27A1296	No Effect		-	FLIGHT CONTROLS - Elevator Tab Control Mechanism Detailed Inspection
	SB 27A1297R1	No Effect		-	FLIGHT CONTROLS - Elevator Tab Control Mechanism Detailed Inspection
	SB 27A1299	No Effect		-	FLIGHT CONTROLS - Elevator Tab Control Mechanism Detailed Inspection and Bearing Retainer Installation
	SB 28-1314	No Effect		-	FUEL - Engine Fuel Feed System - Motor Operated Valve - Actuator Replacement
	SB 28-1324	No Effect		-	FUEL - Fuel Quantity Indicating System - Wire Bundle Separation Change
	SB 28-1324R1	No Effect		-	FUEL - Fuel Quantity Indicating System - Wire Bundle Separation Change
A	SB 28-1327	No Effect		-	FUEL - Water Scavenge Jet Pump - Water Scavenge System Change

A = Added, R = Revised

SERVICE BULLETIN LIST



	Number	Incorporated	Started/ Completed	ATA	Subject
Α :	SB 28-1340	No Effect		-	FUEL - Fuel Quantity Indicating System - Wire Bundle W0422 Wire Replacement
•	SB 29-1114	No Effect		-	HYDRAULIC POWER - Main - Hydraulic Systems A and B Pressure Module Check Valve Inspection and Replacement
•	SB 29-1114R1	No Effect		-	HYDRAULIC POWER - Main - Hydraulic Systems A and B Pressure Module Check Valve Inspection and Replacement
;	SB 29A1119	No Effect		-	HYDRAULIC POWER - Hydraulic Systems A and B - Wire Bundles and Hydraulic Tube Clamp Installation
;	SB 29A1119R1	No Effect		-	HYDRAULIC POWER - Hydraulic Systems A and B - Wire Bundles and Hydraulic Tube Clamp Installation
;	SB 30-1070	JAN 01/1970	S	SECTION 31-62	ICE AND RAIN PROTECTION - PITOT AND STATIC - POLARITY STANDARDIZATION TO ADDRESS UN-ANNUNCIATED FAILURE OF PITOT PROBE HEATERS
;	SB 30-1070R1	JAN 01/1970	S	SECTION 31-62	ICE AND RAIN PROTECTION - PITO AND STATIC - POLARITY STANDARDIZATION TO ADDRESS UN-ANNUNCIATED FAILURE OF PITOT PROBE HEATERS
•	SB 30A1057R2	No Effect		-	ICE AND RAIN PROTECTION - Windshield Wiper System - Change th Windshield Wiper Motor
,	SB 30A1057R3	No Effect		-	ICE AND RAIN PROTECTION - Windshield Wiper System - Change th Windshield Wiper Motor
;	SB 31-1610	No Effect		-	INDICATING/RECORDING SYSTEMS - Common Display System - Display Electronics Unit Operational Program Configuration Software Change
,	SB 32-1191R3	No Effect		-	LANDING GEAR - MAIN GEAR AND NOSE GEAR - INNER CYLINDER AXLE INSPECTION AND REPAIR

A = Added, R = Revised



	Number	Incorporated	Started/ Completed	ATA	Subject
A	SB 32-1408R3	No Effect		-	LANDING GEAR - Wheels and Brakes - Replace Steel Brakes and Wheels with Messier-Bugatti Carbon Brakes and Wheels for 737-700 Airplanes
	SB 32-1429R3	No Effect		-	LANDING GEAR - Wheels and Brakes - Replace Steel Brakes and Wheels with Messier-Bugatti-Dowty Carbon Brakes and Wheels for 737-800 Airplanes
	SB 32-1441R1	No Effect		-	LANDING GEAR - Wheels and Brakes - Replace Steel Brakes and Wheels with Goodrich Carbon Brakes and Wheels for 737-800 Airplanes
	SB 32-1441R2	No Effect		-	LANDING GEAR - Wheels and Brakes - Replace Steel Brakes and Wheels with Goodrich Carbon Brakes and Wheels for 737-800 Airplanes
Α	SB 32-1441R3	No Effect		-	LANDING GEAR - Wheels and Brakes - Replace Steel Brakes and Wheels with Goodrich Carbon Brakes and Wheels for 737-800 Airplanes
	SB 32-1444	No Effect		-	LANDING GEAR - Tires and Wheels - Main Landing Gear Inboard Wheel Hal Inspection
	SB 32-1486	No Effect		-	LANDING GEAR - Main and Nose Landing Gear - Landing Gear External Surface Inspection and Outer Cylinder Assembly Trunnion Bore Inspection
	SB 32-1486R1	No Effect		-	LANDING GEAR - Main and Nose Landing Gear - Landing Gear External Surface Inspection and Outer Cylinder Assembly Trunnion Bore Inspection
	SB 34-2252	JAN 01/1970	S	SECTION 34-61	NAVIGATION - Flight Management Computer System - Flight Managemen Computer Operational Program U11 Software Installation
	SB 34-2252R1	JAN 01/1970	S	SECTION 34-61	NAVIGATION - Flight Management Computer System - Flight Managemen Computer Operational Program U11 Software Installation

A = Added, R = Revised



			Started/		
	Number	Incorporated	Completed	ATA	Subject
	SB 34-2421	No Effect		-	NAVIGATION - Air Data Inertial Reference System - Air Data Inertial Reference Unit Replacement and 2015 Magnetic Variation Table Activation
	SB 34-2421R1	No Effect		-	NAVIGATION - Air Data Inertial Reference System - Air Data Inertial Reference Unit Replacement and 2015 Magnetic Variation Table Activation
	SB 34-2454R1	No Effect		-	NAVIGATION - Air Data System - Altimetry System Test
A	SB 34-2454R2	No Effect		-	NAVIGATION - Air Data System - Altimetry System Test
	SB 34-2600	No Effect		-	NAVIGATION - Flight Management Computer System - Flight Management Computer Operational Program U12 Software Installation
	SB 34-2617	JAN 01/1970	S	SECTION 34-46	NAVIGATION - Enhanced Ground Proximity Warning System - Mode 4 Too Low Flaps Alert and Gear Stuck Down Fault Detection Speed Changes
	SB 34-2617R1	FEB 15/2015	S	SECTION 34-46	NAVIGATION - Enhanced Ground Proximity Warning System - Mode 4 Too Low Flaps Alert and Gear Stuck Down Fault Detection Speed Changes
	SB 34-2618	No Effect		-	NAVIGATION - Enhanced Ground Proximity Warning System - Air Speed Low Alert Changes
	SB 34-2673	JUN 15/2015	S	SECTION 34-61	NAVIGATION - Flight Management Computer System - Change of Options
	SB 34-2734	No Effect		-	NAVIGATION - Low Range Radio Altimeter System - Low Range Radio Altimeter Antenna Inspection
	SB 44-1010	No Effect		-	CABIN SYSTEMS - Broadband Communication - Change Wiring to Enable the Panasonic Wireless In-Flight Entertainment System
	SB 52-1169	No Effect		-	DOORS - Landing Gear Doors - Inboard Main Landing Gear Doors - Inspection and Repair
	SB 52-1175	No Effect		-	DOORS - Forward Entry Door Guide Arm and Roller - Radius Link Pin Change

A = Added, R = Revised



	Number	Incorporated	Started/ Completed	ATA	Subject
	SB 52-1176	No Effect		-	DOORS - Forward Entry Door - Door Handle Torque Test and Upper Hinge Repair
	SB 53A1351	No Effect		-	FUSELAGE - Skin - Window Corner Inspection
Α	SB 53A1352	No Effect		-	FUSELAGE - Skin - S-14 Lap Splice Lower Fastener Row Inspection
Α	SB 53A1352R1	No Effect		-	FUSELAGE - Skin - S-14 Lap Splice Lower Fastener Row Inspection
	SB 54-1051	No Effect		-	NACELLES/PYLONS - Strut to Wing Fairings - Strut Aft Fairing Heat Shield Block Installation
	SB 55-1090R1	No Effect		-	STABILIZERS - Horizontal Stabilizer - Rear Spar Termination Fitting - Inspection
	SB 55A1097	No Effect		-	STABILIZERS - Horizontal Stabilizer - Rear Spar Upper Chord Inspection
	SB 56A1022	No Effect		-	WINDOWS - Flight Compartment - Flight Deck Number 2, Number 4 and Number 5 Windows - Inspection
	SB 56A1022R1	No Effect		-	WINDOWS - Flight Compartment - Flight Deck Number 2, Number 4 and Number 5 Windows - Inspection
	SB 57-1316	No Effect		-	WINGS - Spoilers - Installation of Polyurethane Protective Tape on Lower Skin Surface of Inboard Ground Spoiler Number 6 and 7
	SB 57-1325	No Effect		-	WINGS - Trailing Edge Flaps - Outboard Aft Flap, Inboard Closure Rib Preventive Modification
	SB 57-1325R1	No Effect		-	WINGS - Trailing Edge Flaps - Outboard Aft Flap, Inboard Closure Rib Preventive Modification
Α	SB 57A1327	No Effect		-	WINGS - Leading Edge And Leading Edge Devices - Krueger Flap Inspection

A = Added, R = Revised



Number	Incorporated	Started/ Completed	ATA	Subject
SB 71-1582	No Effect		-	POWER PLANT - General - Intermix One or Substitute Any Combination of CFM56-7B Single Annular Combusto (SAC) Engines or CFM56-7B High Pressure Compressor and/or High Pressure Turbine Technology Insertic Kit Engines for the Two CFM56-7B SAC/3 Technology Insertion Program Base Engines
SB 71-1582R1	No Effect		-	POWER PLANT - General - Intermix One or Substitute Any Combination of CFM56-7B Single Annular Combusto (SAC) Engines or CFM56-7B High Pressure Compressor and/or High Pressure Turbine Technology Insertic Kit Engines for the Two CFM56-7B SAC/3 Technology Insertion Program Base Engines
SB 71-1658	No Effect		-	POWER PLANT - Change One or Two CFM56-7BE Engines for One or Any Combination of Two CFM56-7B Sing Annular Combustor (SAC) Engines of CFM56-7B/3 SAC Engines
SB 71-1658R1	No Effect		-	POWER PLANT - Change One or To CFM56-7BE Engines for One or Any Combination of Two CFM56-7B Sing Annular Combustor (SAC) Engines CFM56-7B/3 SAC Engines
SB 71-1658R2	No Effect		-	POWER PLANT - Change One or To CFM56-7BE Engines for One or Any Combination of Two CFM56-7B Sing Annular Combustor (SAC) Engines CFM56-7B/3 SAC Engines
SB 71-1717	No Effect		-	POWER PLANT - Engine Cowling - Heat Resistant Aluminized Primer Installation to the Lipskin of the Engi Inlet Cowl
SB 71-1725	No Effect		-	POWER PLANT - Power Plant - Installation of Engine Ownership Placard
SB 78-1083	No Effect		-	EXHAUST - Thrust Reverser System Inspection and Change to or Replacement of the Thrust Reverser Actuator Attach Fittings And Actuator Rod Ends

A = Added, R = Revised



Number	Incorporated	Started/ Completed	ATA	Subject
SB 78-1083R1	No Effect		-	EXHAUST - Thrust Reverser System Inspection and Change to or Replacement of the Thrust Reverser Actuator Attach Fittings And Actuator Rod Ends
SB 78-1083R2	No Effect		-	EXHAUST - Thrust Reverser System Inspection and Change to or Replacement of the Thrust Reverser Actuator Attach Fittings And Actuator Rod Ends
SB 78-1093	No Effect		-	EXHAUST - Thrust Reverser Control System - Change Wires, Connectors and Backshells for Wire Bundles W7522 and W8228

A = Added, R = Revised



INTRODUCTION

1. General

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

NOTE: "THIS MANUAL IS PREPARED SPECIFICALLY TO COVER THE BOEING AIRPLANES LISTED IN THE 'LIST OF EFFECTIVE AIRPLANES' SECTION, FOR THE OPERATOR NAMED ON THE TITLE PAGE. IT CONTAINS INSTRUCTIONS AND INFORMATION APPLICABLE SOLELY TO THOSE SPECIFIC AIRPLANES, IN THEIR AS-DELIVERED CONFIGURATION PLUS ANY APPLICABLE BOEING SERVICE BULLETINS OR OTHER OPERATOR CHANGES THE INCORPORATION OF WHICH THE NAMED OPERATOR HAS NOTIFIED BOEING."

NOTE: "THE NAMED OPERATOR IS SOLELY RESPONSIBLE FOR THE ACCURACY AND VALIDITY OF ALL INFORMATION FURNISHED BY THAT NAMED OPERATOR OR ANY OTHER PARTY BESIDES BOEING AND, IF IN RECEIPT OF ACTIVE REVISION SERVICE, THAT ANY MODIFICATIONS TO THE AIRPLANES ARE PROPERLY REFLECTED IN THE MAINTENANCE INSTRUCTIONS CONTAINED IN THIS MANUAL. OPERATORS ARE RESPONSIBLE FOR ENSURING THAT THE MAINTENANCE DOCUMENTATION THEY ARE USING IS COMPLETE AND MATCHES THE CURRENT CONFIGURATION OF THE AIRPLANE. THE BOEING COMPANY ASSUMES NO RESPONSIBILITY IN THIS REGARD. CUSTOMIZATION DOES NOT TRACK THE CONFIGURATION OF AIRCRAFT LISTED ON THE LIST OF EFFECTIVE AIRPLANES PAGE THAT HAVE BEEN CONVEYED TO ANOTHER OPERATOR."

NOTE: "THIS MANUAL IS NOT SUITABLE FOR USE, INCLUDING WITHOUT LIMITATION, GENERAL INSTRUCTIONS OR TRAINING, FOR ANY AIRPLANES NOT LISTED HEREIN, NOR DOES IT NECESSARILY APPLY TO LISTED AIRPLANES THAT HAVE BEEN CONVEYED TO OTHER OPERATORS."

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



(3) The Fault Isolation Manual (FIM) is for the maintenance crews. It contains alphabetical lists and numerical indexes of all the faults given in the FRM. The FIM also has a fault isolation procedure for each of the faults.

2. Types of Faults

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

B. Cabin Faults

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

C. Maintenance Messages

- (1) Maintenance messages are the fault indications that you get from the built-in test BITE feature of a system or individual component. They help you find the cause of an observed fault. These are maintenance messages:
 - (a) A specific light or lights
 - (b) An alphanumeric code
 - (c) A group of English words with or without an associated numeric code.
- (2) Most BITE tests are performed at the front panel of components in the electronic equipment bay. Some BITE is performed in the flight compartment.
- (3) The control display units (CDUs) are in the flight compartment. You can access the BITE for several airplane systems through a CDU.

3. FIM Content - Front Matter

- A. Introductory/Record-Keeping Pages
 - (1) Effective Aircraft
 - (2) Transmittal Letter
 - (3) Effective Pages (for front matter)
 - (4) Effective Chapters
 - (5) Revision Record
 - (6) Record of Temporary Revisions
 - (7) Service Bulletin List
 - (8) Introduction
- B. Observed Fault List



- (1) There are two Observed Fault Lists. For each fault, each list gives a fault code and a FIM task number.
 - (a) The Observed Faults List (Alphabetical) gives an alphabetical list of all observed faults.
 - (b) The Observed Fault List (System Order) groups all of the observed faults into applicable airplane systems. The systems are presented in ATA chapter-section order.
- (2) Each fault description starts with a keyword. It is possible that different users of the FIM will think of a different keyword to describe a given fault. Because of this, you can find a specific fault in several locations in the alphabetical list, with a different keyword in each location. For example, you will find each of these fault descriptions in the alphabetical list, with the same fault code and task number for each one:
 - (a) Boom microphone/headset: does not operate captain's
 - (b) Headset/boom microphone: does not operate captain's
 - (c) Microphone, boom/headset: does not operate captain's
- (3) One of the fault descriptions for a given fault is the "primary" description and the others are "alternate" descriptions. The alphabetical list includes the primary and alternate descriptions for each fault. The system-order list includes only the primary description for each fault. The Fault Code Index in each chapter includes only the primary description for each fault.

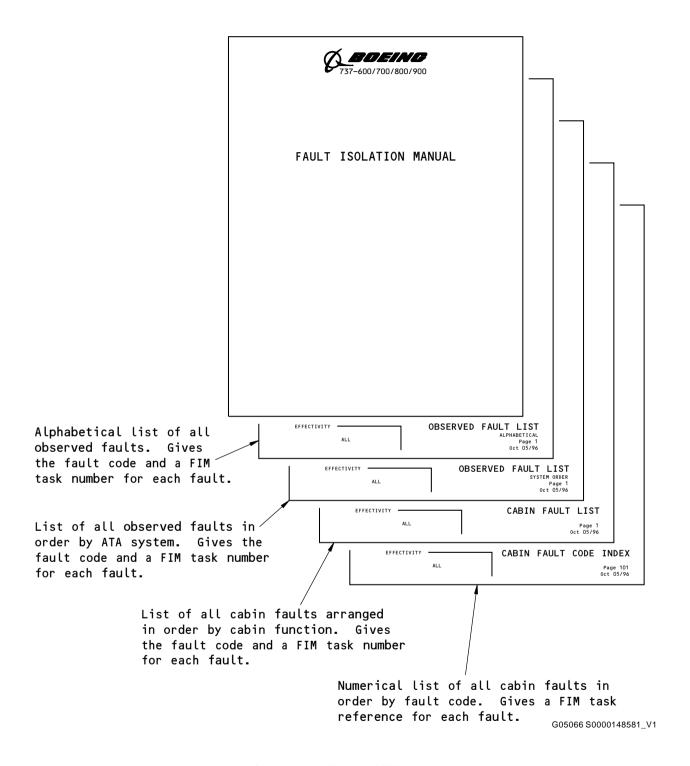
C. Cabin Fault List

- 1) The Cabin Fault List is divided into sections by system. These are the cabin systems:
 - (a) Communications/Public Address
 - (b) Doors/Windows
 - (c) Emergency Equipment
 - (d) Galleys
 - (e) In-Flight Entertainment
 - (f) Lights
 - (g) Miscellaneous
 - (h) Seats
 - (i) Toilets/Lavatories
- (2) In each section of the Cabin Fault List there is an alphabetical list of components. For each component there is a series of possible problems, with a fault code for each problem. There is also a task number if the FIM has a task for the problem.

D. Cabin Fault Code Index

 The Cabin Fault Code Index is in alphanumeric order by fault code. It contains the same information as the Cabin Faults List.





Subjects at Front of FIM Figure 1



4. FIM Content - Numbered Chapters

- A. List of Effective Pages
- B. How to Use the FIM
 - (1) These are simplified illustrations that give a summary of how to use the FIM and the airplane systems BITE to isolate faults. The six illustrations are:
 - (a) Fault Isolation Process
 - (b) Getting Fault Information from BITE
 - (c) Finding the Fault Isolation Task in the FIM
 - (d) Doing the Fault Isolation Task
 - (e) Subjects at the Front of the FIM
 - (f) Subjects in Each FIM Chapter.

Fault Code Index

(1) The Fault Code Index is a numerical list of all fault codes for the chapter. For each code, there is a fault description and a FIM task number. The fault description in the Fault Code Index is the primary description for the fault.

D. Maintenance Message Index

- (1) Maintenance messages are the fault indications that you get from the built-in test BITE feature of a system or individual component. They help you find the cause of an observed fault. These are maintenance messages:
 - (a) A specific light or lights
 - (b) An alphanumeric code
 - (c) A group of English words with or without an associated numeric code.

NOTE: Some components and systems have maintenance messages with associated 7-digit codes (for example: 31-61014 or 73-10212). The first two digits of these codes is the FIM chapter of the system for which the fault applies.

- (2) The Maintenance Message Index is an alphanumeric listing of the fault indications, codes, or messages from the built-in test equipment (BITE) in that chapter. Components with BITE that can only show internal faults will not be included in the Maintenance Message Indexes.
- (3) At the front of each Maintenance Message Index, there is an alphabetical list of all the systems and components that have BITE with messages in the indexes. For each system or component, this list gives the chapter number where you can find the correct Maintenance Message Index.
- (4) All of the maintenance messages from a component or system BITE will be in the Maintenance Message Index of the chapter for the specific component or system. If a maintenance message has an associated 7-digit code, where the first two digits are not the same chapter as the component or system BITE, you will also find it in the Maintenance Message Index of the chapter that is the first two digits of the code. This is an example:
 - (a) The PSEU maintenance message "52-71001 FWD ENT DOOR OPEN" is in the Maintenance Message Index for the PSEU (Chapter 32) and is also in the Chapter 52 Maintenance Message Index.

E. Tasks



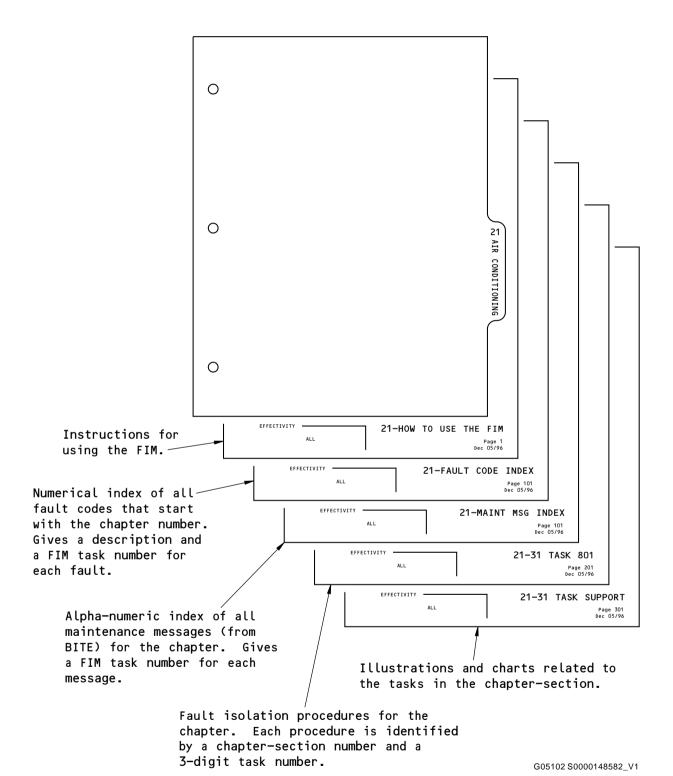
- (1) The fault isolation procedures in the FIM are structured as tasks according to the Aircraft Maintenance Task-Oriented Support System (AMTOSS) format described in ATA Specification 100. The introduction to the Aircraft Maintenance Manual (AMM) has a more detailed description of AMTOSS.
- (2) Fault isolation tasks are grouped together at the chapter-section level. The tasks are arranged in numerical order by AMTOSS task number.
- (3) If there is a system or component that has BITE with any of these qualities, you will find the BITE procedure as the first task in the applicable chapter-section:
 - (a) The BITE test is not easy to do
 - (b) The BITE has maintenance messages for external faults as well as for internal faults.
 - (c) There are steps that you need to do to prepare for the BITE test.
- (4) For details on the structure and content of FIM tasks, refer to the paragraph below, "Fault Isolation Task Features".
- F. Task Support

CAUTION: MAKE SURE THAT YOU DO ALL OF THE STEPS TO THE END OF THE TASK.

LARGE BLANK SPACES CAN OCCUR AT THE BOTTOM OF PAGES WHICH DO NOT ALWAYS INDICATE THAT YOU ARE AT THE END OF THE TASK. IF YOU DO NOT MAKE SURE THAT YOU COMPLETED THE TASK, DAMAGE TO THE EQUIPMENT OR SYSTEM MALFUNCTION COULD OCCUR.

(1) The fault isolation Task Support pages appear in certain chapter-sections at the end of the final task. These pages contain illustrations and charts to support the fault isolation tasks. They include simplified schematics, and component location and access illustrations.





Subjects in Each FIM Chapter Figure 2

INTRODUCTION

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5. Using the FIM to Isolate Faults

- A. Observed Fault
 - (1) You can find the FIM task for an observed fault by two methods; by the fault code, or by the fault description.
 - (2) If you have a fault code for the observed fault (possibly reported by the flight crew), then use the Fault Code Index.
 - (a) Look at the first two digits of the fault code. This is the FIM chapter number you need. Go to that chapter in the FIM and find the Fault Code Index near the front of the chapter.
 - (b) Find the fault code for the observed fault in the Fault Code Index.
 - (c) To correct the problem now, read the task number in the GO TO FIM TASK column on the same line as the fault code.
 - (d) Find the specified task in the applicable section of the FIM and do the steps in the task.
 - (3) If you do not have a fault code for the observed fault, then use one of the Observed Fault Lists.
 - (a) If you know the ATA chapter-section number of the system for which the fault applies, then go to the Observed Fault List (System Order) near the front of the FIM. Find the applicable system in the Observed Fault List (System Order).
 - (b) If you do not know the ATA chapter-section number of the system for which the fault applies, then go to the Observed Fault List (Alphabetical) near the front of the FIM.
 - (c) Think of a word related to the observed fault (this keyword will be the first word of the fault description).
 - (d) Find the fault description in the Observed Fault List (look for the keyword alphabetically).NOTE: If you do not find the fault, try a different keyword.
 - (e) To correct the problem now, read the task number in the GO TO FIM TASK column on the same line as the fault description.
 - NOTE: If you want the fault code for the observed fault, you will find it adjacent to the task number.
 - (f) Find the specified task in the applicable section of the FIM and do the steps in the task.

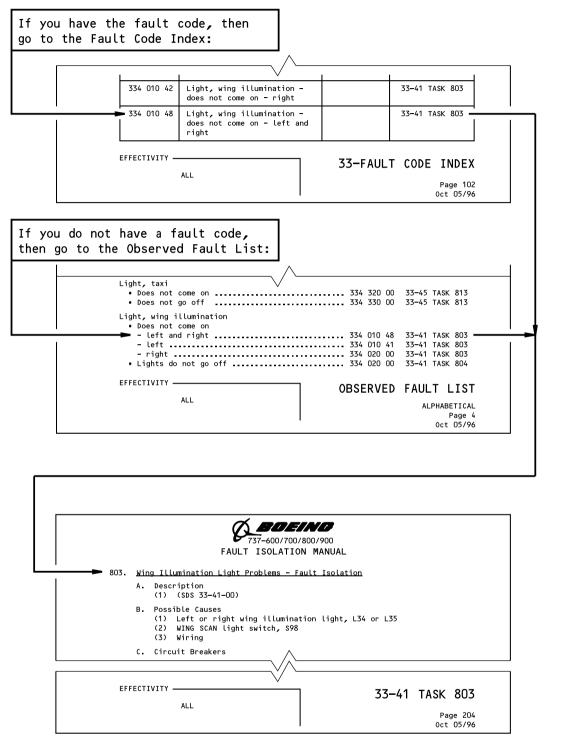
B. Cabin Fault

- (1) You can find the FIM task for an cabin fault by two methods; by the fault code, or by the fault description.
- (2) If you have a fault code for the cabin fault (possibly reported by the flight crew or cabin crew), then use the Cabin Fault Code Index.
 - (a) Go to the Cabin Fault Code Index near the front of the FIM (it is immediately after the Cabin Fault List).
 - (b) Find the fault code for the cabin fault in the Cabin Fault Code Index.
 - (c) On the same line as the fault code, look for a task number in the GO TO FIM TASK column.
 - If there is a task number in the GO TO FIM TASK column, then find the specified task in the FIM and do the steps in the task.
 - 2) If "AIRLINE METHOD" is in the GO TO FIM TASK column, then there is no task for the problem in the FIM. Follow your airline's method to correct the problem.
- (3) If you do not have a fault code for the cabin fault, then use the Cabin Fault List.
 - (a) Go to the Cabin Fault List near the front of the FIM.



- (b) Find the pages for the general cabin system (galleys, seats, etc.).
- (c) Find the component and problem description for the applicable cabin fault.
 - NOTE: If you want the fault code for the cabin fault, you will find it adjacent to the task number.
- (d) On the same line as the fault description, look for a task number in the GO TO FIM TASK column.
 - 1) If there is a task number in the GO TO FIM TASK column, then find the specified task in the FIM and do the steps in the task.
 - 2) If "AIRLINE METHOD" is in the GO TO FIM TASK column, then there is no task for the problem in the FIM. Follow your airline's method to correct the problem.

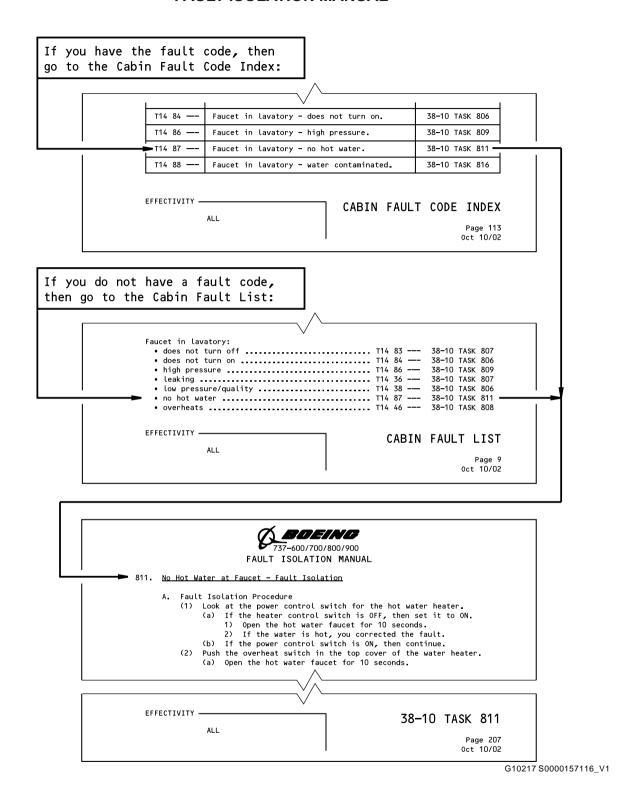




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Fault Isolation Process for Observed Fault Figure 3





Fault Isolation Process for Cabin Fault Figure 4



6. Fault Isolation Task Features

A. General

- (1) The FIM is a tool to help you operate the airplane economically. The procedures in the FIM help you to quickly isolate the cause of each airplane fault.
- (2) To isolate the cause of a fault, you can also use your knowledge from:
 - (a) Your past experience with airplane faults
 - (b) The conditions under which the fault occurred
 - (c) The history of faults on your airplane or your fleet.
- (3) It is not a requirement to do the steps in the FIM procedure in the order shown. But if you do not plan to follow the FIM procedure exactly, make sure that you read it before you start to isolate the fault. Some FIM procedures start with important steps that have an effect on other steps later in the procedure.

B. Description

(1) The Description paragraph gives information on the conditions that can cause the fault. This paragraph can describe the logic, conditions, and inputs for some faults. The Description paragraph can give a reference to a part of the System Description Section (Part I) of the Aircraft Maintenance Manual.

C. List of Possible Causes

- (1) The list of possible causes gives you a way to quickly see the causes that you will find in the Fault Isolation Procedure.
- (2) If you use the maintenance records of your airline to see if the fault occurred before, then you can find which steps in the fault isolation task were done in the past and prevent repetition of the same maintenance actions.
- (3) You can use this list to find what necessary parts are available before you begin the Fault Isolation Procedure.
- (4) The list of possible causes has a sequence. The most likely cause is first and the least likely cause is last.

D. List of Circuit Breakers

- (1) The list of circuit breakers gives you way to quickly know which circuit breakers are part of the circuit that has the problem.
- (2) The list gives the name of the circuit breakers the same as you will see on the panel.
- (3) There is an alphanumeric code before the name of the circuit breaker. This code gives the panel and the location of the circuit breaker on the panel. The number at the start of the code is the panel number. The letter and the numbers that follow are the grid location for the circuit breaker on the panel. For example; for 18D4, "18" is the Electrical Load Circuit Breaker Panel (P18), "D" is the column on the P18 panel, and "4" is the row on the P18 panel.

E. Related Data

(1) The Related Data paragraph gives references to other data that applies to the problem. The references can be to the Task Support section in the FIM, the System Schematics Manual, or the Wiring Diagram Manual.

F. Initial Evaluation

(1) Most fault isolation tasks have an Initial Evaluation paragraph. The purpose of the Initial Evaluation is to verify that the fault condition still exists before you start the Fault Isolation Procedure. The Initial Evaluation paragraph can also have you do a quick check to learn more about the fault.



- (2) When a specific fault occurs, the steps in the Initial Evaluation will usually verify that the fault exists. Then they will instruct you to do a Fault Isolation Procedure that follows the Initial Evaluation.
- (3) When the Initial Evaluation cannot verify that the fault exists at the present time, then the steps in the task cannot isolate the fault. In this case, the Initial Evaluation will tell you that there was an intermittent fault.
 - (a) If you have an intermittent fault, then follow your airline's policy for intermittent faults.
 - (b) Use your judgement and the maintenance records of your airline to decide what action to take.
 - (c) Monitor the airplane to see if the fault occurs on subsequent flights.
 - (d) If the fault occurs on subsequent flights, then use your judgement to determine which other maintenance action to take.
- (4) There is no Initial Evaluation paragraph for observed faults whose existence is readily apparent (for example: wiper blade missing, drain mast frozen, ceiling panel wet). Also, there is no Initial Evaluation paragraph for observed faults whose existence cannot be verified on the ground (for example: engine surge, autopilot problem).
- (5) Generally, it is not a requirement to do the Initial Evaluation. However, it is recommended that you always do the Initial Evaluation because it will tell you whether the fault isolation procedure can isolate the fault.
- (6) Part or all of the Initial Evaluation can be necessary to set some initial conditions or to find out which Fault Isolation Procedure to do. There will be a note or a step at the beginning of the Fault Isolation Procedure to tell you if any of the Initial Evaluation is necessary.

G. Assumed Conditions at Start of Task

- (1) Each fault isolation task starts with these assumptions (unless the task tells you differently):
 - (a) External electrical power is on.
 - (b) Hydraulic power is off.
 - (c) Pneumatic power is off.
 - (d) Engines are shut down.
 - (e) All circuit breakers for the system are closed.
 - (f) No equipment in the system is deactivated.
 - (g) The fault was caused by a single failure, not multiple simultaneous failures.

H. Fault Isolation Steps

- The Fault Isolation Procedure is a sequence of steps which provide several paths to isolate the fault.
- (2) There can be a paragraph at the beginning of the procedure to prepare the airplane or system for fault isolation. This will be followed, at the end of the path, by a paragraph to return the airplane or system to normal.
- (3) There can be one or more quick checks near the beginning of the procedure. This will help you do much fault isolation in a small amount of time. The quick checks will direct you to the next step to begin the fault isolation path.
- (4) The steps that follow any quick checks are more specific checks of the possible causes. The order of the more specific checks of the possible causes can differ from that in the list of possible causes. A specific check of a possible cause that is not the most probable can be quick and easy. For this reason, it can show before the specific check for a possible cause that is more probable.



- (5) To follow the correct path through the Fault Isolation Procedure, remember these rules:
 - (a) Do the steps of the task in the specified order.
 - (b) Obey the "If ... then" statements that you see. These will guide you along the correct path.
 - (c) When you are at the endpoint of the path, the step says "You corrected the fault."
 - (d) When you see these words, complete the step you are on (if it is necessary). You have now completed the fault isolation.

I. Replacing Components

(1) The steps of the fault isolation task make a clear distinction between the installation of a new component and installation of the same component you removed.

(2) REPLACE

(a) When a step tells you to "Replace" a component, then remove the specified component and install a new component from your airline's stock of spare parts.

(3) RE-INSTALL

(a) In some procedures, a step tells you to remove a component so that you can do a specific check. If the subsequent steps say "Re-install" the component, then install the same component that you removed previously.

(4) INSTALL A NEW

(a) In some procedures, a step tells you to remove a component so that you can do a specific check. If the subsequent steps say "Install a new" component, then install a new or certified serviceable component from your airline's stock of spare parts.

(5) EXCHANGE

(a) If a step tells you to "Exchange" two interchangeable components, then you remove both components, move each component to the other's location, then install those two components. This step is used in some procedures to see if the fault is in the component and moves with the component to the other location.

J. Repair Confirmation

- (1) After each corrective action in a Fault Isolation Procedure, there are steps that will verify that you corrected the fault.
 - (a) If the steps to confirm the repair tell you that "you corrected the fault", then you know that the fault is gone.
 - (b) If the steps are short, they are inside the paragraph.
 - (c) If the steps are long, they are in a separate "Repair Confirmation" section at the end of the task.
 - (d) In the Repair Confirmation paragraph, after the corrective action, if the steps tell you that the fault still exists, then return to the subsequent step of the fault isolation procedure (the step after the one that referred you to the Repair Confirmation).

K. References to Other Manuals

- (1) References to tasks in the Aircraft Maintenance Manual (AMM) or to subjects in other manuals look like this:
 - (a) AMM TASK 12-14-01-600-802 p301
 - (b) AMM TASK 21-27-01-400-801 p401
 - (c) FIM 21-31 TASK 804



- (d) FIM 21-31 TASK SUPPORT Fig. 302
- (e) SSM 29-11-01
- (f) WDM 27-02-44
- (g) SWPM 20-60-01
- (2) The first two examples above are references to tasks in the AMM. The first six digits of the task number give the AMM chapter-section-subject (12-14-01, 21-27-01). The three digits after the letter "p" (p301, p401) give the first page of the page block that has the task. The third and fourth examples are references to another task in the FIM and to an illustration in the FIM. The last three examples above are references to other manuals.
- (3) AMM = Aircraft Maintenance Manual
- (4) FIM = Fault Isolation Manual
- (5) SSM = System Schematics Manual
- (6) WDM = Wiring Diagram Manual
- (7) SWPM = Standard Wiring Practices Manual

L. Electrical Checks

- (1) Electrical checks are used at components to find if they have a fault. Electrical checks are also used to find a problem in the wiring (also referred to as wiring checks).
- (2) A step can tell you to do a specific electrical check. When a step says "Do a wiring check", These are the checks you must do:
 - (a) Examine any connectors that you disconnect for contamination, damage, and bent or pushed back pins
 - (b) Do these three types of electrical checks for the specified contacts (pins):
 - 1) Continuity from pin to pin
 - 2) Short circuits between the pins
 - 3) Short circuits from each pin to structure ground.
- (3) ARINC 429 Wiring Checks
 - (a) An ARINC 429 wiring circuit connects a transmitting LRU to one or more receiving LRUs.
 - (b) To check the resistance between two pins of an ARINC 429 wiring circuit, first remove all LRUs which are connected to the circuit (refer to the applicable wiring diagram or schematic to see which LRUs are connected to the circuit).
 - This will prevent effects on the measurement from the resistance of the ARINC 429 receivers and transmitters in the LRUs.
 - 2) This will prevent damage to connected LRUs by test equipment that operates at a high voltage (for example, when you use an ohmmeter which measures very high resistances to check for insulation problems).
 - (c) To make electrical measurements at ARINC 600 connectors, use the break out, A34016-XX to get access to the electrical contacts.
 - (d) After you complete the wiring check (and the subsequent wiring repair, if it is necessary), re-install the LRUs you removed.



7. Tool Lists

The tables that follow show all of the tools that are referred to in this manual.

There is a table for each type of tool. The data in each table is sorted by the GSE requirement identifier.

- The table for Standard Tools shows the standard tools.
- The table for Commercial Tools shows the tools that are commercially available.
- The table for Special Tools shows the tools that are manufactured for specific requirements.
- When there is a fourth table, it shows the airline-specific tools.

Table 1 Standard Tools

Reference	Description			
STD-266	Detector Unit - Combustible Gas			
STD-274	DMM - with inductance measuring capabillty			
STD-442 Gun - Heat, 180° F (82° C) Maximum Output Temperature				
STD-1054	Container - Fuel Resistant, 5-Gallon (19-Liter)			
STD-1062	Lock - Circuit breaker, Open Position, Approved for Flight			
STD-1122	Thermometer - Alcohol/Mercury (or equivalent meter meets task requirements)			
STD-1158	Container - 20 Gallon (76 Liter)			
STD-1223	Collector - Graduated (Scaled)			
STD-1231	Multimeter - Standard			
STD-1390	Headphone - 600 Ohm, with 1/4 Inch Mono RCA Audio Plug			
STD-1397	Gauge - Force			
STD-1454	Regulator - Pressure, 0 to 250 PSI with Pressure Gauge, 3/8 Inch ID Connections			
STD-1455	Source - Nitrogen, 0-250 PSIG			
STD-3907	Mirror - Dental			
STD-3914	Gauge - Hydraulic Pressure, 0 to 2100 psi (0 to 14479 kPa)			
STD-7422	Torque Meter - 0-15 inch-pounds, With a Resolution of +/- 1 inch-pound			
STD-7618	Ohmmeter - Standard			
STD-12563	Lamp - 28V DC, 500 mA			
STD-13619	Viscometer			

Table 2 Commercial Tools

Reference	Description	Part Number	Supplier	A/P Effectivity
COM-1276	Tester - Insulation Resistance (Output Test Voltage 100/250/500/1000 VDC or equivalent)	212459 (OR 212459CL)	1UZZ9	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER



Table 2 Commercial Tools (Continued)

Reference	Description	Part Number	Supplier	A/P Effectivity
COM-1276 (Cont)		L-5	60336	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 656	2K742	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
COM-1557	Gauge - Force	DG-200	92456	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		FDIX 100	0BFD9	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		FDIX 50	0BFD9	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		LG-050	92456	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		LG-100	92456	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: DPP-500G	92456	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: DPPH-150	92456	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER



Table 2 Commercial Tools (Continued)

Reference	Description	Part Number	Supplier	A/P Effectivity
COM-1557 (Cont)		Opt: DPPH-200	92456	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: DPPH-50	92456	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: FDI 100	0BFD9	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: FDI 50	0BFD9	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: FDV 100	0BFD9	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: FDV 50	0BFD9	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
COM-1562	Analyzer - Data Bus, ARINC 429	01-1001-05	0Z3C6	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		01-1001-12	0Z3C6	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		403557	\$1272	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER



Table 2 Commercial Tools (Continued)

Reference	Description	Part Number	Supplier	A/P Effectivity
COM-1562 (Cont)		800-0630	1JSZ6	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		DT400H	0Z3C6	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		TYPE 030/026	\$0494	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		UA1410	0H231	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 01-1001-10	0Z3C6	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 01-1404-00	41364	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 429EBP	41364	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 429EX	41364	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 702125-01	\$1272	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER



Table 2 Commercial Tools (Continued)

	Reference	Description	Part Number	Supplier	A/P Effectivity
C	COM-1562 (Cont)		Opt: MODEL 429HBA	5J927	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
C	COM-1572	Thermometer - Infrared, Intrinsically Safe	EX-MP4 A	3GT36	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
			Opt: DHS24XC-FM	08086	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
			Opt: DHS24XF-FM	08086	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
			Opt: IR-16L3 IS	75037	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
C	COM-1741	Meter - LCR (Inductance, Capacitance, Resistance)	875B	08098	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
			878B	08098	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
			879B	08098	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
			Opt: 878A	08098	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER



Table 2 Commercial Tools (Continued)

Reference	Description	Part Number	Supplier	A/P Effectivity
COM-1741 (Cont)		Opt: 879	08098	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
COM-1793	Multimeter - Digital/Analog (or equivalent meter meets task requirements)	117	89536	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		260-8XPI	55026	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		287	89536	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		289	89536	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		87V	89536	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		FLUKE 27 II	89536	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		FLUKE-77-4	89536	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 187	89536	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER



Table 2 Commercial Tools (Continued)

Reference	Description	Part Number	Supplier	A/P Effectivity
COM-1793 (Cont)		Opt: 189	89536	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 21	89536	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 77 SERIES III	89536	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 87	89536	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: FLUKE 27	89536	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
COM-1797	Stethoscope - Mechanics, 12 Inch Probe	GA111D	55719	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: GA111C	55719	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
COM-5187	Reflectometer - Time Domain (TDR)	1205CXA	93929	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		1270A	93929	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER



Table 2 Commercial Tools (Continued)

Reference	Description	Part Number	Supplier	A/P Effectivity
COM-5187 (Cont)		6021-5154	1UW81	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 1205	0GXM1	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 1270	0GXM1	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 1502C	80009	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: 900AST	53387	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
COM-7456	Analyzer - Oxygen	MODEL 111B	1UM84	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
COM-7517	Test Kit - Oil Condition	MODEL V-3A	96009	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: MODEL V-3	96009	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
COM-8676	Insulation Resistance Tester	L-5	60336	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER



Table 3 Special Tools

Reference	Description	Part Number	Supplier	A/P Effectivity
SPL-1585	Kit - Rigging Pins, All Systems	F70207-109	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
SPL-1655	Equipment - Test, APU/Engine Fire Detection System	C26005-1	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
SPL-1676	Assembly - Lock, Flight Controls (used with valves p/n 10-60710-2 and 10-60710-6)	F80049-66	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: F80049-17	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: F80049-31	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: F80049-46	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
SPL-1681	Adapter - Force Check Tool, Rudder Pedal	F80212-30	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
SPL-1690	Actuators/Deactuators Set - Proximity Sensor	8-758-01	08748	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		A27092-106	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER



Table 3 Special Tools (Continued)

Reference	Description	Part Number	Supplier	A/P Effectivity
SPL-1690 (Cont)		Opt: A27092-84	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
SPL-1771	Equipment - Alignment, Fuel Shutoff Valve	B28009-1	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
SPL-2462	Deactivator - Check Valve	C21006-7	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: C21006-1	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: PF80-012-500	053H3	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
SPL-6190	Equipment - Force Gage, Landing Gear Lever	G32021-18	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
SPL-11153	Air Sampler, Aircraft Pneumatic System	J21009-48	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: J21009-33	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
SPL-12921	Test Box - Compartment Overheat Detection Module/M237 (contains extender box, and cable)	C26007-72	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER



Table 3 Special Tools (Continued)

Reference	Description	Part Number	Supplier	A/P Effectivity
SPL-12921 (Cont)		Opt: C26007-1	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
SPL-12922	Extender Box - Compartment Overheat Detection Module/M237, C26007-3 (part of C26007-1 Kit)	Opt: C26007-1	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
SPL-12923	Adapter Cable - Compartment Overheat Detection Module/M237, C26007-4 (part of C26007-1 or -72 Kit)	C26007-72	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: C26007-1	81205	737-600, -700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
SPL-13463	Test Cabling - 737 BSI (Boeing Sky Interior) Light Assemblies (for airplane with BSI only)	C33001-58	81205	737-700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER
		Opt: C33001-1	81205	737-700, -700BC, -700BJ, -700C, -700ER, -700QC, -800, -800BJ, -900, -900BJ, -900ER



FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
A/P amber warning annunciator light		
• light on flashing, autopilot went to CWS mode	221 020 00	22-11 TASK 801
A/P red warning annunciator light		
• light on steady	221 010 00	22-11 TASK 801
A/T amber warning annunciator light		
• light on flashing	223 120 00	22-32 TASK 801
A/T LIMIT indication shows on autothrottle thrust mode display	223 220 00	22-32 TASK 815
AC and DC metering panel		
has missing segments	243 030 00	24-31 TASK 827
AC Generator Drive System		
DRIVE Light is illuminated		
- GEN-1	241 010 01	24-11 TASK 801
- GEN-2	241 010 02	24-11 TASK 802
DRIVE Light is not illuminated		
- GEN-1	241 012 01	24-11 TASK 804
- GEN-2	241 012 02	24-11 TASK 805
Red DPI Button is extended		
- GEN-1	241 011 01	24-11 TASK 803
- GEN-2	241 011 02	24-11 TASK 803
ACARS		
does not operate correctly	232 310 00	23-27 TASK 801
Out-Off-On-In (OOOI) value not correct	232 314 00	23-27 TASK 807
Accessory compartment light		
does not come on	333 050 00	33-30 TASK 801
Does not go off	333 051 00	33-30 TASK 801
ADF		
Audio problem		
- no. 1	345 310 01	34-57 TASK 806
- no. 2	345 310 02	34-57 TASK 807

AKS ALL

OBSERVED FAULT LIST

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
ADF (continued)		
 Bearing pointer 1 does not show, ADF flag does not show 		
- no. 1	345 370 01	34-57 TASK 820
 Bearing pointer 2 does not show, ADF flag does not show 		
- no. 2	345 370 02	34-57 TASK 821
indication blank		
- no. 1 captain's	345 320 31	34-57 TASK 808
- no. 1 captain's and first officer's	345 320 48	34-57 TASK 810
- no. 1 first officer's	345 320 32	34-57 TASK 809
- no. 2 captain's	345 330 31	34-57 TASK 811
- no. 2 captain's and first officer's	345 330 48	34-57 TASK 813
- no. 2 first officer's	345 330 32	34-57 TASK 812
Tone problem		
- no. 1	345 340 01	34-57 TASK 814
- no. 2	345 340 02	34-57 TASK 815
ADF control panel problem	345 380 00	34-57 TASK 822
ADF flag shows on the display		
- no. 1 captain's	345 350 31	34-57 TASK 816
- no. 1 first officer's	345 350 32	34-57 TASK 817
- no. 2 captain's	345 360 31	34-57 TASK 818
- no. 2 first officer's	345 360 32	34-57 TASK 819
AFT cargo fire light		
light on (false alarm)	261 225 45	26-16 TASK 801
AFT SUPPLY DUCT air temperature indication is not correct	216 170 00	21-61 TASK 860
AFT ZONE CABIN air temperature indication is not correct	216 120 00	21-61 TASK 857
Aileron		
Does not go back to neutral		
- left	271 060 41	27-11 TASK 803
- left and right	271 060 48	27-11 TASK 802
- right	271 060 42	27-11 TASK 803

AKS ALL

OBSERVED FAULT LIST

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Aileron (continued)		
does not move to full travel		
- left	271 010 41	27-11 TASK 805
- left and right	271 010 48	27-11 TASK 806
- right	271 010 42	27-11 TASK 805
does not operate		
- left	271 020 41	27-11 TASK 807
- left and right	271 020 48	27-11 TASK 812
- right	271 020 42	27-11 TASK 807
• high trim	271 120 00	27-11 TASK 816
slow response to contol wheel movement, hydraulic		
power on	271 110 00	27-11 TASK 808
Aileron trim		
• left wing down and right wing down does not operate	271 050 48	27-11 TASK 815
left wing down does not operate	271 050 41	27-11 TASK 814
right wing down does not operate	271 050 42	27-11 TASK 814
Air		
no flow from foot outlet		
- captain's	212 020 31	21-22 TASK 801
- first officer's	212 020 32	21-22 TASK 801
no flow from windshield outlet		
- captain's	212 010 31	21-22 TASK 801
- first officer's	212 010 32	21-22 TASK 801
Air conditioning compartment light		
does not come on		
- left	333 030 41	33-30 TASK 801
- right	333 030 42	33-30 TASK 801
Does not go off		
- left	333 031 41	33-30 TASK 801
- right	333 031 42	33-30 TASK 801
Air inlet door, for the APU		
Does not fully open or fully close	491 010 00	49-60 TASK 801

AKS ALL

OBSERVED FAULT LIST

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Air mode		
Shows with the airplane on the ground	320 020 00	32-09 TASK 801
Air outlet, foot		
• no flow		
- captain's	212 020 31	21-22 TASK 801
- first officer's	212 020 32	21-22 TASK 801
Air outlet, windshield		
• no flow		
- captain's	212 010 31	21-22 TASK 801
- first officer's	212 010 32	21-22 TASK 801
AIR TEMP indication not correct		
- air temperature selector at AFT SUPPLY DUCT	216 170 00	21-61 TASK 860
- air temperature selector at AFT ZONE CABIN	216 120 00	21-61 TASK 857
- air temperature selector at CONT CAB SUPPLY		
DUCT	216 140 00	21-61 TASK 858
- air temperature selector at FWD SUPPLY DUCT	216 180 00	21-61 TASK 859
- air temperature selector at FWD ZONE CABIN	216 130 00	21-61 TASK 856
- air temperature selector at PACK L	215 060 00	21-61 TASK 854
- air temperature selector at PACK R	215 070 00	21-61 TASK 855
Airframe		
Vibration or lateral oscillation is excessive	055 170 00	05-51 TASK 813
Airspeed display		
does not show		
- captain's	342 045 31	31-63 TASK 809
- first officer's	342 045 32	31-63 TASK 809
 minimum manuever speed or minimum speed on captain's PFD disagrees with first officer's PFD 	342 044 00	34-21 TASK 830
Shows IAS DISAGREE message		
- captain's	342 046 31	31-62 TASK 876
- first officer's	342 046 32	31-62 TASK 876
Airstair tread light		
does not come on	334 290 00	33-40 TASK 801
Does not go off	334 291 00	33-40 TASK 801

AKS ALL

OBSERVED FAULT LIST

ALPHABETICAL Page 4 Feb 15/2016



FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
ALIGN lights for the L and R IRS		
lights on flashing	342 230 00	34-21 TASK 805
ALT DISAGREE message shows on airpseed display		
- captain's	342 091 31	31-62 TASK 875
- first officer's	342 091 32	31-62 TASK 875
ALT flag shows on integrated standby flight display	342 602 00	34-24 TASK 805
ALT flag shows on the EFIS display		
- captain's	342 080 31	34-21 TASK 827
- first officer's	342 080 32	34-21 TASK 828
Altitude display		
• is blank		
- captain's	342 090 31	31-63 TASK 809
- first officer's	342 090 32	31-63 TASK 809
 shows ALT DISAGREE message 		
- captain's	342 091 31	31-62 TASK 875
- first officer's	342 091 32	31-62 TASK 875
Altitude reporting		
does not operate		
- ATC switch at 1	345 110 01	34-53 TASK 801
- ATC switch at 1 or 2	345 110 48	34-53 TASK 801
- ATC switch at 2	345 110 02	34-53 TASK 801
ALTITUDE window display on the mode control panel		
• does not change with altitude selector switch change	221 770 00	22-11 TASK 803
does not show	221 780 00	22-11 TASK 803
ALTN mode light for the EEC		
 light did not come on during the EEC test 		
- engine 1	730 350 51	73-05 TASK 810
- engine 2	730 350 52	73-05 TASK 810
• light on		
- engine 1	730 080 51	73-05 TASK 811
- engine 2	730 080 52	73-05 TASK 811

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Angle of attack (AOA) indication on PFD		
captain's and first officer's indicators do not agree	342 151 00	34-21 TASK 834
Anti-collision (strobe) light		
Does not go off		
- left wing	334 250 41	33-44 TASK 801
- right wing	334 250 42	33-44 TASK 801
- tail	334 260 00	33-44 TASK 801
Anti-collision light		
does not come on correctly		
- left wing	334 230 41	33-44 TASK 801
- lower	334 270 47	33-44 TASK 801
- right wing	334 230 42	33-44 TASK 801
- tail	334 240 00	33-44 TASK 801
- upper	334 270 46	33-44 TASK 801
Does not go off		
- lower	334 280 47	33-44 TASK 801
- upper	334 280 46	33-44 TASK 801
ANTI-ICE & RAIN ENG 1 & WING CONT circuit breaker tripped	301 121 00	30-11 TASK 810
ANTISKID INOP light		
• light on	324 070 00	32-42 TASK 829
AOA DISAGREE message shows on PFDs	342 151 00	34-21 TASK 834
APU		
air inlet door does not fully open or fully close	491 010 00	49-60 TASK 801
• backfire	492 150 00	49-55 TASK 801
does not start, FAULT light on	492 100 00	49-60 TASK 801
does not start, MAINT light on	492 110 00	49-60 TASK 801
does not start, no APU indication lights on	492 130 00	49-15 TASK 805
does not start, OVER SPEED light on	492 120 00	49-60 TASK 801
• fire false alarm	261 060 00	26-10 TASK 801
fuel valve does not fully open or fully close	493 010 00	49-60 TASK 801
• oil consumption high	492 140 00	49-95 TASK 801
on concumption mgn	702 170 00	70-00 IAON 001

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
APU (continued)		
Surges during main engine start	492 160 00	49-55 TASK 808
Vibration is excessive	491 020 00	49-15 TASK 807
APU BITE INOP message shows on the CDU	496 010 00	49-65 TASK 801
APU BOTTLE DISCHARGED light for the APU fire extinguishing system		
• light on	262 070 00	26-20 TASK 802
APU DET INOP light		
• light on	261 050 00	26-10 TASK 801
APU EGT indicator		
does not operate correctly	497 010 00	49-75 TASK 801
APU FAULT light		
• light on, APU had a protective shutdown	492 010 00	49-60 TASK 801
• light on, APU operates without a protective shutdown	492 020 00	49-15 TASK 801
APU fire detector fault	261 050 00	26-10 TASK 801
APU fire extinguishing		
APU light on fire control panel comes on when not commanded	262 221 00	26-20 TASK 806
Bottle does not release extinguishant automatically, extinguishant releases when manually activated	262 140 00	26-20 TASK 805
Bottle does not release extinguishant when activated at the remote APU fire control panel	262 130 00	26-20 TASK 804
Bottle does not release extinguishant when the fire handle is turned	262 120 00	26-20 TASK 803
indication not normal when the EXT TEST switch is moved to 1 or 2	262 080 00	26-20 TASK 801
APU GEN OFF BUS light		
• light not on, APU speed at 95%	492 050 00	49-15 TASK 804
light on with APU generator on line	242 050 00	24-21 TASK 801
APU LOW OIL PRESSURE light		
light on, APU had a protective shutdown	492 060 00	49-60 TASK 801
• light on, APU operates with no protective shutdown	492 030 00	49-15 TASK 802

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
APU MAINT light		
• light on	492 070 00	49-60 TASK 801
APU OVER SPEED light		
light on during APU shutdown	492 080 00	49-60 TASK 801
light on, APU had a protective shutdown	492 090 00	49-60 TASK 801
• light on, APU operates with no protective shutdown	492 040 00	49-15 TASK 803
APU service light		
does not come on	333 060 00	33-30 TASK 801
Does not go off	333 061 00	33-30 TASK 801
APU starter-generator		
noisy during APU start	491 030 00	49-45 TASK 803
Arm rest problem		
- captain's	251 060 31	25-99 TASK 801
- first officer's	251 060 32	25-99 TASK 801
Ash (volcanic) condition	055 050 00	05-51 TASK 803
Assist handle problem		
- captain's	251 100 31	25-99 TASK 801
- first officer's	251 100 32	25-99 TASK 801
ATC		
Altitude reporting does not operate		
- no. 1	345 110 01	34-53 TASK 801
- no. 1 and no. 2	345 110 48	34-53 TASK 801
- no. 2	345 110 02	34-53 TASK 801
code indicator does not respond to selector movement .	345 120 00	34-53 TASK 814
Transmission weak or intermittent		
- no. 1	345 130 01	34-53 TASK 802
- no. 1 and no. 2	345 130 48	34-53 TASK 801
- no. 2	345 130 02	34-53 TASK 803
Transponder fail light on	345 140 00	34-53 TASK 801
ATT flag shows on integrated standby flight display	342 603 00	34-24 TASK 806

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
ATT flag shows on the EFIS display		
- captain's	342 010 31	34-21 TASK 825
- first officer's	342 010 32	34-21 TASK 826
Attendant control panel		
amber light on ACP switch assembly does not come on during operational test	234 811 00	23-42 TASK 841
Attitude display		
 does not show 		
- captain's	342 015 31	31-63 TASK 809
- first officer's	342 015 32	31-63 TASK 809
Audio control panel indicator light problem		
- captain's	235 101 31	23-51 TASK 807
- first observer's	235 101 33	23-51 TASK 807
- first officer's	235 101 32	23-51 TASK 807
Audio control panel selector switch problem		
- captain's	235 103 31	23-51 TASK 807
- first observer's	235 103 33	23-51 TASK 807
- first officer's	235 103 32	23-51 TASK 807
Audio control panel volume control problem		
- captain's	235 102 31	23-51 TASK 807
- first observer's	235 102 33	23-51 TASK 807
- first officer's	235 102 32	23-51 TASK 807
AUTO BRAKE DISARM light		
• light on	324 080 00	32-42 TASK 828
AUTO FAIL light		
light on and ALTN light on, AUTO FAIL light goes off when pressurization mode selector switch is at ALTN	213 010 00	21-31 TASK 801
light on, ALTN light not on	213 020 00	21-31 TASK 801
AUTO SLAT FAIL light		
• light on	278 060 00	27-32 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
AUTO temperature control		
does not operate		
- AFT CAB	216 050 00	21-61 TASK 863
- CONT CAB	216 040 00	21-61 TASK 861
- FWD CAB	216 060 00	21-61 TASK 864
Autobrakes		
AUTO BRAKE DISARM light comes on during landing	324 097 00	32-42 TASK 833
brakes grab during landing when using autobrakes	324 095 00	32-42 TASK 832
deceleration rate is not correct	324 090 00	32-42 TASK 807
Autopilot		
A and B disengage automatically while in dual mode	221 140 00	22-11 TASK 801
A/P amber warning annunciator light on flashing, autopilot went to CWS mode	221 020 00	22-11 TASK 801
A/P red warning annunciator light on steady	221 010 00	22-11 TASK 801
	221 010 00	22-11 IAOK 001
Airplane does not align correctly with runway during approach	221 960 00	22-11 TASK 825
Airplane does not flare correctly during multi-channel approach, FLARE shows normal on the flight mode annunciator	221 750 00	22-11 TASK 801
 Airplane does not go to set altitude with V/S, LVL CHG, or VNAV pitch mode set 		
- CMD A engaged	221 330 00	22-11 TASK 801
- CMD A or CMD B engaged	221 350 00	22-11 TASK 801
- CMD B engaged	221 340 00	22-11 TASK 801
 Airplane does not go to the set heading or keep the set heading with HDG SEL roll mode set 		
- CMD A engaged	221 370 00	22-11 TASK 801
- CMD A or CMD B engaged	221 390 00	22-11 TASK 801
- CMD B engaged	221 380 00	22-11 TASK 801
 Airplane does not go to the set vertical speed with V/S pitch mode set 		
- CMD A engaged	221 520 00	22-11 TASK 801
- CMD A or CMD B engaged	221 540 00	22-11 TASK 801
- CMD B engaged	221 530 00	22-11 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Autopilot (continued)		
 Airplane does not keep the same altitude with ALT HLD pitch mode set 		
- CMD A engaged	221 490 00	22-11 TASK 801
- CMD A or CMD B engaged	221 510 00	22-11 TASK 801
- CMD B engaged	221 500 00	22-11 TASK 801
 Airplane does not keep the set airspeed with MCP SPD (LVL CHG) pitch mode set 		
- CMD A engaged	221 430 00	22-11 TASK 801
- CMD A or CMD B engaged	221 450 00	22-11 TASK 801
- CMD B engaged	221 440 00	22-11 TASK 801
 Airplane does not keep the set course with VOR roll mode set 		
- CMD A engaged	221 460 00	22-11 TASK 801
- CMD A or CMD B engaged	221 480 00	22-11 TASK 801
- CMD B engaged	221 470 00	22-11 TASK 801
Airplane does not keep the set heading		
- CWS A engaged	221 400 00	22-11 TASK 801
- CWS A or CWS B engaged	221 420 00	22-11 TASK 801
- CWS B engaged	221 410 00	22-11 TASK 801
Airplane has pitch oscillation (porpoises) during		
multi-channel approach	221 310 00	22-16 TASK 801
Airplane has pitch oscillation (porpoises) with any A/P		
engaged in CMD	221 320 00	22-16 TASK 801
 Airplane roll is not smooth (jerky) with any A/P engaged in CMD 	221 760 00	22-11 TASK 801
control columns move when the autopilot engages	221 940 00	22-16 TASK 802
Control wheels move when the autopilot engages	221 950 00	22-16 TASK 803
disengages automatically		
- CMD A engaged	221 080 00	22-11 TASK 801
- CMD A or CMD B engaged	221 100 00	22-11 TASK 801
- CMD B engaged	221 090 00	22-11 TASK 801
- CWS A engaged	221 110 00	22-11 TASK 801
- CWS A or CWS B engaged	221 130 00	22-11 TASK 801
- CWS B engaged	221 120 00	22-11 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Autopilot (continued)		
 Does not disengage when CMD switch is pushed to off 		
- CMD A engaged	221 570 00	22-11 TASK 803
- CMD A or CMD B engaged	221 590 00	22-11 TASK 803
- CMD B engaged	221 580 00	22-11 TASK 803
Does not disengage when CWS switch is pushed to off		
- CWS A engaged	221 600 00	22-11 TASK 803
- CWS A or CWS B engaged	221 620 00	22-11 TASK 803
- CWS B engaged	221 610 00	22-11 TASK 803
Does not disengage when disengage switch is pushed		
- captain's control column	221 550 31	22-13 TASK 809
- first officer's control column	221 550 32	22-13 TASK 809
- mode control panel	221 560 00	22-11 TASK 803
Does not engage in dual mode, CMD A engages, CMD B does not engage, FLARE pitch mode does not show on the flight mode annunciator	221 690 00	22-11 TASK 801
Does not engage in dual mode, CMD B engages, CMD A does not engage, FLARE pitch mode does not show on the flight mode annunciator	221 700 00	22-11 TASK 801
 Does not engage when CMD switch is pushed, switch lights do not come on and CMD status does not show on the flight mode annunciator 		
- CMD A	221 630 00	22-11 TASK 801
- CMD A or CMD B	221 650 00	22-11 TASK 801
- CMD B	221 640 00	22-11 TASK 801
 Does not engage when CWS switch is pushed, switch lights do not come on, CWS P and CWS R status do not show on the flight mode annunciator 		
- CWS A	221 660 00	22-11 TASK 801
- CWS A or CWS B	221 680 00	22-11 TASK 801
- CWS B	221 670 00	22-11 TASK 801
does not keep pitch attitude		
- CWS A engaged	221 250 00	22-11 TASK 801
- CWS A or CWS B engaged	221 270 00	22-11 TASK 801
- CWS B engaged	221 260 00	22-11 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Autopilot (continued)		
does not keep roll attitude		
- CWS A engaged	221 280 00	22-11 TASK 801
- CWS A or CWS B engaged	221 300 00	22-11 TASK 801
- CWS B engaged	221 290 00	22-11 TASK 801
goes less than the normal bank angle with any A/P engaged in CMD	221 740 00	22-11 TASK 801
 goes more than the set bank angle limit in HDG SEL or VOR 		
- CMD A engaged	221 710 00	22-11 TASK 801
- CMD A or CMD B engaged	221 730 00	22-11 TASK 801
- CMD B engaged	221 720 00	22-11 TASK 801
NLND3 LCH shows in DFCS BITE FAULT HISTORY	221 203 00	22-11 TASK 801
NO ALND LCH shows in DFCS BITE FAULT HISTORY .	221 204 00	22-11 TASK 801
NO AUTOLAND shows on the engine display	221 201 00	22-11 TASK 801
NO LAND 3 shows on the engine display	221 202 00	22-11 TASK 801
• P MODE FAIL shows in DFCS BITE FAULT HISTORY	221 205 00	22-11 TASK 801
 pitch or roll mode does not engage or disengages automatically, autopilot went to CWS mode 		
- CMD A engaged	221 220 00	22-11 TASK 801
- CMD A or CMD B engaged	221 240 00	22-11 TASK 801
- CMD B engaged	221 230 00	22-11 TASK 801
R MODE FAIL shows in DFCS BITE FAULT HISTORY	221 206 00	22-11 TASK 801
SPDTRM LCH shows in DFCS BITE FAULT HISTORY .	221 207 00	22-11 TASK 801
Status does not show on the flight mode annunciator, switch lights are on	221 180 00	22-11 TASK 801
 TO/GA pitch mode does not show on the flight mode annunciator for go-around when TO/GA switch is pushed and F/D on 		
- captain's	221 200 31	22-11 TASK 801
- captain's and first officer's	221 200 48	22-11 TASK 801
- first officer's	221 200 32	22-11 TASK 801
Travel is not within limits, column force is normal	273 010 00	27-31 TASK 809
Autothrottle		
A/T amber warning annunciator light on flashing	223 120 00	22-32 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Autothrottle (continued)		
A/T LIMIT indication shows on thrust mode display	223 220 00	22-32 TASK 815
 Airplane does not keep the set airspeed with MCP SPD (LVL CHG) pitch mode set 		
- CMD A engaged	221 430 00	22-11 TASK 801
- CMD A or CMD B engaged	221 450 00	22-11 TASK 801
- CMD B engaged	221 440 00	22-11 TASK 801
disengages automatically	223 130 00	22-32 TASK 806
 does not arm, ARM light does not come on, ARM does not show on the flight mode annunciator 	223 170 00	22-32 TASK 810
does not automatically disengage after touchdown	223 110 00	22-32 TASK 806
Does not disengage when disengage switch is pushed		
- engine 1 thrust lever	223 140 51	22-32 TASK 805
- engine 2 thrust lever	223 140 52	22-32 TASK 805
Does not disengage when thrust levers are split	223 190 00	22-32 TASK 811
 Does not go to full rated N1 when TO/GA switch is pushed a second time during go-around 		
- engine 1	223 070 51	22-32 TASK 804
- engine 1 and engine 2	223 070 48	22-32 TASK 804
- engine 2	223 070 52	22-32 TASK 804
 Does not go to reduced N1 when TO/GA switch is pushed one time during go-around 		
- engine 1	223 080 51	22-32 TASK 804
- engine 1 and engine 2	223 080 48	22-32 TASK 804
- engine 2	223 080 52	22-32 TASK 804
 does not keep N1 limit in N1 mode 		
- engine 1	223 020 51	22-32 TASK 801
- engine 1 and engine 2	223 020 48	22-32 TASK 801
- engine 2	223 020 52	22-32 TASK 801
 does not keep set speed in SPEED mode 		
- engine 1	223 030 51	22-32 TASK 801
- engine 1 and engine 2	223 030 48	22-32 TASK 801
- engine 2	223 030 52	22-32 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Autothrottle (continued)		
 engine N1 speed fluctuates, engine N1 speed is normal with autothrottle OFF 		
- engine 1	223 040 51	22-32 TASK 801
- engine 1 and engine 2	223 040 48	22-32 TASK 801
- engine 2	223 040 52	22-32 TASK 801
• mode does not change when mode switch is pushed	223 200 00	22-32 TASK 809
overcontrols with A/T mode engaged	223 150 00	22-32 TASK 808
 selected target speed bug problem on the mach airspeed indicator 		
- captain's	223 010 31	22-32 TASK 803
- first officer's	223 010 32	22-32 TASK 803
SStatus does not show on flight mode annunciator	223 050 00	22-32 TASK 807
Status mode does not change automatically	223 090 00	22-32 TASK 807
 Thrust lever does not move back in RETARD mode 		
- engine 1	223 100 51	22-32 TASK 802
- engine 1 and engine 2	223 100 48	22-32 TASK 802
- engine 2	223 100 52	22-32 TASK 802
 Thrust lever does not move forward when TO/GA switch is pushed 		
- engine 1	223 060 51	22-32 TASK 804
- engine 1 and engine 2	223 060 48	22-32 TASK 804
- engine 2	223 060 52	22-32 TASK 804
Thrust lever problem		
- engine 1	223 160 51	22-32 TASK 808
- engine 1 and engine 2	223 160 48	22-32 TASK 808
- engine 2	223 160 52	22-32 TASK 808
thrust levers are split, OK with autothrottle disengaged .	223 180 00	22-32 TASK 811
AUX PITOT light		
• light on	303 010 00	30-31 TASK 801
AVM signal conditioner		
display blank	770 061 00	77-05 TASK 809

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
AVM signal conditioner (continued)		
 flight history shows "00" for two of the vibration indications 		
- engine 1	770 062 51	77-05 TASK 808
- engine 2	770 062 52	77-05 TASK 808
Ax, crash		
• missing	256 020 00	25-99 TASK 801
Battery charger		
CHARGER light flashes		
- auxiliary battery charger	243 132 00	24-31 TASK 835
- main battery charger	243 131 00	24-31 TASK 834
BATTERY DISCHARGE light		
comes on during flight	243 121 00	24-31 TASK 833
Battery voltage		
 less than 22 volts with BAT switch at ON and no AC 		
power on the charger	494 010 00	49-45 TASK 801
less than 26 volts with AC power on the charger	494 020 00	49-45 TASK 802
Birdstrike/FOD		
in engine, engine had a surge/stall		
- engine 1	710 030 51	71-05 TASK 805
- engine 2	710 030 52	71-05 TASK 805
in engine, engine parameters normal		
- engine 1	710 010 51	71-05 TASK 801
- engine 2	710 010 52	71-05 TASK 801
• in engine, engine parameters not normal or unknown		
- engine 1	710 020 51	71-05 TASK 801
- engine 2	710 020 52	71-05 TASK 801
• on airframe/area unknown, engine parameters normal	055 130 00	05-51 TASK 804
BLEED TRIP OFF light comes on		
during climb		
- light No. 1	361 012 01	36-10 TASK 801
- light No. 2	361 012 02	36-10 TASK 801

EFFECTIVITY -

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
BLEED TRIP OFF light comes on (continued)		
during cruise		
- light No. 1	361 013 01	36-10 TASK 801
- light No. 2	361 013 02	36-10 TASK 801
during idle descent		
- light No. 1	361 014 01	36-10 TASK 801
- light No. 2	361 014 02	36-10 TASK 801
during takeoff		
- light No. 1	361 011 01	36-10 TASK 801
- light No. 2	361 011 02	36-10 TASK 801
Bleed valve		
does not close when the bleed switches are moved to	004 000 00	00.40 TAOK 000
off, the engine is the bleed source	361 020 00	36-10 TASK 802
Boom microphone/headset		
• damaged		
- captain's	235 020 31	23-51 TASK 802
- first officer's	235 020 32	23-51 TASK 802
does not operate		
- captain's	235 010 31	23-51 TASK 801
- first officer's	235 010 32	23-51 TASK 801
Brake pressure indicator		
does not operate	324 020 00	32-44 TASK 806
low/zero with parking brake released	324 010 00	32-44 TASK 805
low/zero with parking brake set	324 110 00	32-44 TASK 805
Brakes		
• grab, drag, or lock	324 030 00	32-42 TASK 816
overheated during stop	055 030 00	05-51 TASK 805
• pull to the left	324 040 00	32-42 TASK 817
• pull to the right	324 050 00	32-42 TASK 817
Buffet, severe turbulence, stall, or overspeed	055 070 00	05-51 TASK 808
CABIN ALT indication		
• fluctuates	213 040 00	21-31 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Cabin altitude and differential pressure gauge		
indicates high cabin pressure differential and low cabin altitude	213 121 00	21-33 TASK 803
Cabin altitude warning system		
does not operate	213 060 00	21-33 TASK 801
CABIN CLIMB indicator		
does not operate, pointer does not move	213 080 00	21-33 TASK 802
Call horn		
does not sound	234 340 00	23-43 TASK 801
operates continuously	234 350 00	23-43 TASK 802
 Sounds, ADIRU power problem, ON DC light on 		
- left	342 200 41	34-21 TASK 829
- right	342 200 42	34-21 TASK 829
Sounds, equipment cooling problem	342 190 00	34-21 TASK 829
Call system		
call light does not come on, attendant to flight compartment	234 380 00	23-42 TASK 806
call light does not come on, ground crew to flight compartment	234 370 00	23-43 TASK 804
Chime does not sound in the flight compartment	234 390 00	23-42 TASK 804
• does not operate, flight compartment to attendant	234 400 00	23-42 TASK 802
• does not operate, ground crew to flight compartment	234 360 00	23-43 TASK 803
CAPT PITOT light		
• light on	303 020 00	30-31 TASK 802
Cargo compartment light		
does not come on		
- aft	333 080 45	33-30 TASK 801
- forward	333 080 44	33-30 TASK 801
Does not go off		
- aft	333 081 45	33-30 TASK 801
- forward	333 081 44	33-30 TASK 801
Cargo door		
Difficult to open/close	523 010 00	52-30 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Cargo door (continued)		
does not unlatch/latch	523 020 00	52-30 TASK 802
Cargo fire detection		
AFT cargo fire light on (false alarm)	261 225 45	26-16 TASK 801
FWD cargo fire light on (false alarm)	261 225 44	26-16 TASK 801
MAIN cargo fire light on (false alarm)	261 225 00	26-16 TASK 801
Cargo fire extinguishing		
Bottle does not release extinguishant when DISCH switch is pushed	262 200 00	26-23 TASK 803
DISCH light on, DISCH switch not pushed	262 205 00	26-23 TASK 802
EXT AFT light does not come on during cargo fire test	262 210 45	26-23 TASK 812
EXT FWD light does not come on during cargo fire test .	262 210 44	26-23 TASK 812
Cargo fire test		
 Test failed, AFT cargo fire light does not come on, DETECTOR FAULT light comes on 		
- DET SELECT switch at A	261 205 45	26-16 TASK 804
- DET SELECT switch at B	261 210 45	26-16 TASK 804
- DET SELECT switch at NORM	261 215 45	26-16 TASK 804
Test failed, AFT cargo fire light does not come on, DETECTOR FAULT light is off	261 200 45	26-16 TASK 806
Test failed, EXT AFT light does not come on	262 210 45	26-23 TASK 812
Test failed, EXT FWD light does not come on	262 210 44	26-23 TASK 812
 Test failed, FWD cargo fire light does not come on, DETECTOR FAULT light comes on 		
- DET SELECT switch at A	261 205 44	26-16 TASK 804
- DET SELECT switch at B	261 210 44	26-16 TASK 804
- DET SELECT switch at NORM	261 215 44	26-16 TASK 804
Test failed, FWD cargo fire light does not come on, DETECTOR FAULT light is off	261 200 44	26-16 TASK 806
Test failed, warning lights and alarm do not operate	261 220 00	26-16 TASK 807

AKS ALL

OBSERVED FAULT LIST

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
CDS display unit problem		
- center lower	316 050 47	31-63 TASK 824
- center upper	316 050 46	31-63 TASK 824
- left inboard	316 030 41	31-63 TASK 824
- left outboard	316 040 41	31-63 TASK 824
- right inboard	316 030 42	31-63 TASK 824
- right outboard	316 040 42	31-63 TASK 824
CDS FAULT annunciation shows on pilot's display		
- captain's	316 070 31	31-62 TASK 884
- first officer's	316 070 32	31-62 TASK 884
CDS MAINT annunciation shows on pilot's display		
- captain's	316 060 31	31-62 TASK 884
- first officer's	316 060 32	31-62 TASK 884
CDU		
brightness control problem		
- captain's	346 020 31	34-61 TASK 803
- first officer's	346 020 32	34-61 TASK 803
DATA BASE INVALID message shows	346 360 00	34-61 TASK 818
DATALINK FAIL message shows		
- captain's	346 365 31	23-27 TASK 801
- first officer's	346 365 32	23-27 TASK 801
display blank		
- captain's	346 040 31	34-61 TASK 804
- first officer's	346 040 32	34-61 TASK 804
 display is dim or out of focus 		
- captain's	346 050 31	34-61 TASK 803
- first officer's	346 050 32	34-61 TASK 803
DME data on NAV STATUS display shows FAIL	346 510 00	34-61 TASK 801
 EXEC key does not operate when pushed 		
- captain's	346 060 31	34-61 TASK 805
- first officer's	346 060 32	34-61 TASK 805
EXEC key light bar does not come on		
- captain's	346 065 31	34-61 TASK 806
- first officer's	346 065 32	34-61 TASK 806

AKS ALL

OBSERVED FAULT LIST

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
CDU (continued)		
FAIL light is on	346 080 00	34-61 TASK 807
FMC DISAGREE message shows	346 075 00	34-61 TASK 835
FMC menu prompt flashes or is slow to respond	346 131 00	34-61 TASK 838
FMC shows in the middle of the display	346 070 00	34-61 TASK 807
GPS-L data on POS REF display is missing	346 460 00	34-61 TASK 801
GPS-R data on POS REF display is missing	346 470 00	34-61 TASK 801
GS data on POS REF display is missing	346 480 00	34-61 TASK 801
ILS data on NAV STATUS display shows FAIL	346 500 00	34-61 TASK 801
IRS-L data on POS REF display is missing	346 440 00	34-61 TASK 801
IRS-R data on POS REF display is missing	346 450 00	34-61 TASK 801
 key does not operate when pushed 		
- captain's	346 010 31	34-61 TASK 802
- first officer's	346 010 32	34-61 TASK 802
MODEL/ENG DATA INVALID message shows	346 380 00	34-61 TASK 819
MSG light does not come on		
- captain's	346 270 31	34-61 TASK 810
- first officer's	346 270 32	34-61 TASK 810
NAV DATA OUT OF DATE message shows	346 160 00	34-61 TASK 808
OFST light does not come on		
- captain's	346 280 31	34-61 TASK 810
- first officer's	346 280 32	34-61 TASK 810
OP PROGRAM INVALID shows in the middle of the	0.40,000,00	04.04.74.01/.044
display	346 260 00	34-61 TASK 811
PRINTER FAIL message shows	346 375 00	31-33 TASK 804
PROGRAM PIN ERROR message shows	346 390 00	34-61 TASK 820
PROGRAM PIN NOT IN DB message shows	346 400 00	34-61 TASK 821
RESYNC FAIL, SINGLE FMC OP/SINGLE FMC OP message shows	346 180 00	34-61 TASK 832
SCANNING DME FAIL message shows	346 350 00	34-61 TASK 801
SINGLE FMC OPERATION message shows	346 370 00	34-61 TASK 807
VOR data on NAV STATUS display shows FAIL	346 490 00	34-61 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Chart holder, sidewall problem		
- captain's	251 130 31	25-99 TASK 801
- first officer's	251 130 32	25-99 TASK 801
Chart light		
 does not come on correctly 		
- captain's	331 150 31	33-10 TASK 801
- first officer's	331 150 32	33-10 TASK 801
Does not go off		
- captain's	331 151 31	33-10 TASK 801
- first officer's	331 151 32	33-10 TASK 801
CHECK DBL OR INTERFACE message shows on CDU		
during FMC software load	346 290 00	34-61 TASK 812
CHECK MEDIA message shows on CDU during FMC		
software load	346 330 00	34-61 TASK 816
Circuit breaker "ANTI-ICE & RAIN ENG 1 & WING CONT"	204 424 00	20 44 TACK 040
tripped	301 121 00	30-11 TASK 810
Circuit breaker collars (spare)		
• missing	256 201 00	25-99 TASK 801
Circuit breaker panel light		
does not come on	331 040 00	33-10 TASK 801
Does not go off	331 041 00	33-10 TASK 801
Clock		
does not operate		
- captain's	312 020 31	31-25 TASK 801
- first officer's	312 020 32	31-25 TASK 802
Common Display System		
 DEU-1 Restart during an APU Start on Battery Only 		
- No. 1	316 082 01	31-63 TASK 828
Display Units are blanking during an APU Start on Battery Only	316 081 00	31-63 TASK 828
CONFIG message shows in fuel quantity indication (flight compartment)	284 022 00	28-41 TASK 820

AKS ALL

OBSERVED FAULT LIST

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
CONT CABIN SUPPLY DUCT air temperature indication	040 440 00	04 04 TAOK 050
is not correct	216 140 00	21-61 TASK 858
Control cabin door		
Difficult to open/close	525 020 00	52-50 TASK 802
key is damaged	525 032 00	52-99 TASK 801
• key is missing	525 030 00	52-99 TASK 801
Control column		
does not move freely		
- captain's	273 020 31	27-31 TASK 801
- first officer's	273 020 32	27-31 TASK 801
high force, hydraulic power off	273 150 00	27-31 TASK 814
high force, hydraulic power on	273 140 00	27-31 TASK 813
• low force	273 130 00	27-31 TASK 812
moves when the autopilot engages	221 940 00	22-16 TASK 802
shaker does not operate during test	273 110 00	27-32 TASK 801
Control stand floodlight		
does not come on correctly	331 090 00	33-10 TASK 801
Does not go off	331 091 00	33-10 TASK 801
Control wheel		
does not move freely		
- captain's	271 030 31	27-11 TASK 813
- first officer's	271 030 32	27-11 TASK 813
 does not stay in the center position from one direction 		
- captain's	271 100 31	27-11 TASK 810
- captain's and first officer's	271 100 48	27-11 TASK 810
- first officer's	271 100 32	27-11 TASK 810
has too much play		
- captain's	271 040 31	27-11 TASK 801
- captain's and first officer's	271 040 48	27-11 TASK 801
- first officer's	271 040 32	27-11 TASK 801

AKS ALL

OBSERVED FAULT LIST

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Control wheel (continued)		
 high force, hydraulic power off 		
- captain's	271 080 31	27-11 TASK 809
- captain's and first officer's	271 080 48	27-11 TASK 809
- first officer's	271 080 32	27-11 TASK 809
 high force, hydraulic power on 		
- captain's	271 070 31	27-11 TASK 804
- captain's and first officer's	271 070 48	27-11 TASK 804
- first officer's	271 070 32	27-11 TASK 804
 light force in one or both directions 		
- captain's	271 090 31	27-11 TASK 811
- captain's and first officer's	271 090 48	27-11 TASK 811
- first officer's	271 090 32	27-11 TASK 811
moves when the autopilot engages	221 950 00	22-16 TASK 803
COURSE window display on the mode control panel		
does not change with course selector switch change		
- captain's	221 790 31	22-11 TASK 803
- first officer's	221 790 32	22-11 TASK 803
does not show		
- captain's	221 800 31	22-11 TASK 803
- first officer's	221 800 32	22-11 TASK 803
COWL ANTI-ICE light		
 light comes on at high thrust setting (takeoff or climb) and goes off at reduced thrust 		
- ENG ANTI-ICE 1	302 011 51	30-21 TASK 809
- ENG ANTI-ICE 2	302 011 52	30-21 TASK 809
light comes on independent of engine thrust setting		
- ENG ANTI-ICE 1	302 010 51	30-21 TASK 801
- ENG ANTI-ICE 2	302 010 52	30-21 TASK 801
COWL VALVE OPEN light		
 slow to go from bright to dim when switch is moved to ON 		
- ENG ANTI-ICE 1	302 020 51	30-21 TASK 802
- ENG ANTI-ICE 2	302 020 52	30-21 TASK 802

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
COWL VALVE OPEN light (continued)		
 slow to go from bright to off when switch is moved to OFF 		
- ENG ANTI-ICE 1	302 030 51	30-21 TASK 803
- ENG ANTI-ICE 2	302 030 52	30-21 TASK 803
Stays on bright		
- ENG ANTI-ICE 1	302 040 51	30-21 TASK 804
- ENG ANTI-ICE 2	302 040 52	30-21 TASK 804
 Stays on bright when switch is moved to ON 		
- ENG ANTI-ICE 1	302 050 51	30-21 TASK 805
- ENG ANTI-ICE 2	302 050 52	30-21 TASK 805
Crash ax		
• missing	256 020 00	25-99 TASK 801
Crew oxygen pressure indicator		
does not agree with bottle pressure	351 010 00	35-12 TASK 801
pressure decreases	351 020 00	35-12 TASK 802
• pressure low	351 030 00	35-12 TASK 803
Pressure zero	351 040 00	35-12 TASK 804
Crew portable oxygen		
• damaged	353 010 00	35-99 TASK 801
• pressure low	353 020 00	35-99 TASK 801
• was used	353 030 00	35-99 TASK 801
Crossfeed VALVE OPEN light		
• does not come on bright when the valve is in transit	282 125 00	28-22 TASK 808
Stays on bright when the crossfeed selector is moved to the off position	282 120 00	28-22 TASK 807
Stays on bright when the crossfeed selector is moved to		
the on position	282 110 00	28-22 TASK 807
Cup holder problem		
- captain's	251 140 31	25-99 TASK 801
- first officer's	251 140 32	25-99 TASK 801
DATA BASE INVALID message shows on the CDU	346 360 00	34-61 TASK 818

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
DATALINK FAIL message shows on the CDU		
- captain's	346 365 31	23-27 TASK 801
- first officer's	346 365 32	23-27 TASK 801
DB EXCEEDS FMC MEMORY message shows on CDU during FMC software load	346 300 00	34-61 TASK 813
DB-OFP INCOMPATIBLE message shows on CDU during FMC software load	346 320 00	34-61 TASK 815
DC FAIL light for the IRS on		
- left	342 060 41	34-21 TASK 842
- right	342 060 42	34-21 TASK 842
Differential pressure indicator on IDG		
• extended		
- left	242 121 41	24-11 TASK 803
- right	242 121 42	24-11 TASK 803
DISCH light for cargo fire extinguishing		
• light not on when DISCH switch is pushed	262 200 00	26-23 TASK 803
light on, DISCH switch not pushed	262 205 00	26-23 TASK 802
Display unit problem		
- center lower	316 050 47	31-63 TASK 824
- center upper	316 050 46	31-63 TASK 824
- left inboard	316 030 41	31-63 TASK 824
- left outboard	316 040 41	31-63 TASK 824
- right inboard	316 030 42	31-63 TASK 824
- right outboard	316 040 42	31-63 TASK 824
DISPLAYS CONTROL PANEL annunciation shows on pilot's display		
- captain's	316 026 31	31-62 TASK 801
- first officer's	316 026 32	31-62 TASK 801
DME		
Data on NAV STATUS display of CDU shows FAIL	346 510 00	34-61 TASK 801
distance shows dashes		
- DME1	345 230 01	34-55 TASK 801
- DME2	345 230 02	34-55 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
DME (continued)		
 test problem when you push the TEST switch on the navigation control panel 		
- captain's	345 210 31	34-55 TASK 801
- first officer's	345 210 32	34-55 TASK 801
DME1 shows on the display	345 220 01	34-55 TASK 802
DME2 shows on the display	345 220 02	34-55 TASK 802
Dome light		
does not come on correctly	331 050 00	33-10 TASK 801
Does not go off	331 051 00	33-10 TASK 801
Door warning annunciator is on		
- AFT CARGO	523 611 45	52-30 TASK 803
- AFT ENTRY	521 611 45	52-10 TASK 801
- AFT SERVICE	524 611 45	52-10 TASK 801
- EQUIP	524 612 00	52-40 TASK 802
- FWD CARGO	523 611 44	52-30 TASK 803
- FWD ENTRY	521 611 44	52-10 TASK 801
- FWD SERVICE	524 611 44	52-10 TASK 801
Door, cargo		
Difficult to open/close	523 010 00	52-30 TASK 801
does not unlatch/latch	523 020 00	52-30 TASK 802
Door, entry exterior handle		
Difficult to operate		
- aft	521 010 45	52-10 TASK 811
- forward	521 010 44	52-10 TASK 811
Door, flight compartment		
Difficult to open/close	525 020 00	52-50 TASK 802
• key is damaged	525 032 00	52-99 TASK 801
key is missing	525 030 00	52-99 TASK 801
Door, flight deck enhanced security		
chime does not sound with switch set to AUTO and correct code in keypad	525 121 00	52-50 TASK 808
chime sounds with switch set to DENY	525 131 00	52-50 TASK 807
S O COGNICO WILL CANCON COL LO DEIGI	020 101 00	02 00 17 017 007

AKS ALL

OBSERVED FAULT LIST

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Door, flight deck enhanced security (continued)		
does not lock with switch set to AUTO	525 141 00	52-50 TASK 804
does not unlock with switch set to AUTO and correct code in keypad	525 151 00	52-50 TASK 806
does not unlock with switch set to UNLKD	525 161 00	52-50 TASK 805
LOCK FAIL light is on	525 171 00	52-50 TASK 809
unlocks with switch set to DENY	525 181 00	52-50 TASK 807
Door, galley service exterior handle		
Difficult to operate	524 010 00	52-10 TASK 811
Drain mast		
Does not heat	307 010 00	30-71 TASK 801
• overheats	307 020 00	30-71 TASK 802
DSPLY SOURCE annunciation shows on pilot's display		
- captain's	316 080 31	31-63 TASK 820
- first officer's	316 080 32	31-63 TASK 820
DUAL BLEED light		
light on, APU BLEED switch at OFF	495 010 00	49-55 TASK 803
Duct pressure indication		
 BLEED TRIP OFF light comes on during climb 		
- light No. 1	361 012 01	36-10 TASK 801
- light No. 2	361 012 02	36-10 TASK 801
 BLEED TRIP OFF light comes on during cruise 		
- light No. 1	361 013 01	36-10 TASK 801
- light No. 2	361 013 02	36-10 TASK 801
BLEED TRIP OFF light comes on during idle descent		
- light No. 1	361 014 01	36-10 TASK 801
- light No. 2	361 014 02	36-10 TASK 801
 BLEED TRIP OFF light comes on during takeoff 		
- light No. 1	361 011 01	36-10 TASK 801
- light No. 2	361 011 02	36-10 TASK 801
high, the engine is the bleed source	361 030 00	36-10 TASK 803
L and R pointers not the same (split), the APU is the bleed source	361 080 00	36-10 TASK 808

AKS ALL

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	FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
	Duct pressure indication (continued)		
	 L and R pointers not the same (split), with either pointer below 18 psig during takeoff, climb and cruise; the engine is the bleed source 	361 070 00	36-10 TASK 807
	low (below 18 psig) during takeoff, climb and cruise; the engine is the bleed source	361 040 00	36-10 TASK 804
	low or not constant during main engine start, the APU is the bleed source	495 031 00	49-55 TASK 807
ı	low or not constant during pack operation, the APU is the bleed source	495 032 00	49-55 TASK 806
	Zero, the APU is the bleed source	495 050 00	49-55 TASK 804
	• Zero, the engine is the bleed source	361 050 00	36-10 TASK 805
	Dust (extreme) condition	055 020 00	05-51 TASK 802
	EAU BITE		
	• Lights (all) do not come on during the BITE procedure	780 200 00	78-34 TASK 809
	EEC		
	does not power-up		
	- engine 1	730 430 51	73-05 TASK 804
	- engine 2	730 430 52	73-05 TASK 804
	EEC ALTN mode light		
	light did not come on during the EEC test		
	- engine 1	730 350 51	73-05 TASK 810
	- engine 2	730 350 52	73-05 TASK 810
	• light on		
	- engine 1	730 080 51	73-05 TASK 811
	- engine 2	730 080 52	73-05 TASK 811
	EEC BITE		
	BITE INOP shows on the CDU		
	- engine 1	730 420 51	73-05 TASK 802
	- engine 2	730 420 52	73-05 TASK 802
	CH A EEC DATA NOT AVAILABLE shows on the CDU		
	- engine 1	730 400 51	73-05 TASK 803
	- engine 2	730 400 52	73-05 TASK 803

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK		
EEC BITE (continued)				
CH B EEC DATA NOT AVAILABLE shows on the CDU				
- engine 1	730 410 51	73-05 TASK 803		
- engine 2	730 410 52	73-05 TASK 803		
 ENGINE MAINTENANCE CAN NOT BE ACCESSED - THE ENGINE'S FLIGHT INDICATOR SHOWS FLIGHT shows on the CDU, airplane is on the ground 				
- engine 1	730 440 51	73-05 TASK 813		
- engine 2	730 440 52	73-05 TASK 813		
 FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL B ARE NOT SYNCHRONIZED shows on Recent Faults page or Fault History page 				
- engine 1	730 456 51	73-05 TASK 815		
- engine 2	730 456 52	73-05 TASK 815		
maintenance message does not erase				
- engine 1	730 450 51	73-06 TASK 814		
- engine 2	730 450 52	73-06 TASK 814		
EEC test failed				
ALTN mode light did not come on				
- engine 1	730 350 51	73-05 TASK 810		
- engine 2	730 350 52	73-05 TASK 810		
ENGINE CONTROL light did not come on				
- engine 1	730 330 51	73-06 TASK 813		
- engine 2	730 330 52	73-06 TASK 813		
FILTER BYPASS light did not come on				
- engine 1	730 340 51	73-05 TASK 812		
- engine 2	730 340 52	73-05 TASK 812		
OIL FILTER BYPASS message did not show				
- engine 1	790 120 51	79-05 TASK 818		
- engine 2	790 120 52	79-05 TASK 818		
EFIS control panel problem				
- captain's	316 020 31	31-63 TASK 819		
- first officer's	316 020 32	31-63 TASK 821		
EGT indicator for the APU				
does not operate correctly	497 010 00	49-75 TASK 801		

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
EGT overtemperature (except starting)		
 EGT over amber band limit due to surge/stall 		
- engine 1	710 100 51	71-05 TASK 804
- engine 2	710 100 52	71-05 TASK 804
 EGT over amber band limit, no surge/stall 		
- engine 1	710 090 51	71-06 TASK 804
- engine 2	710 090 52	71-06 TASK 804
EGT over redline due to surge/stall		
- engine 1	710 115 51	71-06 TASK 806
- engine 2	710 115 52	71-06 TASK 806
EGT over redline, no surge/stall		
- engine 1	710 110 51	71-06 TASK 805
- engine 2	710 110 52	71-06 TASK 805
EGT, FF, oil pressure, and oil temperature indications		
 continue to show after engine shutdown 		
- left engine	710 135 51	71-06 TASK 808
- right engine	710 135 52	71-06 TASK 808
EGT, N1, N2, and FF indications		
read low or fluctuate		
- engine 1	710 130 51	73-06 TASK 809
- engine 2	710 130 52	73-06 TASK 809
ELEC 1 LOW PRESSURE light		
• light on	293 190 00	29-30 TASK 810
ELEC 1 OVERHEAT light		
• light on	293 030 00	29-30 TASK 805
ELEC 2 LOW PRESSURE light		
• light on	293 200 00	29-30 TASK 811
ELEC 2 OVERHEAT light		
• light on	293 040 00	29-30 TASK 806
ELEC light		
• light on	243 050 00	24-31 TASK 801

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Electrical power		
 power to the electric motor-driven pump is interrupted during normal operation 		
- system A	291 020 00	29-10 TASK 803
- system B	291 025 00	29-10 TASK 804
Electronic equipment compartment light		
does not come on	333 040 00	33-30 TASK 801
Does not go off	333 041 00	33-30 TASK 801
Electronic flight bag		
 "Aircraft Model Unknown" shows on display 		
- captain's	461 730 31	46-15 TASK 818
- first officer's	461 730 32	46-15 TASK 818
EFB OS Corrupted Message shows on display		
- captain's	461 731 31	46-15 TASK 831
- first officer's	461 731 32	46-15 TASK 831
 ERROR CROSSLOADING TO EFB shows on display 		
- captain's	461 732 31	46-15 TASK 846
- first officer's	461 732 32	46-15 TASK 846
 ERROR DELETING LSAP shows on display 		
- captain's	461 733 31	46-15 TASK 820
- first officer's	461 733 32	46-15 TASK 820
 ERROR READING LSAP shows on display 		
- captain's	461 734 31	46-15 TASK 842
- first officer's	461 734 32	46-15 TASK 842
 FILE SYSTEM CORRUPTED shows on display 		
- captain's	461 735 31	46-15 TASK 819
- first officer's	461 735 32	46-15 TASK 819
 LOAD TO RIGHT EFB FAILED shows on display 		
- captain's	461 736 31	46-15 TASK 843
- first officer's	461 736 32	46-15 TASK 843
 message shows on fault log page (Class 2 EFB) 		
- captain's	461 696 31	46-15 TASK 801
- first officer's	461 696 32	46-15 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Electronic flight bag (continued)		
 START CROSSLOAD FAILED shows on display 		
- captain's	461 737 31	46-15 TASK 850
- first officer's	461 737 32	46-15 TASK 850
 SYSTEM ERROR shows on display 		
- captain's	461 738 31	46-15 TASK 845
- first officer's	461 738 32	46-15 TASK 845
SYSTEM SETTIGNS CHANGE shows on display		
- captain's	461 739 31	46-15 TASK 851
- first officer's	461 739 32	46-15 TASK 851
TAIL ID COMPUTED shows on display		
- captain's	461 740 31	46-15 TASK 840
- first officer's	461 740 32	46-15 TASK 840
TAIL ID MISMATCH shows on display		
- captain's	461 741 31	46-15 TASK 816
- first officer's	461 741 32	46-15 TASK 816
TIME CHANGED FROM shows on display		
- captain's	461 742 31	46-15 TASK 848
- first officer's	461 742 32	46-15 TASK 848
"Unable to determine date and time" shows on display		
- captain's	461 743 31	46-15 TASK 841
- first officer's	461 743 32	46-15 TASK 841
 "Unable to set date and time" shows on display 		
- captain's	461 744 31	46-15 TASK 847
- first officer's	461 744 32	46-15 TASK 847
 "Your battery is critically low" shows on display 		
- captain's	461 745 31	46-15 TASK 839
- first officer's	461 745 32	46-15 TASK 839
Elevator		
control cable tension repeatedly checks low	273 030 00	27-31 TASK 802
does not move correctly	273 040 00	27-31 TASK 810
Too much play in elevator surface	273 050 00	27-31 TASK 804
	5 555 55	
Elevator tab surface	070 400 00	07.04.74.014.005
has too much play	273 120 00	27-31 TASK 805

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Emergency Locator Transmitter (ELT)		
• ELT light is on	232 411 00	23-24 TASK 807
no ELT signal on VHF when ELT switch set to ON during test	232 410 00	23-24 TASK 801
ENG 1 LOW PRESSURE light		
light off when the electric motor-driven pump is operated	291 010 51	29-10 TASK 801
• light on	293 210 51	29-30 TASK 812
ENG 1 OVERHEAT light		
• light is on	261 011 51	26-10 TASK 811
ENG 2 LOW PRESSURE light		
light off when the electric motor-driven pump is		
operated	291 010 52	29-10 TASK 802
• light on	293 210 52	29-30 TASK 813
ENG 2 OVERHEAT light		
• light is on	261 011 52	26-10 TASK 811
ENG FAIL message shows over EGT indication		
- engine 1	730 020 51	73-05 TASK 805
- engine 2	730 020 52	73-05 TASK 805
ENG VALVE CLOSED light		
 slow to go from bright to dim when start lever moved to CUTOFF 		
- engine 1	730 030 51	73-06 TASK 804
- engine 2	730 030 52	73-06 TASK 804
 slow to go from bright to off when start lever moved to IDLE 		
- engine 1	730 040 51	73-06 TASK 803
- engine 2	730 040 52	73-06 TASK 803
Stays off for all start lever positions		
- engine 1	730 061 51	73-06 TASK 815
- engine 2	730 061 52	73-06 TASK 815
 Stays off or bright when start lever moved to CUTOFF 		
- engine 1	730 050 51	73-06 TASK 804
- engine 2	730 050 52	73-06 TASK 804

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
ENG VALVE CLOSED light (continued)		
 Stays on bright when start lever moved to IDLE, engine start was normal 		
- engine 1	730 060 51	73-06 TASK 805
- engine 2	730 060 52	73-06 TASK 805
Engine		
slow to accelerate		
- left engine	710 260 51	73-05 TASK 814
- right engine	710 260 52	73-05 TASK 814
slow to decelerate		
- left engine	710 270 51	73-05 TASK 816
- right engine	710 270 52	73-05 TASK 816
 Slow to shut down when start lever moved to CUTOFF 		
- left engine	730 035 51	73-06 TASK 804
- right engine	730 035 52	73-06 TASK 804
Engine 1 fire extinguishing		
Test failed	262 010 00	26-20 TASK 801
Engine 2 fire extinguishing		
Test failed	262 020 00	26-20 TASK 801
Engine accessory unit (EAU) BITE		
• Lights (all) do not come on during the BITE procedure	780 200 00	78-34 TASK 809
Engine automatic acceleration with no thrust lever movement		
- engine 1	730 070 51	73-06 TASK 806
- engine 2	730 070 52	73-06 TASK 806
Engine BITE		
BITE INOP shows on the CDU		
- engine 1	730 420 51	73-05 TASK 802
- engine 2	730 420 52	73-05 TASK 802
CH A EEC DATA NOT AVAILABLE shows on the CDU		
- engine 1	730 400 51	73-05 TASK 803
- engine 2	730 400 52	73-05 TASK 803

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK		
Engine BITE (continued)				
CH B EEC DATA NOT AVAILABLE shows on the CDU				
- engine 1	730 410 51	73-05 TASK 803		
- engine 2	730 410 52	73-05 TASK 803		
 ENGINE MAINTENANCE CAN NOT BE ACCESSED - THE ENGINE'S FLIGHT INDICATOR SHOWS FLIGHT shows on the CDU, airplane is on the ground 				
- engine 1	730 440 51	73-05 TASK 813		
- engine 2	730 440 52	73-05 TASK 813		
 FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL B ARE NOT SYNCHRONIZED shows on Recent Faults page or Fault History page 				
- engine 1	730 456 51	73-05 TASK 815		
- engine 2	730 456 52	73-05 TASK 815		
maintenance message does not erase				
- engine 1	730 450 51	73-06 TASK 814		
- engine 2	730 450 52	73-06 TASK 814		
ENGINE CONTROL light				
 light did not come on during the EEC test 				
- engine 1	730 330 51	73-06 TASK 813		
- engine 2	730 330 52	73-06 TASK 813		
• light on				
- engine 1	730 010 51	73-06 TASK 801		
- engine 2	730 010 52	73-06 TASK 801		
Engine EEC				
does not power-up				
- engine 1	730 430 51	73-05 TASK 804		
- engine 2	730 430 52	73-05 TASK 804		
Engine EGT indication				
• blank				
- engine 1	770 010 51	73-05 TASK 804		
- engine 2	770 010 52	73-05 TASK 804		
Zero or fluctuates				
- engine 1	770 015 51	77-05 TASK 801		
- engine 2	770 015 52	77-05 TASK 801		

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Engine fire extinguishing		
APU BOTTLE DISCHARGE light on	262 070 00	26-20 TASK 802
indication not normal when the EXT TEST switch is moved to 1	262 010 00	26-20 TASK 801
indication not normal when the EXT TEST switch is moved to 2	262 020 00	26-20 TASK 801
L BOTTLE DISCHARGDE light on	262 050 00	26-20 TASK 802
left bottle does not release extinguishant when the fire handle is turned	262 030 00	26-20 TASK 803
R BOTTLE DISCHARGED light on	262 060 00	26-20 TASK 802
right bottle does not release extinguishant when the fire handle is turned	262 040 00	26-20 TASK 803
Engine fire light		
• light is on		
- engine 1	261 021 51	26-10 TASK 811
- engine 2	261 021 52	26-10 TASK 811
Engine Fire, Flames or Smoke		
Flames or Smoke from the Engine Exhaust or Center Plug		
- engine 1	710 040 51	71-05 TASK 811
- engine 2	710 040 52	71-05 TASK 811
Engine flameout		
engine restart not attempted; record engine condition		
- engine 1	730 150 51	73-06 TASK 808
- engine 2	730 150 52	73-06 TASK 808
engine restart not OK, F/F low		
- engine 1	730 100 51	73-06 TASK 808
- engine 2	730 100 52	73-06 TASK 808
 engine restart not OK, F/F zero 		
- engine 1	730 110 51	73-06 TASK 808
- engine 2	730 110 52	73-06 TASK 808
 engine restart not OK, low windmill N2 		
- engine 1	730 130 51	73-06 TASK 808
- engine 2	730 130 52	73-06 TASK 808

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Engine flameout (continued)		
 engine restart not OK, unknown/other reasons 		
- engine 1	730 140 51	73-06 TASK 808
- engine 2	730 140 52	73-06 TASK 808
engine restart not OK, VIB high		
- engine 1	730 120 51	71-05 TASK 808
- engine 2	730 120 52	71-05 TASK 808
engine restart OK; record suspected cause of flameout		
- engine 1	730 090 51	73-06 TASK 807
- engine 2	730 090 52	73-06 TASK 807
Engine fuel indication		
 FF, N1, N2, and EGT read low or fluctuate 		
- engine 1	730 160 51	73-06 TASK 809
- engine 2	730 160 52	73-06 TASK 809
 fuel flow is high, engine parameters (EGT, N1, N2) normal 		
- engine 1	730 170 51	73-07 TASK 802
- engine 2	730 170 52	73-07 TASK 802
 fuel flow is intermittent or blank, engine parameters (EGT, N1, N2, and fuel used) normal 		
- engine 1	730 180 51	73-07 TASK 802
- engine 2	730 180 52	73-07 TASK 802
 fuel flow is zero or low, engine parameters (EGT, N1, N2) not normal and fuel used is low 		
- engine 1	730 200 51	73-06 TASK 809
- engine 2	730 200 52	73-06 TASK 809
 fuel flow is zero or low, engine parameters (EGT, N1, N2, and fuel used) normal 		
- engine 1	730 190 51	73-07 TASK 802
- engine 2	730 190 52	73-07 TASK 802
fuel used indication not normal, fuel flow normal		
- engine 1	730 210 51	73-07 TASK 801
- engine 2	730 210 52	73-07 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Engine idle speed		
Approach idle speed high		
- engine 1	730 220 51	73-05 TASK 806
- engine 2	730 220 52	73-05 TASK 806
 Approach idle speed low, ENG ANTI-ICE switch at ON 		
- engine 1	730 230 51	73-07 TASK 803
- engine 2	730 230 52	73-07 TASK 803
 Approach idle speed low, landing flaps selected 		
- engine 1	730 240 51	73-07 TASK 804
- engine 2	730 240 52	73-07 TASK 804
 Approach idle speed low, landing flaps selected and ENG ANTI-ICE switch at ON 		
- engine 1	730 250 51	73-07 TASK 803
- engine 2	730 250 52	73-07 TASK 803
minimum idle speed high		
- engine 1	730 260 51	73-05 TASK 807
- engine 2	730 260 52	73-05 TASK 807
minimum idle speed low		
- engine 1	730 270 51	73-05 TASK 807
- engine 2	730 270 52	73-05 TASK 807
Engine motoring		
 no or low maximum dry motor speed (N2 low), duct pressure low (less than 30 psi), START VLV OPEN message shows on the engine display 		
- engine 1	800 010 51	80-07 TASK 801
- engine 2	800 010 52	80-07 TASK 801
 no or low maximum dry motor speed (N2 low), duct pressure normal, START VLV OPEN message shows on the engine display 		
- engine 1	800 020 51	80-07 TASK 802
- engine 2	800 020 52	80-07 TASK 802
Engine N1 indication		
• blank		
- engine 1	770 020 51	77-05 TASK 802
- engine 2	770 020 52	77-05 TASK 802

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Engine N1 indication (continued)		
fluctuates		
- engine 1	770 025 51	77-05 TASK 806
- engine 2	770 025 52	77-05 TASK 806
Engine N2 indication		
• blank		
- engine 1	770 030 51	77-05 TASK 803
- engine 2	770 030 52	77-05 TASK 803
• fluctuates		
- engine 1	770 035 51	77-05 TASK 807
- engine 2	770 035 52	77-05 TASK 807
Engine nacelle or strut dragged or damaged		
- engine 1	055 100 51	05-51 TASK 811
- engine 2	055 100 52	05-51 TASK 811
Engine oil consumption		
high (oil quantity decreases at a quick rate)		
- engine 1	790 010 51	79-05 TASK 801
- engine 2	790 010 52	79-05 TASK 801
Engine oil pressure indication		
• high		
- engine 1	790 015 51	79-05 TASK 802
- engine 2	790 015 52	79-05 TASK 802
intermittent or blank		
- engine 1	790 050 51	79-05 TASK 807
- engine 2	790 050 52	79-05 TASK 807
low or zero (red)		
- engine 1	790 045 51	79-05 TASK 803
- engine 2	790 045 52	79-05 TASK 803
 red bar shows on oil pressure indication scale/bar 		
- left engine	790 055 51	31-63 TASK 827
- right engine	790 055 52	31-63 TASK 827

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Engine oil quantity indication		
• high		
- engine 1	790 060 51	79-05 TASK 808
- engine 2	790 060 52	79-05 TASK 808
• inaccurate, intermittent, remains constant, or blank		
- engine 1	790 080 51	79-05 TASK 810
- engine 2	790 080 52	79-05 TASK 810
• low		
- engine 1	790 070 51	79-05 TASK 809
- engine 2	790 070 52	79-05 TASK 809
Engine oil temperature indication		
high (amber)		
- engine 1	790 085 51	79-05 TASK 811
- engine 2	790 085 52	79-05 TASK 811
high (red)		
- engine 1	790 090 51	79-05 TASK 812
- engine 2	790 090 52	79-05 TASK 812
intermittent or blank		
- engine 1	790 100 51	79-05 TASK 815
- engine 2	790 100 52	79-05 TASK 815
 red bar shows on oil temperature indication scale/bar 		
- left engine	790 095 51	31-63 TASK 827
- right engine	790 095 52	31-63 TASK 827
Engine overspeed		
N1 over redline		
- engine 1	710 060 51	71-06 TASK 801
- engine 2	710 060 52	71-06 TASK 801
N2 over redline		
- engine 1	710 070 51	71-06 TASK 802
- engine 2	710 070 52	71-06 TASK 802
 reverse thrust (N1) over limit, write maximum N1 		
- engine 1	710 080 51	71-06 TASK 803
- engine 2	710 080 52	71-06 TASK 803

EFFECTIVITY -

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Engine overtemperature (except starting)		
 EGT over amber band limit due to surge/stall 		
- engine 1	710 100 51	71-05 TASK 804
- engine 2	710 100 52	71-05 TASK 804
 EGT over amber band limit, no surge/stall 		
- engine 1	710 090 51	71-06 TASK 804
- engine 2	710 090 52	71-06 TASK 804
EGT over redline due to surge/stall		
- engine 1	710 115 51	71-06 TASK 806
- engine 2	710 115 52	71-06 TASK 806
EGT over redline, no surge/stall		
- engine 1	710 110 51	71-06 TASK 805
- engine 2	710 110 52	71-06 TASK 805
Engine parameters		
EGT fluctuates at all power settings		
- engine 1	710 140 51	71-06 TASK 807
- engine 2	710 140 52	71-06 TASK 807
EGT high		
- engine 1	710 150 51	71-06 TASK 807
- engine 2	710 150 52	71-06 TASK 807
• EGT low		
- engine 1	710 160 51	71-06 TASK 807
- engine 2	710 160 52	71-06 TASK 807
N1, N2, EGT, and FF read low or fluctuate		
- engine 1	710 130 51	73-06 TASK 809
- engine 2	710 130 52	73-06 TASK 809
Engine seizure		
- engine 1	055 120 51	05-51 TASK 811
- engine 2	055 120 52	05-51 TASK 811
Engine start		
EGT increase and lightoff not normal (impending hot		
start), fuel flow and duct pressure normal, engine started		
- engine 1	800 030 51	80-05 TASK 801
- engine 2	800 030 52	80-05 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Engine start (continued)		
 engine overtemperature, EGT red, engine did not have an automatic shutdown 		
- engine 1	800 270 51	80-05 TASK 807
- engine 2	800 270 52	80-05 TASK 807
 engine overtemperature, EGT red, engine had an automatic shutdown 		
- engine 1	800 070 51	80-05 TASK 802
- engine 2	800 070 52	80-05 TASK 802
fuel flow high, EGT high, engine started		
- engine 1	800 080 51	80-05 TASK 803
- engine 2	800 080 52	80-05 TASK 803
 fuel flow low, high, or zero, EGT and N2 increase normal, engine started 		
- engine 1	800 090 51	80-05 TASK 804
- engine 2	800 090 52	80-05 TASK 804
 no lightoff, duct pressure and N2 normal, ENG VALVE CLOSED light on 		
- engine 1	800 140 51	80-06 TASK 801
- engine 2	800 140 52	80-06 TASK 801
 no lightoff, duct pressure and N2 normal, SPAR VALVE CLOSED light on 		
- engine 1	800 150 51	80-06 TASK 802
- engine 2	800 150 52	80-06 TASK 802
 no lightoff, fuel flow normal, ignition switch at IGN L, engine start normal with ignition switch at IGN R or BOTH 		
- engine 1	800 180 51	80-06 TASK 803
- engine 2	800 180 52	80-06 TASK 803
 no lightoff, fuel flow normal, ignition switch at IGN R, engine start normal with ignition switch at IGN L or BOTH 		
- engine 1	800 190 51	80-06 TASK 804
- engine 2	800 190 52	80-06 TASK 804
 no lightoff, fuel flow zero, ENG VALVE CLOSED and SPAR VALVE CLOSED lights are off 		
- engine 1	800 200 51	80-06 TASK 805
- engine 2	800 200 52	80-06 TASK 805

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Engine start (continued)		
 no N1 rotation, EGT and N2 increase normal, engine started 		
- engine 1	800 110 51	80-05 TASK 805
- engine 2	800 110 52	80-05 TASK 805
 slow N2 acceleration to idle or hung start 		
- engine 1	800 220 51	80-05 TASK 806
- engine 2	800 220 52	80-05 TASK 806
 START VLV OPEN message does not show on the engine display, N2 rotation normal 		
- engine 1	800 050 51	80-07 TASK 803
- engine 2	800 050 52	80-07 TASK 803
 START VLV OPEN message does not show on the engine display, no N2 rotation 		
- engine 1	800 060 51	80-07 TASK 804
- engine 2	800 060 52	80-07 TASK 804
 START VLV OPEN message flashes (for up to 10 seconds) and then stays on during engine engine operation 		
- engine 1	800 062 51	80-07 TASK 809
- engine 2	800 062 52	80-07 TASK 809
Engine start switch		
 switch does not hold in GRD position, switch manually held in GRD position, N2 rotation normal 		
- engine 1	800 230 51	80-07 TASK 805
- engine 2	800 230 52	80-07 TASK 805
 switch does not hold in GRD position, switch manually held in GRD position, no N2 rotation 		
- engine 1	800 240 51	80-07 TASK 806
- engine 2	800 240 52	80-07 TASK 806
 Switch moves from GRD to OFF before N2 is at 55%, engine started 		
- engine 1	800 250 51	80-07 TASK 807
- engine 2	800 250 52	80-07 TASK 807

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Engine start switch (continued)		
 Switch stays at GRD after N2 is more than 55%, engine started 		
- engine 1	800 260 51	80-07 TASK 808
- engine 2	800 260 52	80-07 TASK 808
Engine strut or nacelle dragged or damaged		
- engine 1	055 100 51	05-51 TASK 811
- engine 2	055 100 52	05-51 TASK 811
Engine surge/stall		
 Surge/stall during acceleration or deceleration, engine operation normal after thrust was decreased to idle, engine shutdown 		
- engine 1	710 180 51	71-05 TASK 804
- engine 2	710 180 52	71-05 TASK 804
 Surge/stall during acceleration or deceleration, engine operation not normal after thrust was decreased to idle, engine shutdown 		
- engine 1	710 190 51	71-05 TASK 804
- engine 2	710 190 52	71-05 TASK 804
 Surge/stall during reverse thrust, engine operation normal after thrust was decreased to idle 		
- engine 1	710 240 51	71-05 TASK 804
- engine 2	710 240 52	71-05 TASK 804
 Surge/stall during reverse thrust, engine operation not normal after thrust was decreased to idle 		
- engine 1	710 250 51	71-05 TASK 804
- engine 2	710 250 52	71-05 TASK 804
 Surge/stall during takeoff, engine operation normal after surge 		
- engine 1	710 200 51	71-05 TASK 804
- engine 2	710 200 52	71-05 TASK 804
 Surge/stall during takeoff, engine operation not normal after surge, engine shutdown 		
- engine 1	710 210 51	71-05 TASK 804
- engine 2	710 210 52	71-05 TASK 804

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Engine takeoff thrust		
• low		
- engine 1	730 280 51	73-05 TASK 808
- engine 2	730 280 52	73-05 TASK 808
Engine thrust loss (automatic deceleration)		
 With no movement of thrust levers, engine parameters normal 		
- engine 1	730 300 51	73-06 TASK 812
- engine 2	730 300 52	73-06 TASK 812
 With no movement of thrust levers, engine parameters not normal (VIB high) 		
- engine 1	730 310 51	71-05 TASK 808
- engine 2	730 310 52	71-05 TASK 808
Engine turns while fire handle is in the pulled position		
- engine 1	291 201 51	29-11 TASK 801
- engine 2	291 201 52	29-11 TASK 801
Engine VIB indication		
• blank		
- engine 1	770 040 51	77-05 TASK 805
- engine 2	770 040 52	77-05 TASK 805
Zero or fluctuates		
- engine 1	770 050 51	77-05 TASK 804
- engine 2	770 050 52	77-05 TASK 804
Engine vibration		
Vibration high		
- engine 1	710 232 51	71-05 TASK 808
- engine 2	710 232 52	71-05 TASK 808
Entry door exterior handle		
Difficult to operate		
- aft	521 010 45	52-10 TASK 811
- forward	521 010 44	52-10 TASK 811
EQUIP COOLING EXHAUST OFF light		
light on with switch at ALTERNATE	212 080 00	21-27 TASK 805

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
EQUIP COOLING EXHAUST OFF light (continued)		
light on with switch at NORMAL	212 090 00	21-27 TASK 806
EQUIP COOLING SUPPLY OFF light		
light on with switch at ALTERNATE	212 100 00	21-27 TASK 807
light on with switch at NORMAL	212 110 00	21-27 TASK 808
Escape rope (lanyard)		
• damaged		
- captain's	256 130 31	25-61 TASK 802
- first officer's	256 130 32	25-61 TASK 802
unstowed		
- captain's	256 140 31	25-61 TASK 803
- first officer's	256 140 32	25-61 TASK 803
Escape rope (lanyard) compartment cover		
will not close		
- captain's	256 120 31	25-61 TASK 801
- first officer's	256 120 32	25-61 TASK 801
EXT AFT light for cargo fire extinguishing		
light does not come on during cargo fire test	262 210 45	26-23 TASK 812
EXT FWD light for cargo fire extinguishing		
light does not come on during cargo fire test	262 210 44	26-23 TASK 812
EXT TEST		
Test failed		
- APU	262 080 00	26-20 TASK 801
- engine 1	262 010 00	26-20 TASK 801
- engine 2	262 020 00	26-20 TASK 801
Extreme dust condition	055 020 00	05-51 TASK 802
F/O PITOT light		
• light on	303 030 00	30-31 TASK 803
FAIL light on the CDU		
• light on	346 080 00	34-61 TASK 807
Fault did not occur in any system during the flight leg	999 999 99	31-98 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
FAULT light for the APU		
light on, APU had a protective shutdown	492 010 00	49-60 TASK 801
• light on, APU operates without a protective shutdown	492 020 00	49-15 TASK 801
FAULT light for the fire detection system on (P8 control stand)		
- engine 1	261 040 51	26-10 TASK 801
- engine 2	261 040 52	26-10 TASK 801
FAULT light for the IRS		
• light on		
- left	342 070 41	34-21 TASK 803
- right	342 070 42	34-21 TASK 803
FD flag shows on flight director display		
- captain's	221 170 31	22-11 TASK 801
- captain's and first officer's	221 170 48	22-11 TASK 801
- first officer's	221 170 32	22-11 TASK 801
FD status		
 does not show on the flight mode annunciator with F/D on 		
- captain's	221 150 31	22-11 TASK 801
- captain's and first officer's	221 150 48	22-11 TASK 801
- first officer's	221 150 32	22-11 TASK 801
FEEL DIFF PRESS light		
• light on	273 060 00	27-31 TASK 815
FF, N1, N2, and EGT		
read low or fluctuate		
- engine 1	730 160 51	73-06 TASK 809
- engine 2	730 160 52	73-06 TASK 809
FILTER BYPASS light		
 light did not come on during the EEC test 		
- engine 1	730 340 51	73-05 TASK 812
- engine 2	730 340 52	73-05 TASK 812

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
FILTER BYPASS light (continued)		
light on		
- engine 1	730 320 51	73-05 TASK 801
- engine 2	730 320 52	73-05 TASK 801
Fire extinguisher, flight compartment		
• missing	262 110 00	26-99 TASK 801
seal broken or missing	262 090 00	26-99 TASK 801
• used	262 100 00	26-99 TASK 801
Fire extinguishing bottle		
APU bottle discharged	262 070 00	26-20 TASK 802
APU bottle does not release extinguishant automatically, extinguishant releases when manually activated	262 140 00	26-20 TASK 805
does not release extinguishant when activated at the remote APU fire control panel	262 130 00	26-20 TASK 804
 does not release extinguishant when the fire handle is turned 		
- APU	262 120 00	26-20 TASK 803
- engine left	262 030 00	26-20 TASK 803
- engine right	262 040 00	26-20 TASK 803
engine left bottle discharged	262 050 00	26-20 TASK 802
engine right bottle discharged	262 060 00	26-20 TASK 802
Fire handle in the pulled position while engine turns		
- engine 1	291 201 51	29-11 TASK 801
- engine 2	291 201 52	29-11 TASK 801
Fire, false alarm		
- APU	261 060 00	26-10 TASK 801
Fire/overheat detection test		
 Test failed, warning lights and alarm do not operate 		
- APU	261 070 00	26-10 TASK 801
- engine 1	261 030 51	26-10 TASK 801
- engine 2	261 030 52	26-10 TASK 801
- wheel well	261 100 00	26-18 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Fireproof gloves		
• damaged	256 015 00	25-99 TASK 801
• missing	256 010 00	25-99 TASK 801
Flame or smoke in APU exhaust	492 150 00	49-55 TASK 801
Flames, momentary, from APU exhaust during main engine start	492 160 00	49-55 TASK 808
Flap lever		
does not move freely	275 100 00	27-51 TASK 843
Flap position indicator		
has fast movement	275 030 00	27-51 TASK 844
has needles split	275 040 00	27-51 TASK 840
has slow movement	275 050 00	27-51 TASK 845
needle(s) do not operate	275 060 00	27-51 TASK 841
• needle(s) stick	275 070 00	27-51 TASK 842
Flaps		
do not extend with alternate control	275 091 00	27-51 TASK 838
do not operate with alternate control	275 090 00	27-51 TASK 837
do not operate with primary control	275 080 00	27-51 TASK 836
Do not retract with alternate control	275 092 00	27-51 TASK 839
lever does not move freely	275 100 00	27-51 TASK 843
load relief occurrs at wrong airspeed	275 020 00	27-51 TASK 803
operation is fast	275 110 00	27-51 TASK 844
operation is slow	275 120 00	27-51 TASK 845
TE flap transmission torque trip indicator extended	275 140 00	27-51 TASK 849
Trailing Edge Flap Lockout on Aproach	275 081 00	27-51 TASK 836
Flaps and slats, leading edge		
do not extend during alternate system operation	278 020 00	27-81 TASK 802
do not extend during normal system operation	278 030 00	27-81 TASK 803
Do not retract	278 040 00	27-81 TASK 803
• one or more leading edge surfaces operate slowly	278 050 00	27-81 TASK 805

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Flaps, leading edge		
droops too much with hydraulic pressure off	278 010 00	27-81 TASK 801
TRANSIT light stays on		
- 1	278 070 01	27-88 TASK 820
- 2	278 070 02	27-88 TASK 820
- 3	278 070 03	27-88 TASK 820
- 4	278 070 04	27-88 TASK 820
Flaps/slats extended with airplane speed over placard		
limit	055 090 00	05-51 TASK 810
Flashlight		
Battery low	256 070 00	25-99 TASK 801
• damaged	256 080 00	25-99 TASK 801
does not come on	256 090 00	33-55 TASK 801
Does not go off	256 091 00	33-55 TASK 801
• missing	256 100 00	25-99 TASK 801
Flashlight LED		
does not come on	256 110 00	33-55 TASK 801
Flight altitude display		
• indication blank	213 090 00	21-31 TASK 803
Flight control surface position indication		
missing indication for one or more surfaces	270 081 00	31-63 TASK 825
Flight deck door (enhanced security door)		
chime does not sound with switch set to AUTO and	505 404 00	50 50 TAOK 000
correct code in keypad	525 121 00	52-50 TASK 808
chime sounds with switch set to DENY	525 131 00	52-50 TASK 807
does not lock with switch set to AUTO	525 141 00	52-50 TASK 804
does not unlock with switch set to AUTO and correct code in keypad	525 151 00	52-50 TASK 806
does not unlock with switch set to UNLKD	525 161 00	52-50 TASK 805
LOCK FAIL light is on	525 171 00	52-50 TASK 809
unlocks with switch set to DENY	525 181 00	52-50 TASK 807
GINOONO WITH OWITOH OUT TO DEIVE	020 101 00	02 00 IAGN 001

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Flight director		
bars are biased out of view after TOGA button is pushed		
- captain's	221 165 31	22-11 TASK 829
- first officer's	221 165 32	22-11 TASK 829
 Display does not move correctly to guide the airplane to the set altitude 		
- captain's	221 360 31	22-11 TASK 801
- captain's and first officer's	221 360 48	22-11 TASK 801
- first officer's	221 360 32	22-11 TASK 801
 does not operate, FD status does not show on the flight mode annunciator, autopilot not on 		
- captain's	221 160 31	22-11 TASK 801
- captain's and first officer's	221 160 48	22-11 TASK 801
- first officer's	221 160 32	22-11 TASK 801
FD flag shows on flight director display		
- captain's	221 170 31	22-11 TASK 801
- captain's and first officer's	221 170 48	22-11 TASK 801
- first officer's	221 170 32	22-11 TASK 801
 FD status does not show on the flight mode annunciator with F/D on 		
- captain's	221 150 31	22-11 TASK 801
- captain's and first officer's	221 150 48	22-11 TASK 801
- first officer's	221 150 32	22-11 TASK 801
 pitch or roll mode does not engage or disengages automatically, flight command display goes out of view 		
- captain's	221 210 31	22-11 TASK 801
- captain's and first officer's	221 210 48	22-11 TASK 801
- first officer's	221 210 32	22-11 TASK 801
 TO/GA pitch mode does not show on the flight mode annunciator for takeoff when TO/GA switch is pushed and F/D on 		
- captain's	221 190 31	22-11 TASK 801
- captain's and first officer's	221 190 48	22-11 TASK 801
- first officer's	221 190 32	22-11 TASK 801

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Flight interphone • does not operate - all stations	FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
- all stations	Flight interphone		
- captain's 235 030 31 23-51 TASK 804 - first observer's 235 030 33 23-51 TASK 804 - first officer's 235 030 32 23-51 TASK 804 Flight kit light • does not come on correctly - captain's 331 110 31 33-10 TASK 801 - first officer's 311 110 32 33-10 TASK 801 • Does not go off - captain's 311 11 31 33-10 TASK 801 - first officer's 311 111 31 33-10 TASK 801 • Task 801 - first officer's 311 111 31 33-10 TASK 801 - first officer's 311 111 32 33-10 TASK 801 FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL B ARE NOT SYNCHRONIZED shows on Engine BITE Recent Faults page or Fault History page - engine 1 730 456 51 73-05 TASK 815	does not operate		
- first observer's 235 030 33 23-51 TASK 804 - first officer's 235 030 32 23-51 TASK 804 Flight kit light • does not come on correctly - captain's 331 110 31 33-10 TASK 801 - first officer's 331 110 32 33-10 TASK 801 • Does not go off - captain's 331 111 31 33-10 TASK 801 - first officer's 331 111 32 33-10 TASK 801 FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL B ARE NOT SYNCHRONIZED shows on Engine BITE Recent Faults page or Fault History page - engine 1 730 456 51 73-05 TASK 815	- all stations	235 030 48	23-51 TASK 803
- first officer's 235 030 32 23-51 TASK 804 Flight kit light • does not come on correctly 331 110 31 33-10 TASK 801 • captain's 331 110 32 33-10 TASK 801 • Does not go off 331 111 31 33-10 TASK 801 • first officer's 331 111 32 33-10 TASK 801 • first officer's 331 111 32 33-10 TASK 801 FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL B ARE NOT SYNCHRONIZED shows on Engine BITE Recent Faults page or Fault History page • engine 1 730 456 51 73-05 TASK 815	- captain's	235 030 31	23-51 TASK 804
Flight kit light • does not come on correctly - captain's 331 110 31 33-10 TASK 801 - first officer's 331 110 32 33-10 TASK 801 • Does not go off 331 111 31 33-10 TASK 801 - captain's 331 111 32 33-10 TASK 801 - first officer's 331 111 32 33-10 TASK 801 FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL B ARE NOT SYNCHRONIZED shows on Engine BITE Recent Faults page or Fault History page - engine 1 730 456 51 73-05 TASK 815	- first observer's	235 030 33	23-51 TASK 804
 does not come on correctly captain's first officer's Does not go off captain's data and the properties of the prop	- first officer's	235 030 32	23-51 TASK 804
- captain's	Flight kit light		
- first officer's 331 110 32 33-10 TASK 801 • Does not go off 331 111 31 33-10 TASK 801 - first officer's 331 111 32 33-10 TASK 801 FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL B ARE NOT SYNCHRONIZED shows on Engine BITE Recent Faults page or Fault History page - engine 1 730 456 51 73-05 TASK 815	does not come on correctly		
Does not go off captain's	- captain's	331 110 31	33-10 TASK 801
- captain's 331 111 31 33-10 TASK 801 - first officer's 331 111 32 33-10 TASK 801 FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL B ARE NOT SYNCHRONIZED shows on Engine BITE Recent Faults page or Fault History page - engine 1 730 456 51 73-05 TASK 815	- first officer's	331 110 32	33-10 TASK 801
- first officer's	Does not go off		
FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL B ARE NOT SYNCHRONIZED shows on Engine BITE Recent Faults page or Fault History page - engine 1	- captain's	331 111 31	33-10 TASK 801
ARE NOT SYNCHRONIZED shows on Engine BITE Recent Faults page or Fault History page - engine 1	- first officer's	331 111 32	33-10 TASK 801
· ·	ARE NOT SYNCHRONIZED shows on Engine BITE		
- engine 2	- engine 1	730 456 51	73-05 TASK 815
	- engine 2	730 456 52	73-05 TASK 815
FLIGHT RECORDER OFF light	FLIGHT RECORDER OFF light		
• light on	• light on	313 010 00	31-31 TASK 805
Floodlight, control stand	Floodlight, control stand		
• does not come on correctly	does not come on correctly	331 090 00	33-10 TASK 801
• Does not go off	Does not go off	331 091 00	33-10 TASK 801
Floodlight, glareshield (AFCS)	Floodlight, glareshield (AFCS)		
• does not come on correctly	does not come on correctly	331 070 00	33-10 TASK 801
• Does not go off	Does not go off	331 071 00	33-10 TASK 801
Floodlight, oxygen mask	Floodlight, oxygen mask		
• does not come on	does not come on	331 140 00	33-10 TASK 801
Floodlight, panel	Floodlight, panel		
does not come on correctly	does not come on correctly		
- captain's	- captain's	331 080 31	33-10 TASK 801
- center	- center	331 080 43	33-10 TASK 801
- first officer's	- first officer's	331 080 32	33-10 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Floodlight, panel (continued)		
Does not go off		
- captain's	331 081 31	33-10 TASK 801
- center	331 081 43	33-10 TASK 801
- first officer's	331 081 32	33-10 TASK 801
FLT ALT display		
• indication blank	213 090 00	21-31 TASK 803
FLT CONTROL A LOW PRESSURE light		
• light on	270 010 00	27-21 TASK 813
FLT CONTROL B LOW PRESSURE light		
• light on	270 020 00	27-21 TASK 814
FMC DISAGREE message shows on CDU	346 075 00	34-61 TASK 835
FMC FAIL light on the CDU		
• light on	346 080 00	34-61 TASK 807
FMC menu prompt flashes or is slow to respond	346 131 00	34-61 TASK 838
FMC Nav data crossloading problem	346 120 00	34-61 TASK 832
FMC shows in the middle of the CDU display	346 070 00	34-61 TASK 807
FMC software load		
CHECK DBL OR INTERFACE message shows on		
CDU	346 290 00	34-61 TASK 812
CHECK MEDIA message shows on CDU	346 330 00	34-61 TASK 816
 DB EXCEEDS FMC MEMORY message shows on 		
CDU	346 300 00	34-61 TASK 813
DB-OFP INCOMPATIBLE message shows on CDU	346 320 00	34-61 TASK 815
INCORRECT DISK INSERTED message shows on CDU	346 340 00	34-61 TASK 817
RESET COUNT EXCEEDED message shows on CDU .	346 310 00	34-61 TASK 814
FOD/Birdstrike		
in engine, engine had a surge/stall		
- engine 1	710 030 51	71-05 TASK 805
- engine 2	710 030 52	71-05 TASK 805

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
FOD/Birdstrike (continued)		
in engine, engine parameters normal		
- engine 1	710 010 51	71-05 TASK 801
- engine 2	710 010 52	71-05 TASK 801
• in engine, engine parameters not normal or unknown		
- engine 1	710 020 51	71-05 TASK 801
- engine 2	710 020 52	71-05 TASK 801
• on airframe/area unknown, engine parameters normal	055 130 00	05-51 TASK 804
Fog, high humidity, or ice in cabin	215 010 00	21-51 TASK 801
Foot air outlet		
does not operate		
- captain's	212 020 31	21-22 TASK 801
- first officer's	212 020 32	21-22 TASK 801
Forward thrust lever		
Difficult to move in forward thrust		
- engine 1	760 020 51	76-05 TASK 802
- engine 2	760 020 52	76-05 TASK 802
 has lost motion, no engine response to thrust lever movement 		
- engine 1	760 030 51	76-05 TASK 803
- engine 2	760 030 52	76-05 TASK 803
 jammed in forward thrust (no movement) 		
- engine 1	760 025 51	76-05 TASK 804
- engine 2	760 025 52	76-05 TASK 804
levers not aligned (staggered) for same N1 on both engines	760 010 00	76-05 TASK 801
FQIS BITE INOP message		
• Shows on CDU	284 101 00	28-41 TASK 819
Fuel pump LOW PRESSURE light		
 light comes on, but not in the specified time (15 +/-2 seconds) during boost pump auto-shutoff functional test 		
- center tank, left pump	282 312 41	28-22 TASK 820
- center tank, right pump	282 312 42	28-22 TASK 821

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Fuel pump LOW PRESSURE light (continued)		
 light does not come on during boost pump auto-shutoff functional test 		
- center tank, left pump	282 311 41	28-22 TASK 820
- center tank, right pump	282 311 42	28-22 TASK 821
• light on		
- center tank, left pump	282 130 43	28-22 TASK 801
- center tank, right pump	282 140 43	28-22 TASK 802
- no. 1 aft fuel pump	282 150 01	28-22 TASK 803
- no. 1 fwd and aft fuel pumps	282 160 01	28-22 TASK 803
- no. 1 fwd fuel pump	282 170 01	28-22 TASK 804
- no. 2 aft fuel pump	282 150 02	28-22 TASK 805
- no. 2 fwd and aft fuel pumps	282 160 02	28-22 TASK 805
- no. 2 fwd fuel pump	282 170 02	28-22 TASK 806
Fuel quantity indication, flight compartment		
CONFIG message shows	284 022 00	28-41 TASK 820
error or blank		
- all tanks	284 020 48	28-41 TASK 813
- center tank	284 020 43	28-41 TASK 813
- no. 1 tank	284 020 01	28-41 TASK 813
- no. 2 tank	284 020 02	28-41 TASK 813
fluctuates or is too high or too low		
- center tank	284 010 43	28-41 TASK 814
- no. 1 tank	284 010 01	28-41 TASK 814
- no. 2 tank	284 010 02	28-41 TASK 814
IMBAL message shows	284 023 00	28-41 TASK 820
LOW message shows	284 024 00	28-41 TASK 820
Fuel quantity indicator, refuel panel		
• blank		
- all tanks	282 010 48	28-21 TASK 804
- center tank	282 010 43	28-21 TASK 804
- tank no. 1	282 010 01	28-21 TASK 804
- tank no. 2	282 010 02	28-21 TASK 804

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Fuel quantity indicator, refuel panel (continued)		
 Display is not correct with switch at TEST GAGES 		
- all tanks	282 011 48	28-21 TASK 802
- center tank	282 011 43	28-21 TASK 802
- tank no. 1	282 011 01	28-21 TASK 802
- tank no. 2	282 011 02	28-21 TASK 802
• flashes		
- center tank	282 015 43	28-21 TASK 816
- tank no. 1	282 015 01	28-21 TASK 816
- tank no. 2	282 015 02	28-21 TASK 816
shows ARINC error message		
- all tanks	282 013 48	28-21 TASK 817
- center tank	282 013 43	28-21 TASK 817
- tank no. 1	282 013 01	28-21 TASK 817
- tank no. 2	282 013 02	28-21 TASK 817
Shows Ind FAIL		
- all tanks	282 012 48	28-21 TASK 805
- center tank	282 012 43	28-21 TASK 805
- tank no. 1	282 012 01	28-21 TASK 805
- tank no. 2	282 012 02	28-21 TASK 805
Fuel suction feed		
engine does not continue running the full five minutes		
during Engine Fuel Suction Feed Operational Test	282 251 00	28-22 TASK 819
Fuel tank		
boost pump circuit breaker open		
- center tank, left pump	282 301 43	28-22 TASK 817
- center tank, right pump	282 302 43	28-22 TASK 818
- No. 1 tank, aft pump	282 301 01	28-22 TASK 814
- No. 1 tank, forward pump	282 302 01	28-22 TASK 813
- No. 2 tank, aft pump	282 301 02	28-22 TASK 816
- No. 2 tank, forward pump	282 302 02	28-22 TASK 815
DC fuel pump circuit breaker open	282 303 00	28-25 TASK 803

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Fuel tank (continued)		
 unwanted fuel transfer from a main tank to the center tank 		
- from tank 1	282 100 01	28-21 TASK 803
- from tank 2	282 100 02	28-21 TASK 813
Fuel temperature indicator		
does not operate correctly	284 030 00	28-43 TASK 801
Fuel transfer (migration)		
 Unwanted fuel transfer from the center tank to the No. 1 		
tank	282 101 00	28-21 TASK 814
Unwanted fuel transfer from the center tank to the No. 2 tank	282 102 00	28-21 TASK 815
Fuel valve for the APU		
Does not fully open or fully close	493 010 00	49-60 TASK 801
Fumes or smoke in cabin		
pneumatic power supplied by APU	499 010 00	49-55 TASK 802
 pneumatic power supplied by engine 		
- engine 1	710 300 51	71-05 TASK 807
- engine 2	710 300 52	71-05 TASK 807
FWD cargo fire light		
light on (false alarm)	261 225 44	26-16 TASK 801
FWD SUPPLY DUCT air temperature indication is not		
correct	216 180 00	21-61 TASK 859
FWD ZONE CABIN air temperature indication is not	216 130 00	21-61 TASK 856
correct		
G/S flag shows on integrated standby flight display	342 604 00	34-24 TASK 808
G/S flag shows on the EFIS display		
- captain's	343 030 31	34-31 TASK 806
- first officer's	343 030 32	34-31 TASK 807
Galley faucet leaks or faucet damaged	381 045 00	25-99 TASK 801
Galley service door exterior handle		
Difficult to operate	524 010 00	52-10 TASK 811

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
GEN OFF BUS and SOURCE OFF lights		
 lights on with IDG 1 and IDG 2 on line 		
- no. 1	242 040 01	24-21 TASK 801
- no. 2	242 040 02	24-21 TASK 801
Generator SOURCE OFF light		
 light comes on but no fault light on GCU is on 		
- GEN 1 SOURCE OFF light	242 080 01	24-21 TASK 821
- GEN 2 SOURCE OFF light	242 080 02	24-21 TASK 821
Glareshield (AFCS) Floodlight		
does not come on correctly	331 070 00	33-10 TASK 801
Does not go off	331 071 00	33-10 TASK 801
Glideslope and localizer pointers		
 do not show, G/S and LOC flags do not show 		
- captain's	343 050 31	34-31 TASK 809
- first officer's	343 050 32	34-31 TASK 809
Gloves, fireproof		
• damaged	256 015 00	25-99 TASK 801
• missing	256 010 00	25-99 TASK 801
GPS light on IRS mode select unit		
Comes on when Master Caution pushed	345 411 00	34-58 TASK 802
Stays on continuously	345 410 00	34-58 TASK 801
GPS-L data on POS REF display of CDU		
• missing	346 460 00	34-61 TASK 801
GPS-R data on POS REF display		
• missing	346 470 00	34-61 TASK 801
GPWS		
BITE display is blank	344 420 00	34-46 TASK 821
GPWS INOP light		
• light on	344 410 00	34-46 TASK 801
Ground mode		
Shows with airplane in the air	320 030 00	32-09 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Ground proximity		
MAP/TERR RANGE DISAGREE message shows	344 470 00	34-46 TASK 858
TERR FAIL message shows	344 450 00	34-46 TASK 856
TERR POS message shows	344 430 00	34-46 TASK 856
TERR RANGE DISAGREE message shows	344 460 00	34-46 TASK 857
Terrain display does not show		
- captain's	344 480 31	34-46 TASK 853
- captain's and first officer's	344 480 48	34-46 TASK 853
- first officer's	344 480 32	34-46 TASK 853
GS data on POS REF display of CDU		
• missing	346 480 00	34-61 TASK 801
Hand microphone		
• damaged		
- captain's	235 060 31	23-51 TASK 802
- first observer's	235 060 33	23-51 TASK 802
- first officer's	235 060 32	23-51 TASK 802
does not operate		
- captain's	235 050 31	23-51 TASK 801
- first observer's	235 050 33	23-51 TASK 801
- first officer's	235 050 32	23-51 TASK 801
Handle, assist problem		
- captain's	251 100 31	25-99 TASK 801
- first officer's	251 100 32	25-99 TASK 801
Hard landing or high drag/side load landing	055 040 00	05-51 TASK 806
HDG flag shows on integrated standby flight display	342 605 00	34-24 TASK 809
HDG/TRK flag shows on the EFIS display		
- captain's	342 130 31	34-21 TASK 825
- first officer's	342 130 32	34-21 TASK 826
HEADING window display on the mode control panel		
does not change with heading selector switch change	221 810 00	22-11 TASK 803
does not show	221 820 00	22-11 TASK 803

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Heading/track display		
does not show		
- captain's	342 140 31	34-21 TASK 825
- first officer's	342 140 32	34-21 TASK 826
Headphone		
• damaged		
- captain's	235 070 31	23-51 TASK 802
- first observer's	235 070 33	23-51 TASK 802
- first officer's	235 070 32	23-51 TASK 802
- second observer's	235 070 34	23-51 TASK 802
does not operate		
- captain's	235 040 31	23-51 TASK 801
- first observer's	235 040 33	23-51 TASK 801
- first officer's	235 040 32	23-51 TASK 801
- second observer's	235 040 34	23-51 TASK 801
Headset/boom microphone		
• damaged		
- captain's	235 020 31	23-51 TASK 802
- first officer's	235 020 32	23-51 TASK 802
does not operate		
- captain's	235 010 31	23-51 TASK 801
- first officer's	235 010 32	23-51 TASK 801
HF 1 radio		
• reception and transmission problem at all stations	231 060 48	23-11 TASK 806
 reception and transmission problem at one station 		
- captain's	231 060 31	23-11 TASK 806
- first observer's	231 060 33	23-11 TASK 806
- first officer's	231 060 32	23-11 TASK 806
reception problem at all stations	231 070 48	23-11 TASK 806
 reception problem at one station 		
- captain's	231 070 31	23-11 TASK 806
- first observer's	231 070 33	23-11 TASK 806
- first officer's	231 070 32	23-11 TASK 806
Transmission problem at all stations	231 080 48	23-11 TASK 806

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
HF 1 radio (continued)		
Transmission problem at one station		
- captain's	231 080 31	23-11 TASK 806
- first observer's	231 080 33	23-11 TASK 806
- first officer's	231 080 32	23-11 TASK 806
HF 2 radio		
• reception and transmission problem at all stations	231 180 48	23-11 TASK 806
 reception and transmission problem at one station 		
- captain's	231 180 31	23-11 TASK 806
- first observer's	231 180 33	23-11 TASK 806
- first officer's	231 180 32	23-11 TASK 806
reception problem at all stations	231 190 48	23-11 TASK 806
 reception problem at one station 		
- captain's	231 190 31	23-11 TASK 806
- first observer's	231 190 33	23-11 TASK 806
- first officer's	231 190 32	23-11 TASK 806
Transmission problem at all stations	231 200 48	23-11 TASK 806
Transmission problem at one station		
- captain's	231 200 31	23-11 TASK 806
- first observer's	231 200 33	23-11 TASK 806
- first officer's	231 200 32	23-11 TASK 806
Horn, call		
does not sound	234 340 00	23-43 TASK 801
operates continuously	234 350 00	23-43 TASK 802
 Sounds, ADIRU power problem, ON DC light on 		
- left	342 200 41	34-21 TASK 829
- right	342 200 42	34-21 TASK 829
Sounds, equipment cooling problem	342 190 00	34-21 TASK 829
Humidity high, fog, or ice in cabin	215 010 00	21-51 TASK 801
HYD BRAKE PRESS indicator		
does not operate	324 020 00	32-44 TASK 806
low/zero with parking brake released	324 010 00	32-44 TASK 805
low/zero with parking brake set	324 110 00	32-44 TASK 805

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Hydraulic fluid		
Comes out of the reservoir vent line	291 050 00	29-10 TASK 805
Comes out of the reservoir vent line drain mast	291 060 00	29-10 TASK 805
• fluid leakage	291 040 00	29-10 TASK 812
Transfers from system A to system B	291 070 00	29-10 TASK 806
Transfers from system B to system A	291 080 00	29-10 TASK 807
Hydraulic fluid quantity indication		
does not return to the same level after operation of a "heavy use" system	293 150 00	29-30 TASK 808
error or blank		
- system A	293 050 00	31-62 TASK 801
- system B	293 060 00	31-62 TASK 801
 flight compartment display and hydraulic reservoir gauge do not read the same 		
- system A	293 070 00	31-62 TASK 801
- system B	293 080 00	31-62 TASK 801
 flight compartment display moves erratically or jumps between readings 		
- system A	293 110 00	31-62 TASK 801
- system B	293 120 00	31-62 TASK 801
 flight compartment display shows zero, reservoir has hydraulic fluid 		
- system A	293 090 00	31-62 TASK 801
- system B	293 100 00	31-62 TASK 801
• Shows RF (76%)		
- system A	293 130 00	29-30 TASK 815
- system B	293 140 00	29-30 TASK 815
Hydraulic pressure indication		
• above 3200 psi		
- system A	291 090 00	29-10 TASK 808
- system B	291 100 00	29-10 TASK 809
• Below 2800 psi		
- system A	291 110 00	29-10 TASK 810
- system B	291 120 00	29-10 TASK 811

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Hydraulic pressure indication (continued)		
 momentarily below 2900 psi 		
- system A	291 131 00	29-10 TASK 813
- system B	291 132 00	29-10 TASK 813
- systems A and B	291 133 00	29-10 TASK 813
• Zero		
- system A	293 020 00	29-30 TASK 803
- system B	293 025 00	29-30 TASK 804
Hydraulic reservoir gauge		
Shows zero or below, reservoir has hydraulic fluid		
- system A	293 160 00	29-30 TASK 808
- system B	293 170 00	29-30 TASK 808
IAS DISAGREE message shows on airpseed display		
- captain's	342 046 31	31-62 TASK 876
- first officer's	342 046 32	31-62 TASK 876
IAS/MACH window display on the mode control panel		
does not change with selector switch change	221 890 00	22-11 TASK 803
does not show	221 900 00	22-11 TASK 803
IDG differential pressure indicator		
extended		
- left	242 121 41	24-11 TASK 803
- right	242 121 42	24-11 TASK 803
ILS		
Audio tone does not occur or is weak		
- captain's	343 070 31	34-31 TASK 811
- first officer's	343 070 32	34-31 TASK 811
Data on NAV STATUS display of CDU shows FAIL	346 500 00	34-61 TASK 801
frequency shows dashes		
- ILS 1	343 060 01	34-31 TASK 810
- ILS 2	343 060 02	34-31 TASK 810

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
ILS (continued)		
 test problem when you push the TEST switch on the navigation control panel 		
- captain's	343 020 31	34-31 TASK 801
- first officer's	343 020 32	34-31 TASK 801
ILS light on IRS mode select unit		
Comes on when Master Caution pushed	345 415 00	34-31 TASK 820
Stays on continuously	345 414 00	34-31 TASK 819
IMBAL message shows in fuel quantity indication (flight		
compartment)	284 023 00	28-41 TASK 820
INCORRECT DISK INSERTED message shows on CDU		
during FMC software load	346 340 00	34-61 TASK 817
Indicator light		
does not come on correctly	331 010 00	33-10 TASK 801
Does not go off	331 011 00	33-10 TASK 801
Integrated standby flight display		
ALT flag shows	342 602 00	34-24 TASK 805
ATT flag shows	342 603 00	34-24 TASK 806
 attitude display disagrees with primary display; no flag 		
shows	342 611 00	34-24 TASK 814
display blank	342 601 00	34-24 TASK 804
G/S flag shows	342 604 00	34-24 TASK 808
HDG flag shows	342 605 00	34-24 TASK 809
LOC flag shows	342 606 00	34-24 TASK 808
OUT OF ORDER flag shows	342 607 00	34-24 TASK 810
PROGRAM PIN ERROR flag shows	342 608 00	34-24 TASK 811
SPD flag shows	342 609 00	34-24 TASK 812
WAIT ATT flag shows	342 610 00	34-24 TASK 807

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Interphone, flight		
does not operate		
- all stations	235 030 48	23-51 TASK 803
- captain's	235 030 31	23-51 TASK 804
- first observer's	235 030 33	23-51 TASK 804
- first officer's	235 030 32	23-51 TASK 804
Interphone, service		
distorted		
- all jacks	234 030 48	23-41 TASK 803
- jack adjacent to APU	234 120 00	23-41 TASK 802
- jack at aft entry light panel	234 150 00	23-41 TASK 802
- jack at EE rack	234 070 00	23-41 TASK 802
- jack at external power receptacle panel	234 190 00	23-41 TASK 802
- jack at left wheel well	234 230 00	23-41 TASK 802
- jack at right wheel well	234 270 00	23-41 TASK 802
- jack at right wing refueling slat	234 310 00	23-41 TASK 802
- jack in the electronic equipment bay	234 430 00	23-41 TASK 802
does not connect to flight interphone	234 010 00	23-41 TASK 801
does not operate		
- all jacks	234 020 48	23-41 TASK 801
- jack adjacent to APU	234 100 00	23-41 TASK 802
- jack at aft entry light panel	234 140 00	23-41 TASK 802
- jack at EE rack	234 060 00	23-41 TASK 802
- jack at external power receptacle panel	234 180 00	23-41 TASK 802
- jack at left wheel well	234 220 00	23-41 TASK 802
- jack at right wheel well	234 260 00	23-41 TASK 802
- jack at right wing refueling slat	234 300 00	23-41 TASK 802
- jack in the electronic equipment bay	234 410 00	23-41 TASK 802

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Interphone, service (continued)		
intermittent		
- all jacks	234 040 48	23-41 TASK 803
- jack adjacent to APU	234 110 00	23-41 TASK 802
- jack at aft entry light panel	234 160 00	23-41 TASK 802
- jack at EE rack	234 080 00	23-41 TASK 802
- jack at external power receptacle panel	234 200 00	23-41 TASK 802
- jack at left wheel well	234 240 00	23-41 TASK 802
- jack at right wheel well	234 280 00	23-41 TASK 802
- jack at right wing refueling slat	234 320 00	23-41 TASK 802
- jack in the electronic equipment bay	234 420 00	23-41 TASK 802
volume problem		
- all jacks	234 050 48	23-41 TASK 803
- jack adjacent to APU	234 130 00	23-41 TASK 802
- jack at aft entry light panel	234 170 00	23-41 TASK 802
- jack at EE rack	234 090 00	23-41 TASK 802
- jack at external power receptacle panel	234 210 00	23-41 TASK 802
- jack at left wheel well	234 250 00	23-41 TASK 802
- jack at right wheel well	234 290 00	23-41 TASK 802
- jack at right wing refueling slat	234 330 00	23-41 TASK 802
- jack in the electronic equipment bay	234 440 00	23-41 TASK 802
IRS DC FAIL light on		
- left	342 060 41	34-21 TASK 842
- right	342 060 42	34-21 TASK 842
IRS display unit (ISDU)		
maintenance code shows in right window when HDG/STS mode selected	342 220 00	34-21 TASK 835
IRS FAULT light		
• light on		
- left	342 070 41	34-21 TASK 803
- right	342 070 42	34-21 TASK 803
IRS mode select unit		
GPS light comes on when Master Caution pushed	345 411 00	34-58 TASK 802
GPS light stays on continuously	345 410 00	34-58 TASK 801

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
IRS mode select unit (continued)		
ILS light comes on when Master Caution pushed	345 415 00	34-31 TASK 820
ILS light stays on continuously	345 414 00	34-31 TASK 819
ILS, GLS and GPS lights all come on when Master Caution pushed	345 417 00	34-31 TASK 824
ILS, GLS and GPS lights all stay on continuously	345 416 00	34-31 TASK 823
IRS-L data on POS REF display of CDU is missing	346 440 00	34-61 TASK 801
IRS-R data on POS REF display of CDU		
• missing	346 450 00	34-61 TASK 801
Isolation valve		
does not operate correctly	361 060 00	36-10 TASK 806
L ALPHA VANE light		
• light on	303 040 00	30-31 TASK 804
L BOTTLE DISCHARGED light		
• light on for the engine fire extinguishing	262 050 00	26-20 TASK 802
L ELV PITOT light		
• light on	303 050 00	30-31 TASK 805
L VALVE OPEN light for WING ANTI-ICE		
does not come on	301 080 00	30-11 TASK 805
Does not go bright during transition	301 015 41	30-11 TASK 804
slow to go from bright to dim when switch is moved to ON	301 010 00	30-11 TASK 801
slow to go from bright to off when switch is moved to OFF	301 020 00	30-11 TASK 802
Stays on bright	301 030 00	30-11 TASK 803
LAND ALT display		
indication blank	213 100 00	21-31 TASK 803
Landing gear		
LEFT GEAR, RIGHT GEAR, and NOSE GEAR red and green lights (all) are on at the same time	326 072 00	32-30 TASK 816

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Landing gear lever		
 does not move to the UP position in flight, is free to move to the UP position when the lock override is used. 	323 010 00	32-30 TASK 813
Landing gear position lights		
lights not correct	326 010 00	32-09 TASK 801
Landing gear, main		
LEFT GEAR green light does not come on with landing gear lever at DN, LEFT GEAR red light on, alternate gear extension was attempted	326 040 41	32-32 TASK 805
 LEFT GEAR green light does not come on with landing gear lever at DN, LEFT GEAR red light on, indications normal after alternate gear extension	326 050 41	32-32 TASK 802
LEFT GEAR green light does not go off with landing gear lever at UP, LEFT GEAR red light on	326 060 41	32-32 TASK 801
 RIGHT GEAR green light does not come on with landing gear lever at DN, RIGHT GEAR red light on, alternate gear extension was attempted	326 040 42	32-32 TASK 805
 RIGHT GEAR green light does not come on with landing gear lever at DN, RIGHT GEAR red light on, indications normal after alternate gear extension 	326 050 42	32-32 TASK 802
 RIGHT GEAR green light does not go off with landing gear lever at UP, RIGHT GEAR red light on 	326 060 42	32-32 TASK 801
slow to extend		
- left	323 090 41	32-32 TASK 804
- left and right	323 090 48	32-32 TASK 803
- right	323 090 42	32-32 TASK 804
Slow to retract		
- left	323 080 41	32-32 TASK 804
- left and right	323 080 48	32-32 TASK 803
- right	323 080 42	32-32 TASK 804
Landing gear, main and nose		
Does not extend when landing gear lever moved to DN position	326 076 00	32-30 TASK 816
does not retract when landing gear lever moved to UP position	326 075 00	32-30 TASK 815
 Gears (all) extends with landing gear lever at OFF, NOSE GEAR, RIGHT GEAR, and LEFT GEAR green 		
lights on	326 070 00	32-30 TASK 809

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Landing gear, nose		
NOSE GEAR green light does not come on with landing gear lever at DN, NOSE GEAR red light on	326 110 00	32-30 TASK 812
NOSE GEAR green light does not come on with landing gear lever at DN, NOSE GEAR red light on, alternate gear extension was attempted	326 080 00	32-30 TASK 807
NOSE GEAR green light does not go off with landing gear lever at UP, NOSE GEAR red light on	326 090 00	32-30 TASK 810
NOSE GEAR red light on, airplane on ground	323 140 00	32-30 TASK 814
• slow to extend	323 120 00	32-30 TASK 806
Slow to retract	323 130 00	32-30 TASK 806
Landing light		
does not come on		
- left fixed	334 030 41	33-40 TASK 801
- left retractable	334 040 41	33-40 TASK 801
- right fixed	334 030 42	33-40 TASK 801
- right retractable	334 040 42	33-40 TASK 801
Does not extend		
- left retractable	334 060 41	33-40 TASK 801
- right retractable	334 060 42	33-40 TASK 801
Does not go off		
- left fixed	334 070 41	33-40 TASK 801
- left retractable	334 080 41	33-40 TASK 801
- right fixed	334 070 42	33-40 TASK 801
- right retractable	334 080 42	33-40 TASK 801
does not retract		
- left retractable	334 100 41	33-40 TASK 801
- right retractable	334 100 42	33-40 TASK 801
Landing warning horn		
does not sound	312 030 00	31-51 TASK 815
• sounds (false warning)	312 035 00	31-51 TASK 815
Landing was hard or had high drag/side loads	055 040 00	05-51 TASK 806
Landing with airplane overweight	055 060 00	05-51 TASK 807

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
LCD segment		
does not operate correctly	331 060 00	33-10 TASK 801
LE DEVICES		
FLAPS TRANSIT light stays on		
- 1	278 070 01	27-88 TASK 820
- 2	278 070 02	27-88 TASK 820
- 3	278 070 03	27-88 TASK 820
- 4	278 070 04	27-88 TASK 820
SLATS TRANSIT light stays on		
- 1	278 080 01	27-88 TASK 820
- 2	278 080 02	27-88 TASK 820
- 3	278 080 03	27-88 TASK 820
- 4	278 080 04	27-88 TASK 820
- 5	278 080 05	27-88 TASK 820
- 6	278 080 06	27-88 TASK 820
- 7	278 080 07	27-88 TASK 820
- 8	278 080 08	27-88 TASK 820
Leading edge flaps		
droops too much with hydraulic pressure off	278 010 00	27-81 TASK 801
TRANSIT light stays on		
- 1	278 070 01	27-88 TASK 820
- 2	278 070 02	27-88 TASK 820
- 3	278 070 03	27-88 TASK 820
- 4	278 070 04	27-88 TASK 820
Leading edge flaps and slats		
do not extend during alternate system operation	278 020 00	27-81 TASK 802
do not extend during normal system operation	278 030 00	27-81 TASK 803
Do not retract	278 040 00	27-81 TASK 803
one or more leading edge surfaces operate slowly	278 050 00	27-81 TASK 805

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Leading edge slats		
TRANSIT light stays on		
- 1	278 080 01	27-88 TASK 820
- 2	278 080 02	27-88 TASK 820
- 3	278 080 03	27-88 TASK 820
- 4	278 080 04	27-88 TASK 820
- 5	278 080 05	27-88 TASK 820
- 6	278 080 06	27-88 TASK 820
- 7	278 080 07	27-88 TASK 820
- 8	278 080 08	27-88 TASK 820
LEFT GEAR red light		
light on, LEFT GEAR green light does not come on with		
landing gear lever at DN, alternate gear extension was	326 040 41	22 22 TACK 805
attempted	320 040 41	32-32 TASK 805
 light on, LEFT GEAR green light does not come on with landing gear lever at DN, indications normal after 		
alternate gear extension	326 050 41	32-32 TASK 802
 light on, LEFT GEAR green light does not go off with 		
landing gear lever at UP	326 060 41	32-32 TASK 801
Life vest		
 missing/damaged 		
- captain's	256 050 31	25-99 TASK 801
- first observer's	256 050 33	25-99 TASK 801
- first officer's	256 050 32	25-99 TASK 801
- second observer's	256 050 34	25-99 TASK 801
Light, accessory compartment		
does not come on	333 050 00	33-30 TASK 801
Does not go off	333 051 00	33-30 TASK 801
Light, air conditioning compartment		
does not come on		
- left	333 030 41	33-30 TASK 801
- right	333 030 42	33-30 TASK 801
Does not go off		
- left	333 031 41	33-30 TASK 801
- right	333 031 42	33-30 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Light, airstair tread		
does not come on	334 290 00	33-40 TASK 801
Does not go off	334 291 00	33-40 TASK 801
Light, anti-collision		
does not come on correctly		
- left wing	334 230 41	33-44 TASK 801
- lower	334 270 47	33-44 TASK 801
- right wing	334 230 42	33-44 TASK 801
- tail	334 240 00	33-44 TASK 801
- upper	334 270 46	33-44 TASK 801
Does not go off		
- lower	334 280 47	33-44 TASK 801
- upper	334 280 46	33-44 TASK 801
Light, anti-collision (strobe)		
Does not go off		
- left wing	334 250 41	33-44 TASK 801
- right wing	334 250 42	33-44 TASK 801
- tail	334 260 00	33-44 TASK 801
Light, APU service		
does not come on	333 060 00	33-30 TASK 801
Does not go off	333 061 00	33-30 TASK 801
Light, cargo compartment		
does not come on		
- aft	333 080 45	33-30 TASK 801
- forward	333 080 44	33-30 TASK 801
Does not go off		
- aft	333 081 45	33-30 TASK 801
- forward	333 081 44	33-30 TASK 801
Light, chart		
does not come on correctly		
- captain's	331 150 31	33-10 TASK 801
- first officer's	331 150 32	33-10 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Light, chart (continued)		
Does not go off		
- captain's	331 151 31	33-10 TASK 801
- first officer's	331 151 32	33-10 TASK 801
Light, circuit breaker panel		
does not come on	331 040 00	33-10 TASK 801
Does not go off	331 041 00	33-10 TASK 801
Light, control stand flood		
does not come on correctly	331 090 00	33-10 TASK 801
Does not go off	331 091 00	33-10 TASK 801
Light, dome		
does not come on correctly	331 050 00	33-10 TASK 801
Does not go off	331 051 00	33-10 TASK 801
Light, electronic equipment compartment		
does not come on	333 040 00	33-30 TASK 801
Does not go off	333 041 00	33-30 TASK 801
Light, flight kit		
does not come on correctly		
- captain's	331 110 31	33-10 TASK 801
- first officer's	331 110 32	33-10 TASK 801
Does not go off		
- captain's	331 111 31	33-10 TASK 801
- first officer's	331 111 32	33-10 TASK 801
Light, glareshield (AFCS) flood		
does not come on correctly	331 070 00	33-10 TASK 801
Does not go off	331 071 00	33-10 TASK 801
Light, indicator		
does not come on correctly	331 010 00	33-10 TASK 801
Does not go off	331 011 00	33-10 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Light, landing		
does not come on		
- left fixed	334 030 41	33-40 TASK 801
- left retractable	334 040 41	33-40 TASK 801
- right fixed	334 030 42	33-40 TASK 801
- right retractable	334 040 42	33-40 TASK 801
Does not extend		
- left retractable	334 060 41	33-40 TASK 801
- right retractable	334 060 42	33-40 TASK 801
Does not go off		
- left fixed	334 070 41	33-40 TASK 801
- left retractable	334 080 41	33-40 TASK 801
- right fixed	334 070 42	33-40 TASK 801
- right retractable	334 080 42	33-40 TASK 801
does not retract		
- left retractable	334 100 41	33-40 TASK 801
- right retractable	334 100 42	33-40 TASK 801
Light, logo		
does not come on		
- left	334 340 41	33-40 TASK 801
- right	334 340 42	33-40 TASK 801
Does not go off		
- left	334 350 41	33-40 TASK 801
- right	334 350 42	33-40 TASK 801
Light, map		
does not come on correctly		
- captain's	331 120 31	33-10 TASK 801
- first officer's	331 120 32	33-10 TASK 801
Does not go off		
- captain's	331 121 31	33-10 TASK 801
- first officer's	331 121 32	33-10 TASK 801
Light, observer's reading		
does not come on correctly	331 130 00	33-10 TASK 801
Does not go off	331 131 00	33-10 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Light, oxygen mask flood		
does not come on	331 140 00	33-10 TASK 801
Light, panel flood		
does not come on correctly		
- captain's	331 080 31	33-10 TASK 801
- center	331 080 43	33-10 TASK 801
- first officer's	331 080 32	33-10 TASK 801
Does not go off		
- captain's	331 081 31	33-10 TASK 801
- center	331 081 43	33-10 TASK 801
- first officer's	331 081 32	33-10 TASK 801
Light, position (NAV)		
does not come on		
- left wing aft	334 120 41	33-40 TASK 801
- left wing forward	334 110 41	33-40 TASK 801
- right wing aft	334 120 42	33-40 TASK 801
- right wing forward	334 130 42	33-40 TASK 801
Does not go off		
- left wing aft	334 200 41	33-40 TASK 801
- left wing forward	334 190 41	33-40 TASK 801
- right wing aft	334 200 42	33-40 TASK 801
- right wing forward	334 210 42	33-40 TASK 801
Light, runway turnoff		
does not come on		
- left	334 300 41	33-40 TASK 801
- right	334 300 42	33-40 TASK 801
Does not go off		
- left	334 310 41	33-40 TASK 801
- right	334 310 42	33-40 TASK 801
Light, tailcone		
does not come on	333 070 00	33-30 TASK 801
Does not go off	333 071 00	33-30 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Light, taxi		
does not come on	334 320 00	33-40 TASK 801
Does not go off	334 330 00	33-40 TASK 801
Light, wheel well		
does not come on		
- main landing gear	333 010 00	33-30 TASK 801
- nose landing gear	333 020 00	33-30 TASK 801
does not go off		
- main landing gear	333 011 00	33-30 TASK 801
- nose landing gear	333 021 00	33-30 TASK 801
Light, wing illumination		
does not come on		
- left	334 010 41	33-40 TASK 801
- right	334 010 42	33-40 TASK 801
Does not go off		
- left	334 020 41	33-40 TASK 801
- right	334 020 42	33-40 TASK 801
Lighted pushbutton switch		
does not come on correctly	331 020 00	33-10 TASK 801
Does not go off	331 021 00	33-10 TASK 801
Lightning strike	055 010 00	05-51 TASK 801
Lightplate		
does not come on	331 030 00	33-10 TASK 801
Does not go off	331 031 00	33-10 TASK 801
LOC flag shows on integrated standby flight display	342 606 00	34-24 TASK 808
LOC flag shows on the EFIS display		
- captain's	343 010 31	34-31 TASK 806
- first officer's	343 010 32	34-31 TASK 807
Localizer and glideslope pointers		
 do not show, LOC and G/S flags do not show 		
- captain's	343 050 31	34-31 TASK 809
- first officer's	343 050 32	34-31 TASK 809

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Logo light		
does not come on		
- left	334 340 41	33-40 TASK 801
- right	334 340 42	33-40 TASK 801
Does not go off		
- left	334 350 41	33-40 TASK 801
- right	334 350 42	33-40 TASK 801
LOW message shows in fuel quantity indication (flight compartment)	284 024 00	28-41 TASK 820
LOW OIL PRESSURE light for the APU		
light on, APU had a protective shutdown	492 060 00	49-60 TASK 801
• light on, APU operates with no protective shutdown	492 030 00	49-15 TASK 802
LOW OIL PRESSURE message for the engine		
 message shows, oil pressure low or zero (red) 		
- engine 1	790 045 51	79-05 TASK 803
- engine 2	790 045 52	79-05 TASK 803
LOW PRESSURE light for ELEC 1 hydraulic pump		
• light on	293 190 00	29-30 TASK 810
LOW PRESSURE light for ELEC 2 hydraulic pump		
• light on	293 200 00	29-30 TASK 811
LOW PRESSURE light for ENG 1 hydraulic pump		
light off when the electric motor-driven pump is operated		
- ENG 1 hydraulic pump	291 010 51	29-10 TASK 801
• light on	293 210 51	29-30 TASK 812
LOW PRESSURE light for ENG 2 hydraulic pump		
light off when the electric motor-driven pump is operated		
- ENG 2 hydraulic pump	291 010 52	29-10 TASK 802
• light on	293 210 52	29-30 TASK 813
LOW PRESSURE light for FLT CONTROL A		
• light on	270 010 00	27-21 TASK 813
LOW PRESSURE light for FLT CONTROL B		
• light on	270 020 00	27-21 TASK 814

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
LOW PRESSURE light for STBY HYD		
• light on	293 220 00	29-30 TASK 814
LOW PRESSURE light for the fuel pump		
 light comes on, but not in the specified time (15 +/-2 seconds) during boost pump auto-shutoff functional test 		
- center tank, left pump	282 312 41	28-22 TASK 820
- center tank, right pump	282 312 42	28-22 TASK 821
 light does not come on during boost pump auto-shutoff functional test 		
- center tank, left pump	282 311 41	28-22 TASK 820
- center tank, right pump	282 311 42	28-22 TASK 821
• light on		
- center tank, left pump	282 130 43	28-22 TASK 801
- center tank, right pump	282 140 43	28-22 TASK 802
- no. 1 aft fuel pump	282 150 01	28-22 TASK 803
- no. 1 fwd and aft fuel pumps	282 160 01	28-22 TASK 803
- no. 1 fwd fuel pump	282 170 01	28-22 TASK 804
- no. 2 aft fuel pump	282 150 02	28-22 TASK 805
- no. 2 fwd and aft fuel pumps	282 160 02	28-22 TASK 805
- no. 2 fwd fuel pump	282 170 02	28-22 TASK 806
LOW QUANTITY light for STANDBY HYD		
• light on	293 180 00	29-30 TASK 809
Mach airspeed warning		
 does not sound when MACH AIRSPEED WARNING TEST switch is pushed 		
- NO 1	341 030 01	34-16 TASK 801
- NO 2	341 030 02	34-16 TASK 801
MACH TRIM FAIL light		
• light on	221 030 00	22-11 TASK 801
• light on when MASTER CAUTION switch is pushed	221 040 00	22-11 TASK 801
MAIN cargo fire light		
light on (false alarm)	261 225 00	26-16 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Main landing gear		
 LEFT GEAR green light does not come on with landing gear lever at DN, LEFT GEAR red light on, alternate gear extension was attempted 	326 040 41	32-32 TASK 805
 LEFT GEAR green light does not come on with landing gear lever at DN, LEFT GEAR red light on, indications normal after alternate gear extension 	326 050 41	32-32 TASK 802
LEFT GEAR green light does not go off with landing gear lever at UP, LEFT GEAR red light on	326 060 41	32-32 TASK 801
RIGHT GEAR green light does not come on with landing gear lever at DN, RIGHT GEAR red light on, alternate gear extension was attempted	326 040 42	32-32 TASK 805
RIGHT GEAR green light does not come on with landing gear lever at DN, RIGHT GEAR red light on, indications normal after alternate gear extension	326 050 42	32-32 TASK 802
RIGHT GEAR green light does not go off with landing gear lever at UP, RIGHT GEAR red light on	326 060 42	32-32 TASK 801
slow to extend		
- left	323 090 41	32-32 TASK 804
- left and right	323 090 48	32-32 TASK 803
- right	323 090 42	32-32 TASK 804
Slow to retract		
- left	323 080 41	32-32 TASK 804
- left and right	323 080 48	32-32 TASK 803
- right	323 080 42	32-32 TASK 804
MAINT light for the APU		
• light on	492 070 00	49-60 TASK 801
Maintenance code shows in right window of IRS display unit when HDG/STS mode selected	342 220 00	34-21 TASK 835
Manual mode control of aft outflow valve		
does not operate	213 030 00	21-31 TASK 811
MANUAL VALVE indicator		
does not operate, pointer does not move	213 110 00	21-31 TASK 803
MAP flag shows on CDS		
- captain's	346 090 31	34-61 TASK 801
- first officer's	346 090 32	34-61 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Map light		
does not come on correctly		
- captain's	331 120 31	33-10 TASK 801
- first officer's	331 120 32	33-10 TASK 801
Does not go off		
- captain's	331 121 31	33-10 TASK 801
- first officer's	331 121 32	33-10 TASK 801
MAP RANGE DISAGREE message shows		
- captain's	346 100 31	34-61 TASK 830
- first officer's	346 100 32	34-61 TASK 830
MAP/TERR RANGE DISAGREE message shows	344 470 00	34-46 TASK 858
MAP/WXR RANGE DISAGREE message shows		
- captain's	344 020 31	34-43 TASK 810
- first officer's	344 020 32	34-43 TASK 811
Marker beacon		
Audio tone does not occur or is weak when passing marker, indications are normal	343 110 00	34-32 TASK 801
 FT does not show on the display when you push the TEST switch on the navigation control panel 	343 150 00	34-32 TASK 803
 indication does not show on the display when passing marker, audio tone does not occur or is weak 	343 120 00	34-32 TASK 802
indication does not show on the display when passing marker, audio tone is normal	343 130 00	34-32 TASK 803
test problem when you push the TEST switch on the navigation control panel	343 140 00	34-51 TASK 801
MASTER CAUTION light		
light does not come on during test	315 101 00	31-52 TASK 801
Master dim and test system		
does not operate correctly	331 160 00	33-10 TASK 801
Microphone, boom/headset		
• damaged		
- captain's	235 020 31	23-51 TASK 802
- first officer's	235 020 32	23-51 TASK 802

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Microphone, boom/headset (continued)		
does not operate		
- captain's	235 010 31	23-51 TASK 801
- first officer's	235 010 32	23-51 TASK 801
Microphone, hand		
• damaged		
- captain's	235 060 31	23-51 TASK 802
- first observer's	235 060 33	23-51 TASK 802
- first officer's	235 060 32	23-51 TASK 802
does not operate		
- captain's	235 050 31	23-51 TASK 801
- first observer's	235 050 33	23-51 TASK 801
- first officer's	235 050 32	23-51 TASK 801
Mode control panel		
ALTITUDE window display does not change with altitude		
selector switch change	221 770 00	22-11 TASK 803
ALTITUDE window display does not show	221 780 00	22-11 TASK 803
 COURSE window display does not change with course selector switch change 		
- captain's	221 790 31	22-11 TASK 803
- first officer's	221 790 32	22-11 TASK 803
 COURSE window display does not show 		
- captain's	221 800 31	22-11 TASK 803
- first officer's	221 800 32	22-11 TASK 803
HEADING window display does not change with heading		
selector switch change	221 810 00	22-11 TASK 803
HEADING window display does not show	221 820 00	22-11 TASK 803
IAS/MACH window display does not change with selector switch change	221 890 00	22-11 TASK 803
IAS/MACH window display does not show	221 900 00	22-11 TASK 803
lower switch light does not come on for all mode switches	221 860 00	22-11 TASK 803
one of the switch lights does not come on for one mode		
switch	221 870 00	22-11 TASK 803
upper switch light does not come on for all mode switches	221 880 00	22-11 TASK 803

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Mode control panel (continued)		
VERT SPEED window display does not change with vertical speed selector change	221 830 00	22-11 TASK 803
VERT SPEED window display does not show	221 840 00	22-11 TASK 803
MODEL/ENG DATA INVALID message shows on the CDU	346 380 00	34-61 TASK 819
MSG light on the CDU		
does not come on		
- captain's	346 270 31	34-61 TASK 810
- first officer's	346 270 32	34-61 TASK 810
Multi-mode receiver		
does not respond when TEST button pushed	343 330 00	34-31 TASK 818
N1 overspeed		
 over limit in reverse thrust, write maximum N1 		
- engine 1	710 080 51	71-06 TASK 803
- engine 2	710 080 52	71-06 TASK 803
over redline in forward thrust		
- engine 1	710 060 51	71-06 TASK 801
- engine 2	710 060 52	71-06 TASK 801
N1, N2, EGT, and FF indications		
read low or fluctuate		
- engine 1	710 130 51	73-06 TASK 809
- engine 2	710 130 52	73-06 TASK 809
N2 overspeed		
- engine 1	710 070 51	71-06 TASK 802
- engine 2	710 070 52	71-06 TASK 802
Nacelle or strut dragged or damaged		
- engine 1	055 100 51	05-51 TASK 811
- engine 2	055 100 52	05-51 TASK 811
NAV DATA OUT OF DATE message shows on CDU	346 160 00	34-61 TASK 808
Navigation control panel		
• panel problem	343 040 00	34-31 TASK 808

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Navigation control panel (continued)		
Test failed DME		
- captain's	345 210 31	34-55 TASK 801
- first officer's	345 210 32	34-55 TASK 801
Test failed VOR		
- captain's	345 020 31	34-51 TASK 801
- first officer's	345 020 32	34-51 TASK 801
Test fails ILS		
- captain's	343 020 31	34-31 TASK 801
- first officer's	343 020 32	34-31 TASK 801
Test fails marker beacon	343 140 00	34-51 TASK 801
Neutral shift		
does not operate correctly	273 080 00	27-31 TASK 807
Nitrogen generation system		
operability indicator DEGRADED (blue) light is on	470 813 00	47-31 TASK 840
operability indicator has all lights off	470 812 00	47-31 TASK 801
• operability indicator INOPERATIVE (amber) light is on	470 811 00	47-31 TASK 801
NLND3 LCH shows in DFCS BITE FAULT HISTORY	221 203 00	22-11 TASK 801
NO ALND LCH shows in DFCS BITE FAULT HISTORY	221 204 00	22-11 TASK 801
NO AUTOLAND shows on the engine display	221 201 00	22-11 TASK 801
No faults occurred during the flight leg	999 999 99	31-98 TASK 801
NO LAND 3 shows on the engine display	221 202 00	22-11 TASK 801
Noise, pounding heard through air distribution system	215 015 00	21-51 TASK 802
Noise, sharp, from APU exhaust during main engine start	492 160 00	49-55 TASK 808
NOSE GEAR red light		
light on, airplane on ground	323 140 00	32-30 TASK 814
light on, NOSE GEAR green light does not come on with landing gear lever at DN	326 110 00	32-30 TASK 812
light on, NOSE GEAR green light does not come on with landing gear lever at DN, alternate gear extention was attempted	326 080 00	32-30 TASK 807

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
NOSE GEAR red light (continued)		
light on, NOSE GEAR green light does not go off with landing gear lever at UP	326 090 00	32-30 TASK 810
light on, NOSE GEAR green light off with landing gear lever at UP	326 115 00	32-30 TASK 811
Nose landing gear		
 NOSE GEAR green light does not come on with landing gear lever at DN, NOSE GEAR red light on 	326 110 00	32-30 TASK 812
 NOSE GEAR green light does not come on with landing gear lever at DN, NOSE GEAR red light on, alternate gear extension was attempted 	326 080 00	32-30 TASK 807
NOSE GEAR green light does not go off with landing gear lever at UP, NOSE GEAR red light on	326 090 00	32-30 TASK 810
NOSE GEAR green light off with landing gear lever at UP, NOSE GEAR red light on	326 115 00	32-30 TASK 811
NOSE GEAR red light on, airplane on ground	323 140 00	32-30 TASK 814
• slow to extend	323 120 00	32-30 TASK 806
Slow to retract	323 130 00	32-30 TASK 806
Nose rudder trim		
does not operate		
- left	272 010 41	27-21 TASK 801
- left and right	272 010 48	27-21 TASK 803
- right	272 010 42	27-21 TASK 802
Nose wheel		
makes a loud noise in the wheel well	325 010 00	32-51 TASK 801
Strut bottoms during taxi	325 020 00	32-51 TASK 802
Vibrates at gear retraction	325 030 00	32-51 TASK 803
Vibrates at landing	325 040 00	32-51 TASK 804
Vibrates at takeoff	325 050 00	32-51 TASK 804
Vibrates during taxi	325 045 00	32-51 TASK 804
Observer's reading light		
does not come on correctly	331 130 00	33-10 TASK 801
Does not go off	331 131 00	33-10 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
OFF light for the EQUIP COOLING EXHAUST		
light on with switch at ALTERNATE	212 080 00	21-27 TASK 805
light on with switch at NORMAL	212 090 00	21-27 TASK 806
OFF light for the EQUIP COOLING SUPPLY		
light on with switch at ALTERNATE	212 100 00	21-27 TASK 807
light on with switch at NORMAL	212 110 00	21-27 TASK 808
OFST light on the CDU		
does not come on		
- captain's	346 280 31	34-61 TASK 810
- first officer's	346 280 32	34-61 TASK 810
OIL FILTER BYPASS message		
 message did not show during the EEC test 		
- engine 1	790 120 51	79-05 TASK 818
- engine 2	790 120 52	79-05 TASK 818
message shows		
- engine 1	790 110 51	79-05 TASK 817
- engine 2	790 110 52	79-05 TASK 817
Oil leakage or fuel leakage from drain at engine		
- left engine	710 811 51	71-05 TASK 810
- right engine	710 811 52	71-05 TASK 810
ON light for WINDOW HEAT		
does not come on		
- L FWD	304 030 41	30-41 TASK 801
- L SIDE	304 040 41	30-41 TASK 801
- R FWD	304 030 42	30-41 TASK 801
- R side	304 040 42	30-41 TASK 801
Onboard Network System		
shows "System dataload state is currently disabled"	461 801 00	46-13 TASK 856
OOOI (Out-Off-On-In) value for ACARS		
• not correct	232 314 00	23-27 TASK 807
OP PROGRAM INVALID shows in the middle of the CDU display	346 260 00	34-61 TASK 811

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
OUT OF ORDER flag shows on integrated standby flight display	342 607 00	34-24 TASK 810
Outflow valve position indicator		
does not operate, pointer does not move	213 110 00	21-31 TASK 803
Outflow valve, aft		
does not operate in manual mode	213 030 00	21-31 TASK 811
Outlet in flight compartment for PC power		
 Status LED at outlet does not operate normally 		
- captain's	251 681 31	23-82 TASK 801
- first officer's	251 681 32	23-82 TASK 801
OVER SPEED light for the APU		
light on during APU shutdown	492 080 00	49-60 TASK 801
light on, APU had a protective shutdown	492 090 00	49-60 TASK 801
• light on, APU operates with no protective shutdown	492 040 00	49-15 TASK 803
OVERHEAT light for ELEC 1 hydraulic pump		
• light on	293 030 00	29-30 TASK 805
OVERHEAT light for ELEC 2 hydraulic pump		
• light on	293 040 00	29-30 TASK 806
OVERHEAT light for WINDOW HEAT		
light on		
- L FWD	304 010 41	30-41 TASK 801
- L SIDE	304 020 41	30-41 TASK 801
- R FWD	304 010 42	30-41 TASK 801
- R SIDE	304 020 42	30-41 TASK 801
Overspeed		
With flaps/slats extended	055 090 00	05-51 TASK 810
With landing gear down	055 080 00	05-51 TASK 809
Overspeed, severe turbulence, stall, or buffet	055 070 00	05-51 TASK 808
Overweight landing	055 060 00	05-51 TASK 807

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
OVHT/FIRE TEST		
 Test failed, warning lights and alarm do not operate 		
- APU	261 070 00	26-10 TASK 801
- engine 1	261 030 51	26-10 TASK 801
- engine 2	261 030 52	26-10 TASK 801
- wheel well	261 100 00	26-18 TASK 801
Oxygen mask floodlight		
does not come on	331 140 00	33-10 TASK 801
Oxygen mask, flight crew		
damaged		
- captain's	351 050 31	35-12 TASK 805
- first officer's	351 050 32	35-12 TASK 805
- observer's	351 050 33	35-12 TASK 805
difficult to release from stowage		
- captain's	351 060 31	35-12 TASK 806
- first observer's	351 060 33	35-12 TASK 806
- first officer's	351 060 32	35-12 TASK 806
harness fails to deflate		
- captain's	351 070 31	35-12 TASK 805
- first observer's	351 070 33	35-12 TASK 805
- first officer's	351 070 32	35-12 TASK 805
harness fails to inflate		
- captain's	351 080 31	35-12 TASK 805
- first observer's	351 080 33	35-12 TASK 805
- first officer's	351 080 32	35-12 TASK 805
harness leaking		
- captain's	351 090 31	35-12 TASK 805
- first observer's	351 090 33	35-12 TASK 805
- first officer's	351 090 32	35-12 TASK 805
hose problem		
- captain's	351 100 31	35-12 TASK 805
- first officer's	351 100 32	35-12 TASK 805
- observer's	351 100 33	35-12 TASK 805

EFFECTIVITY -

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Oxygen mask, flight crew (continued)		
 panel (door, pin, etc.) damaged 		
- captain's	351 110 31	35-12 TASK 807
- first officer's	351 110 32	35-12 TASK 807
- observer's	351 110 33	35-12 TASK 807
Oxygen masks, passenger		
Masks (all) do not drop when PASS OXYGEN switch manually set to ON	352 030 00	35-22 TASK 803
PASS OXY ON light does not come on during automatic oxygen system deployment	352 050 00	35-22 TASK 806
PASS OXY ON light does not come on during manual oxygen system deployment	352 040 00	35-22 TASK 805
Oxygen regulator operation		
Difficult to exhale		
- captain's	351 120 31	35-12 TASK 805
- first observer's	351 120 33	35-12 TASK 805
- first officer's	351 120 32	35-12 TASK 805
• leaking		
- captain's	351 130 31	35-12 TASK 805
- first observer's	351 130 33	35-12 TASK 805
- first officer's	351 130 32	35-12 TASK 805
no pressure breathing available		
- captain's	351 140 31	35-12 TASK 805
- first observer's	351 140 33	35-12 TASK 805
- first officer's	351 140 32	35-12 TASK 805
P MODE FAIL shows in DFCS BITE FAULT HISTORY	221 205 00	22-11 TASK 801
PA system		
- distorted from flight compartment	233 020 00	23-31 TASK 801
- does not operate from flight compartment	233 010 00	23-31 TASK 801
- intermittent from flight compartment	233 030 00	23-31 TASK 801
- volume problem from flight compartment	233 040 00	23-31 TASK 802
PACK light		
Comes on unexpectedly during master caution recall	216 224 00	21-62 TASK 848

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
PACK light (continued)		
 light on at cruise, light comes on again after reset 		
- left	215 230 41	21-53 TASK 813
- right	215 230 42	21-53 TASK 814
 light on at cruise, light stays off after reset 		
- left	215 220 41	21-53 TASK 809
- right	215 220 42	21-53 TASK 810
 light on during approach, light comes on again after reset 		
- left	215 260 41	21-53 TASK 815
- right	215 260 42	21-53 TASK 816
 light on during approach, light stays off after reset 		
- left	215 250 41	21-53 TASK 807
- right	215 250 42	21-53 TASK 808
• light on during climb, light comes on again after reset		
- left	215 290 41	21-53 TASK 817
- right	215 290 42	21-53 TASK 818
 light on during climb, light stays off after reset 		
- left	215 280 41	21-53 TASK 805
- right	215 280 42	21-53 TASK 806
 light on on ground, light comes on again after reset 		
- left	215 320 41	21-53 TASK 811
- right	215 320 42	21-53 TASK 812
 light on on ground, light stays off after reset 		
- left	215 310 41	21-53 TASK 803
- right	215 310 42	21-53 TASK 804
light on, cannot reset		
- left	215 240 41	21-53 TASK 801
- right	215 240 42	21-53 TASK 802
PACK, L air temperature indication not correct	215 060 00	21-61 TASK 854
PACK, R air temperature indication not correct	215 070 00	21-61 TASK 855

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Panel floodlight		
does not come on correctly		
- captain's	331 080 31	33-10 TASK 801
- center	331 080 43	33-10 TASK 801
- first officer's	331 080 32	33-10 TASK 801
Does not go off		
- captain's	331 081 31	33-10 TASK 801
- center	331 081 43	33-10 TASK 801
- first officer's	331 081 32	33-10 TASK 801
Panel light, circuit breaker		
does not come on	331 040 00	33-10 TASK 801
Does not go off	331 041 00	33-10 TASK 801
Parking brake		
lever does not release	324 120 00	32-44 TASK 807
lever does not set	324 130 00	32-44 TASK 807
light on control stand comes on when parking brake is		
not set	324 142 00	32-44 TASK 804
 light on control stand stays off when parking brake is 	004.444.00	00 44 74 01/ 000
set	324 141 00	32-44 TASK 803
PARKING BRAKE light on external power panel is not on when parking brake is set	324 145 00	32-42 TASK 830
PASS OXY ON light		
light does not come on during automatic oxygen system deployment	352 050 00	35-22 TASK 806
	332 030 00	33-22 TAGIC 000
light does not come on during manual oxygen system deployment	352 040 00	35-22 TASK 805
light on, all masks dropped automatically, switch was not		
moved, cabin pressure was normal	352 010 00	35-22 TASK 801
 light on, all masks failed to drop automatically, masks dropped after PASS OXY switch was moved 	352 020 00	35-22 TASK 802
Passenger address system		
- distorted from flight compartment	233 020 00	23-31 TASK 801
- does not operate from flight compartment	233 010 00	23-31 TASK 801
- intermittent from flight compartment	233 030 00	23-31 TASK 801
- volume problem from flight compartment	233 040 00	23-31 TASK 802

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Passenger Compartments		
Boeing Sky Interior (BSI) Overhead Space Bin makes excessive noise	252 404 00	25-24 TASK 802
Boeing Sky Interior (BSI) Overhead Space Bin rattles	252 405 00	25-24 TASK 802
Overhead Stowage Bin does not close correctly	252 401 00	25-24 TASK 801
Overhead Stowage Bin does not open correctly	252 402 00	25-24 TASK 801
Overhead Stowage Bin is out of adjustment	252 403 00	25-24 TASK 801
Passenger oxygen masks		
Masks (all) do not drop when PASS OXYGEN switch manually set to ON	352 030 00	35-22 TASK 803
PC power system for flight deck		
Status LED at outlet does not operate normally		
- captain's	251 681 31	23-82 TASK 801
- first officer's	251 681 32	23-82 TASK 801
Pilot call system		
call light does not come on, attendant to flight compartment	234 380 00	23-42 TASK 806
call light does not come on, ground crew to flight compartment	234 370 00	23-43 TASK 804
Chime does not sound in the flight compartment	234 390 00	23-42 TASK 804
• does not operate, flight compartment to attendant	234 400 00	23-42 TASK 802
• does not operate, ground crew to flight compartment	234 360 00	23-43 TASK 803
Pitch control		
Too sensitive in control wheel steering mode (airplane overreacts to column input)	273 090 00	27-31 TASK 811
PITCH message shows on the attitude display		
- captain's	342 020 31	34-21 TASK 825
- first officer's	342 020 32	34-21 TASK 826
Pitch oscillation (porpoising)		
during autopilot multi-channel approach	221 310 00	22-16 TASK 801
with any autopilot engaged in CMD	221 320 00	22-16 TASK 801
Pitch up or pitch down of airplane too much	273 100 00	27-31 TASK 808

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Pitot probe		
Does not get hot	303 060 00	30-31 TASK 806
POS SHIFT page of CDU shows large IRS drift	342 225 00	34-21 TASK 836
Position (NAV) light		
does not come on		
- left wing aft	334 120 41	33-40 TASK 801
- left wing forward	334 110 41	33-40 TASK 801
- right wing aft	334 120 42	33-40 TASK 801
- right wing forward	334 130 42	33-40 TASK 801
Does not go off		
- left wing aft	334 200 41	33-40 TASK 801
- left wing forward	334 190 41	33-40 TASK 801
- right wing aft	334 200 42	33-40 TASK 801
- right wing forward	334 210 42	33-40 TASK 801
Potable water		
auxiliary tank (40-gallon) leaks	381 042 00	25-99 TASK 801
main tank (60-gallon) leaks	381 041 00	25-99 TASK 801
System does not pressurize	381 020 00	38-10 TASK 803
tank does not fill	381 030 00	38-10 TASK 801
• tank leaks	381 040 00	38-10 TASK 802
Pressurization		
aft outflow valve does not operate in manual mode	213 030 00	21-31 TASK 811
 AUTO FAIL and ALTN light on, AUTO FAIL light goes off when pressurization mode selector switch is at ALTN 	213 010 00	21-31 TASK 801
AUTO FAIL light on, ALTN light not on	213 020 00	21-31 TASK 801
cannot keep the correct cabin pressure	213 050 00	21-31 TASK 801
Printer (flight deck)		
• FAIL light is on	313 202 00	31-33 TASK 802
PRINTER FAIL message shows on the CDU	346 375 00	31-33 TASK 804
Probe heater indicator lights		
do not come on when PITOT STATIC HEAT switches are OFF	303 070 00	30-31 TASK 807

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
PROGRAM PIN ERROR flag shows on integrated standby flight display	342 608 00	34-24 TASK 811
PROGRAM PIN ERROR message shows on the CDU	346 390 00	34-61 TASK 820
PROGRAM PIN NOT IN DB message shows on the CDU .	346 400 00	34-61 TASK 821
PSEU		
BITE display is blank	320 040 00	32-09 TASK 811
PSEU light		
light does not come on during test	320 060 00	33-10 TASK 801
• light on	320 050 00	32-09 TASK 801
PTU		
does not operate	292 040 00	29-20 TASK 804
Pushbutton switch, lighted		
does not come on correctly	331 020 00	33-10 TASK 801
Does not go off	331 021 00	33-10 TASK 801
PWS FAIL message shows	344 010 00	34-43 TASK 815
R ALPHA VANE light		
• light on	303 080 00	30-31 TASK 808
R BOTTLE DISCHARGED light		
light on for the engine fire extinguishing	262 060 00	26-20 TASK 802
R ELV PITOT light		
• light on	303 090 00	30-31 TASK 809
R MODE FAIL shows in DFCS BITE FAULT HISTORY	221 206 00	22-11 TASK 801
R VALVE OPEN light for WING ANTI-ICE		
does not come on	301 090 00	30-11 TASK 805
Does not go bright during transition	301 015 42	30-11 TASK 804
slow to go from bright to dim when switch is moved to ON	301 050 00	30-11 TASK 801
slow to go from bright to off when switch is moved to OFF	301 060 00	30-11 TASK 802
Stays on bright	301 070 00	30-11 TASK 803

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
RA flag shows on the display		
- captain's	343 210 31	34-33 TASK 801
- first officer's	343 210 32	34-33 TASK 801
Radio altitude		
 altitude indication blank and RA flag does not show 		
- captain's	343 220 31	34-33 TASK 805
- first officer's	343 220 32	34-33 TASK 805
 disagrees with other radio or barometric altitude indications, and RA flag does not show 		
- captain's	343 221 31	34-33 TASK 801
- first officer's	343 221 32	34-33 TASK 801
Radio tuning panel problem		
- captain's	231 300 31	23-12 TASK 815
- first observer's	231 300 33	23-12 TASK 815
- first officer's	231 300 32	23-12 TASK 815
Radio, HF 1		
• reception and transmission problem at all stations	231 060 48	23-11 TASK 806
 reception and transmission problem at one station 		
- captain's	231 060 31	23-11 TASK 806
- first observer's	231 060 33	23-11 TASK 806
- first officer's	231 060 32	23-11 TASK 806
reception problem at all stations	231 070 48	23-11 TASK 806
 reception problem at one station 		
- captain's	231 070 31	23-11 TASK 806
- first observer's	231 070 33	23-11 TASK 806
- first officer's	231 070 32	23-11 TASK 806
Transmission problem at all stations	231 080 48	23-11 TASK 806
 Transmission problem at one station 		
- captain's	231 080 31	23-11 TASK 806
- first observer's	231 080 33	23-11 TASK 806
- first officer's	231 080 32	23-11 TASK 806
Radio, HF 2		
• reception and transmission problem at all stations	231 180 48	23-11 TASK 806

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Radio, HF 2 (continued)		
 reception and transmission problem at one station 		
- captain's	231 180 31	23-11 TASK 806
- first observer's	231 180 33	23-11 TASK 806
- first officer's	231 180 32	23-11 TASK 806
reception problem at all stations	231 190 48	23-11 TASK 806
 reception problem at one station 		
- captain's	231 190 31	23-11 TASK 806
- first observer's	231 190 33	23-11 TASK 806
- first officer's	231 190 32	23-11 TASK 806
Transmission problem at all stations	231 200 48	23-11 TASK 806
Transmission problem at one station		
- captain's	231 200 31	23-11 TASK 806
- first observer's	231 200 33	23-11 TASK 806
- first officer's	231 200 32	23-11 TASK 806
Radio, VHF 1		
• reception and transmission problem at all stations	231 310 48	23-12 TASK 816
 reception and transmission problem at one station 		
- captain's	231 310 31	23-12 TASK 816
- first observer's	231 310 33	23-12 TASK 816
- first officer's	231 310 32	23-12 TASK 816
reception problem at all stations	231 320 48	23-12 TASK 816
 reception problem at one station 		
- captain's	231 320 31	23-12 TASK 816
- first observer's	231 320 33	23-12 TASK 816
- first officer's	231 320 32	23-12 TASK 816
Transmission problem at all stations	231 330 48	23-12 TASK 816
 Transmission problem at one station 		
- captain's	231 330 31	23-12 TASK 816
- first observer's	231 330 33	23-12 TASK 816
- first officer's	231 330 32	23-12 TASK 816
Radio, VHF 2		
• reception and transmission problem at all stations	231 430 48	23-12 TASK 816

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Radio, VHF 2 (continued)		
 reception and transmission problem at one station 		
- captain's	231 430 31	23-12 TASK 816
- first observer's	231 430 33	23-12 TASK 816
- first officer's	231 430 32	23-12 TASK 816
reception problem at all stations	231 440 48	23-12 TASK 816
 reception problem at one station 		
- captain's	231 440 31	23-12 TASK 816
- first observer's	231 440 33	23-12 TASK 816
- first officer's	231 440 32	23-12 TASK 816
Transmission problem at all stations	231 450 48	23-12 TASK 816
Transmission problem at one station		
- captain's	231 450 31	23-12 TASK 816
- first observer's	231 450 33	23-12 TASK 816
- first officer's	231 450 32	23-12 TASK 816
Radio, VHF 3		
• reception and transmission problem at all stations	231 550 48	23-12 TASK 816
 reception and transmission problem at one station 		
- captain's	231 550 31	23-12 TASK 816
- first observer's	231 550 33	23-12 TASK 816
- first officer's	231 550 32	23-12 TASK 816
reception problem at all stations	231 560 48	23-12 TASK 816
reception problem at one station		
- captain's	231 560 31	23-12 TASK 816
- first observer's	231 560 33	23-12 TASK 816
- first officer's	231 560 32	23-12 TASK 816
Transmission problem at all stations	231 570 48	23-12 TASK 816
Transmission problem at one station		
- captain's	231 570 31	23-12 TASK 816
- first observer's	231 570 33	23-12 TASK 816
- first officer's	231 570 32	23-12 TASK 816
RAM DOOR FULL OPEN light		
• light is not on, airplane on the ground	215 140 00	21-51 TASK 804
light stays on, airplane in the air	215 160 00	21-51 TASK 803

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Reading light, observer's		
does not come on correctly	331 130 00	33-10 TASK 801
Does not go off	331 131 00	33-10 TASK 801
Recirculation fan (dual-fan system)		
does not operate		
- left	212 040 41	21-25 TASK 802
- right	212 040 41	21-25 TASK 802
-	212 040 42	21 20 17 017 002
Refuel quantity indicator		
• blank		
- all tanks	282 010 48	28-21 TASK 804
- center tank	282 010 43	28-21 TASK 804
- tank no. 1	282 010 01	28-21 TASK 804
- tank no. 2	282 010 02	28-21 TASK 804
 Display is not correct with switch at TEST GAGES 		
- all tanks	282 011 48	28-21 TASK 802
- center tank	282 011 43	28-21 TASK 802
- tank no. 1	282 011 01	28-21 TASK 802
- tank no. 2	282 011 02	28-21 TASK 802
• flashes		
- center tank	282 015 43	28-21 TASK 816
- tank no. 1	282 015 01	28-21 TASK 816
- tank no. 2	282 015 02	28-21 TASK 816
shows ARINC error message		
- all tanks	282 013 48	28-21 TASK 817
- center tank	282 013 43	28-21 TASK 817
- tank no. 1	282 013 01	28-21 TASK 817
- tank no. 2	282 013 02	28-21 TASK 817
Shows Ind FAIL		
- all tanks	282 012 48	28-21 TASK 805
- center tank	282 012 43	28-21 TASK 805
- tank no. 1	282 012 01	28-21 TASK 805
- tank no. 2	282 012 02	28-21 TASK 805

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Refuel valve light		
 light does not come on with valves selected open and refueling manifold pressurized 		
- all tanks	282 030 48	28-21 TASK 807
- center tank	282 030 43	28-21 TASK 807
 light does not go off after pressing the press-to-test switch 		
- all tanks	282 020 48	28-21 TASK 806
- center tank	282 020 43	28-21 TASK 806
- tank no. 1	282 020 01	28-21 TASK 806
- tank no. 2	282 020 02	28-21 TASK 806
Refuel valve position indicator light does not come on with valves selected open and refueling manifold pressurized		
- tank no. 1	282 030 01	28-21 TASK 807
- tank no. 2	282 030 02	28-21 TASK 807
Refueling		
fuel spill at surge tank	282 050 00	28-21 TASK 801
Fuel Tank Auto-Shutoff is inoperative	282 051 00	28-21 TASK 801
Refueling (all) is prevented	282 040 00	28-21 TASK 808
Valve does not close with switch at CLOSED		
- all tanks	282 070 48	28-21 TASK 806
- center tank	282 070 43	28-21 TASK 806
- tank no. 1	282 070 01	28-21 TASK 806
- tank no. 2	282 070 02	28-21 TASK 806
Refueling panel light		
light does not come on with ground power on the airplane	282 080 00	28-21 TASK 810
RESET COUNT EXCEEDED message shows on CDU during FMC software load	346 310 00	34-61 TASK 814
RESYNC FAIL, SINGLE FMC OP/SINGLE FMC OP message shows on CDU	346 180 00	34-61 TASK 832

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Reverse thrust lever		
 Difficult to move in reverse thrust 		
- engine 1	760 060 51	76-05 TASK 805
- engine 2	760 060 52	76-05 TASK 805
has lost motion, no engine response to Thrust Lever movement; Thrust Reverser operates normally		
- engine 1	760 080 51	76-05 TASK 806
- engine 2	760 080 52	76-05 TASK 806
has lost motion, no Thrust Reverser operation		
- engine 1	760 070 51	76-05 TASK 807
- engine 2	760 070 52	76-05 TASK 807
 jammed in reverse thrust (no movement) 		
- engine 1	760 065 51	76-05 TASK 808
- engine 2	760 065 52	76-05 TASK 808
REVERSER light		
light ON, Thrust Reverser operates normally		
- engine 1	780 020 51	78-34 TASK 801
- engine 2	780 020 52	78-34 TASK 801
RIGHT GEAR red light		
 light on, RIGHT GEAR green light does not come on with landing gear lever at DN, alternate gear extension was attempted	326 040 42	32-32 TASK 805
light on, RIGHT GEAR green light does not come on with landing gear lever at DN, indications normal after alternate gear extension	326 050 42	32-32 TASK 802
light on, RIGHT GEAR green light does not go off with landing gear lever at UP	326 060 42	32-32 TASK 801
ROLL message shows on the attitude display		
- captain's	342 030 31	34-21 TASK 825
- first officer's	342 030 32	34-21 TASK 826
Rudder		
does not move correctly	272 040 00	27-21 TASK 806
does not move freely	272 050 00	27-21 TASK 807
STBY RUD ON light is on	272 070 00	27-21 TASK 817
surface has excessive play		27-21 TASK 808

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Rudder pedal steering		
does not operate, tiller steering normal	325 060 00	32-51 TASK 805
does not steer straight	325 061 00	32-51 TASK 810
Rudder pedals		
Adjustment crank does not move freely		
- captain's	272 070 31	27-21 TASK 809
- first officer's	272 070 32	27-21 TASK 809
Adjustment crank turns but rudder pedals do not move		
- captain's	272 080 31	27-21 TASK 810
- first officer's	272 080 32	27-21 TASK 810
do not move freely		
- captain's	272 090 31	27-21 TASK 811
- first officer's	272 090 32	27-21 TASK 811
kick back during flight	272 092 00	27-21 TASK 816
Rudder trim		
nose left and nose right does not operate	272 010 48	27-21 TASK 803
nose left does not operate	272 010 41	27-21 TASK 801
nose right does not operate	272 010 42	27-21 TASK 802
RUDDER TRIM indicator		
does not operate correctly	272 020 00	27-21 TASK 804
• light not on	272 030 00	27-21 TASK 805
Runway turnoff light		
does not come on		
- left	334 300 41	33-40 TASK 801
- right	334 300 42	33-40 TASK 801
Does not go off		
- left	334 310 41	33-40 TASK 801
- right	334 310 42	33-40 TASK 801
SCANNIN DME FAIL message shows on the CDU	346 350 00	34-61 TASK 801

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Seat		
 horizontal adjustment problem 		
- captain's	251 020 31	25-99 TASK 801
- first officer's	251 020 32	25-99 TASK 801
lumbar adjustment problem		
- captain's	251 030 31	25-99 TASK 801
- first officer's	251 030 32	25-99 TASK 801
recline adjustment problem		
- captain's	251 040 31	25-99 TASK 801
- first officer's	251 040 32	25-99 TASK 801
 vertical adjustment problem 		
- captain's	251 050 31	25-99 TASK 801
- first officer's	251 050 32	25-99 TASK 801
Seat arm rest problem		
- captain's	251 060 31	25-99 TASK 801
- first officer's	251 060 32	25-99 TASK 801
Seat belt problem		
- captain's	251 070 31	25-99 TASK 801
- first observer's	251 070 33	25-99 TASK 801
- first officer's	251 070 32	25-99 TASK 801
- second observer's	251 070 34	25-99 TASK 801
Seat track		
does not move freely		
- captain's	251 080 31	25-99 TASK 801
- first officer's	251 080 32	25-99 TASK 801
Seizure of engine		
- engine 1	055 120 51	05-51 TASK 811
- engine 2	055 120 52	05-51 TASK 811
SELCAL		
call light does not come on for calls on HF 1	232 080 00	23-28 TASK 802
call light does not come on for calls on HF 2	232 090 00	23-28 TASK 802
call light does not come on for calls on VHF 1	232 100 00	23-28 TASK 802
call light does not come on for calls on VHF 2	232 110 00	23-28 TASK 802
g 2000 30110 011 101 04110 011 VIII 2 11111111		

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
SELCAL (continued)		
• call light does not come on for calls on VHF 3	232 120 00	23-28 TASK 802
Call switch does not reset for HF 1, PTT reset OK	232 020 00	23-28 TASK 801
Call switch does not reset for HF 2, PTT reset OK	232 030 00	23-28 TASK 801
Call switch does not reset for VHF 1, PTT reset OK	232 040 00	23-28 TASK 801
Call switch does not reset for VHF 2, PTT reset OK	232 050 00	23-28 TASK 801
Call switch does not reset for VHF 3, PTT reset OK	232 060 00	23-28 TASK 801
Chime does not operate for calls on HF 1, SELCAL call light comes on	232 140 00	23-28 TASK 803
Chime does not operate for calls on HF 2, SELCAL call light comes on	232 150 00	23-28 TASK 803
Chime does not operate for calls on VHF 1, SELCAL call light comes on	232 160 00	23-28 TASK 803
Chime does not operate for calls on VHF 2, SELCAL call light comes on	232 170 00	23-28 TASK 803
Chime does not operate for calls on VHF 3, SELCAL call light comes on	232 180 00	23-28 TASK 803
does not operate for any radio	232 250 00	23-28 TASK 804
does not operate for HF 1	232 200 00	23-28 TASK 804
does not operate for HF 2	232 210 00	23-28 TASK 804
does not operate for VHF 1	232 220 00	23-28 TASK 804
does not operate for VHF 2	232 230 00	23-28 TASK 804
does not operate for VHF 3	232 240 00	23-28 TASK 804
Service interphone		
distorted		
- all jacks	234 030 48	23-41 TASK 803
- jack adjacent to APU	234 120 00	23-41 TASK 802
- jack at aft entry light panel	234 150 00	23-41 TASK 802
- jack at EE rack	234 070 00	23-41 TASK 802
- jack at external power receptacle panel	234 190 00	23-41 TASK 802
- jack at left wheel well	234 230 00	23-41 TASK 802
- jack at right wheel well	234 270 00	23-41 TASK 802
- jack at right wing refueling slat	234 310 00	23-41 TASK 802
- jack in the electronic equipment bay	234 430 00	23-41 TASK 802
does not connect to flight interphone	234 010 00	23-41 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Service interphone (continued)		
does not operate		
- all jacks	234 020 48	23-41 TASK 801
- jack adjacent to APU	234 100 00	23-41 TASK 802
- jack at aft entry light panel	234 140 00	23-41 TASK 802
- jack at EE rack	234 060 00	23-41 TASK 802
- jack at external power receptacle panel	234 180 00	23-41 TASK 802
- jack at left wheel well	234 220 00	23-41 TASK 802
- jack at right wheel well	234 260 00	23-41 TASK 802
- jack at right wing refueling slat	234 300 00	23-41 TASK 802
- jack in the electronic equipment bay	234 410 00	23-41 TASK 802
intermittent		
- all jacks	234 040 48	23-41 TASK 803
- jack adjacent to APU	234 110 00	23-41 TASK 802
- jack at aft entry light panel	234 160 00	23-41 TASK 802
- jack at EE rack	234 080 00	23-41 TASK 802
- jack at external power receptacle panel	234 200 00	23-41 TASK 802
- jack at left wheel well	234 240 00	23-41 TASK 802
- jack at right wheel well	234 280 00	23-41 TASK 802
- jack at right wing refueling slat	234 320 00	23-41 TASK 802
- jack in the electronic equipment bay	234 420 00	23-41 TASK 802
volume problem		
- all jacks	234 050 48	23-41 TASK 803
- jack adjacent to APU	234 130 00	23-41 TASK 802
- jack at aft entry light panel	234 170 00	23-41 TASK 802
- jack at EE rack	234 090 00	23-41 TASK 802
- jack at external power receptacle panel	234 210 00	23-41 TASK 802
- jack at left wheel well	234 250 00	23-41 TASK 802
- jack at right wheel well	234 290 00	23-41 TASK 802
- jack at right wing refueling slat	234 330 00	23-41 TASK 802
- jack in the electronic equipment bay	234 440 00	23-41 TASK 802
Shaker, control column		
does not operate during test	273 110 00	27-32 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Shoulder harness		
Does not extend or retract		
- captain's	251 090 31	25-99 TASK 801
- first observer's	251 090 33	25-99 TASK 801
- first officer's	251 090 32	25-99 TASK 801
SINGLE FMC OPERATION message shows on the CDU .	346 370 00	34-61 TASK 807
Slats, leading edge		
TRANSIT light stays on		
- 1	278 080 01	27-88 TASK 820
- 2	278 080 02	27-88 TASK 820
- 3	278 080 03	27-88 TASK 820
- 4	278 080 04	27-88 TASK 820
- 5	278 080 05	27-88 TASK 820
- 6	278 080 06	27-88 TASK 820
- 7	278 080 07	27-88 TASK 820
- 8	278 080 08	27-88 TASK 820
Smoke		
 does not stop with recirculation fans off, isolation valve closed, and both pack switches at off 		
- flight compartment	210 070 00	21-00 TASK 803
- flight compartment and passenger cabin	210 080 00	21-00 TASK 803
- passenger cabin	210 090 00	21-00 TASK 803
Stops with recirculation fan(s) off		
- flight compartment	212 050 00	21-00 TASK 804
- flight compartment and passenger cabin	212 060 00	21-00 TASK 804
- passenger cabin	212 070 00	21-00 TASK 804
 Stops with recirculation fan(s) off, isolation valve closed, and right pack switch at off 		
- flight compartment and passenger cabin	210 020 00	21-00 TASK 801
- passenger cabin	210 030 00	21-00 TASK 801
 Stops with recirculation fan(s) off, isolation valve closed, right pack switch in auto, and left pack switch off 		
- flight compartment	210 040 00	21-00 TASK 802
- flight compartment and passenger cabin	210 050 00	21-00 TASK 802
- passenger cabin	210 060 00	21-00 TASK 802

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Smoke goggles		
• missing		
- captain's	256 060 31	25-99 TASK 801
- first officer's	256 060 32	25-99 TASK 801
Smoke or flame in APU exhaust	492 150 00	49-55 TASK 801
Smoke or fumes in cabin		
pneumatic power supplied by APU	499 010 00	49-55 TASK 802
pneumatic power supplied by engine		
- engine 1	710 300 51	71-05 TASK 807
- engine 2	710 300 52	71-05 TASK 807
Source unknown	210 671 00	21-00 TASK 806
SOURCE OFF and GEN OFF BUS lights		
 lights on with IDG 1 and IDG 2 on line 		
- no. 1	242 040 01	24-21 TASK 801
- no. 2	242 040 02	24-21 TASK 801
SOURCE OFF and TRANSFER BUS OFF lights		
 lights on with GRD PWR switch at ON 		
- no. 1	244 010 01	24-41 TASK 801
- no. 1 and no. 2	244 010 48	24-41 TASK 801
- no. 2	244 010 02	24-41 TASK 801
 lights on with the APU generator on line 		
- no. 1	242 060 01	24-21 TASK 801
- no. 2	242 060 02	24-21 TASK 801
SOURCE OFF light		
 light comes on but no fault light on GCU is on 		
- GEN 1 SOURCE OFF light	242 080 01	24-21 TASK 821
- GEN 2 SOURCE OFF light	242 080 02	24-21 TASK 821
SPAR VALVE CLOSED light		
 does not come on bright when the valve is in transit 		
- engine 1	282 240 51	28-22 TASK 811
- engine 2	282 240 52	28-22 TASK 812

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
SPAR VALVE CLOSED light (continued)		
 slow to go from bright to dim when start lever moved to CUTOFF 		
- engine 1	282 180 51	28-22 TASK 809
- engine 2	282 180 52	28-22 TASK 810
 slow to go from bright to off when start lever moved to IDLE 		
- engine 1	282 190 51	28-22 TASK 809
- engine 2	282 190 52	28-22 TASK 810
Stays on bright when start lever moved to CUTOFF		
- engine 1	282 200 51	28-22 TASK 809
- engine 2	282 200 52	28-22 TASK 810
Stays on bright when start lever moved to IDLE		
- engine 1	282 210 51	28-22 TASK 809
- engine 2	282 210 52	28-22 TASK 810
Spare bulb kit		
needs replenishing	251 110 00	25-99 TASK 801
SPD flag shows on integrated standby flight display	342 609 00	34-24 TASK 812
SPD flag shows on the EFIS display		
- captain's	342 040 31	34-21 TASK 827
- first officer's	342 040 32	34-21 TASK 828
SPD LIM shows		
- captain's	273 160 31	27-32 TASK 831
- first officer's	273 160 32	27-32 TASK 833
SPDTRM LCH shows in DFCS BITE FAULT HISTORY	221 207 00	22-11 TASK 801
Speaker in the flight compartment		
does not operate		
- captain's	235 080 31	23-51 TASK 805
- first officer's	235 080 32	23-51 TASK 806
Speed brake		
Auto extend does not operate	276 040 00	27-62 TASK 804
Auto retract does not operate	276 050 00	27-62 TASK 805
• chatters	276 060 00	27-62 TASK 806

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Speed brake (continued)		
Flight detent does not operate	276 070 00	27-61 TASK 802
lever does not move freely	276 080 00	27-62 TASK 807
SPEED BRAKE ARMED light		
does not operate	276 020 00	27-62 TASK 803
SPEED BRAKE DO NOT ARM light		
• light on	276 030 00	27-62 TASK 802
SPEED TRIM FAIL light		
• light on	221 050 00	22-11 TASK 801
SPEED TRIM FAIL light on		
• light on when MASTER CAUTION switch is pushed	221 060 00	22-11 TASK 801
SPEEDBRAKES EXTENDED light		
• light on with airplane on the ground	276 035 00	27-62 TASK 814
Spoilers		
Airplane rolls left when the spoilers are deployed	276 111 41	27-61 TASK 805
Airplane rolls right when the spoilers are deployed	276 111 42	27-61 TASK 805
do not move in one direction	276 110 00	27-61 TASK 804
flight spoilers do not operate	276 090 00	27-61 TASK 802
ground spoilers do not operate	276 100 00	27-61 TASK 803
spoiler panel(s) float	276 010 00	27-61 TASK 801
STAB OUT OF TRIM light		
• light on	221 070 00	22-11 TASK 801
Stabilizer		
control cable tension repeatedly checks low	274 010 00	27-41 TASK 801
fails to trim		
- nose down	274 020 00	27-41 TASK 802
- nose up	274 030 00	27-41 TASK 803
- nose up and nose down	274 040 00	27-41 TASK 804
Too much play in stabilizer surface	274 060 00	27-41 TASK 813
Stabilizer trim		
does not hold position in flight	274 130 00	27-41 TASK 812

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Stabilizer trim (continued)		
does not move freely	274 070 00	27-41 TASK 805
moves with slow speed only	274 080 00	27-41 TASK 810
unscheduled nose up		
- autopilot engaged in CMD A	221 910 00	22-11 TASK 801
- autopilot engaged in CMD A or CMD B	221 930 00	22-11 TASK 801
- autopilot engaged in CMD B	221 920 00	22-11 TASK 801
wheel coasts more than 2.5 turns (flaps down)	274 120 00	27-41 TASK 811
Stabilizer trim switches		
do not operate trim down		
- captain's	274 160 31	27-41 TASK 806
- first officer's	274 160 32	27-41 TASK 808
do not operate trim up		
- captain's	274 150 31	27-41 TASK 806
- first officer's	274 150 32	27-41 TASK 808
 do not operate trim up and trim down 		
- captain's	274 170 31	27-41 TASK 807
- first officer's	274 170 32	27-41 TASK 809
Stall, turbulence, buffet, or overspeed	055 070 00	05-51 TASK 808
Standby compass light		
does not come on	331 100 00	34-23 TASK 802
Does not go off	331 101 00	34-23 TASK 802
Standby flight display, integrated (ISFD)		
ALT flag shows	342 602 00	34-24 TASK 805
ATT flag shows	342 603 00	34-24 TASK 806
 attitude display disagrees with primary display; no flag 		
shows	342 611 00	34-24 TASK 814
display blank	342 601 00	34-24 TASK 804
G/S flag shows	342 604 00	34-24 TASK 808
HDG flag shows	342 605 00	34-24 TASK 809
LOC flag shows	342 606 00	34-24 TASK 808
OUT OF ORDER flag shows	342 607 00	34-24 TASK 810
PROGRAM PIN ERROR flag shows	342 608 00	34-24 TASK 811

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Standby flight display, integrated (ISFD) (continued)		
SPD flag shows	342 609 00	34-24 TASK 812
WAIT ATT flag shows	342 610 00	34-24 TASK 807
STANDBY HYD LOW PRESSURE light		
• light on	293 220 00	29-30 TASK 814
STANDBY HYD LOW QUANTITY light		
• light on	293 180 00	29-30 TASK 809
Standby hydraulic pump		
does not operate	292 010 00	29-20 TASK 801
Standby magnetic compass error	342 510 00	34-23 TASK 801
STANDBY PWR OFF light		
 light on with AC power supplied and STANDBY POWER switch at AUTO or BAT	243 010 00	24-34 TASK 803
light on with BAT switch at ON and STANDBY POWER switch at AUTO or BAT	243 020 00	24-34 TASK 803
STBY RUD ON light		
• light is on	272 070 00	27-21 TASK 817
Strobe light, anti-collision		
Does not go off		
- left wing	334 250 41	33-44 TASK 801
- right wing	334 250 42	33-44 TASK 801
- tail	334 260 00	33-44 TASK 801
Strut or nacelle dragged or damaged		
- engine 1	055 100 51	05-51 TASK 811
- engine 2	055 100 52	05-51 TASK 811
Sun visor problem		
- captain's	251 120 31	25-99 TASK 801
- first officer's	251 120 32	25-99 TASK 801
Surge of APU during main engine start	492 160 00	49-55 TASK 808
Switch, lighted pushbutton		
does not come on correctly	331 020 00	33-10 TASK 801
Does not go off	331 021 00	33-10 TASK 801

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Tail dragged	055 110 00	05-51 TASK 812
Tailcone light		
does not come on	333 070 00	33-30 TASK 801
Does not go off	333 071 00	33-30 TASK 801
Takeoff warning horn		
does not sound	312 010 00	31-51 TASK 803
• sounds (false warning)	312 015 00	31-51 TASK 803
TAS data		
 does not show on the navigation display 		
- captain's	342 120 31	34-21 TASK 827
- first officer's	342 120 32	34-21 TASK 828
TAT data		
• does not show on the engine display	342 050 00	34-21 TASK 813
Taxi light		
does not come on	334 320 00	33-40 TASK 801
Does not go off	334 330 00	33-40 TASK 801
TCAS		
display blank		
- captain's	344 310 31	34-45 TASK 817
- captain's and first officer's	344 310 48	34-45 TASK 817
- first officer's	344 310 32	34-45 TASK 817
intruder symbol stays directly in front of the airplane	044.050.00	0.4.45.74.014.04.4
symbol on the navigation display	344 350 00	34-45 TASK 814
 intruder symbols do not show on the navigation display . 	344 380 00	34-45 TASK 814
intruder symbols show when the airplane is on the ground	344 320 00	34-45 TASK 820
navigation display shows TCAS OFF with the control		
panel selector switch at TA	344 330 00	34-45 TASK 815
 navigation display shows TCAS OFF with the control panel selector switch at TA/RA 	344 340 00	34-45 TASK 815
system test does not start when the TEST switch is	244 222 22	04.45.74.01/.040
pushed	344 390 00	34-45 TASK 819
system test problem	344 395 00	34-45 TASK 818

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
TCAS (continued)		
voice annunciation (aural) problem	344 360 00	34-45 TASK 816
TCAS FAIL flag on navigation display		
Shows with ATC transponder selector at TA and does not show with selector at TA/RA	344 371 00	34-45 TASK 821
Shows with ATC transponder selector at TA and shows with selector at TA/RA	344 370 00	34-45 TASK 821
Shows with ATC transponder selector at TA/RA and does not show with selector at TA	344 372 00	34-45 TASK 823
TCAS OFF shows on the navigation display		
With the control panel selector switch at TA	344 330 00	34-45 TASK 815
With the control panel selector switch at TA/RA	344 340 00	34-45 TASK 815
TEMP PROBE light		
• light on	303 100 00	30-31 TASK 810
Temperature control		
 AUTO control does not operate 		
- AFT CAB	216 050 00	21-61 TASK 863
- CONT CAB	216 040 00	21-61 TASK 861
- FWD CAB	216 060 00	21-61 TASK 864
cannot cool cabins, all temperature selectors set to full cold	216 510 00	21-62 TASK 849
Temperature indication not correct		
- air temperature selector at AFT SUPPLY DUCT	216 170 00	21-61 TASK 860
- air temperature selector at AFT ZONE CABIN	216 120 00	21-61 TASK 857
- air temperature selector at CONT CAB SUPPLY	246 440 00	04 64 TACK 050
DUCT	216 140 00	21-61 TASK 858
- air temperature selector at FWD SUPPLY DUCT	216 180 00	21-61 TASK 859
- air temperature selector at FWD ZONE CABIN	216 130 00	21-61 TASK 856
- air temperature selector at PACK L	215 060 00	21-61 TASK 854
- air temperature selector at PACK R	215 070 00	21-61 TASK 855
TERR FAIL message shows	344 450 00	34-46 TASK 856
TERR POS message shows	344 430 00	34-46 TASK 856
TERR RANGE DISAGREE message shows	344 460 00	34-46 TASK 857

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Terrain display for ground proximity		
does not show		
- captain's	344 480 31	34-46 TASK 853
- captain's and first officer's	344 480 48	34-46 TASK 853
- first officer's	344 480 32	34-46 TASK 853
Thrust lever		
 Does not go to full rated N1 when TO/GA switch is pushed a second time during go-around 		
- engine 1	223 070 51	22-32 TASK 804
- engine 1 and engine 2	223 070 48	22-32 TASK 804
- engine 2	223 070 52	22-32 TASK 804
 Does not go to reduced N1 when TO/GA switch is pushed one time during go-around 		
- engine 1	223 080 51	22-32 TASK 804
- engine 1 and engine 2	223 080 48	22-32 TASK 804
- engine 2	223 080 52	22-32 TASK 804
 does not move back with autothrottle in RETARD mode 		
- engine 1	223 100 51	22-32 TASK 802
- engine 1 and engine 2	223 100 48	22-32 TASK 802
- engine 2	223 100 52	22-32 TASK 802
 does not move forward when TO/GA switch is pushed 		
- engine 1	223 060 51	22-32 TASK 804
- engine 1 and engine 2	223 060 48	22-32 TASK 804
- engine 2	223 060 52	22-32 TASK 804
 levers not aligned (staggered) for same N1 on both 		
engines	760 010 00	76-05 TASK 801
split, OK with autothrottle disengaged	223 180 00	22-32 TASK 811
Thrust mode		
does not show on the engine display	346 230 00	34-61 TASK 809
Thrust reverser deploy		
 REV message does not show, thrust reverser does not deploy, and reverse thrust lever does not move to full reverse thrust 		
- engine 1	780 030 51	78-34 TASK 807
- engine 2	780 030 52	78-34 TASK 807

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Thrust reverser deploy (continued)		
 REV message shows amber, reverse thrust lever does not move to full reverse thrust 		
- engine 1	780 050 51	78-34 TASK 802
- engine 2	780 050 52	78-34 TASK 802
 REV message shows amber, reverse thrust lever moves to full reverse thrust but engine does not go to full reverse thrust 		
- engine 1	780 040 51	78-34 TASK 802
- engine 2	780 040 52	78-34 TASK 802
 REV message shows green, reverse thrust lever does not move to full reverse thrust 		
- engine 1	780 060 51	78-34 TASK 803
- engine 2	780 060 52	78-34 TASK 803
 REV message shows green, reverse thrust lever moves to full reverse thrust but engine does not go to full reverse thrust 		
- engine 1	780 065 51	78-34 TASK 804
- engine 2	780 065 52	78-34 TASK 804
 time to extend thrust reverser too slow (more than 3 seconds) 		
- engine 1	780 070 51	78-34 TASK 805
- engine 2	780 070 52	78-34 TASK 805
Thrust reverser stow		
REV message shows amber or green, ENG CONTROL light off, REVERSER light on		
- engine 1	780 090 51	78-34 TASK 806
- engine 2	780 090 52	78-34 TASK 806
 REV message shows amber or green, ENG CONTROL light on, REVERSER light off 		
- engine 1	780 080 51	78-36 TASK 806
- engine 2	780 080 52	78-36 TASK 806
 REV message shows green, ENG CONTROL light off, REVERSER light on 		
- engine 1	780 105 51	78-34 TASK 806
- engine 2	780 105 52	78-34 TASK 806

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Thrust reverser stow (continued)		
REVERSER Light does not come ON momentarily during stow; Thrust Reverser operates normally		
- engine 1	780 100 51	78-34 TASK 808
- engine 2	780 100 52	78-34 TASK 808
 time to retract thrust reverser too slow (more than 5 seconds) 		
- engine 1	780 110 51	78-34 TASK 805
- engine 2	780 110 52	78-34 TASK 805
Tiller steering		
does not operate	325 070 00	32-51 TASK 806
response is sluggish	325 080 00	32-51 TASK 807
Steers in left direction only	325 090 00	32-51 TASK 808
Steers in right direction only	325 100 00	32-51 TASK 808
Tire problem		
- main gear left inboard	324 150 02	32-42 TASK 820
- main gear left outboard	324 150 01	32-42 TASK 820
- main gear right inboard	324 150 03	32-42 TASK 820
- main gear right outboard	324 150 04	32-42 TASK 820
- nose gear left	324 150 05	32-42 TASK 820
- nose gear right	324 150 06	32-42 TASK 820
TO/GA pitch mode		
 does not show on the flight mode annunciator for go-around when TO/GA switch is pushed and F/D on 		
- captain's	221 200 31	22-11 TASK 801
- captain's and first officer's	221 200 48	22-11 TASK 801
- first officer's	221 200 32	22-11 TASK 801
 does not show on the flight mode annunciator for takeoff when TO/GA switch is pushed and F/D on 		
- captain's	221 190 31	22-11 TASK 801
- captain's and first officer's	221 190 48	22-11 TASK 801
- first officer's	221 190 32	22-11 TASK 801
Toilet flush system		
does not flush		
- all toilets	383 121 48	38-30 TASK 811

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
TR UNIT light		
• light on	243 040 00	24-31 TASK 826
TRANSFER BUS OFF and SOURCE OFF lights		
 lights on with GRD PWR switch at ON 		
- no. 1	244 010 01	24-41 TASK 801
- no. 1 and no. 2	244 010 48	24-41 TASK 801
- no. 2	244 010 02	24-41 TASK 801
 lights on with the APU generator on line 		
- no. 1	242 060 01	24-21 TASK 801
- no. 2	242 060 02	24-21 TASK 801
TRANSFER BUS OFF light		
flickers with IDG on line		
- generator 1	242 070 01	24-21 TASK 818
- generator 2	242 070 02	24-21 TASK 819
Trim air valve does not operate	216 310 00	21-62 TASK 838
Trim switch		
does not operate correctly	272 100 00	27-21 TASK 812
Turbulence (severe), stall, buffet, or overspeed	055 070 00	05-51 TASK 808
VALVE OPEN light for fuel crossfeed		
• does not come on bright when the valve is in transit	282 125 00	28-22 TASK 808
Stays on bright when the crossfeed selector is moved to the off position	282 120 00	28-22 TASK 807
Stays on bright when the crossfeed selector is moved to the on position	282 110 00	28-22 TASK 807
Valve position light, refuel panel		
 light does not come on with valves selected open and refueling manifold pressurized 		
- all tanks	282 030 48	28-21 TASK 807
- center tank	282 030 43	28-21 TASK 807
- tank no. 1	282 030 01	28-21 TASK 807
- tank no. 2	282 030 02	28-21 TASK 807

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Valve position light, refuel panel (continued)		
 light does not go off after pressing the press-to-test switch 		
- all tanks	282 020 48	28-21 TASK 806
- center tank	282 020 43	28-21 TASK 806
- tank no. 1	282 020 01	28-21 TASK 806
- tank no. 2	282 020 02	28-21 TASK 806
Stays on with switch at CLOSED		
- all tanks	282 070 48	28-21 TASK 806
- center tank	282 070 43	28-21 TASK 806
- tank no. 1	282 070 01	28-21 TASK 806
- tank no. 2	282 070 02	28-21 TASK 806
VERIFY POSITION message shows on CDU and POS		
SHIFT page shows large IRS drift	342 225 00	34-21 TASK 836
VERT SPEED window display on the mode control panel		
• does not change with vertical speed selector change	221 830 00	22-11 TASK 803
does not show	221 840 00	22-11 TASK 803
Vertical Situation Display problem		
- captain's	344 501 31	34-46 TASK 801
- first officer's	344 501 32	34-46 TASK 801
Vertical speed data		
does not show		
- captain's	342 180 31	31-63 TASK 809
- first officer's	342 180 32	31-63 TASK 809
Vertical speed pointer		
does not show		
- captain's	342 185 31	34-21 TASK 825
- first officer's	342 185 32	34-21 TASK 826
VHF 1 radio		
• reception and transmission problem at all stations	231 310 48	23-12 TASK 816
reception and transmission problem at one station		
- captain's	231 310 31	23-12 TASK 816
- first observer's	231 310 33	23-12 TASK 816
- first officer's	231 310 32	23-12 TASK 816

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
VHF 1 radio (continued)		
reception problem at all stations	231 320 48	23-12 TASK 816
 reception problem at one station 		
- captain's	231 320 31	23-12 TASK 816
- first observer's	231 320 33	23-12 TASK 816
- first officer's	231 320 32	23-12 TASK 816
Transmission problem at all stations	231 330 48	23-12 TASK 816
Transmission problem at one station		
- captain's	231 330 31	23-12 TASK 816
- first observer's	231 330 33	23-12 TASK 816
- first officer's	231 330 32	23-12 TASK 816
VHF 2 radio		
• reception and transmission problem at all stations	231 430 48	23-12 TASK 816
 reception and transmission problem at one station 		
- captain's	231 430 31	23-12 TASK 816
- first observer's	231 430 33	23-12 TASK 816
- first officer's	231 430 32	23-12 TASK 816
reception problem at all stations	231 440 48	23-12 TASK 816
 reception problem at one station 		
- captain's	231 440 31	23-12 TASK 816
- first observer's	231 440 33	23-12 TASK 816
- first officer's	231 440 32	23-12 TASK 816
Transmission problem at all stations	231 450 48	23-12 TASK 816
Transmission problem at one station		
- captain's	231 450 31	23-12 TASK 816
- first observer's	231 450 33	23-12 TASK 816
- first officer's	231 450 32	23-12 TASK 816
VHF 3 radio		
• reception and transmission problem at all stations	231 550 48	23-12 TASK 816
 reception and transmission problem at one station 		
- captain's	231 550 31	23-12 TASK 816
- first observer's	231 550 33	23-12 TASK 816
- first officer's	231 550 32	23-12 TASK 816
reception problem at all stations	231 560 48	23-12 TASK 816

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
VHF 3 radio (continued)		
 reception problem at one station 		
- captain's	231 560 31	23-12 TASK 816
- first observer's	231 560 33	23-12 TASK 816
- first officer's	231 560 32	23-12 TASK 816
Transmission problem at all stations	231 570 48	23-12 TASK 816
 Transmission problem at one station 		
- captain's	231 570 31	23-12 TASK 816
- first observer's	231 570 33	23-12 TASK 816
- first officer's	231 570 32	23-12 TASK 816
Vibration in aft and forward fuselage	273 070 00	27-31 TASK 806
Vibration indication		
• blank		
- engine 1	770 040 51	77-05 TASK 805
- engine 2	770 040 52	77-05 TASK 805
• high		
- engine 1	710 232 51	71-05 TASK 808
- engine 2	710 232 52	71-05 TASK 808
Zero or fluctuates		
- engine 1	770 050 51	77-05 TASK 804
- engine 2	770 050 52	77-05 TASK 804
Vibration, APU		
• excessive	491 020 00	49-15 TASK 807
Voice recorder		
Signal problem at monitor jack	237 010 00	23-71 TASK 801
STATUS light or TEST light does not come on when TEST switch is pushed	237 020 00	23-71 TASK 804
Volcanic ash condition	055 050 00	05-51 TASK 803
VOR		
Audio tone does not occur or is weak		
- captain's	345 010 31	34-51 TASK 809
- first officer's	345 010 32	34-51 TASK 809

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
VOR (continued)		
Bearing pointer 1 does not show, VOR1 flag does not show	345 030 01	34-51 TASK 805
Bearing pointer 2 does not show, VOR2 flag does not show	345 030 02	34-51 TASK 805
Data on NAV STATUS display of CDU shows FAIL	346 490 00	34-61 TASK 801
 deviation bar does not show on the navigation display 		
- VOR1	345 050 01	34-51 TASK 806
- VOR2	345 050 02	34-51 TASK 806
 test problem when you push the TEST switch on the navigation control panel 		
- captain's	345 020 31	34-51 TASK 801
- first officer's	345 020 32	34-51 TASK 801
 TO/FROM indication does not show on the navigation display 		
- VOR1	345 060 01	34-51 TASK 810
- VOR2	345 060 02	34-51 TASK 810
VOR frequency		
shows dashes		
- VOR1	345 070 01	34-51 TASK 807
- VOR2	345 070 02	34-51 TASK 807
VOR1 flag shows on the display	345 040 01	34-51 TASK 801
VOR2 flag shows on the display	345 040 02	34-51 TASK 801
VSD flag shows		
- captain's	344 502 31	34-46 TASK 860
- first officer's	344 502 32	34-46 TASK 861
VSI flag shows		
- captain's	342 175 31	34-21 TASK 825
- first officer's	342 175 32	34-21 TASK 826
VTK flag shows		
- captain's	346 200 31	34-61 TASK 801
- first officer's	346 200 32	34-61 TASK 801
WAIT ATT flag shows on integrated standby flight display	342 610 00	34-24 TASK 807

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Waste quantity indicator		
 Shows tank is empty when tank is full 		
- attendant's panel	383 050 00	38-30 TASK 810
Shows tank is full when tank is not full		
- attendant's panel	383 040 00	38-30 TASK 810
Waste tank		
does not precharge	383 020 00	38-30 TASK 812
Waste tank drain valve handle		
Does not drain tank when pulled	383 030 00	38-30 TASK 813
Water leakage		
- aft cargo compartment ceiling	381 050 45	38-10 TASK 804
- forward cargo compartment ceiling	381 050 44	38-10 TASK 804
Water, potable		
auxiliary tank (40-gallon) leaks	381 042 00	25-99 TASK 801
main tank (60-gallon) leaks	381 041 00	25-99 TASK 801
System does not pressurize	381 020 00	38-10 TASK 803
tank does not fill	381 030 00	38-10 TASK 801
• tank leaks	381 040 00	38-10 TASK 802
Weather radar		
display blank		
- captain's	344 090 31	34-43 TASK 814
- first officer's	344 090 32	34-43 TASK 814
gain control problem		
- left	344 100 41	34-43 TASK 814
- right	344 100 42	34-43 TASK 814
mode selector problem		
- left	344 110 41	34-43 TASK 804
- right	344 110 42	34-43 TASK 804
no aural warnings during system displays test (predictive windshear)	344 140 00	34-43 TASK 820
 returns weak or incorrect colors on CDS 		
- captain's	344 120 31	34-43 TASK 802
- first officer's	344 120 32	34-43 TASK 802

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Weather radar (continued)		
Tilt control problem		
- left	344 130 41	34-43 TASK 814
- right	344 130 42	34-43 TASK 814
WINDSHEAR does not show during system displays test (predictive windshear)	344 150 00	34-43 TASK 802
WHEEL WELL light		
does not come on		
- main landing gear	333 010 00	33-30 TASK 801
- nose landing gear	333 020 00	33-30 TASK 801
does not go off		
- main landing gear	333 011 00	33-30 TASK 801
- nose landing gear	333 021 00	33-30 TASK 801
• light on	261 090 00	26-18 TASK 801
Window heat		
Does not heat correctly		
- side window	304 090 00	30-41 TASK 809
- windshield	304 080 00	30-41 TASK 802
lights do not operate correctly when the test switch is moved to PWR TEST	304 050 00	30-41 TASK 801
 master caution and OVERHEAT lights do not operate correctly when the test switch is moved to OVHT 	304 060 00	30-41 TASK 801
WINDOW HEAT OVERHEAT light		
• light on		
- L FWD	304 010 41	30-41 TASK 801
- L SIDE	304 020 41	30-41 TASK 801
- R FWD	304 010 42	30-41 TASK 801
- R SIDE	304 020 42	30-41 TASK 801
WINDOW HEAT Power ON light		
does not come on		
- L FWD	304 030 41	30-41 TASK 801
- L SIDE	304 040 41	30-41 TASK 801
- R FWD	304 030 42	30-41 TASK 801
- R SIDE	304 040 42	30-41 TASK 801

AKS ALL

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Window, flight compartment		
 delaminated, cracked, chipped, crazed, scratched, or has bubbles 		
- no. 1 left	561 010 41	56-11 TASK 802
- no. 1 right	561 010 42	56-11 TASK 802
- no. 2 left	561 020 41	56-11 TASK 802
- no. 2 right	561 020 42	56-11 TASK 802
- no. 3 left	561 030 41	56-11 TASK 802
- no. 3 right	561 030 42	56-11 TASK 802
Sliding difficult to operate		
- no. 2 left	561 070 41	56-11 TASK 801
- no. 2 right	561 070 42	56-11 TASK 801
Sliding has air leak		
- no. 2 left	561 080 41	56-11 TASK 801
- no. 2 right	561 080 42	56-11 TASK 801
• windows need cleaning	561 060 00	56-11 TASK 805
Windshield		
Air outlet does not operate		
- captain's	212 010 31	21-22 TASK 801
- first officer's	212 010 32	21-22 TASK 801
Windshield wiper		
 does not operate in any switch position 		
- left	304 200 41	30-42 TASK 801
- right	304 200 42	30-42 TASK 801
 does not operate in one switch position 		
- left	304 210 41	30-42 TASK 802
- right	304 210 42	30-42 TASK 802
does not park in the correct position		
- left	304 240 41	30-42 TASK 805
- right	304 240 42	30-42 TASK 805
does not remove water correctly		
- left	304 260 41	30-42 TASK 807
- right	304 260 42	30-42 TASK 807

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Windshield wiper (continued)		
does not stop		
- left	304 250 41	30-42 TASK 806
- right	304 250 42	30-42 TASK 806
Speed is incorrect		
- left	304 220 41	30-42 TASK 804
- right	304 220 42	30-42 TASK 804
Sweep is incorrect		
- left	304 230 41	30-42 TASK 803
- right	304 230 42	30-42 TASK 803
WING ANTI-ICE L VALVE OPEN light		
does not come on	301 080 00	30-11 TASK 805
Does not go bright during transition	301 015 41	30-11 TASK 804
 slow to go from bright to dim when switch is moved to 		
ON	301 010 00	30-11 TASK 801
slow to go from bright to off when switch is moved to OFF	301 020 00	30-11 TASK 802
Stays on bright	301 030 00	30-11 TASK 803
WING ANTI-ICE R VALVE OPEN light		
does not come on	301 090 00	30-11 TASK 805
Does not go bright during transition	301 015 42	30-11 TASK 804
slow to go from bright to dim when switch is moved to	301 050 00	30-11 TASK 801
ON	301 050 00	30-11 IASK 001
slow to go from bright to off when switch is moved to OFF	301 060 00	30-11 TASK 802
Stays on bright	301 070 00	30-11 TASK 803
WING ANTI-ICE switch		
does not latch in the ON position with the engines not		
operating	301 100 00	30-11 TASK 806
Unlatches when the engines are operating	301 110 00	30-11 TASK 807

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
Wing down aileron trim		
does not operate		
- left	271 050 41	27-11 TASK 814
- left and right	271 050 48	27-11 TASK 815
- right	271 050 42	27-11 TASK 814
Wing illumination light		
does not come on		
- left	334 010 41	33-40 TASK 801
- right	334 010 42	33-40 TASK 801
Does not go off		
- left	334 020 41	33-40 TASK 801
- right	334 020 42	33-40 TASK 801
WING-BODY OVERHEAT light		
 light does not come on when OVHT/TEST switch is pushed 		
- left	261 120 41	26-18 TASK 801
- left and right	261 120 48	26-18 TASK 801
- right	261 120 42	26-18 TASK 801
• light on	261 110 00	26-18 TASK 801
Wireless quick access recorder		
data does not transmit	313 121 00	31-31 TASK 809
WXR ATT message shows		
- captain's	344 030 31	34-43 TASK 806
- first officer's	344 030 32	34-43 TASK 806
WXR DSPY message shows		
- captain's	344 040 31	34-43 TASK 812
- first officer's	344 040 32	34-43 TASK 813
WXR FAIL message shows		
- captain's	344 050 31	34-43 TASK 801
- first officer's	344 050 32	34-43 TASK 801
WXR RANGE DISAGREE message shows		
- captain's	344 060 31	34-43 TASK 808
- first officer's	344 060 32	34-43 TASK 809

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
WXR WEAK message shows		
- captain's	344 080 31	34-43 TASK 802
- first officer's	344 080 32	34-43 TASK 802
Yaw damper		
 disengaged automatically, YAW DAMPER light came 		
on	222 030 00	27-32 TASK 801
operation not normal	222 020 00	27-32 TASK 801
YAW DAMPER light		
Does not go off with YAW DAMPER switch at ON	222 010 00	27-32 TASK 801
ZONE TEMP light		
Comes on unexpectedly during master caution recall	216 224 00	21-62 TASK 848
light on, cannot reset		
- aft cabin	216 202 00	21-62 TASK 841
- control cabin	216 212 00	21-62 TASK 839
- forward cabin	216 222 00	21-62 TASK 840
light on, comes on again after reset		
- aft cabin	216 203 00	21-62 TASK 847
- control cabin	216 213 00	21-62 TASK 845
- forward cabin	216 223 00	21-62 TASK 846
light on, stays off after reset		
- aft cabin	216 201 00	21-62 TASK 844
- control cabin	216 211 00	21-62 TASK 842
- forward cabin	216 221 00	21-62 TASK 843

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
05-5 TIME LIMITS/MAINTENANCE CHECKS - UNSCHEDUL	ED MAINTENANCE	CHECKS
Airframe		
Vibration or lateral oscillation is excessive	055 170 00	05-51 TASK 813
Birdstrike/FOD		
• on airframe/area unknown, engine parameters normal	055 130 00	05-51 TASK 804
Brakes		
overheated during stop	055 030 00	05-51 TASK 805
Dust (extreme) condition	055 020 00	05-51 TASK 802
Engine nacelle or strut dragged or damaged		
- engine 1	055 100 51	05-51 TASK 811
- engine 2	055 100 52	05-51 TASK 811
Engine seizure		
- engine 1	055 120 51	05-51 TASK 811
- engine 2	055 120 52	05-51 TASK 811
Hard landing or high drag/side load landing	055 040 00	05-51 TASK 806
Lightning strike	055 010 00	05-51 TASK 801
Overspeed		
With flaps/slats extended	055 090 00	05-51 TASK 810
With landing gear down	055 080 00	05-51 TASK 809
Overweight landing	055 060 00	05-51 TASK 807
Tail dragged	055 110 00	05-51 TASK 812
Turbulence (severe), stall, buffet, or overspeed	055 070 00	05-51 TASK 808
Volcanic ash condition	055 050 00	05-51 TASK 803
21-0 AIR CONDITIONING - GENERAL		
Smoke		
 does not stop with recirculation fans off, isolation valve closed, and both pack switches at off 		
- flight compartment	210 070 00	21-00 TASK 803
- flight compartment and passenger cabin	210 080 00	21-00 TASK 803
- passenger cabin	210 090 00	21-00 TASK 803
 Stops with recirculation fan(s) off, isolation valve closed, and right pack switch at off 		
- flight compartment and passenger cabin	210 020 00	21-00 TASK 801
- passenger cabin	210 030 00	21-00 TASK 801

AKS ALL

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FAULT DESCRIPTION 21-0 AIR CONDITIONING - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
 Stops with recirculation fan(s) off, isolation valve closed, right pack switch in auto, and left pack switch off 		
- flight compartment	210 040 00	21-00 TASK 802
- flight compartment and passenger cabin	210 050 00	21-00 TASK 802
- passenger cabin	210 060 00	21-00 TASK 802
Smoke or fumes in cabin		
Source unknown	210 671 00	21-00 TASK 806
21-2 AIR CONDITIONING - DISTRIBUTION		
EQUIP COOLING EXHAUST OFF light		
light on with switch at ALTERNATE	212 080 00	21-27 TASK 805
light on with switch at NORMAL	212 090 00	21-27 TASK 806
EQUIP COOLING SUPPLY OFF light		
light on with switch at ALTERNATE	212 100 00	21-27 TASK 807
light on with switch at NORMAL	212 110 00	21-27 TASK 808
Foot air outlet		
does not operate		
- captain's	212 020 31	21-22 TASK 801
- first officer's	212 020 32	21-22 TASK 801
Recirculation fan (dual-fan system)		
does not operate		
- left	212 040 41	21-25 TASK 802
- right	212 040 42	21-25 TASK 802
Smoke		
Stops with recirculation fan(s) off		
- flight compartment	212 050 00	21-00 TASK 804
- flight compartment and passenger cabin	212 060 00	21-00 TASK 804
- passenger cabin	212 070 00	21-00 TASK 804
Windshield		
Air outlet does not operate		
- captain's	212 010 31	21-22 TASK 801
- first officer's	212 010 32	21-22 TASK 801

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FAULT DESCRIPTION 21-3 AIR CONDITIONING - PRESSURIZATION	FAULT CODE	GO TO FIM TASK
AUTO FAIL light		
light on and ALTN light on, AUTO FAIL light goes off when pressurization mode selector switch is at ALTN	213 010 00	21-31 TASK 801
light on, ALTN light not on	213 020 00	21-31 TASK 801
CABIN ALT indication		
• fluctuates	213 040 00	21-31 TASK 801
Cabin altitude and differential pressure gauge		
indicates high cabin pressure differential and low cabin altitude	213 121 00	21-33 TASK 803
Cabin altitude warning system		
does not operate	213 060 00	21-33 TASK 801
CABIN CLIMB indicator		
does not operate, pointer does not move	213 080 00	21-33 TASK 802
FLT ALT display		
indication blank	213 090 00	21-31 TASK 803
LAND ALT display		
indication blank	213 100 00	21-31 TASK 803
Manual mode control of aft outflow valve		
does not operate	213 030 00	21-31 TASK 811
MANUAL VALVE indicator		
does not operate, pointer does not move	213 110 00	21-31 TASK 803
Pressurization		
cannot keep the correct cabin pressure	213 050 00	21-31 TASK 801
21-5 AIR CONDITIONING - COOLING		
Fog, high humidity, or ice in cabin	215 010 00	21-51 TASK 801
Noise, pounding heard through air distribution system	215 015 00	21-51 TASK 802
PACK light		
light on at cruise, light comes on again after reset		
- left	215 230 41	21-53 TASK 813
- right	215 230 42	21-53 TASK 814

AKS ALL

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FAULT DESCRIPTION 21-5 AIR CONDITIONING - COOLING (continued)	FAULT CODE	GO TO FIM TASK
light on at cruise, light stays off after reset		
- left	215 220 41	21-53 TASK 809
- right	215 220 42	21-53 TASK 810
 light on during approach, light comes on again after reset 		
- left	215 260 41	21-53 TASK 815
- right	215 260 42	21-53 TASK 816
 light on during approach, light stays off after reset 		
- left	215 250 41	21-53 TASK 807
- right	215 250 42	21-53 TASK 808
light on during climb, light comes on again after reset		
- left	215 290 41	21-53 TASK 817
- right	215 290 42	21-53 TASK 818
 light on during climb, light stays off after reset 		
- left	215 280 41	21-53 TASK 805
- right	215 280 42	21-53 TASK 806
 light on on ground, light comes on again after reset 		
- left	215 320 41	21-53 TASK 811
- right	215 320 42	21-53 TASK 812
 light on on ground, light stays off after reset 		
- left	215 310 41	21-53 TASK 803
- right	215 310 42	21-53 TASK 804
light on, cannot reset		
- left	215 240 41	21-53 TASK 801
- right	215 240 42	21-53 TASK 802
RAM DOOR FULL OPEN light		
• light is not on, airplane on the ground	215 140 00	21-51 TASK 804
• light stays on, airplane in the air	215 160 00	21-51 TASK 803
Temperature indication not correct		
- air temperature selector at PACK L	215 060 00	21-61 TASK 854
- air temperature selector at PACK R	215 070 00	21-61 TASK 855

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FAULT DESCRIPTION 21-6 AIR CONDITIONING - TEMPERATURE CONTROL	FAULT CODE	GO TO FIM TASK
AUTO temperature control		
does not operate		
- AFT CAB	216 050 00	21-61 TASK 863
- CONT CAB	216 040 00	21-61 TASK 861
- FWD CAB	216 060 00	21-61 TASK 864
Temperature control		
cannot cool cabins, all temperature selectors set to full cold	216 510 00	21-62 TASK 849
Temperature indication not correct		
- air temperature selector at AFT SUPPLY DUCT	216 170 00	21-61 TASK 860
- air temperature selector at AFT ZONE CABIN	216 120 00	21-61 TASK 857
- air temperature selector at CONT CAB SUPPLY		
DUCT	216 140 00	21-61 TASK 858
- air temperature selector at FWD SUPPLY DUCT	216 180 00	21-61 TASK 859
- air temperature selector at FWD ZONE CABIN	216 130 00	21-61 TASK 856
Trim air valve does not operate	216 310 00	21-62 TASK 838
ZONE TEMP light		
Comes on unexpectedly during master caution recall	216 224 00	21-62 TASK 848
light on, cannot reset		
- aft cabin	216 202 00	21-62 TASK 841
- control cabin	216 212 00	21-62 TASK 839
- forward cabin	216 222 00	21-62 TASK 840
light on, comes on again after reset		
- aft cabin	216 203 00	21-62 TASK 847
- control cabin	216 213 00	21-62 TASK 845
- forward cabin	216 223 00	21-62 TASK 846
light on, stays off after reset		
- aft cabin	216 201 00	21-62 TASK 844
- control cabin	216 211 00	21-62 TASK 842
- forward cabin	216 221 00	21-62 TASK 843
22-1 AUTOFLIGHT - AUTOPILOT/FLIGHT DIRECTOR		
Autopilot		
A and B disengage automatically while in dual mode	221 140 00	22-11 TASK 801

AKS ALL

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FAULT DESCRIPTION 22-1 AUTOFLIGHT - AUTOPILOT/FLIGHT DIRECTOR (conti	FAULT CODE nued)	GO TO FIM TASK
A/P amber warning annunciator light on flashing, autopilot went to CWS mode	221 020 00	22-11 TASK 801
A/P red warning annunciator light on steady	221 010 00	22-11 TASK 801
Airplane does not align correctly with runway during approach	221 960 00	22-11 TASK 825
Airplane does not flare correctly during multi-channel approach, FLARE shows normal on the flight mode annunciator	221 750 00	22-11 TASK 801
 Airplane does not go to set altitude with V/S, LVL CHG, or VNAV pitch mode set 		
- CMD A engaged	221 330 00	22-11 TASK 801
- CMD A or CMD B engaged	221 350 00	22-11 TASK 801
- CMD B engaged	221 340 00	22-11 TASK 801
 Airplane does not go to the set heading or keep the set heading with HDG SEL roll mode set 		
- CMD A engaged	221 370 00	22-11 TASK 801
- CMD A or CMD B engaged	221 390 00	22-11 TASK 801
- CMD B engaged	221 380 00	22-11 TASK 801
 Airplane does not go to the set vertical speed with V/S pitch mode set 		
- CMD A engaged	221 520 00	22-11 TASK 801
- CMD A or CMD B engaged	221 540 00	22-11 TASK 801
- CMD B engaged	221 530 00	22-11 TASK 801
 Airplane does not keep the same altitude with ALT HLD pitch mode set 		
- CMD A engaged	221 490 00	22-11 TASK 801
- CMD A or CMD B engaged	221 510 00	22-11 TASK 801
- CMD B engaged	221 500 00	22-11 TASK 801
 Airplane does not keep the set airspeed with MCP SPD (LVL CHG) pitch mode set 		
- CMD A engaged	221 430 00	22-11 TASK 801
- CMD A or CMD B engaged	221 450 00	22-11 TASK 801
- CMD B engaged	221 440 00	22-11 TASK 801

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FAULT DESCRIPTION 22-1 AUTOFLIGHT - AUTOPILOT/FLIGHT DIRECTOR (conf	FAULT CODE	GO TO FIM TASK
 Airplane does not keep the set course with VOR roll mode set 		
- CMD A engaged	221 460 00	22-11 TASK 801
- CMD A or CMD B engaged	221 480 00	22-11 TASK 801
- CMD B engaged	221 470 00	22-11 TASK 801
Airplane does not keep the set heading		
- CWS A engaged	221 400 00	22-11 TASK 801
- CWS A or CWS B engaged	221 420 00	22-11 TASK 801
- CWS B engaged	221 410 00	22-11 TASK 801
Airplane has pitch oscillation (porpoises) during multi-channel approach	221 310 00	22-16 TASK 801
Airplane has pitch oscillation (porpoises) with any A/P engaged in CMD	221 320 00	22-16 TASK 801
Airplane roll is not smooth (jerky) with any A/P engaged in CMD	221 760 00	22-11 TASK 801
• control columns move when the autopilot engages	221 940 00	22-16 TASK 802
Control wheels move when the autopilot engages	221 950 00	22-16 TASK 803
disengages automatically		
- CMD A engaged	221 080 00	22-11 TASK 801
- CMD A or CMD B engaged	221 100 00	22-11 TASK 801
- CMD B engaged	221 090 00	22-11 TASK 801
- CWS A engaged	221 110 00	22-11 TASK 801
- CWS A or CWS B engaged	221 130 00	22-11 TASK 801
- CWS B engaged	221 120 00	22-11 TASK 801
Does not disengage when CMD switch is pushed to off		
- CMD A engaged	221 570 00	22-11 TASK 803
- CMD A or CMD B engaged	221 590 00	22-11 TASK 803
- CMD B engaged	221 580 00	22-11 TASK 803
Does not disengage when CWS switch is pushed to off		
- CWS A engaged	221 600 00	22-11 TASK 803
- CWS A or CWS B engaged	221 620 00	22-11 TASK 803
- CWS B engaged	221 610 00	22-11 TASK 803

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FAULT DESCRIPTION 22-1 AUTOFLIGHT - AUTOPILOT/FLIGHT DIRECTOR (cont	FAULT CODE inued)	GO TO FIM TASK
Does not disengage when disengage switch is pushed		
- captain's control column	221 550 31	22-13 TASK 809
- first officer's control column	221 550 32	22-13 TASK 809
- mode control panel	221 560 00	22-11 TASK 803
Does not engage in dual mode, CMD A engages, CMD B does not engage, FLARE pitch mode does not show on the flight mode annunciator	221 690 00	22-11 TASK 801
Does not engage in dual mode, CMD B engages, CMD A does not engage, FLARE pitch mode does not show on the flight mode annunciator	221 700 00	22-11 TASK 801
 Does not engage when CMD switch is pushed, switch lights do not come on and CMD status does not show on the flight mode annunciator 		
- CMD A	221 630 00	22-11 TASK 801
- CMD A or CMD B	221 650 00	22-11 TASK 801
- CMD B	221 640 00	22-11 TASK 801
 Does not engage when CWS switch is pushed, switch lights do not come on, CWS P and CWS R status do not show on the flight mode annunciator 		
- CWS A	221 660 00	22-11 TASK 801
- CWS A or CWS B	221 680 00	22-11 TASK 801
- CWS B	221 670 00	22-11 TASK 801
does not keep pitch attitude		
- CWS A engaged	221 250 00	22-11 TASK 801
- CWS A or CWS B engaged	221 270 00	22-11 TASK 801
- CWS B engaged	221 260 00	22-11 TASK 801
does not keep roll attitude		
- CWS A engaged	221 280 00	22-11 TASK 801
- CWS A or CWS B engaged	221 300 00	22-11 TASK 801
- CWS B engaged	221 290 00	22-11 TASK 801
goes less than the normal bank angle with any A/P engaged in CMD	221 740 00	22-11 TASK 801
 goes more than the set bank angle limit in HDG SEL or VOR 		
- CMD A engaged	221 710 00	22-11 TASK 801
- CMD A or CMD B engaged	221 730 00	22-11 TASK 801
- CMD B engaged	221 720 00	22-11 TASK 801

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FAULT DESCRIPTION 22-1 AUTOFLIGHT - AUTOPILOT/FLIGHT DIRECTOR (conf	FAULT CODE tinued)	GO TO FIM TASK
NLND3 LCH shows in DFCS BITE FAULT HISTORY	221 203 00	22-11 TASK 801
NO ALND LCH shows in DFCS BITE FAULT HISTORY .	221 204 00	22-11 TASK 801
NO AUTOLAND shows on the engine display	221 201 00	22-11 TASK 801
NO LAND 3 shows on the engine display	221 202 00	22-11 TASK 801
• P MODE FAIL shows in DFCS BITE FAULT HISTORY	221 205 00	22-11 TASK 801
 pitch or roll mode does not engage or disengages automatically, autopilot went to CWS mode 		
- CMD A engaged	221 220 00	22-11 TASK 801
- CMD A or CMD B engaged	221 240 00	22-11 TASK 801
- CMD B engaged	221 230 00	22-11 TASK 801
• R MODE FAIL shows in DFCS BITE FAULT HISTORY	221 206 00	22-11 TASK 801
SPDTRM LCH shows in DFCS BITE FAULT HISTORY .	221 207 00	22-11 TASK 801
Status does not show on the flight mode annunciator, switch lights are on	221 180 00	22-11 TASK 801
 TO/GA pitch mode does not show on the flight mode annunciator for go-around when TO/GA switch is pushed and F/D on 		
- captain's	221 200 31	22-11 TASK 801
- captain's and first officer's	221 200 48	22-11 TASK 801
- first officer's	221 200 32	22-11 TASK 801
Flight director		
bars are biased out of view after TOGA button is pushed		
- captain's	221 165 31	22-11 TASK 829
- first officer's	221 165 32	22-11 TASK 829
 Display does not move correctly to guide the airplane to the set altitude 		
- captain's	221 360 31	22-11 TASK 801
- captain's and first officer's	221 360 48	22-11 TASK 801
- first officer's	221 360 32	22-11 TASK 801
 does not operate, FD status does not show on the flight mode annunciator, autopilot not on 		
- captain's	221 160 31	22-11 TASK 801
- captain's and first officer's	221 160 48	22-11 TASK 801
- first officer's	221 160 32	22-11 TASK 801

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FAULT DESCRIPTION 22-1 AUTOFLIGHT - AUTOPILOT/FLIGHT DIRECTOR (cont	FAULT CODE inued)	GO TO FIM TASK
FD flag shows on flight director display		
- captain's	221 170 31	22-11 TASK 801
- captain's and first officer's	221 170 48	22-11 TASK 801
- first officer's	221 170 32	22-11 TASK 801
 FD status does not show on the flight mode annunciator with F/D on 		
- captain's	221 150 31	22-11 TASK 801
- captain's and first officer's	221 150 48	22-11 TASK 801
- first officer's	221 150 32	22-11 TASK 801
 pitch or roll mode does not engage or disengages automatically, flight command display goes out of view 		
- captain's	221 210 31	22-11 TASK 801
- captain's and first officer's	221 210 48	22-11 TASK 801
- first officer's	221 210 32	22-11 TASK 801
 TO/GA pitch mode does not show on the flight mode annunciator for takeoff when TO/GA switch is pushed and F/D on 		
- captain's	221 190 31	22-11 TASK 801
- captain's and first officer's	221 190 48	22-11 TASK 801
- first officer's	221 190 32	22-11 TASK 801
MACH TRIM FAIL light		
• light on	221 030 00	22-11 TASK 801
• light on when MASTER CAUTION switch is pushed	221 040 00	22-11 TASK 801
Mode control panel		
ALTITUDE window display does not change with altitude selector switch change	221 770 00	22-11 TASK 803
ALTITUDE window display does not show	221 780 00	22-11 TASK 803
 COURSE window display does not change with course selector switch change 		
- captain's	221 790 31	22-11 TASK 803
- first officer's	221 790 32	22-11 TASK 803
COURSE window display does not show		
- captain's	221 800 31	22-11 TASK 803
- first officer's	221 800 32	22-11 TASK 803

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FAULT DESCRIPTION 22-1 AUTOFLIGHT - AUTOPILOT/FLIGHT DIRECTOR (con	FAULT CODE stinued)	GO TO FIM TASK
HEADING window display does not change with heading selector switch change	221 810 00	22-11 TASK 803
HEADING window display does not show	221 820 00	22-11 TASK 803
IAS/MACH window display does not change with selector switch change	221 890 00	22-11 TASK 803
IAS/MACH window display does not show	221 900 00	22-11 TASK 803
lower switch light does not come on for all mode switches	221 860 00	22-11 TASK 803
one of the switch lights does not come on for one mode switch	221 870 00	22-11 TASK 803
upper switch light does not come on for all mode switches	221 880 00	22-11 TASK 803
VERT SPEED window display does not change with vertical speed selector change	221 830 00	22-11 TASK 803
VERT SPEED window display does not show	221 840 00	22-11 TASK 803
SPEED TRIM FAIL light		
• light on	221 050 00	22-11 TASK 801
SPEED TRIM FAIL light on		
• light on when MASTER CAUTION switch is pushed	221 060 00	22-11 TASK 801
STAB OUT OF TRIM light		
• light on	221 070 00	22-11 TASK 801
Stabilizer trim		
unscheduled nose up		
- autopilot engaged in CMD A	221 910 00	22-11 TASK 801
- autopilot engaged in CMD A or CMD B	221 930 00	22-11 TASK 801
- autopilot engaged in CMD B	221 920 00	22-11 TASK 801
22-2 AUTOFLIGHT - SPEED - ATTITUDE CORRECTION		
Yaw damper		
 disengaged automatically, YAW DAMPER light came 		
on	222 030 00	27-32 TASK 801
operation not normal	222 020 00	27-32 TASK 801
YAW DAMPER light		
Does not go off with YAW DAMPER switch at ON	222 010 00	27-32 TASK 801

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FAULT DESCRIPTION 22-3 AUTOFLIGHT - AUTOTHROTTLE	FAULT CODE	GO TO FIM TASK
A/T LIMIT indication shows on autothrottle thrust mode		
display	223 220 00	22-32 TASK 815
Autothrottle		
A/T amber warning annunciator light on flashing	223 120 00	22-32 TASK 801
disengages automatically	223 130 00	22-32 TASK 806
does not arm, ARM light does not come on, ARM does not show on the flight mode annunciator	223 170 00	22-32 TASK 810
does not automatically disengage after touchdown	223 110 00	22-32 TASK 806
Does not disengage when disengage switch is pushed		
- engine 1 thrust lever	223 140 51	22-32 TASK 805
- engine 2 thrust lever	223 140 52	22-32 TASK 805
Does not disengage when thrust levers are split	223 190 00	22-32 TASK 811
 Does not go to full rated N1 when TO/GA switch is pushed a second time during go-around 		
- engine 1	223 070 51	22-32 TASK 804
- engine 1 and engine 2	223 070 48	22-32 TASK 804
- engine 2	223 070 52	22-32 TASK 804
 Does not go to reduced N1 when TO/GA switch is pushed one time during go-around 		
- engine 1	223 080 51	22-32 TASK 804
- engine 1 and engine 2	223 080 48	22-32 TASK 804
- engine 2	223 080 52	22-32 TASK 804
 does not keep N1 limit in N1 mode 		
- engine 1	223 020 51	22-32 TASK 801
- engine 1 and engine 2	223 020 48	22-32 TASK 801
- engine 2	223 020 52	22-32 TASK 801
 does not keep set speed in SPEED mode 		
- engine 1	223 030 51	22-32 TASK 801
- engine 1 and engine 2	223 030 48	22-32 TASK 801
- engine 2	223 030 52	22-32 TASK 801
 engine N1 speed fluctuates, engine N1 speed is normal with autothrottle OFF 		
- engine 1	223 040 51	22-32 TASK 801
- engine 1 and engine 2	223 040 48	22-32 TASK 801
- engine 2	223 040 52	22-32 TASK 801

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FAULT DESCRIPTION 22-3 AUTOFLIGHT - AUTOTHROTTLE (continued)	FAULT CODE	GO TO FIM TASK
• mode does not change when mode switch is pushed	223 200 00	22-32 TASK 809
overcontrols with A/T mode engaged	223 150 00	22-32 TASK 808
 selected target speed bug problem on the mach airspeed indicator 		
- captain's	223 010 31	22-32 TASK 803
- first officer's	223 010 32	22-32 TASK 803
SStatus does not show on flight mode annunciator	223 050 00	22-32 TASK 807
Status mode does not change automatically	223 090 00	22-32 TASK 807
Thrust lever does not move back in RETARD mode		
- engine 1	223 100 51	22-32 TASK 802
- engine 1 and engine 2	223 100 48	22-32 TASK 802
- engine 2	223 100 52	22-32 TASK 802
 Thrust lever does not move forward when TO/GA switch is pushed 		
- engine 1	223 060 51	22-32 TASK 804
- engine 1 and engine 2	223 060 48	22-32 TASK 804
- engine 2	223 060 52	22-32 TASK 804
Thrust lever problem		
- engine 1	223 160 51	22-32 TASK 808
- engine 1 and engine 2	223 160 48	22-32 TASK 808
- engine 2	223 160 52	22-32 TASK 808
thrust levers are split, OK with autothrottle disengaged .	223 180 00	22-32 TASK 811
23-1 COMMUNICATIONS - SPEECH COMMUNICATIONS		
HF 1 radio		
• reception and transmission problem at all stations	231 060 48	23-11 TASK 806
 reception and transmission problem at one station 		
- captain's	231 060 31	23-11 TASK 806
- first observer's	231 060 33	23-11 TASK 806
- first officer's	231 060 32	23-11 TASK 806
reception problem at all stations	231 070 48	23-11 TASK 806
reception problem at one station		
- captain's	231 070 31	23-11 TASK 806
- first observer's	231 070 33	23-11 TASK 806
- first officer's	231 070 32	23-11 TASK 806

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FAULT DESCRIPTION 23-1 COMMUNICATIONS - SPEECH COMMUNICATIONS (c	FAULT CODE ontinued)	GO TO FIM TASK
Transmission problem at all stations	231 080 48	23-11 TASK 806
Transmission problem at one station		
- captain's	231 080 31	23-11 TASK 806
- first observer's	231 080 33	23-11 TASK 806
- first officer's	231 080 32	23-11 TASK 806
HF 2 radio		
• reception and transmission problem at all stations	231 180 48	23-11 TASK 806
 reception and transmission problem at one station 		
- captain's	231 180 31	23-11 TASK 806
- first observer's	231 180 33	23-11 TASK 806
- first officer's	231 180 32	23-11 TASK 806
reception problem at all stations	231 190 48	23-11 TASK 806
reception problem at one station		
- captain's	231 190 31	23-11 TASK 806
- first observer's	231 190 33	23-11 TASK 806
- first officer's	231 190 32	23-11 TASK 806
Transmission problem at all stations	231 200 48	23-11 TASK 806
Transmission problem at one station		
- captain's	231 200 31	23-11 TASK 806
- first observer's	231 200 33	23-11 TASK 806
- first officer's	231 200 32	23-11 TASK 806
Radio tuning panel problem		
- captain's	231 300 31	23-12 TASK 815
- first observer's	231 300 33	23-12 TASK 815
- first officer's	231 300 32	23-12 TASK 815
VHF 1 radio		
• reception and transmission problem at all stations	231 310 48	23-12 TASK 816
 reception and transmission problem at one station 		
- captain's	231 310 31	23-12 TASK 816
- first observer's	231 310 33	23-12 TASK 816
- first officer's	231 310 32	23-12 TASK 816
reception problem at all stations	231 320 48	23-12 TASK 816

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FAULT DESCRIPTION 23-1 COMMUNICATIONS - SPEECH COMMUNICATIONS (c	FAULT CODE ontinued)	GO TO FIM TASK
 reception problem at one station 		
- captain's	231 320 31	23-12 TASK 816
- first observer's	231 320 33	23-12 TASK 816
- first officer's	231 320 32	23-12 TASK 816
Transmission problem at all stations	231 330 48	23-12 TASK 816
Transmission problem at one station		
- captain's	231 330 31	23-12 TASK 816
- first observer's	231 330 33	23-12 TASK 816
- first officer's	231 330 32	23-12 TASK 816
VHF 2 radio		
• reception and transmission problem at all stations	231 430 48	23-12 TASK 816
 reception and transmission problem at one station 		
- captain's	231 430 31	23-12 TASK 816
- first observer's	231 430 33	23-12 TASK 816
- first officer's	231 430 32	23-12 TASK 816
reception problem at all stations	231 440 48	23-12 TASK 816
reception problem at one station		
- captain's	231 440 31	23-12 TASK 816
- first observer's	231 440 33	23-12 TASK 816
- first officer's	231 440 32	23-12 TASK 816
Transmission problem at all stations	231 450 48	23-12 TASK 816
Transmission problem at one station		
- captain's	231 450 31	23-12 TASK 816
- first observer's	231 450 33	23-12 TASK 816
- first officer's	231 450 32	23-12 TASK 816
VHF 3 radio		
• reception and transmission problem at all stations	231 550 48	23-12 TASK 816
 reception and transmission problem at one station 		
- captain's	231 550 31	23-12 TASK 816
- first observer's	231 550 33	23-12 TASK 816
- first officer's	231 550 32	23-12 TASK 816
reception problem at all stations	231 560 48	23-12 TASK 816

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FAULT DESCRIPTION 23-1 COMMUNICATIONS - SPEECH COMMUNICATIONS (FAULT CODE continued)	GO TO FIM TASK
 reception problem at one station 		
- captain's	231 560 31	23-12 TASK 816
- first observer's	231 560 33	23-12 TASK 816
- first officer's	231 560 32	23-12 TASK 816
Transmission problem at all stations	231 570 48	23-12 TASK 816
Transmission problem at one station		
- captain's	231 570 31	23-12 TASK 816
- first observer's	231 570 33	23-12 TASK 816
- first officer's	231 570 32	23-12 TASK 816
23-2 COMMUNICATIONS - DATA TRANSMISSION AND AU	TOMATIC CALLING	
ACARS		
does not operate correctly	232 310 00	23-27 TASK 801
Out-Off-On-In (OOOI) value not correct	232 314 00	23-27 TASK 807
Emergency Locator Transmitter (ELT)		
ELT light is on	232 411 00	23-24 TASK 807
 no ELT signal on VHF when ELT switch set to ON during 		
test	232 410 00	23-24 TASK 801
SELCAL		
call light does not come on for calls on HF 1	232 080 00	23-28 TASK 802
call light does not come on for calls on HF 2	232 090 00	23-28 TASK 802
call light does not come on for calls on VHF 1	232 100 00	23-28 TASK 802
• call light does not come on for calls on VHF 2	232 110 00	23-28 TASK 802
• call light does not come on for calls on VHF 3	232 120 00	23-28 TASK 802
Call switch does not reset for HF 1, PTT reset OK	232 020 00	23-28 TASK 801
Call switch does not reset for HF 2, PTT reset OK	232 030 00	23-28 TASK 801
Call switch does not reset for VHF 1, PTT reset OK	232 040 00	23-28 TASK 801
Call switch does not reset for VHF 2, PTT reset OK	232 050 00	23-28 TASK 801
Call switch does not reset for VHF 3, PTT reset OK	232 060 00	23-28 TASK 801
Chime does not operate for calls on HF 1, SELCAL call		
light comes on	232 140 00	23-28 TASK 803
Chime does not operate for calls on HF 2, SELCAL call	000 450 00	00.00.71.01/.005
light comes on	232 150 00	23-28 TASK 803

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FAULT DESCRIPTION 23-2 COMMUNICATIONS - DATA TRANSMISSION AND AU	FAULT CODE JTOMATIC CALLING	GO TO FIM TASK (continued)
Chime does not operate for calls on VHF 1, SELCAL call light comes on	232 160 00	23-28 TASK 803
Chime does not operate for calls on VHF 2, SELCAL call light comes on	232 170 00	23-28 TASK 803
Chime does not operate for calls on VHF 3, SELCAL call light comes on	232 180 00	23-28 TASK 803
does not operate for any radio	232 250 00	23-28 TASK 804
does not operate for HF 1	232 200 00	23-28 TASK 804
does not operate for HF 2	232 210 00	23-28 TASK 804
does not operate for VHF 1	232 220 00	23-28 TASK 804
does not operate for VHF 2	232 230 00	23-28 TASK 804
does not operate for VHF 3	232 240 00	23-28 TASK 804
23-3 COMMUNICATIONS - PASSENGER ADDRESS AND I	ENTERTAINMENT	
Passenger address system		
- distorted from flight compartment	233 020 00	23-31 TASK 801
- does not operate from flight compartment	233 010 00	23-31 TASK 801
- intermittent from flight compartment	233 030 00	23-31 TASK 801
- volume problem from flight compartment	233 040 00	23-31 TASK 802
23-4 COMMUNICATIONS - INTERPHONE		
Attendant control panel		
amber light on ACP switch assembly does not come on during operational test	234 811 00	23-42 TASK 841
Call horn		
does not sound	234 340 00	23-43 TASK 801
operates continuously	234 350 00	23-43 TASK 802
Call system		
call light does not come on, attendant to flight compartment	234 380 00	23-42 TASK 806
call light does not come on, ground crew to flight compartment	234 370 00	23-43 TASK 804
Chime does not sound in the flight compartment	234 390 00	23-42 TASK 804
does not operate, flight compartment to attendant	234 400 00	23-42 TASK 802
• does not operate, ground crew to flight compartment	234 360 00	23-43 TASK 803

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FAULT DESCRIPTION 23-4 COMMUNICATIONS - INTERPHONE (continued)	FAULT CODE	GO TO FIM TASK
Service interphone		
distorted		
- all jacks	234 030 48	23-41 TASK 803
- jack adjacent to APU	234 120 00	23-41 TASK 802
- jack at aft entry light panel	234 150 00	23-41 TASK 802
- jack at EE rack	234 070 00	23-41 TASK 802
- jack at external power receptacle panel	234 190 00	23-41 TASK 802
- jack at left wheel well	234 230 00	23-41 TASK 802
- jack at right wheel well	234 270 00	23-41 TASK 802
- jack at right wing refueling slat	234 310 00	23-41 TASK 802
- jack in the electronic equipment bay	234 430 00	23-41 TASK 802
does not connect to flight interphone	234 010 00	23-41 TASK 801
does not operate		
- all jacks	234 020 48	23-41 TASK 801
- jack adjacent to APU	234 100 00	23-41 TASK 802
- jack at aft entry light panel	234 140 00	23-41 TASK 802
- jack at EE rack	234 060 00	23-41 TASK 802
- jack at external power receptacle panel	234 180 00	23-41 TASK 802
- jack at left wheel well	234 220 00	23-41 TASK 802
- jack at right wheel well	234 260 00	23-41 TASK 802
- jack at right wing refueling slat	234 300 00	23-41 TASK 802
- jack in the electronic equipment bay	234 410 00	23-41 TASK 802
intermittent		
- all jacks	234 040 48	23-41 TASK 803
- jack adjacent to APU	234 110 00	23-41 TASK 802
- jack at aft entry light panel	234 160 00	23-41 TASK 802
- jack at EE rack	234 080 00	23-41 TASK 802
- jack at external power receptacle panel	234 200 00	23-41 TASK 802
- jack at left wheel well	234 240 00	23-41 TASK 802
- jack at right wheel well	234 280 00	23-41 TASK 802
- jack at right wing refueling slat	234 320 00	23-41 TASK 802
- jack in the electronic equipment bay	234 420 00	23-41 TASK 802

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FAULT DESCRIPTION 23-4 COMMUNICATIONS - INTERPHONE (continued)	FAULT CODE	GO TO FIM TASK
volume problem		
- all jacks	234 050 48	23-41 TASK 803
- jack adjacent to APU	234 130 00	23-41 TASK 802
- jack at aft entry light panel	234 170 00	23-41 TASK 802
- jack at EE rack	234 090 00	23-41 TASK 802
- jack at external power receptacle panel	234 210 00	23-41 TASK 802
- jack at left wheel well	234 250 00	23-41 TASK 802
- jack at right wheel well	234 290 00	23-41 TASK 802
- jack at right wing refueling slat	234 330 00	23-41 TASK 802
- jack in the electronic equipment bay	234 440 00	23-41 TASK 802
23-5 COMMUNICATIONS - AUDIO INTEGRATION		
Audio control panel indicator light problem		
- captain's	235 101 31	23-51 TASK 807
- first observer's	235 101 33	23-51 TASK 807
- first officer's	235 101 32	23-51 TASK 807
Audio control panel selector switch problem		
- captain's	235 103 31	23-51 TASK 807
- first observer's	235 103 33	23-51 TASK 807
- first officer's	235 103 32	23-51 TASK 807
Audio control panel volume control problem		
- captain's	235 102 31	23-51 TASK 807
- first observer's	235 102 33	23-51 TASK 807
- first officer's	235 102 32	23-51 TASK 807
Boom microphone/headset		
damaged		
- captain's	235 020 31	23-51 TASK 802
- first officer's	235 020 32	23-51 TASK 802
does not operate		
- captain's	235 010 31	23-51 TASK 801
- first officer's	235 010 32	23-51 TASK 801

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FAULT DESCRIPTION 23-5 COMMUNICATIONS - AUDIO INTEGRATION (continued)	FAULT CODE	GO TO FIM TASK
Flight interphone		
does not operate		
- all stations	235 030 48	23-51 TASK 803
- captain's	235 030 31	23-51 TASK 804
- first observer's	235 030 33	23-51 TASK 804
- first officer's	235 030 32	23-51 TASK 804
Hand microphone		
damaged		
- captain's	235 060 31	23-51 TASK 802
- first observer's	235 060 33	23-51 TASK 802
- first officer's	235 060 32	23-51 TASK 802
does not operate		
- captain's	235 050 31	23-51 TASK 801
- first observer's	235 050 33	23-51 TASK 801
- first officer's	235 050 32	23-51 TASK 801
Headphone		
damaged		
- captain's	235 070 31	23-51 TASK 802
- first observer's	235 070 33	23-51 TASK 802
- first officer's	235 070 32	23-51 TASK 802
- second observer's	235 070 34	23-51 TASK 802
does not operate		
- captain's	235 040 31	23-51 TASK 801
- first observer's	235 040 33	23-51 TASK 801
- first officer's	235 040 32	23-51 TASK 801
- second observer's	235 040 34	23-51 TASK 801
Speaker in the flight compartment		
does not operate		
- captain's	235 080 31	23-51 TASK 805
- first officer's	235 080 32	23-51 TASK 806
23-7 COMMUNICATIONS - AUDIO AND VIDEO MONITORING		
Voice recorder		
Signal problem at monitor jack	237 010 00	23-71 TASK 801

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FAULT DESCRIPTION 23-7 COMMUNICATIONS - AUDIO AND VIDEO MONITORING	FAULT CODE (continued)	GO TO FIM TASK
STATUS light or TEST light does not come on when TEST switch is pushed.	227 020 00	22 74 TASK 904
TEST switch is pushed	237 020 00	23-71 TASK 804
24-1 ELECTRICAL POWER - GENERATOR DRIVE		
AC Generator Drive System		
DRIVE Light is illuminated		
- GEN-1	241 010 01	24-11 TASK 801
- GEN-2	241 010 02	24-11 TASK 802
DRIVE Light is not illuminated		
- GEN-1	241 012 01	24-11 TASK 804
- GEN-2	241 012 02	24-11 TASK 805
Red DPI Button is extended		
- GEN-1	241 011 01	24-11 TASK 803
- GEN-2	241 011 02	24-11 TASK 803
24-2 ELECTRICAL POWER - AC GENERATION		
APU GEN OFF BUS light		
light on with APU generator on line	242 050 00	24-21 TASK 801
Generator SOURCE OFF light		
light comes on but no fault light on GCU is on		
- GEN 1 SOURCE OFF light	242 080 01	24-21 TASK 821
- GEN 2 SOURCE OFF light	242 080 02	24-21 TASK 821
IDG differential pressure indicator		
extended		
- left	242 121 41	24-11 TASK 803
- right	242 121 42	24-11 TASK 803
SOURCE OFF and GEN OFF BUS lights		
· ·		
lights on with IDG 1 and IDG 2 on lineno. 1	242.040.04	04 04 TACK 004
- no. 1	242 040 01	24-21 TASK 801
	242 040 02	24-21 TASK 801
TRANSFER BUS OFF and SOURCE OFF lights		
 lights on with the APU generator on line 		
- no. 1	242 060 01	24-21 TASK 801
- no. 2	242 060 02	24-21 TASK 801

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FAULT DESCRIPTION 24-2 ELECTRICAL POWER - AC GENERATION (continued)	FAULT CODE	GO TO FIM TASK
TRANSFER BUS OFF light		
flickers with IDG on line		
- generator 1	242 070 01	24-21 TASK 818
- generator 2	242 070 02	24-21 TASK 819
24-3 ELECTRICAL POWER - DC GENERATION		
AC and DC metering panel		
has missing segments	243 030 00	24-31 TASK 827
Battery charger		
CHARGER light flashes		
- auxiliary battery charger	243 132 00	24-31 TASK 835
- main battery charger	243 131 00	24-31 TASK 834
BATTERY DISCHARGE light		
comes on during flight	243 121 00	24-31 TASK 833
ELEC light		
• light on	243 050 00	24-31 TASK 801
STANDBY PWR OFF light		
 light on with AC power supplied and STANDBY POWER switch at AUTO or BAT	243 010 00	24-34 TASK 803
 light on with BAT switch at ON and STANDBY POWER switch at AUTO or BAT	243 020 00	24-34 TASK 803
TR UNIT light		
• light on	243 040 00	24-31 TASK 826
24-4 ELECTRICAL POWER - EXTERNAL POWER		
TRANSFER BUS OFF and SOURCE OFF lights		
 lights on with GRD PWR switch at ON 		
- no. 1	244 010 01	24-41 TASK 801
- no. 1 and no. 2	244 010 48	24-41 TASK 801
- no. 2	244 010 02	24-41 TASK 801
25-1 EQUIPMENT/FURNISHINGS - FLIGHT COMPARTMENT	_	
Assist handle problem		
- captain's	251 100 31	25-99 TASK 801
- first officer's	251 100 32	25-99 TASK 801

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FAULT DESCRIPTION 25-1 EQUIPMENT/FURNISHINGS - FLIGHT COMPARTMENT	FAULT CODE (continued)	GO TO FIM TASK
Chart holder, sidewall problem		
- captain's	251 130 31	25-99 TASK 801
- first officer's	251 130 32	25-99 TASK 801
Cup holder problem		
- captain's	251 140 31	25-99 TASK 801
- first officer's	251 140 32	25-99 TASK 801
PC power system for flight deck		
Status LED at outlet does not operate normally		
- captain's	251 681 31	23-82 TASK 801
- first officer's	251 681 32	23-82 TASK 801
Seat		
horizontal adjustment problem		
- captain's	251 020 31	25-99 TASK 801
- first officer's	251 020 32	25-99 TASK 801
lumbar adjustment problem		
- captain's	251 030 31	25-99 TASK 801
- first officer's	251 030 32	25-99 TASK 801
recline adjustment problem		
- captain's	251 040 31	25-99 TASK 801
- first officer's	251 040 32	25-99 TASK 801
vertical adjustment problem		
- captain's	251 050 31	25-99 TASK 801
- first officer's	251 050 32	25-99 TASK 801
Seat arm rest problem		
- captain's	251 060 31	25-99 TASK 801
- first officer's	251 060 32	25-99 TASK 801
Seat belt problem		
- captain's	251 070 31	25-99 TASK 801
- first observer's	251 070 33	25-99 TASK 801
- first officer's	251 070 32	25-99 TASK 801
- second observer's	251 070 34	25-99 TASK 801

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FAULT DESCRIPTION 25-1 EQUIPMENT/FURNISHINGS - FLIGHT COMPARTMEN	FAULT CODE (continued)	GO TO FIM TASK
Seat track		
does not move freely		
- captain's	251 080 31	25-99 TASK 801
- first officer's	251 080 32	25-99 TASK 801
Shoulder harness		
Does not extend or retract		
- captain's	251 090 31	25-99 TASK 801
- first observer's	251 090 33	25-99 TASK 801
- first officer's	251 090 32	25-99 TASK 801
Spare bulb kit		
• needs replenishing	251 110 00	25-99 TASK 801
Sun visor problem		
- captain's	251 120 31	25-99 TASK 801
- first officer's	251 120 32	25-99 TASK 801
25-2 EQUIPMENT/FURNISHINGS - PASSENGER COMPART	MENT	
Passenger Compartments		
Boeing Sky Interior (BSI) Overhead Space Bin makes		
excessive noise	252 404 00	25-24 TASK 802
Boeing Sky Interior (BSI) Overhead Space Bin rattles	252 405 00	25-24 TASK 802
Overhead Stowage Bin does not close correctly	252 401 00	25-24 TASK 801
Overhead Stowage Bin does not open correctly	252 402 00	25-24 TASK 801
Overhead Stowage Bin is out of adjustment	252 403 00	25-24 TASK 801
25-6 EQUIPMENT/FURNISHINGS - EMERGENCY		
Circuit breaker collars (spare)		
• missing	256 201 00	25-99 TASK 801
Crash ax		
• missing	256 020 00	25-99 TASK 801
Escape rope (lanyard)		
damaged		
- captain's	256 130 31	25-61 TASK 802
- first officer's	256 130 32	25-61 TASK 802
• damaged - captain's		

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FAULT DESCRIPTION 25-6 EQUIPMENT/FURNISHINGS - EMERGENCY (continu	FAULT CODE ed)	GO TO FIM TASK
• unstowed		
- captain's	256 140 31	25-61 TASK 803
- first officer's	256 140 32	25-61 TASK 803
Escape rope (lanyard) compartment cover		
will not close		
- captain's	256 120 31	25-61 TASK 801
- first officer's	256 120 32	25-61 TASK 801
Fireproof gloves		
• damaged	256 015 00	25-99 TASK 801
• missing	256 010 00	25-99 TASK 801
Flashlight		
Battery low	256 070 00	25-99 TASK 801
• damaged	256 080 00	25-99 TASK 801
does not come on	256 090 00	33-55 TASK 801
Does not go off	256 091 00	33-55 TASK 801
• missing	256 100 00	25-99 TASK 801
Flashlight LED		
does not come on	256 110 00	33-55 TASK 801
Life vest		
missing/damaged		
- captain's	256 050 31	25-99 TASK 801
- first observer's	256 050 33	25-99 TASK 801
- first officer's	256 050 32	25-99 TASK 801
- second observer's	256 050 34	25-99 TASK 801
Smoke goggles		
• missing		
- captain's	256 060 31	25-99 TASK 801
- first officer's	256 060 32	25-99 TASK 801
26-1 FIRE PROTECTION - FIRE/OVERHEAT DETECTION		
APU		
fire false alarm	261 060 00	26-10 TASK 801

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FAULT DESCRIPTION 26-1 FIRE PROTECTION - FIRE/OVERHEAT DETECTION	FAULT CODE (continued)	GO TO FIM TASK
APU DET INOP light		
• light on	261 050 00	26-10 TASK 801
Cargo fire detection		
AFT cargo fire light on (false alarm)	261 225 45	26-16 TASK 801
FWD cargo fire light on (false alarm)	261 225 44	26-16 TASK 801
MAIN cargo fire light on (false alarm)	261 225 00	26-16 TASK 801
Cargo fire test		
 Test failed, AFT cargo fire light does not come on, DETECTOR FAULT light comes on 		
- DET SELECT switch at A	261 205 45	26-16 TASK 804
- DET SELECT switch at B	261 210 45	26-16 TASK 804
- DET SELECT switch at NORM	261 215 45	26-16 TASK 804
Test failed, AFT cargo fire light does not come on, DETECTOR FAULT light is off	261 200 45	26-16 TASK 806
 Test failed, FWD cargo fire light does not come on, DETECTOR FAULT light comes on 		
- DET SELECT switch at A	261 205 44	26-16 TASK 804
- DET SELECT switch at B	261 210 44	26-16 TASK 804
- DET SELECT switch at NORM	261 215 44	26-16 TASK 804
Test failed, FWD cargo fire light does not come on, DETECTOR FAULT light is off	261 200 44	26-16 TASK 806
Test failed, warning lights and alarm do not operate	261 220 00	26-16 TASK 807
ENG 1 OVERHEAT light		
• light is on	261 011 51	26-10 TASK 811
ENG 2 OVERHEAT light		
• light is on	261 011 52	26-10 TASK 811
Engine fire light		
• light is on		
- engine 1	261 021 51	26-10 TASK 811
- engine 2	261 021 52	26-10 TASK 811
FAULT light for the fire detection system on (P8 control stand)		
- engine 1	261 040 51	26-10 TASK 801
- engine 2	261 040 52	26-10 TASK 801

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FAULT DESCRIPTION 26-1 FIRE PROTECTION - FIRE/OVERHEAT DETECTION	FAULT CODE (continued)	GO TO FIM TASK
OVHT/FIRE TEST		
Test failed, warning lights and alarm do not operate		
- APU	261 070 00	26-10 TASK 801
- engine 1	261 030 51	26-10 TASK 801
- engine 2	261 030 52	26-10 TASK 801
- wheel well	261 100 00	26-18 TASK 801
WHEEL WELL light		
• light on	261 090 00	26-18 TASK 801
WING-BODY OVERHEAT light		
 light does not come on when OVHT/TEST switch is pushed 		
- left	261 120 41	26-18 TASK 801
- left and right	261 120 48	26-18 TASK 801
- right	261 120 42	26-18 TASK 801
• light on	261 110 00	26-18 TASK 801
26-2 FIRE PROTECTION - EXTINGUISHING		
APU BOTTLE DISCHARGED light for the APU fire extinguishing system		
• light on	262 070 00	26-20 TASK 802
APU fire extinguishing		
APU light on fire control panel comes on when not commanded	262 221 00	26-20 TASK 806
Bottle does not release extinguishant automatically, extinguishant releases when manually activated	262 140 00	26-20 TASK 805
Bottle does not release extinguishant when activated at the remote APU fire control panel	262 130 00	26-20 TASK 804
Bottle does not release extinguishant when the fire handle is turned	262 120 00	26-20 TASK 803
indication not normal when the EXT TEST switch is moved to 1 or 2	262 080 00	26-20 TASK 801
Cargo fire extinguishing		
Bottle does not release extinguishant when DISCH switch is pushed	262 200 00	26-23 TASK 803
DISCH light on, DISCH switch not pushed	262 205 00	26-23 TASK 802

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FAULT DESCRIPTION 26-2 FIRE PROTECTION - EXTINGUISHING (continued)	FAULT CODE	GO TO FIM TASK
Cargo fire test		
Test failed, EXT AFT light does not come on	262 210 45	26-23 TASK 812
Test failed, EXT FWD light does not come on	262 210 44	26-23 TASK 812
Engine fire extinguishing		
indication not normal when the EXT TEST switch is moved to 1	262 010 00	26-20 TASK 801
indication not normal when the EXT TEST switch is moved to 2	262 020 00	26-20 TASK 801
left bottle does not release extinguishant when the fire handle is turned	262 030 00	26-20 TASK 803
right bottle does not release extinguishant when the fire handle is turned	262 040 00	26-20 TASK 803
Fire extinguisher, flight compartment		
• missing	262 110 00	26-99 TASK 801
seal broken or missing	262 090 00	26-99 TASK 801
• used	262 100 00	26-99 TASK 801
L BOTTLE DISCHARGED light		
light on for the engine fire extinguishing	262 050 00	26-20 TASK 802
R BOTTLE DISCHARGED light		
light on for the engine fire extinguishing27-0 FLIGHT CONTROLS - GENERAL	262 060 00	26-20 TASK 802
Flight control surface position indication		
missing indication for one or more surfaces	270 081 00	31-63 TASK 825
FLT CONTROL A LOW PRESSURE light	270 001 00	01 00 171011 020
• light on	270 010 00	27-21 TASK 813
FLT CONTROL B LOW PRESSURE light		
• light on	270 020 00	27-21 TASK 814
27-1 FLIGHT CONTROLS - AILERONS AND FLAPERONS		
Aileron		
Does not go back to neutral		
- left	271 060 41	27-11 TASK 803
- left and right	271 060 48	27-11 TASK 802
- right	271 060 42	27-11 TASK 803

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FAULT DESCRIPTION 27-1 FLIGHT CONTROLS - AILERONS AND FLAPERONS	FAULT CODE (continued)	GO TO FIM TASK
does not move to full travel		
- left	271 010 41	27-11 TASK 805
- left and right	271 010 48	27-11 TASK 806
- right	271 010 42	27-11 TASK 805
does not operate		
- left	271 020 41	27-11 TASK 807
- left and right	271 020 48	27-11 TASK 812
- right	271 020 42	27-11 TASK 807
• high trim	271 120 00	27-11 TASK 816
slow response to contol wheel movement, hydraulic		
power on	271 110 00	27-11 TASK 808
Control wheel		
does not move freely		
- captain's	271 030 31	27-11 TASK 813
- first officer's	271 030 32	27-11 TASK 813
does not stay in the center position from one direction		
- captain's	271 100 31	27-11 TASK 810
- captain's and first officer's	271 100 48	27-11 TASK 810
- first officer's	271 100 32	27-11 TASK 810
has too much play		
- captain's	271 040 31	27-11 TASK 801
- captain's and first officer's	271 040 48	27-11 TASK 801
- first officer's	271 040 32	27-11 TASK 801
high force, hydraulic power off		
- captain's	271 080 31	27-11 TASK 809
- captain's and first officer's	271 080 48	27-11 TASK 809
- first officer's	271 080 32	27-11 TASK 809
high force, hydraulic power on		
- captain's	271 070 31	27-11 TASK 804
- captain's and first officer's	271 070 48	27-11 TASK 804
- first officer's	271 070 32	27-11 TASK 804

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FAULT DESCRIPTION 27-1 FLIGHT CONTROLS - AILERONS AND FLAPERONS	FAULT CODE (continued)	GO TO FIM TASK
light force in one or both directions		
- captain's	271 090 31	27-11 TASK 811
- captain's and first officer's	271 090 48	27-11 TASK 811
- first officer's	271 090 32	27-11 TASK 811
Wing down aileron trim		
does not operate		
- left	271 050 41	27-11 TASK 814
- left and right	271 050 48	27-11 TASK 815
- right	271 050 42	27-11 TASK 814
27-2 FLIGHT CONTROLS - RUDDER		
Nose rudder trim		
does not operate		
- left	272 010 41	27-21 TASK 801
- left and right	272 010 48	27-21 TASK 803
- right	272 010 42	27-21 TASK 802
Rudder		
does not move correctly	272 040 00	27-21 TASK 806
does not move freely	272 050 00	27-21 TASK 807
STBY RUD ON light is on	272 070 00	27-21 TASK 817
surface has excessive play	272 060 00	27-21 TASK 808
Rudder pedals		
Adjustment crank does not move freely		
- captain's	272 070 31	27-21 TASK 809
- first officer's	272 070 32	27-21 TASK 809
Adjustment crank turns but rudder pedals do not move		
- captain's	272 080 31	27-21 TASK 810
- first officer's	272 080 32	27-21 TASK 810
do not move freely		
- captain's	272 090 31	27-21 TASK 811
- first officer's	272 090 32	27-21 TASK 811
kick back during flight	272 092 00	27-21 TASK 816
RUDDER TRIM indicator		
does not operate correctly	272 020 00	27-21 TASK 804

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FAULT DESCRIPTION 27-2 FLIGHT CONTROLS - RUDDER (continued)	FAULT CODE	GO TO FIM TASK
• light not on	272 030 00	27-21 TASK 805
Trim switch		
does not operate correctly	272 100 00	27-21 TASK 812
Autopilot		
Travel is not within limits, column force is normal	273 010 00	27-31 TASK 809
Control column		
does not move freely		
- captain's	273 020 31	27-31 TASK 801
- first officer's	273 020 32	27-31 TASK 801
high force, hydraulic power off	273 150 00	27-31 TASK 814
high force, hydraulic power on	273 140 00	27-31 TASK 813
• low force	273 130 00	27-31 TASK 812
shaker does not operate during test	273 110 00	27-32 TASK 801
Elevator		
control cable tension repeatedly checks low	273 030 00	27-31 TASK 802
does not move correctly	273 040 00	27-31 TASK 810
Too much play in elevator surface	273 050 00	27-31 TASK 804
Elevator tab surface		
has too much play	273 120 00	27-31 TASK 805
FEEL DIFF PRESS light		
• light on	273 060 00	27-31 TASK 815
Neutral shift		
does not operate correctly	273 080 00	27-31 TASK 807
Pitch control		
Too sensitive in control wheel steering mode (airplane)		
overreacts to column input)	273 090 00	27-31 TASK 811
Pitch up or pitch down of airplane too much	273 100 00	27-31 TASK 808
SPD LIM shows		
- captain's	273 160 31	27-32 TASK 831
- first officer's	273 160 32	27-32 TASK 833
Vibration in aft and forward fuselage	273 070 00	27-31 TASK 806

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FAULT DESCRIPTION 27-4 FLIGHT CONTROLS - HORIZONTAL STABILIZER	FAULT CODE	GO TO FIM TASK
Stabilizer		
control cable tension repeatedly checks low	274 010 00	27-41 TASK 801
fails to trim		
- nose down	274 020 00	27-41 TASK 802
- nose up	274 030 00	27-41 TASK 803
- nose up and nose down	274 040 00	27-41 TASK 804
Too much play in stabilizer surface	274 060 00	27-41 TASK 813
Stabilizer trim		
does not hold position in flight	274 130 00	27-41 TASK 812
does not move freely	274 070 00	27-41 TASK 805
moves with slow speed only	274 080 00	27-41 TASK 810
wheel coasts more than 2.5 turns (flaps down)	274 120 00	27-41 TASK 811
Stabilizer trim switches		
do not operate trim down		
- captain's	274 160 31	27-41 TASK 806
- first officer's	274 160 32	27-41 TASK 808
do not operate trim up		
- captain's	274 150 31	27-41 TASK 806
- first officer's	274 150 32	27-41 TASK 808
 do not operate trim up and trim down 		
- captain's	274 170 31	27-41 TASK 807
- first officer's	274 170 32	27-41 TASK 809
27-5 FLIGHT CONTROLS - FLAPS		
Flap position indicator		
has fast movement	275 030 00	27-51 TASK 844
has needles split	275 040 00	27-51 TASK 840
has slow movement	275 050 00	27-51 TASK 845
needle(s) do not operate	275 060 00	27-51 TASK 841
• needle(s) stick	275 070 00	27-51 TASK 842
Flaps		
do not extend with alternate control	275 091 00	27-51 TASK 838
do not operate with alternate control	275 090 00	27-51 TASK 837

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FAULT DESCRIPTION 27-5 FLIGHT CONTROLS - FLAPS (continued)	FAULT CODE	GO TO FIM TASK
do not operate with primary control	275 080 00	27-51 TASK 836
Do not retract with alternate control	275 092 00	27-51 TASK 839
lever does not move freely	275 100 00	27-51 TASK 843
load relief occurrs at wrong airspeed	275 020 00	27-51 TASK 803
operation is fast	275 110 00	27-51 TASK 844
operation is slow	275 120 00	27-51 TASK 845
TE flap transmission torque trip indicator extended	275 140 00	27-51 TASK 849
Trailing Edge Flap Lockout on Aproach	275 081 00	27-51 TASK 836
27-6 FLIGHT CONTROLS - SPOILERS AND DRAG DEVICES	<u>S</u>	
Speed brake		
Auto extend does not operate	276 040 00	27-62 TASK 804
Auto retract does not operate	276 050 00	27-62 TASK 805
• chatters	276 060 00	27-62 TASK 806
Flight detent does not operate	276 070 00	27-61 TASK 802
lever does not move freely	276 080 00	27-62 TASK 807
SPEED BRAKE ARMED light		
does not operate	276 020 00	27-62 TASK 803
SPEED BRAKE DO NOT ARM light		
• light on	276 030 00	27-62 TASK 802
SPEEDBRAKES EXTENDED light		
• light on with airplane on the ground	276 035 00	27-62 TASK 814
Spoilers		
Airplane rolls left when the spoilers are deployed	276 111 41	27-61 TASK 805
Airplane rolls right when the spoilers are deployed	276 111 42	27-61 TASK 805
do not move in one direction	276 110 00	27-61 TASK 804
flight spoilers do not operate	276 090 00	27-61 TASK 802
ground spoilers do not operate	276 100 00	27-61 TASK 803
• spoiler panel(s) float	276 010 00	27-61 TASK 801
27-8 FLIGHT CONTROLS - LIFT AUGMENTATION		
AUTO SLAT FAIL light		
• light on	278 060 00	27-32 TASK 801

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FAULT DESCRIPTION 27-8 FLIGHT CONTROLS - LIFT AUGMENTATION (continu	FAULT CODE ed)	GO TO FIM TASK
Leading edge flaps		
droops too much with hydraulic pressure off	278 010 00	27-81 TASK 801
TRANSIT light stays on		
- 1	278 070 01	27-88 TASK 820
- 2	278 070 02	27-88 TASK 820
- 3	278 070 03	27-88 TASK 820
- 4	278 070 04	27-88 TASK 820
Leading edge flaps and slats		
do not extend during alternate system operation	278 020 00	27-81 TASK 802
do not extend during normal system operation	278 030 00	27-81 TASK 803
Do not retract	278 040 00	27-81 TASK 803
one or more leading edge surfaces operate slowly	278 050 00	27-81 TASK 805
Leading edge slats		
TRANSIT light stays on		
- 1	278 080 01	27-88 TASK 820
- 2	278 080 02	27-88 TASK 820
- 3	278 080 03	27-88 TASK 820
- 4	278 080 04	27-88 TASK 820
- 5	278 080 05	27-88 TASK 820
- 6	278 080 06	27-88 TASK 820
- 7	278 080 07	27-88 TASK 820
- 8	278 080 08	27-88 TASK 820
28-2 FUEL - DISTRIBUTION		
Crossfeed VALVE OPEN light		
• does not come on bright when the valve is in transit	282 125 00	28-22 TASK 808
Stays on bright when the crossfeed selector is moved to the off position	282 120 00	28-22 TASK 807
Stays on bright when the crossfeed selector is moved to the on position	282 110 00	28-22 TASK 807
Fuel suction feed		
engine does not continue running the full five minutes during Engine Fuel Suction Feed Operational Test	282 251 00	28-22 TASK 819

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FAULT DESCRIPTION 28-2 FUEL - DISTRIBUTION (continued)	FAULT CODE	GO TO FIM TASK
Fuel tank		
boost pump circuit breaker open		
- center tank, left pump	282 301 43	28-22 TASK 817
- center tank, right pump	282 302 43	28-22 TASK 818
- No. 1 tank, aft pump	282 301 01	28-22 TASK 814
- No. 1 tank, forward pump	282 302 01	28-22 TASK 813
- No. 2 tank, aft pump	282 301 02	28-22 TASK 816
- No. 2 tank, forward pump	282 302 02	28-22 TASK 815
DC fuel pump circuit breaker open	282 303 00	28-25 TASK 803
 unwanted fuel transfer from a main tank to the center tank 		
- from tank 1	282 100 01	28-21 TASK 803
- from tank 2	282 100 02	28-21 TASK 813
Fuel transfer (migration)		
Unwanted fuel transfer from the center tank to the No. 1 tank	282 101 00	28-21 TASK 814
Unwanted fuel transfer from the center tank to the No. 2 tank	282 102 00	28-21 TASK 815
LOW PRESSURE light for the fuel pump		
 light comes on, but not in the specified time (15 +/-2 seconds) during boost pump auto-shutoff functional test 		
- center tank, left pump	282 312 41	28-22 TASK 820
- center tank, right pump	282 312 42	28-22 TASK 821
 light does not come on during boost pump auto-shutoff functional test 		
- center tank, left pump	282 311 41	28-22 TASK 820
- center tank, right pump	282 311 42	28-22 TASK 821

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FAULT DESCRIPTION 28-2 FUEL - DISTRIBUTION (continued)	FAULT CODE	GO TO FIM TASK
• light on		
- center tank, left pump	282 130 43	28-22 TASK 801
- center tank, right pump	282 140 43	28-22 TASK 802
- no. 1 aft fuel pump	282 150 01	28-22 TASK 803
- no. 1 fwd and aft fuel pumps	282 160 01	28-22 TASK 803
- no. 1 fwd fuel pump	282 170 01	28-22 TASK 804
- no. 2 aft fuel pump	282 150 02	28-22 TASK 805
- no. 2 fwd and aft fuel pumps	282 160 02	28-22 TASK 805
- no. 2 fwd fuel pump	282 170 02	28-22 TASK 806
Refuel quantity indicator		
• blank		
- all tanks	282 010 48	28-21 TASK 804
- center tank	282 010 43	28-21 TASK 804
- tank no. 1	282 010 01	28-21 TASK 804
- tank no. 2	282 010 02	28-21 TASK 804
Display is not correct with switch at TEST GAGES		
- all tanks	282 011 48	28-21 TASK 802
- center tank	282 011 43	28-21 TASK 802
- tank no. 1	282 011 01	28-21 TASK 802
- tank no. 2	282 011 02	28-21 TASK 802
• flashes		
- center tank	282 015 43	28-21 TASK 816
- tank no. 1	282 015 01	28-21 TASK 816
- tank no. 2	282 015 02	28-21 TASK 816
shows ARINC error message		
- all tanks	282 013 48	28-21 TASK 817
- center tank	282 013 43	28-21 TASK 817
- tank no. 1	282 013 01	28-21 TASK 817
- tank no. 2	282 013 02	28-21 TASK 817
Shows Ind FAIL		
- all tanks	282 012 48	28-21 TASK 805
- center tank	282 012 43	28-21 TASK 805
- tank no. 1	282 012 01	28-21 TASK 805
- tank no. 2	282 012 02	28-21 TASK 805

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2	FAULT DESCRIPTION 8-2 FUEL - DISTRIBUTION (continued)	FAULT CODE	GO TO FIM TASK
R	efuel valve light		
	 light does not come on with valves selected open and refueling manifold pressurized 		
	- all tanks	282 030 48	28-21 TASK 807
	- center tank	282 030 43	28-21 TASK 807
	 light does not go off after pressing the press-to-test switch 		
	- all tanks	282 020 48	28-21 TASK 806
	- center tank	282 020 43	28-21 TASK 806
	- tank no. 1	282 020 01	28-21 TASK 806
	- tank no. 2	282 020 02	28-21 TASK 806
W	lefuel valve position indicator light does not come on with valves selected open and refueling manifold ressurized		
	- tank no. 1	282 030 01	28-21 TASK 807
	- tank no. 2	282 030 02	28-21 TASK 807
R	efueling		
	fuel spill at surge tank	282 050 00	28-21 TASK 801
ı	Fuel Tank Auto-Shutoff is inoperative	282 051 00	28-21 TASK 801
	Refueling (all) is prevented	282 040 00	28-21 TASK 808
	Valve does not close with switch at CLOSED		
	- all tanks	282 070 48	28-21 TASK 806
	- center tank	282 070 43	28-21 TASK 806
	- tank no. 1	282 070 01	28-21 TASK 806
	- tank no. 2	282 070 02	28-21 TASK 806
R	efueling panel light		
	light does not come on with ground power on the airplane	282 080 00	28-21 TASK 810
S	PAR VALVE CLOSED light		
	does not come on bright when the valve is in transit		
	- engine 1	282 240 51	28-22 TASK 811
	- engine 2	282 240 52	28-22 TASK 812

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FAULT DESCRIPTION 28-2 FUEL - DISTRIBUTION (continued)	FAULT CODE	GO TO FIM TASK
 slow to go from bright to dim when start lever moved to CUTOFF 		
- engine 1	282 180 51	28-22 TASK 809
- engine 2	282 180 52	28-22 TASK 810
 slow to go from bright to off when start lever moved to IDLE 		
- engine 1	282 190 51	28-22 TASK 809
- engine 2	282 190 52	28-22 TASK 810
 Stays on bright when start lever moved to CUTOFF 		
- engine 1	282 200 51	28-22 TASK 809
- engine 2	282 200 52	28-22 TASK 810
 Stays on bright when start lever moved to IDLE 		
- engine 1	282 210 51	28-22 TASK 809
- engine 2	282 210 52	28-22 TASK 810
28-4 FUEL - INDICATING		
FQIS BITE INOP message		
Shows on CDU	284 101 00	28-41 TASK 819
Fuel quantity indication, flight compartment		
CONFIG message shows	284 022 00	28-41 TASK 820
error or blank		
- all tanks	284 020 48	28-41 TASK 813
- center tank	284 020 43	28-41 TASK 813
- no. 1 tank	284 020 01	28-41 TASK 813
- no. 2 tank	284 020 02	28-41 TASK 813
 fluctuates or is too high or too low 		
- center tank	284 010 43	28-41 TASK 814
- no. 1 tank	284 010 01	28-41 TASK 814
- no. 2 tank	284 010 02	28-41 TASK 814
IMBAL message shows	284 023 00	28-41 TASK 820
LOW message shows	284 024 00	28-41 TASK 820
Fuel temperature indicator		
does not operate correctly	284 030 00	28-43 TASK 801

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FAULT DESCRIPTION 29-1 HYDRAULIC POWER - MAIN	FAULT CODE	GO TO FIM TASK
Electrical power		
 power to the electric motor-driven pump is interrupted during normal operation 		
- system A	291 020 00	29-10 TASK 803
- system B	291 025 00	29-10 TASK 804
ENG 1 LOW PRESSURE light		
light off when the electric motor-driven pump is operated	291 010 51	29-10 TASK 801
ENG 2 LOW PRESSURE light		
light off when the electric motor-driven pump is operated	291 010 52	29-10 TASK 802
Fire handle in the pulled position while engine turns		
- engine 1	291 201 51	29-11 TASK 801
- engine 2	291 201 52	29-11 TASK 801
Hydraulic fluid		
Comes out of the reservoir vent line	291 050 00	29-10 TASK 805
Comes out of the reservoir vent line drain mast	291 060 00	29-10 TASK 805
fluid leakage	291 040 00	29-10 TASK 812
Transfers from system A to system B	291 070 00	29-10 TASK 806
Transfers from system B to system A	291 080 00	29-10 TASK 807
Hydraulic pressure indication		
• above 3200 psi		
- system A	291 090 00	29-10 TASK 808
- system B	291 100 00	29-10 TASK 809
Below 2800 psi		
- system A	291 110 00	29-10 TASK 810
- system B	291 120 00	29-10 TASK 811
momentarily below 2900 psi		
- system A	291 131 00	29-10 TASK 813
- system B	291 132 00	29-10 TASK 813
- systems A and B	291 133 00	29-10 TASK 813
29-2 HYDRAULIC POWER - AUXILIARY		
PTU		
does not operate	292 040 00	29-20 TASK 804

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FAULT DESCRIPTION 29-2 HYDRAULIC POWER - AUXILIARY (continued)	FAULT CODE	GO TO FIM TASK
Standby hydraulic pump		
does not operate	292 010 00	29-20 TASK 801
29-3 HYDRAULIC POWER - INDICATING		
ELEC 1 LOW PRESSURE light		
• light on	293 190 00	29-30 TASK 810
ELEC 1 OVERHEAT light		
• light on	293 030 00	29-30 TASK 805
ELEC 2 LOW PRESSURE light		
• light on	293 200 00	29-30 TASK 811
ELEC 2 OVERHEAT light		
• light on	293 040 00	29-30 TASK 806
ENG 1 LOW PRESSURE light		
• light on	293 210 51	29-30 TASK 812
ENG 2 LOW PRESSURE light		
• light on	293 210 52	29-30 TASK 813
Hydraulic fluid quantity indication		
does not return to the same level after operation of a "heavy use" system	293 150 00	29-30 TASK 808
error or blank		
- system A	293 050 00	31-62 TASK 801
- system B	293 060 00	31-62 TASK 801
 flight compartment display and hydraulic reservoir gauge do not read the same 		
- system A	293 070 00	31-62 TASK 801
- system B	293 080 00	31-62 TASK 801
 flight compartment display moves erratically or jumps between readings 		
- system A	293 110 00	31-62 TASK 801
- system B	293 120 00	31-62 TASK 801
 flight compartment display shows zero, reservoir has hydraulic fluid 		
- system A	293 090 00	31-62 TASK 801
- system B	293 100 00	31-62 TASK 801

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FAULT DESCRIPTION 29-3 HYDRAULIC POWER - INDICATING (continued)	FAULT CODE	GO TO FIM TASK
• Shows RF (76%)		
- system A	293 130 00	29-30 TASK 815
- system B	293 140 00	29-30 TASK 815
Hydraulic pressure indication		
• Zero		
- system A	293 020 00	29-30 TASK 803
- system B	293 025 00	29-30 TASK 804
Hydraulic reservoir gauge		
Shows zero or below, reservoir has hydraulic fluid		
- system A	293 160 00	29-30 TASK 808
- system B	293 170 00	29-30 TASK 808
STANDBY HYD LOW PRESSURE light		
• light on	293 220 00	29-30 TASK 814
STANDBY HYD LOW QUANTITY light		
• light on	293 180 00	29-30 TASK 809
ANTI-ICE & RAIN ENG 1 & WING CONT circuit breaker		
tripped	301 121 00	30-11 TASK 810
WING ANTI-ICE L VALVE OPEN light		
does not come on	301 080 00	30-11 TASK 805
Does not go bright during transition	301 015 41	30-11 TASK 804
slow to go from bright to dim when switch is moved to ON	301 010 00	30-11 TASK 801
slow to go from bright to off when switch is moved to OFF	301 020 00	30-11 TASK 802
Stays on bright	301 030 00	30-11 TASK 803
WING ANTI-ICE R VALVE OPEN light		
does not come on	301 090 00	30-11 TASK 805
Does not go bright during transition	301 015 42	30-11 TASK 804
slow to go from bright to dim when switch is moved to ON	301 050 00	30-11 TASK 801
slow to go from bright to off when switch is moved to	204.000.00	20 44 TACK 000
OFF	301 060 00	30-11 TASK 802
Stays on bright	301 070 00	30-11 TASK 803

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FAULT DESCRIPTION 30-1 ICE AND RAIN PROTECTION - AIRFOIL (continued)	FAULT CODE	GO TO FIM TASK
WING ANTI-ICE switch		
does not latch in the ON position with the engines not operating	301 100 00	30-11 TASK 806
Unlatches when the engines are operating	301 110 00	30-11 TASK 807
30-2 ICE AND RAIN PROTECTION - AIR INTAKES		
COWL ANTI-ICE light		
 light comes on at high thrust setting (takeoff or climb) and goes off at reduced thrust 		
- ENG ANTI-ICE 1	302 011 51	30-21 TASK 809
- ENG ANTI-ICE 2	302 011 52	30-21 TASK 809
 light comes on independent of engine thrust setting 		
- ENG ANTI-ICE 1	302 010 51	30-21 TASK 801
- ENG ANTI-ICE 2	302 010 52	30-21 TASK 801
COWL VALVE OPEN light		
 slow to go from bright to dim when switch is moved to ON 		
- ENG ANTI-ICE 1	302 020 51	30-21 TASK 802
- ENG ANTI-ICE 2	302 020 52	30-21 TASK 802
 slow to go from bright to off when switch is moved to OFF 		
- ENG ANTI-ICE 1	302 030 51	30-21 TASK 803
- ENG ANTI-ICE 2	302 030 52	30-21 TASK 803
Stays on bright		
- ENG ANTI-ICE 1	302 040 51	30-21 TASK 804
- ENG ANTI-ICE 2	302 040 52	30-21 TASK 804
 Stays on bright when switch is moved to ON 		
- ENG ANTI-ICE 1	302 050 51	30-21 TASK 805
- ENG ANTI-ICE 2	302 050 52	30-21 TASK 805
30-3 ICE AND RAIN PROTECTION - PITOT AND STATIC (All	R DATA SENSORS)	
AUX PITOT light		
• light on	303 010 00	30-31 TASK 801
CAPT PITOT light		
• light on	303 020 00	30-31 TASK 802

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FAULT DESCRIPTION 30-3 ICE AND RAIN PROTECTION - PITOT AND STATIC (AIR	FAULT CODE R DATA SENSORS) (GO TO FIM TASK continued)
F/O PITOT light		
• light on	303 030 00	30-31 TASK 803
L ALPHA VANE light		
• light on	303 040 00	30-31 TASK 804
L ELV PITOT light		
• light on	303 050 00	30-31 TASK 805
Pitot probe		
Does not get hot	303 060 00	30-31 TASK 806
Probe heater indicator lights		
do not come on when PITOT STATIC HEAT switches are OFF	303 070 00	30-31 TASK 807
R ALPHA VANE light		
• light on	303 080 00	30-31 TASK 808
R ELV PITOT light		
• light on	303 090 00	30-31 TASK 809
TEMP PROBE light		
• light on	303 100 00	30-31 TASK 810
30-4 ICE AND RAIN PROTECTION - WINDOWS, WINDSHIEL	D AND DOORS	
Window heat		
Does not heat correctly		
- side window	304 090 00	30-41 TASK 809
- windshield	304 080 00	30-41 TASK 802
lights do not operate correctly when the test switch is moved to PWR TEST	304 050 00	30-41 TASK 801
 master caution and OVERHEAT lights do not operate correctly when the test switch is moved to OVHT 	304 060 00	30-41 TASK 801
WINDOW HEAT OVERHEAT light		
• light on		
- L FWD	304 010 41	30-41 TASK 801
- L SIDE	304 020 41	30-41 TASK 801
- R FWD	304 010 42	30-41 TASK 801
- R SIDE	304 020 42	30-41 TASK 801

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FAULT DESCRIPTION 30-4 ICE AND RAIN PROTECTION - WINDOWS, WINDSHIEL	FAULT CODE LD AND DOORS	GO TO FIM TASK (continued)
WINDOW HEAT Power ON light		
does not come on		
- L FWD	304 030 41	30-41 TASK 801
- L SIDE	304 040 41	30-41 TASK 801
- R FWD	304 030 42	30-41 TASK 801
- R SIDE	304 040 42	30-41 TASK 801
Windshield wiper		
does not operate in any switch position		
- left	304 200 41	30-42 TASK 801
- right	304 200 42	30-42 TASK 801
does not operate in one switch position		
- left	304 210 41	30-42 TASK 802
- right	304 210 42	30-42 TASK 802
does not park in the correct position		
- left	304 240 41	30-42 TASK 805
- right	304 240 42	30-42 TASK 805
does not remove water correctly		
- left	304 260 41	30-42 TASK 807
- right	304 260 42	30-42 TASK 807
does not stop		
- left	304 250 41	30-42 TASK 806
- right	304 250 42	30-42 TASK 806
Speed is incorrect		
- left	304 220 41	30-42 TASK 804
- right	304 220 42	30-42 TASK 804
Sweep is incorrect		
- left	304 230 41	30-42 TASK 803
- right	304 230 42	30-42 TASK 803
30-7 ICE AND RAIN PROTECTION - WATER LINES		
Drain mast		
Does not heat	307 010 00	30-71 TASK 801

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31-2	FAULT DESCRIPTION INDICATING/RECORDING SYSTEMS - INDEPENDENT	FAULT CODE INSTRUMENTS	GO TO FIM TASK
Cloc	k		
• 0	loes not operate		
-	captain's	312 020 31	31-25 TASK 801
-	first officer's	312 020 32	31-25 TASK 802
Land	ling warning horn		
• 0	loes not sound	312 030 00	31-51 TASK 815
• 8	ounds (false warning)	312 035 00	31-51 TASK 815
Take	off warning horn		
• 0	loes not sound	312 010 00	31-51 TASK 803
• 8	ounds (false warning)	312 015 00	31-51 TASK 803
31-3	INDICATING/RECORDING SYSTEMS - RECORDERS		
FLIG	HT RECORDER OFF light		
• li	ght on	313 010 00	31-31 TASK 805
Print	er (flight deck)		
• F	FAIL light is on	313 202 00	31-33 TASK 802
Wire	less quick access recorder		
• 0	lata does not transmit	313 121 00	31-31 TASK 809
31-5	INDICATING/RECORDING SYSTEMS - CENTRAL WAR	NING SYSTEM	
MAS	TER CAUTION light		
• li	ght does not come on during test	315 101 00	31-52 TASK 801
31-6	INDICATING/RECORDING SYSTEMS - CENTRAL DISP	PLAY SYSTEM	
CDS	display unit problem		
-	center lower	316 050 47	31-63 TASK 824
-	center upper	316 050 46	31-63 TASK 824
-	left inboard	316 030 41	31-63 TASK 824
	left outboard	316 040 41	31-63 TASK 824
	right inboard	316 030 42	31-63 TASK 824
	right outboard	316 040 42	31-63 TASK 824
	FAULT annunciation shows on pilot's display		
	captain's	316 070 31	31-62 TASK 884
-	first officer's	316 070 32	31-62 TASK 884

AKS ALL

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FAULT DESCRIPTION 31-6 INDICATING/RECORDING SYSTEMS - CENTRAL DIS	FAULT CODE PLAY SYSTEM (conf	GO TO FIM TASK tinued)
CDS MAINT annunciation shows on pilot's display		
- captain's	316 060 31	31-62 TASK 884
- first officer's	316 060 32	31-62 TASK 884
Common Display System		
 DEU-1 Restart during an APU Start on Battery Only 		
- No. 1	316 082 01	31-63 TASK 828
Display Units are blanking during an APU Start on Battery Only	316 081 00	31-63 TASK 828
DISPLAYS CONTROL PANEL annunciation shows on pilot's display		
- captain's	316 026 31	31-62 TASK 801
- first officer's	316 026 32	31-62 TASK 801
DSPLY SOURCE annunciation shows on pilot's display		
- captain's	316 080 31	31-63 TASK 820
- first officer's	316 080 32	31-63 TASK 820
EFIS control panel problem		
- captain's	316 020 31	31-63 TASK 819
- first officer's	316 020 32	31-63 TASK 821
32-0 LANDING GEAR - GENERAL		
Air mode		
Shows with the airplane on the ground	320 020 00	32-09 TASK 801
Ground mode		
Shows with airplane in the air	320 030 00	32-09 TASK 801
PSEU		
BITE display is blank	320 040 00	32-09 TASK 811
PSEU light		
light does not come on during test	320 060 00	33-10 TASK 801
• light on	320 050 00	32-09 TASK 801
32-3 LANDING GEAR - EXTENSION AND RETRACTION		
Landing gear lever		
does not move to the UP position in flight, is free to move to the UP position when the lock override is used .	323 010 00	32-30 TASK 813

AKS ALL

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FAULT DESCRIPTION 32-3 LANDING GEAR - EXTENSION AND RETRACTION (co	FAULT CODE ontinued)	GO TO FIM TASK
Main landing gear		
slow to extend		
- left	323 090 41	32-32 TASK 804
- left and right	323 090 48	32-32 TASK 803
- right	323 090 42	32-32 TASK 804
Slow to retract		
- left	323 080 41	32-32 TASK 804
- left and right	323 080 48	32-32 TASK 803
- right	323 080 42	32-32 TASK 804
Nose landing gear		
NOSE GEAR red light on, airplane on ground	323 140 00	32-30 TASK 814
slow to extend	323 120 00	32-30 TASK 806
Slow to retract	323 130 00	32-30 TASK 806
32-4 LANDING GEAR - WHEELS AND BRAKES		
ANTISKID INOP light		
• light on	324 070 00	32-42 TASK 829
AUTO BRAKE DISARM light		
• light on	324 080 00	32-42 TASK 828
Autobrakes		
AUTO BRAKE DISARM light comes on during landing	324 097 00	32-42 TASK 833
brakes grab during landing when using autobrakes	324 095 00	32-42 TASK 832
deceleration rate is not correct	324 090 00	32-42 TASK 807
Brake pressure indicator		
does not operate	324 020 00	32-44 TASK 806
low/zero with parking brake released	324 010 00	32-44 TASK 805
low/zero with parking brake set	324 110 00	32-44 TASK 805
Brakes		
• grab, drag, or lock	324 030 00	32-42 TASK 816
• pull to the left	324 040 00	32-42 TASK 817
• pull to the right	324 050 00	32-42 TASK 817
Parking brake		
lever does not release	324 120 00	32-44 TASK 807

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FAULT DESCRIPTION 32-4 LANDING GEAR - WHEELS AND BRAKES (continued)	FAULT CODE	GO TO FIM TASK
lever does not set	324 130 00	32-44 TASK 807
light on control stand comes on when parking brake is not set	324 142 00	32-44 TASK 804
light on control stand stays off when parking brake is set	324 141 00	32-44 TASK 803
PARKING BRAKE light on external power panel is not on when parking brake is set	324 145 00	32-42 TASK 830
Tire problem		
- main gear left inboard	324 150 02	32-42 TASK 820
- main gear left outboard	324 150 01	32-42 TASK 820
- main gear right inboard	324 150 03	32-42 TASK 820
- main gear right outboard	324 150 04	32-42 TASK 820
- nose gear left	324 150 05	32-42 TASK 820
- nose gear right	324 150 06	32-42 TASK 820
32-5 LANDING GEAR - STEERING		
Nose wheel		
makes a loud noise in the wheel well	325 010 00	32-51 TASK 801
Strut bottoms during taxi	325 020 00	32-51 TASK 802
Vibrates at gear retraction	325 030 00	32-51 TASK 803
Vibrates at landing	325 040 00	32-51 TASK 804
Vibrates at takeoff	325 050 00	32-51 TASK 804
Vibrates during taxi	325 045 00	32-51 TASK 804
Rudder pedal steering		
does not operate, tiller steering normal	325 060 00	32-51 TASK 805
does not steer straight	325 061 00	32-51 TASK 810
Tiller steering		
does not operate	325 070 00	32-51 TASK 806
response is sluggish	325 080 00	32-51 TASK 807
Steers in left direction only	325 090 00	32-51 TASK 808
Steers in right direction only	325 100 00	32-51 TASK 808

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FAULT DESCRIPTION 32-6 LANDING GEAR - POSITION AND WARNING	FAULT CODE	GO TO FIM TASK
Landing gear		
LEFT GEAR, RIGHT GEAR, and NOSE GEAR red and green lights (all) are on at the same time	326 072 00	32-30 TASK 816
Landing gear position lights		
• lights not correct	326 010 00	32-09 TASK 801
Landing gear, main and nose		
Does not extend when landing gear lever moved to DN position	326 076 00	32-30 TASK 816
does not retract when landing gear lever moved to UP position	326 075 00	32-30 TASK 815
Gears (all) extends with landing gear lever at OFF, NOSE GEAR, RIGHT GEAR, and LEFT GEAR green lights on	326 070 00	32-30 TASK 809
Main landing gear		
LEFT GEAR green light does not come on with landing gear lever at DN, LEFT GEAR red light on, alternate gear extension was attempted	326 040 41	32-32 TASK 805
 LEFT GEAR green light does not come on with landing gear lever at DN, LEFT GEAR red light on, indications normal after alternate gear extension 	326 050 41	32-32 TASK 802
LEFT GEAR green light does not go off with landing gear lever at UP, LEFT GEAR red light on	326 060 41	32-32 TASK 801
RIGHT GEAR green light does not come on with landing gear lever at DN, RIGHT GEAR red light on, alternate gear extension was attempted	326 040 42	32-32 TASK 805
 RIGHT GEAR green light does not come on with landing gear lever at DN, RIGHT GEAR red light on, indications normal after alternate gear extension 	326 050 42	32-32 TASK 802
 RIGHT GEAR green light does not go off with landing gear lever at UP, RIGHT GEAR red light on 	326 060 42	32-32 TASK 801
Nose landing gear		
NOSE GEAR green light does not come on with landing gear lever at DN, NOSE GEAR red light on	326 110 00	32-30 TASK 812
NOSE GEAR green light does not come on with landing gear lever at DN, NOSE GEAR red light on, alternate gear extension was attempted	326 080 00	32-30 TASK 807
NOSE GEAR green light does not go off with landing gear lever at UP, NOSE GEAR red light on	326 090 00	32-30 TASK 810

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FAULT DESCRIPTION 32-6 LANDING GEAR - POSITION AND WARNING (continue	FAULT CODE	GO TO FIM TASK
NOSE GEAR green light off with landing gear lever at UP, NOSE GEAR red light on	326 115 00	32-30 TASK 811
33-1 LIGHTS - FLIGHT COMPARTMENT		
Chart light		
does not come on correctly		
- captain's	331 150 31	33-10 TASK 801
- first officer's	331 150 32	33-10 TASK 801
Does not go off		
- captain's	331 151 31	33-10 TASK 801
- first officer's	331 151 32	33-10 TASK 801
Circuit breaker panel light		
does not come on	331 040 00	33-10 TASK 801
Does not go off	331 041 00	33-10 TASK 801
Control stand floodlight		
does not come on correctly	331 090 00	33-10 TASK 801
Does not go off	331 091 00	33-10 TASK 801
Dome light		
does not come on correctly	331 050 00	33-10 TASK 801
Does not go off	331 051 00	33-10 TASK 801
Flight kit light		
does not come on correctly		
- captain's	331 110 31	33-10 TASK 801
- first officer's	331 110 32	33-10 TASK 801
Does not go off		
- captain's	331 111 31	33-10 TASK 801
- first officer's	331 111 32	33-10 TASK 801
Glareshield (AFCS) Floodlight		
does not come on correctly	331 070 00	33-10 TASK 801
Does not go off	331 071 00	33-10 TASK 801
Indicator light		
does not come on correctly	331 010 00	33-10 TASK 801
Does not go off	331 011 00	33-10 TASK 801

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FAULT DESCRIPTION 33-1 LIGHTS - FLIGHT COMPARTMENT (continued)	FAULT CODE	GO TO FIM TASK
LCD segment		
does not operate correctly	331 060 00	33-10 TASK 801
Lighted pushbutton switch		
does not come on correctly	331 020 00	33-10 TASK 801
Does not go off	331 021 00	33-10 TASK 801
Lightplate		
does not come on	331 030 00	33-10 TASK 801
Does not go off	331 031 00	33-10 TASK 801
Map light		
does not come on correctly		
- captain's	331 120 31	33-10 TASK 801
- first officer's	331 120 32	33-10 TASK 801
Does not go off		
- captain's	331 121 31	33-10 TASK 801
- first officer's	331 121 32	33-10 TASK 801
Master dim and test system		
does not operate correctly	331 160 00	33-10 TASK 801
Oxygen mask floodlight		
does not come on	331 140 00	33-10 TASK 801
Panel floodlight		
does not come on correctly		
- captain's	331 080 31	33-10 TASK 801
- center	331 080 43	33-10 TASK 801
- first officer's	331 080 32	33-10 TASK 801
Does not go off		
- captain's	331 081 31	33-10 TASK 801
- center	331 081 43	33-10 TASK 801
- first officer's	331 081 32	33-10 TASK 801
Reading light, observer's		
does not come on correctly	331 130 00	33-10 TASK 801
Does not go off	331 131 00	33-10 TASK 801

AKS ALL

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Standby compass light	FAULT DESCRIPTION 33-1 LIGHTS - FLIGHT COMPARTMENT (continued)	FAULT CODE	GO TO FIM TASK
Does not go off 331 101 00 34-23 TASK 802 33-3 LIGHTS - CARGO AND SERVICE COMPARTMENT LIGHTS Accessory compartment light • does not come on 333 050 00 33-30 TASK 801 • Does not go off 333 051 00 33-30 TASK 801 Air conditioning compartment light • does not come on 333 030 41 33-30 TASK 801 • left 333 030 42 33-30 TASK 801 • Does not go off 333 031 41 33-30 TASK 801 • left 333 031 42 33-30 TASK 801 • right 333 031 42 33-30 TASK 801 • right 333 060 00 33-30 TASK 801 • Does not go off 333 060 00 33-30 TASK 801 • Does not go off 333 060 00 33-30 TASK 801 • Does not go off 333 080 45 33-30 TASK 801 • Does not go off 333 080 44 33-30 TASK 801 • Does not go off 333 081 44 33-30 TASK 801 • Does not go off 333 080 49 33-30 TASK 801 • Does not go off 333 040 00 33-30 TASK 801 • Carpo compartment light <td>Standby compass light</td> <td></td> <td></td>	Standby compass light		
Accessory compartment light - does not come on 333 050 00 33-30 TASK 801 - Does not go off 333 051 00 33-30 TASK 801 - Does not go off 333 051 00 33-30 TASK 801 - Ieft 333 030 41 33-30 TASK 801 - Ieft 333 030 42 33-30 TASK 801 - Ieft 333 030 42 33-30 TASK 801 - Ieft 333 031 41 33-30 TASK 801 - Ieft 333 031 42 33-30 TASK 801 - Ieft 333 061 00 33-30 TASK 801 - Ieft 333 080 44 33-30 TASK 801 - Ieft 333 080 44 33-30 TASK 801 - Ieft 333 080 44 33-30 TASK 801 - Ieft 333 081 00 33-30 TA	does not come on	331 100 00	34-23 TASK 802
Accessory compartment light • does not come on 333 050 00 33-30 TASK 801 • Does not go off 333 051 00 33-30 TASK 801 Air conditioning compartment light 40es not come on • left 333 030 41 33-30 TASK 801 • right 333 030 42 33-30 TASK 801 • Does not go off 1eft 333 031 41 33-30 TASK 801 • right 333 031 42 33-30 TASK 801 APU service light 4 does not come on 333 060 00 33-30 TASK 801 • Does not go off 333 061 00 33-30 TASK 801 • Does not go off 333 080 45 33-30 TASK 801 • does not come on 333 080 45 33-30 TASK 801 • Does not go off 333 080 45 33-30 TASK 801 • Does not go off 333 080 45 33-30 TASK 801 • Does not go off 333 081 45 33-30 TASK 801 • forward 333 081 44 33-30 TASK 801 • forward 333 081 44 33-30 TASK 801 • forward 333 081 44 33-30 TASK 801 • forward 333 081 40 33-30 TASK 801 • boes not come on	Does not go off	331 101 00	34-23 TASK 802
• does not come on 333 050 00 33-30 TASK 801 • Does not go off 333 051 00 33-30 TASK 801 Air conditioning compartment light 333 051 00 33-30 TASK 801 • does not come on - left 333 030 41 33-30 TASK 801 • right 333 030 42 33-30 TASK 801 • Does not go off - left 333 031 41 33-30 TASK 801 • right 333 031 42 33-30 TASK 801 APU service light - does not come on 333 060 00 33-30 TASK 801 • Does not go off 333 061 00 33-30 TASK 801 • Does not go off 333 080 45 33-30 TASK 801 • does not come on - aft 333 080 45 33-30 TASK 801 • Does not go off 333 081 45 33-30 TASK 801 • Does not go off 333 081 44 33-30 TASK 801 • forward 333 081 44 33-30 TASK 801 • Lectronic equipment compartment light - does not come on 333 040 00 33-30 TASK 801 • Does not go off 333 040 00 33-30 TASK 801 - Does not go off 333 041 00 33-30 TASK 801	33-3 LIGHTS - CARGO AND SERVICE COMPARTMENT LIG	<u>SHTS</u>	
• Does not go off 333 051 00 33-30 TASK 801 Air conditioning compartment light • does not come on • left 333 030 41 33-30 TASK 801 • right 333 030 42 33-30 TASK 801 • Does not go off - left 333 031 41 33-30 TASK 801 • right 333 031 42 33-30 TASK 801 APU service light • does not come on 333 060 00 33-30 TASK 801 • Does not go off 333 061 00 33-30 TASK 801 • Does not go off 333 080 45 33-30 TASK 801 • does not come on 333 080 45 33-30 TASK 801 • Does not go off 333 080 44 33-30 TASK 801 • Does not go off 333 081 45 33-30 TASK 801 • Does not go off 333 081 45 33-30 TASK 801 • forward 333 081 44 33-30 TASK 801 • forward 333 081 44 33-30 TASK 801 • boes not come on 333 040 00 33-30 TASK 801 • Does not go off 333 040 00 33-30 TASK 801 • Does not go off 333 040 00 33-30 TASK 801 • Does not go off 333 040 00 33-30	Accessory compartment light		
Air conditioning compartment light • does not come on - left 333 030 41 33-30 TASK 801 - right 333 030 42 33-30 TASK 801 • Does not go off - left 333 031 41 33-30 TASK 801 - right 333 031 42 33-30 TASK 801 APU service light - does not come on 333 060 00 33-30 TASK 801 • Does not go off 333 061 00 33-30 TASK 801 • Does not come on - aft 333 080 45 33-30 TASK 801 • Does not go off - aft 333 080 44 33-30 TASK 801 • Does not go off - aft 333 080 44 33-30 TASK 801 • Does not go off - aft 333 081 45 33-30 TASK 801 • Does not go off 333 081 44 33-30 TASK 801 • forward 333 081 44 33-30 TASK 801 • does not come on 333 040 00 33-30 TASK 801 • Does not go off 333 040 00 33-30 TASK 801 • Does not go off 333 041 00 33-30 TASK 801	does not come on	333 050 00	33-30 TASK 801
 does not come on left right 333 030 42 33-30 TASK 801 Does not go off left 333 031 42 33-30 TASK 801 Does not go off right 333 031 42 33-30 TASK 801 APU service light does not come on 333 060 00 33-30 TASK 801 Does not go off 333 061 00 33-30 TASK 801 Cargo compartment light does not come on aft forward 333 080 45 33-30 TASK 801 Does not go off aft forward 333 081 45 33-30 TASK 801 Does not go off a33 081 45 33-30 TASK 801 50 converd 333 081 44 33-30 TASK 801 Electronic equipment compartment light does not come on 333 040 00 33-30 TASK 801 Does not go off 333 041 00 33-30 TASK 801 Does not go off 333 041 00 Jack 801 does not come on 333 070 00 33-30 TASK 801	Does not go off	333 051 00	33-30 TASK 801
- left	Air conditioning compartment light		
- right	does not come on		
 Does not go off left right 333 031 41 33-30 TASK 801 right 333 031 42 33-30 TASK 801 APU service light does not come on 333 060 00 33-30 TASK 801 Does not go off 333 061 00 33-30 TASK 801 does not come on aft forward 333 080 45 33-30 TASK 801 Does not go off aft forward 333 081 45 33-30 TASK 801 Does not go off aft forward 333 081 44 33-30 TASK 801 forward 333 081 44 33-30 TASK 801 Electronic equipment compartment light does not come on 333 040 00 33-30 TASK 801 Does not go off 333 041 00 33-30 TASK 801 Does not come on 333 041 00 33-30 TASK 801 Tailcone light does not come on 333 070 00 33-30 TASK 801 	- left	333 030 41	33-30 TASK 801
- left	- right	333 030 42	33-30 TASK 801
- right 333 031 42 33-30 TASK 801 APU service light 333 060 00 33-30 TASK 801 • Does not go off 333 061 00 33-30 TASK 801 Cargo compartment light *** *** • does not come on *** 333 080 45 33-30 TASK 801 • forward 333 080 44 33-30 TASK 801 • Does not go off *** 333 081 45 33-30 TASK 801 • forward 333 081 44 33-30 TASK 801 Electronic equipment compartment light *** *** • does not come on 333 040 00 33-30 TASK 801 • Does not go off 333 041 00 33-30 TASK 801 Tallcone light *** *** • does not come on 333 070 00 33-30 TASK 801	Does not go off		
APU service light	- left	333 031 41	33-30 TASK 801
• does not come on 333 060 00 33-30 TASK 801 • Does not go off 333 061 00 33-30 TASK 801 Cargo compartment light • does not come on 333 080 45 33-30 TASK 801 • forward 333 080 44 33-30 TASK 801 • Does not go off 333 081 45 33-30 TASK 801 • forward 333 081 44 33-30 TASK 801 Electronic equipment compartment light 4 does not come on 333 040 00 33-30 TASK 801 • Does not go off 333 041 00 33-30 TASK 801 Tailcone light • does not come on 333 070 00 33-30 TASK 801	- right	333 031 42	33-30 TASK 801
 Does not go off Cargo compartment light does not come on aft forward aft aga 333 080 45 33-30 TASK 801 Does not go off aft aft aft forward Does not go off aft forward aft aft forward Electronic equipment compartment light does not come on aft aft	APU service light		
Cargo compartment light • does not come on - aft 333 080 45 33-30 TASK 801 - forward 333 080 44 33-30 TASK 801 • Does not go off 333 081 45 33-30 TASK 801 - aft 333 081 44 33-30 TASK 801 - forward 333 081 44 33-30 TASK 801 Electronic equipment compartment light • does not come on 333 040 00 33-30 TASK 801 • Does not go off 333 041 00 33-30 TASK 801 Tailcone light • does not come on 333 070 00 33-30 TASK 801	does not come on	333 060 00	33-30 TASK 801
 does not come on aft forward 333 080 45 33-30 TASK 801 forward 333 080 44 33-30 TASK 801 aft aft 333 081 45 33-30 TASK 801 forward 333 081 44 33-30 TASK 801 Electronic equipment compartment light does not come on 333 040 00 33-30 TASK 801 Does not go off 333 041 00 33-30 TASK 801 Tailcone light does not come on 333 070 00 33-30 TASK 801 	Does not go off	333 061 00	33-30 TASK 801
- aft 333 080 45 33-30 TASK 801 - forward 333 080 44 33-30 TASK 801 • Does not go off 333 081 45 33-30 TASK 801 - aft 333 081 44 33-30 TASK 801 - forward 333 081 44 33-30 TASK 801 Electronic equipment compartment light 333 040 00 33-30 TASK 801 • Does not go off 333 041 00 33-30 TASK 801 Tailcone light 4 does not come on 333 070 00 33-30 TASK 801	Cargo compartment light		
- forward 333 080 44 33-30 TASK 801 • Does not go off 333 081 45 33-30 TASK 801 - forward 333 081 44 33-30 TASK 801 Electronic equipment compartment light 4000 00 33-30 TASK 801 • Does not go off 333 040 00 33-30 TASK 801 Tailcone light 333 070 00 33-30 TASK 801	does not come on		
 Does not go off aft	- aft	333 080 45	33-30 TASK 801
- aft 333 081 45 33-30 TASK 801 - forward 333 081 44 33-30 TASK 801 Electronic equipment compartment light • does not come on 333 040 00 33-30 TASK 801 • Does not go off 333 041 00 33-30 TASK 801 Tailcone light • does not come on 333 070 00 33-30 TASK 801	- forward	333 080 44	33-30 TASK 801
- forward 333 081 44 33-30 TASK 801 Electronic equipment compartment light 333 040 00 33-30 TASK 801 • Does not go off 333 041 00 33-30 TASK 801 Tailcone light • does not come on 333 070 00 33-30 TASK 801	Does not go off		
Electronic equipment compartment light • does not come on 333 040 00 33-30 TASK 801 • Does not go off 333 041 00 33-30 TASK 801 Tailcone light • does not come on 333 070 00 33-30 TASK 801	- aft	333 081 45	33-30 TASK 801
• does not come on 333 040 00 33-30 TASK 801 • Does not go off 333 041 00 33-30 TASK 801 Tailcone light • does not come on 333 070 00 33-30 TASK 801	- forward	333 081 44	33-30 TASK 801
• Does not go off 333 041 00 33-30 TASK 801 Tailcone light • does not come on 333 070 00 33-30 TASK 801	Electronic equipment compartment light		
Tailcone light • does not come on	does not come on	333 040 00	33-30 TASK 801
• does not come on	Does not go off	333 041 00	33-30 TASK 801
	Tailcone light		
Does not go off	does not come on	333 070 00	33-30 TASK 801
	Does not go off	333 071 00	33-30 TASK 801

AKS ALL

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FAULT DESCRIPTION 33-3 LIGHTS - CARGO AND SERVICE COMPARTMENT LIG	FAULT CODE HTS (continued)	GO TO FIM TASK
Wheel well light		
does not come on		
- main landing gear	333 010 00	33-30 TASK 801
- nose landing gear	333 020 00	33-30 TASK 801
does not go off		
- main landing gear	333 011 00	33-30 TASK 801
- nose landing gear	333 021 00	33-30 TASK 801
33-4 LIGHTS - EXTERIOR LIGHTS		
Airstair tread light		
does not come on	334 290 00	33-40 TASK 801
Does not go off	334 291 00	33-40 TASK 801
Anti-collision (strobe) light		
Does not go off		
- left wing	334 250 41	33-44 TASK 801
- right wing	334 250 42	33-44 TASK 801
- tail	334 260 00	33-44 TASK 801
Anti-collision light		
does not come on correctly		
- left wing	334 230 41	33-44 TASK 801
- lower	334 270 47	33-44 TASK 801
- right wing	334 230 42	33-44 TASK 801
- tail	334 240 00	33-44 TASK 801
- upper	334 270 46	33-44 TASK 801
Does not go off		
- lower	334 280 47	33-44 TASK 801
- upper	334 280 46	33-44 TASK 801
Landing light		
does not come on		
- left fixed	334 030 41	33-40 TASK 801
- left retractable	334 040 41	33-40 TASK 801
- right fixed	334 030 42	33-40 TASK 801
- right retractable	334 040 42	33-40 TASK 801

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FAULT DESCRIPTION 33-4 LIGHTS - EXTERIOR LIGHTS (continued)	FAULT CODE	GO TO FIM TASK
Does not extend		
- left retractable	334 060 41	33-40 TASK 801
- right retractable	334 060 42	33-40 TASK 801
Does not go off		
- left fixed	334 070 41	33-40 TASK 801
- left retractable	334 080 41	33-40 TASK 801
- right fixed	334 070 42	33-40 TASK 801
- right retractable	334 080 42	33-40 TASK 801
does not retract		
- left retractable	334 100 41	33-40 TASK 801
- right retractable	334 100 42	33-40 TASK 801
Logo light		
does not come on		
- left	334 340 41	33-40 TASK 801
- right	334 340 42	33-40 TASK 801
Does not go off		
- left	334 350 41	33-40 TASK 801
- right	334 350 42	33-40 TASK 801
Position (NAV) light		
does not come on		
- left wing aft	334 120 41	33-40 TASK 801
- left wing forward	334 110 41	33-40 TASK 801
- right wing aft	334 120 42	33-40 TASK 801
- right wing forward	334 130 42	33-40 TASK 801
Does not go off		
- left wing aft	334 200 41	33-40 TASK 801
- left wing forward	334 190 41	33-40 TASK 801
- right wing aft	334 200 42	33-40 TASK 801
- right wing forward	334 210 42	33-40 TASK 801
Runway turnoff light		
does not come on		
- left	334 300 41	33-40 TASK 801
- right	334 300 42	33-40 TASK 801

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FAULT DESCRIPTION 33-4 LIGHTS - EXTERIOR LIGHTS (continued)	FAULT CODE	GO TO FIM TASK
Does not go off		
- left	334 310 41	33-40 TASK 801
- right	334 310 42	33-40 TASK 801
Taxi light		
does not come on	334 320 00	33-40 TASK 801
Does not go off	334 330 00	33-40 TASK 801
Wing illumination light		
does not come on		
- left	334 010 41	33-40 TASK 801
- right	334 010 42	33-40 TASK 801
Does not go off		
- left	334 020 41	33-40 TASK 801
- right	334 020 42	33-40 TASK 801
34-1 NAVIGATION - FLIGHT ENVIRONMENT DATA		
Mach airspeed warning		
 does not sound when MACH AIRSPEED WARNING TEST switch is pushed 		
- NO 1	341 030 01	34-16 TASK 801
- NO 2	341 030 02	34-16 TASK 801
34-2 NAVIGATION - ATTITUDE AND DIRECTION		
Airspeed display		
does not show		
- captain's	342 045 31	31-63 TASK 809
- first officer's	342 045 32	31-63 TASK 809
minimum manuever speed or minimum speed on captain's PFD disagrees with first officer's PFD	342 044 00	34-21 TASK 830
ALIGN lights for the L and R IRS		
lights on flashing	342 230 00	34-21 TASK 805
ALT DISAGREE message shows on airpseed display		
- captain's	342 091 31	31-62 TASK 875
- first officer's	342 091 32	31-62 TASK 875
ALT flag shows on the EFIS display		
- captain's	342 080 31	34-21 TASK 827
- first officer's	342 080 32	34-21 TASK 828

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FAULT DESCRIPTION 34-2 NAVIGATION - ATTITUDE AND DIRECTION (continue)	FAULT CODE d)	GO TO FIM TASK
Altitude display		
• is blank		
- captain's	342 090 31	31-63 TASK 809
- first officer's	342 090 32	31-63 TASK 809
Angle of attack (AOA) indication on PFD		
captain's and first officer's indicators do not agree	342 151 00	34-21 TASK 834
ATT flag shows on the EFIS display		
- captain's	342 010 31	34-21 TASK 825
- first officer's	342 010 32	34-21 TASK 826
Attitude display		
does not show		
- captain's	342 015 31	31-63 TASK 809
- first officer's	342 015 32	31-63 TASK 809
Call horn		
 Sounds, ADIRU power problem, ON DC light on 		
- left	342 200 41	34-21 TASK 829
- right	342 200 42	34-21 TASK 829
Sounds, equipment cooling problem	342 190 00	34-21 TASK 829
DC FAIL light for the IRS on		
- left	342 060 41	34-21 TASK 842
- right	342 060 42	34-21 TASK 842
FAULT light for the IRS		
• light on		
- left	342 070 41	34-21 TASK 803
- right	342 070 42	34-21 TASK 803
HDG/TRK flag shows on the EFIS display		
- captain's	342 130 31	34-21 TASK 825
- first officer's	342 130 32	34-21 TASK 826
Heading/track display		
does not show		
- captain's	342 140 31	34-21 TASK 825
- first officer's	342 140 32	34-21 TASK 826

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FAULT DESCRIPTION 34-2 NAVIGATION - ATTITUDE AND DIRECTION (continued)	FAULT CODE	GO TO FIM TASK
IAS DISAGREE message shows on airpseed display		
- captain's	342 046 31	31-62 TASK 876
- first officer's	342 046 32	31-62 TASK 876
Integrated standby flight display		
ALT flag shows	342 602 00	34-24 TASK 805
ATT flag shows	342 603 00	34-24 TASK 806
attitude display disagrees with primary display; no flag shows	342 611 00	34-24 TASK 814
display blank	342 601 00	34-24 TASK 804
G/S flag shows	342 604 00	34-24 TASK 808
HDG flag shows	342 605 00	34-24 TASK 809
LOC flag shows	342 606 00	34-24 TASK 808
OUT OF ORDER flag shows	342 607 00	34-24 TASK 810
PROGRAM PIN ERROR flag shows	342 608 00	34-24 TASK 811
SPD flag shows	342 609 00	34-24 TASK 812
WAIT ATT flag shows	342 610 00	34-24 TASK 807
IRS display unit (ISDU)		
maintenance code shows in right window when HDG/STS mode selected	342 220 00	34-21 TASK 835
PITCH message shows on the attitude display		
- captain's	342 020 31	34-21 TASK 825
- first officer's	342 020 32	34-21 TASK 826
ROLL message shows on the attitude display		
- captain's	342 030 31	34-21 TASK 825
- first officer's	342 030 32	34-21 TASK 826
SPD flag shows on the EFIS display		
- captain's	342 040 31	34-21 TASK 827
- first officer's	342 040 32	34-21 TASK 828
Standby magnetic compass error	342 510 00	34-23 TASK 801
TAS data		
 does not show on the navigation display 		
- captain's	342 120 31	34-21 TASK 827
- first officer's	342 120 32	34-21 TASK 828

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FAULT DESCRIPTION 34-2 NAVIGATION - ATTITUDE AND DIRECTION (continued)	FAULT CODE	GO TO FIM TASK
TAT data		
does not show on the engine display	342 050 00	34-21 TASK 813
VERIFY POSITION message shows on CDU and POS SHIFT page shows large IRS drift	342 225 00	34-21 TASK 836
Vertical speed data		
 does not show 		
- captain's	342 180 31	31-63 TASK 809
- first officer's	342 180 32	31-63 TASK 809
Vertical speed pointer		
 does not show 		
- captain's	342 185 31	34-21 TASK 825
- first officer's	342 185 32	34-21 TASK 826
VSI flag shows		
- captain's	342 175 31	34-21 TASK 825
- first officer's	342 175 32	34-21 TASK 826
34-3 NAVIGATION - LANDING AND TAXIING AIDS		
G/S flag shows on the EFIS display		
- captain's	343 030 31	34-31 TASK 806
- first officer's	343 030 32	34-31 TASK 807
ILS		
 Audio tone does not occur or is weak 		
- captain's	343 070 31	34-31 TASK 811
- first officer's	343 070 32	34-31 TASK 811
frequency shows dashes		
- ILS 1	343 060 01	34-31 TASK 810
- ILS 2	343 060 02	34-31 TASK 810
 test problem when you push the TEST switch on the navigation control panel 		
- captain's	343 020 31	34-31 TASK 801
- first officer's	343 020 32	34-31 TASK 801
LOC flag shows on the EFIS display		
- captain's	343 010 31	34-31 TASK 806
- first officer's	343 010 32	34-31 TASK 807

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FAULT DESCRIPTION 34-3 NAVIGATION - LANDING AND TAXIING AIDS (continued)	FAULT CODE I)	GO TO FIM TASK
Localizer and glideslope pointers		
 do not show, LOC and G/S flags do not show 		
- captain's	343 050 31	34-31 TASK 809
- first officer's	343 050 32	34-31 TASK 809
Marker beacon		
Audio tone does not occur or is weak when passing marker, indications are normal	343 110 00	34-32 TASK 801
FT does not show on the display when you push the TEST switch on the navigation control panel	343 150 00	34-32 TASK 803
 indication does not show on the display when passing marker, audio tone does not occur or is weak 	343 120 00	34-32 TASK 802
indication does not show on the display when passing marker, audio tone is normal	343 130 00	34-32 TASK 803
test problem when you push the TEST switch on the navigation control panel	343 140 00	34-51 TASK 801
Multi-mode receiver		
does not respond when TEST button pushed	343 330 00	34-31 TASK 818
Navigation control panel		
panel problem	343 040 00	34-31 TASK 808
RA flag shows on the display		
- captain's	343 210 31	34-33 TASK 801
- first officer's	343 210 32	34-33 TASK 801
Radio altitude		
 altitude indication blank and RA flag does not show 		
- captain's	343 220 31	34-33 TASK 805
- first officer's	343 220 32	34-33 TASK 805
 disagrees with other radio or barometric altitude indications, and RA flag does not show 		
- captain's	343 221 31	34-33 TASK 801
- first officer's	343 221 32	34-33 TASK 801
34-4 NAVIGATION - INDEPENDENT POSITION DETERMINING	<u>i</u>	
GPWS		
BITE display is blank	344 420 00	34-46 TASK 821

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FAULT DESCRIPTION 34-4 NAVIGATION - INDEPENDENT POSITION DETERMININ	FAULT CODE IG (continued)	GO TO FIM TASK
GPWS INOP light		
• light on	344 410 00	34-46 TASK 801
Ground proximity		
Terrain display does not show		
- captain's	344 480 31	34-46 TASK 853
- captain's and first officer's	344 480 48	34-46 TASK 853
- first officer's	344 480 32	34-46 TASK 853
MAP/TERR RANGE DISAGREE message shows	344 470 00	34-46 TASK 858
MAP/WXR RANGE DISAGREE message shows		
- captain's	344 020 31	34-43 TASK 810
- first officer's	344 020 32	34-43 TASK 811
PWS FAIL message shows	344 010 00	34-43 TASK 815
TCAS		
display blank		
- captain's	344 310 31	34-45 TASK 817
- captain's and first officer's	344 310 48	34-45 TASK 817
- first officer's	344 310 32	34-45 TASK 817
 intruder symbol stays directly in front of the airplane symbol on the navigation display 	344 350 00	34-45 TASK 814
• intruder symbols do not show on the navigation display .	344 380 00	34-45 TASK 814
intruder symbols show when the airplane is on the ground	344 320 00	34-45 TASK 820
navigation display shows TCAS OFF with the control panel selector switch at TA	344 330 00	34-45 TASK 815
 navigation display shows TCAS OFF with the control panel selector switch at TA/RA	344 340 00	34-45 TASK 815
system test does not start when the TEST switch is pushed	344 390 00	34-45 TASK 819
system test problem	344 395 00	34-45 TASK 818
voice annunciation (aural) problem	344 360 00	34-45 TASK 816
TCAS FAIL flag on navigation display		
Shows with ATC transponder selector at TA and does not show with selector at TA/RA	344 371 00	34-45 TASK 821
Shows with ATC transponder selector at TA and shows with selector at TA/RA	344 370 00	34-45 TASK 821

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FAULT DESCRIPTION 34-4 NAVIGATION - INDEPENDENT POSITION DETERMININ	FAULT CODE IG (continued)	GO TO FIM TASK
Shows with ATC transponder selector at TA/RA and		
does not show with selector at TA	344 372 00	34-45 TASK 823
TERR FAIL message shows	344 450 00	34-46 TASK 856
TERR POS message shows	344 430 00	34-46 TASK 856
TERR RANGE DISAGREE message shows	344 460 00	34-46 TASK 857
Vertical Situation Display problem		
- captain's	344 501 31	34-46 TASK 801
- first officer's	344 501 32	34-46 TASK 801
VSD flag shows		
- captain's	344 502 31	34-46 TASK 860
- first officer's	344 502 32	34-46 TASK 861
Weather radar		
display blank		
- captain's	344 090 31	34-43 TASK 814
- first officer's	344 090 32	34-43 TASK 814
gain control problem		
- left	344 100 41	34-43 TASK 814
- right	344 100 42	34-43 TASK 814
mode selector problem		
- left	344 110 41	34-43 TASK 804
- right	344 110 42	34-43 TASK 804
no aural warnings during system displays test (predictive windshear)	344 140 00	34-43 TASK 820
 returns weak or incorrect colors on CDS 		
- captain's	344 120 31	34-43 TASK 802
- first officer's	344 120 32	34-43 TASK 802
Tilt control problem		
- left	344 130 41	34-43 TASK 814
- right	344 130 42	34-43 TASK 814
WINDSHEAR does not show during system displays test (predictive windshear)	344 150 00	34-43 TASK 802
WXR ATT message shows		
- captain's	344 030 31	34-43 TASK 806
- first officer's	344 030 32	34-43 TASK 806

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FAULT DESCRIPTION 34-4 NAVIGATION - INDEPENDENT POSITION DETERMINING	FAULT CODE G (continued)	GO TO FIM TASK
WXR DSPY message shows		
- captain's	344 040 31	34-43 TASK 812
- first officer's	344 040 32	34-43 TASK 813
WXR FAIL message shows		
- captain's	344 050 31	34-43 TASK 801
- first officer's	344 050 32	34-43 TASK 801
WXR RANGE DISAGREE message shows		
- captain's	344 060 31	34-43 TASK 808
- first officer's	344 060 32	34-43 TASK 809
WXR WEAK message shows		
- captain's	344 080 31	34-43 TASK 802
- first officer's	344 080 32	34-43 TASK 802
34-5 NAVIGATION - DEPENDENT POSITION DETERMINING		
ADF		
Audio problem		
- no. 1	345 310 01	34-57 TASK 806
- no. 2	345 310 02	34-57 TASK 807
 Bearing pointer 1 does not show, ADF flag does not show 		
- no. 1	345 370 01	34-57 TASK 820
 Bearing pointer 2 does not show, ADF flag does not show 		
- no. 2	345 370 02	34-57 TASK 821
indication blank		
- no. 1 captain's	345 320 31	34-57 TASK 808
- no. 1 captain's and first officer's	345 320 48	34-57 TASK 810
- no. 1 first officer's	345 320 32	34-57 TASK 809
- no. 2 captain's	345 330 31	34-57 TASK 811
- no. 2 captain's and first officer's	345 330 48	34-57 TASK 813
- no. 2 first officer's	345 330 32	34-57 TASK 812
Tone problem		
- no. 1	345 340 01	34-57 TASK 814
- no. 2	345 340 02	34-57 TASK 815
ADF control panel problem	345 380 00	34-57 TASK 822

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FAULT DESCRIPTION 34-5 NAVIGATION - DEPENDENT POSITION DETERMINING	FAULT CODE (continued)	GO TO FIM TASK
ADF flag shows on the display		
- no. 1 captain's	345 350 31	34-57 TASK 816
- no. 1 first officer's	345 350 32	34-57 TASK 817
- no. 2 captain's	345 360 31	34-57 TASK 818
- no. 2 first officer's	345 360 32	34-57 TASK 819
ATC		
Altitude reporting does not operate		
- no. 1	345 110 01	34-53 TASK 801
- no. 1 and no. 2	345 110 48	34-53 TASK 801
- no. 2	345 110 02	34-53 TASK 801
code indicator does not respond to selector movement .	345 120 00	34-53 TASK 814
Transmission weak or intermittent		
- no. 1	345 130 01	34-53 TASK 802
- no. 1 and no. 2	345 130 48	34-53 TASK 801
- no. 2	345 130 02	34-53 TASK 803
Transponder fail light on	345 140 00	34-53 TASK 801
DME		
distance shows dashes		
- DME1	345 230 01	34-55 TASK 801
- DME2	345 230 02	34-55 TASK 801
 test problem when you push the TEST switch on the navigation control panel 		
- captain's	345 210 31	34-55 TASK 801
- first officer's	345 210 32	34-55 TASK 801
DME1 shows on the display	345 220 01	34-55 TASK 802
DME2 shows on the display	345 220 02	34-55 TASK 802
IRS mode select unit		
GPS light comes on when Master Caution pushed	345 411 00	34-58 TASK 802
GPS light stays on continuously	345 410 00	34-58 TASK 801
ILS light comes on when Master Caution pushed	345 415 00	34-31 TASK 820
ILS light stays on continuously	345 414 00	34-31 TASK 819
ILS, GLS and GPS lights all come on when Master Caution pushed	345 417 00	34-31 TASK 824

AKS ALL

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FAULT DESCRIPTION 34-5 NAVIGATION - DEPENDENT POSITION DETERMINING	FAULT CODE (continued)	GO TO FIM TASK
ILS, GLS and GPS lights all stay on continuously	345 416 00	34-31 TASK 823
VOR		
Audio tone does not occur or is weak		
- captain's	345 010 31	34-51 TASK 809
- first officer's	345 010 32	34-51 TASK 809
Bearing pointer 1 does not show, VOR1 flag does not show	345 030 01	34-51 TASK 805
Bearing pointer 2 does not show, VOR2 flag does not show	345 030 02	34-51 TASK 805
 deviation bar does not show on the navigation display 		
- VOR1	345 050 01	34-51 TASK 806
- VOR2	345 050 02	34-51 TASK 806
 test problem when you push the TEST switch on the navigation control panel 		
- captain's	345 020 31	34-51 TASK 801
- first officer's	345 020 32	34-51 TASK 801
 TO/FROM indication does not show on the navigation display 		
- VOR1	345 060 01	34-51 TASK 810
- VOR2	345 060 02	34-51 TASK 810
VOR frequency		
shows dashes		
- VOR1	345 070 01	34-51 TASK 807
- VOR2	345 070 02	34-51 TASK 807
VOR1 flag shows on the display	345 040 01	34-51 TASK 801
VOR2 flag shows on the display	345 040 02	34-51 TASK 801
34-6 NAVIGATION - FLIGHT MANAGEMENT COMPUTING		
CDU		
brightness control problem		
- captain's	346 020 31	34-61 TASK 803
- first officer's	346 020 32	34-61 TASK 803
DATA BASE INVALID message shows	346 360 00	34-61 TASK 818

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FAULT DESCRIPTION 34-6 NAVIGATION - FLIGHT MANAGEMENT COMPUTING	FAULT CODE (continued)	GO TO FIM TASK
DATALINK FAIL message shows		
- captain's	346 365 31	23-27 TASK 801
- first officer's	346 365 32	23-27 TASK 801
display blank		
- captain's	346 040 31	34-61 TASK 804
- first officer's	346 040 32	34-61 TASK 804
display is dim or out of focus		
- captain's	346 050 31	34-61 TASK 803
- first officer's	346 050 32	34-61 TASK 803
DME data on NAV STATUS display shows FAIL	346 510 00	34-61 TASK 801
 EXEC key does not operate when pushed 		
- captain's	346 060 31	34-61 TASK 805
- first officer's	346 060 32	34-61 TASK 805
 EXEC key light bar does not come on 		
- captain's	346 065 31	34-61 TASK 806
- first officer's	346 065 32	34-61 TASK 806
FAIL light is on	346 080 00	34-61 TASK 807
FMC shows in the middle of the display	346 070 00	34-61 TASK 807
GPS-L data on POS REF display is missing	346 460 00	34-61 TASK 801
GPS-R data on POS REF display is missing	346 470 00	34-61 TASK 801
GS data on POS REF display is missing	346 480 00	34-61 TASK 801
ILS data on NAV STATUS display shows FAIL	346 500 00	34-61 TASK 801
IRS-L data on POS REF display is missing	346 440 00	34-61 TASK 801
IRS-R data on POS REF display is missing	346 450 00	34-61 TASK 801
key does not operate when pushed		
- captain's	346 010 31	34-61 TASK 802
- first officer's	346 010 32	34-61 TASK 802
MODEL/ENG DATA INVALID message shows	346 380 00	34-61 TASK 819
MSG light does not come on		
- captain's	346 270 31	34-61 TASK 810
- first officer's	346 270 32	34-61 TASK 810

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FAULT DESCRIPTION 34-6 NAVIGATION - FLIGHT MANAGEMENT COMPUTING	FAULT CODE (continued)	GO TO FIM TASK
OFST light does not come on		
- captain's	346 280 31	34-61 TASK 810
- first officer's	346 280 32	34-61 TASK 810
OP PROGRAM INVALID shows in the middle of the	246 060 00	24 04 TAOK 044
display	346 260 00	34-61 TASK 811
PRINTER FAIL message shows	346 375 00	31-33 TASK 804
PROGRAM PIN ERROR message shows	346 390 00	34-61 TASK 820
PROGRAM PIN NOT IN DB message shows	346 400 00	34-61 TASK 821
SCANNING DME FAIL message shows	346 350 00	34-61 TASK 801
SINGLE FMC OPERATION message shows	346 370 00	34-61 TASK 807
VOR data on NAV STATUS display shows FAIL	346 490 00	34-61 TASK 801
FMC DISAGREE message shows on CDU	346 075 00	34-61 TASK 835
FMC menu prompt flashes or is slow to respond	346 131 00	34-61 TASK 838
FMC Nav data crossloading problem	346 120 00	34-61 TASK 832
FMC software load		
CHECK DBL OR INTERFACE message shows on CDU	346 290 00	34-61 TASK 812
CHECK MEDIA message shows on CDU	346 330 00	34-61 TASK 816
DB EXCEEDS FMC MEMORY message shows on CDU	346 300 00	34-61 TASK 813
DB-OFP INCOMPATIBLE message shows on CDU	346 320 00	34-61 TASK 815
INCORRECT DISK INSERTED message shows on		
CDU	346 340 00	34-61 TASK 817
• RESET COUNT EXCEEDED message shows on CDU .	346 310 00	34-61 TASK 814
MAP flag shows on CDS		
- captain's	346 090 31	34-61 TASK 801
- first officer's	346 090 32	34-61 TASK 801
MAP RANGE DISAGREE message shows		
- captain's	346 100 31	34-61 TASK 830
- first officer's	346 100 32	34-61 TASK 830
NAV DATA OUT OF DATE message shows on CDU	346 160 00	34-61 TASK 808
RESYNC FAIL, SINGLE FMC OP/SINGLE FMC OP message shows on CDU	346 180 00	34-61 TASK 832

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FAULT DESCRIPTION 34-6 NAVIGATION - FLIGHT MANAGEMENT COMPUTING	FAULT CODE (continued)	GO TO FIM TASK
Thrust mode		
does not show on the engine display	346 230 00	34-61 TASK 809
VTK flag shows		
- captain's	346 200 31	34-61 TASK 801
- first officer's	346 200 32	34-61 TASK 801
35-1 OXYGEN - CREW		
Crew oxygen pressure indicator		
does not agree with bottle pressure	351 010 00	35-12 TASK 801
pressure decreases	351 020 00	35-12 TASK 802
pressure low	351 030 00	35-12 TASK 803
Pressure zero	351 040 00	35-12 TASK 804
Oxygen mask, flight crew		
damaged		
- captain's	351 050 31	35-12 TASK 805
- first officer's	351 050 32	35-12 TASK 805
- observer's	351 050 33	35-12 TASK 805
difficult to release from stowage		
- captain's	351 060 31	35-12 TASK 806
- first observer's	351 060 33	35-12 TASK 806
- first officer's	351 060 32	35-12 TASK 806
harness fails to deflate		
- captain's	351 070 31	35-12 TASK 805
- first observer's	351 070 33	35-12 TASK 805
- first officer's	351 070 32	35-12 TASK 805
harness fails to inflate		
- captain's	351 080 31	35-12 TASK 805
- first observer's	351 080 33	35-12 TASK 805
- first officer's	351 080 32	35-12 TASK 805
harness leaking		
- captain's	351 090 31	35-12 TASK 805
- first observer's	351 090 33	35-12 TASK 805
- first officer's	351 090 32	35-12 TASK 805

AKS ALL

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FAULT DESCRIPTION 35-1 OXYGEN - CREW (continued)	FAULT CODE	GO TO FIM TASK
hose problem		
- captain's	351 100 31	35-12 TASK 805
- first officer's	351 100 32	35-12 TASK 805
- observer's	351 100 33	35-12 TASK 805
panel (door, pin, etc.) damaged		
- captain's	351 110 31	35-12 TASK 807
- first officer's	351 110 32	35-12 TASK 807
- observer's	351 110 33	35-12 TASK 807
Oxygen regulator operation		
Difficult to exhale		
- captain's	351 120 31	35-12 TASK 805
- first observer's	351 120 33	35-12 TASK 805
- first officer's	351 120 32	35-12 TASK 805
leaking		
- captain's	351 130 31	35-12 TASK 805
- first observer's	351 130 33	35-12 TASK 805
- first officer's	351 130 32	35-12 TASK 805
no pressure breathing available		
- captain's	351 140 31	35-12 TASK 805
- first observer's	351 140 33	35-12 TASK 805
- first officer's	351 140 32	35-12 TASK 805
35-2 OXYGEN - PASSENGER		
Oxygen masks, passenger		
Masks (all) do not drop when PASS OXYGEN switch manually set to ON	352 030 00	35-22 TASK 803
PASS OXY ON light		
light does not come on during automatic oxygen system deployment	352 050 00	35-22 TASK 806
light does not come on during manual oxygen system deployment	352 040 00	35-22 TASK 805
light on, all masks dropped automatically, switch was not moved, cabin pressure was normal	352 010 00	35-22 TASK 801
light on, all masks failed to drop automatically, masks dropped after PASS OXY switch was moved	352 020 00	35-22 TASK 802

AKS ALL

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FAULT DESCRIPTION 35-3 OXYGEN - PORTABLE	FAULT CODE	GO TO FIM TASK
Crew portable oxygen		
• damaged	353 010 00	35-99 TASK 801
• pressure low	353 020 00	35-99 TASK 801
• was used	353 030 00	35-99 TASK 801
36-1 PNEUMATIC - DISTRIBUTION		
BLEED TRIP OFF light comes on		
during climb		
- light No. 1	361 012 01	36-10 TASK 801
- light No. 2	361 012 02	36-10 TASK 801
during cruise		
- light No. 1	361 013 01	36-10 TASK 801
- light No. 2	361 013 02	36-10 TASK 801
during idle descent		
- light No. 1	361 014 01	36-10 TASK 801
- light No. 2	361 014 02	36-10 TASK 801
during takeoff		
- light No. 1	361 011 01	36-10 TASK 801
- light No. 2	361 011 02	36-10 TASK 801
Bleed valve		
does not close when the bleed switches are moved to off, the engine is the bleed source	361 020 00	36-10 TASK 802
Duct pressure indication		
high, the engine is the bleed source	361 030 00	36-10 TASK 803
L and R pointers not the same (split), the APU is the bleed source	361 080 00	36-10 TASK 808
L and R pointers not the same (split), with either pointer below 18 psig during takeoff, climb and cruise; the engine is the bleed source	361 070 00	36-10 TASK 807
low (below 18 psig) during takeoff, climb and cruise; the engine is the bleed source	361 040 00	36-10 TASK 804
• Zero, the engine is the bleed source	361 050 00	36-10 TASK 805
Isolation valve		
does not operate correctly	361 060 00	36-10 TASK 806

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FAULT DESCRIPTION 38-1 WATER/WASTE - POTABLE WATER	FAULT CODE	GO TO FIM TASK
Galley faucet leaks or faucet damaged	381 045 00	25-99 TASK 801
Potable water		
auxiliary tank (40-gallon) leaks	381 042 00	25-99 TASK 801
main tank (60-gallon) leaks	381 041 00	25-99 TASK 801
System does not pressurize	381 020 00	38-10 TASK 803
tank does not fill	381 030 00	38-10 TASK 801
• tank leaks	381 040 00	38-10 TASK 802
Water leakage		
- aft cargo compartment ceiling	381 050 45	38-10 TASK 804
- forward cargo compartment ceiling	381 050 44	38-10 TASK 804
38-3 WATER/WASTE - WASTE DISPOSAL		
Toilet flush system		
does not flush		
- all toilets	383 121 48	38-30 TASK 811
Waste quantity indicator		
Shows tank is empty when tank is full		
- attendant's panel	383 050 00	38-30 TASK 810
Shows tank is full when tank is not full	000 040 00	00 00 71 01/ 01/
- attendant's panel	383 040 00	38-30 TASK 810
Waste tank		
does not precharge	383 020 00	38-30 TASK 812
Waste tank drain valve handle		
Does not drain tank when pulled	383 030 00	38-30 TASK 813
46-1 INFORMATION SYSTEMS - AIRPLANE GENERAL INFO	ORMATION SYSTEM	<u>s</u>
Electronic flight bag		
 "Aircraft Model Unknown" shows on display 		
- captain's	461 730 31	46-15 TASK 818
- first officer's	461 730 32	46-15 TASK 818
EFB OS Corrupted Message shows on display	404 704 04	40 45 TAOK 004
- captain's	461 731 31 461 731 32	46-15 TASK 831 46-15 TASK 831
- III3t UIII0 0 13	40113132	40-13 IASK 031

AKS ALL

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FAULT DESCRIPTION 46-1 INFORMATION SYSTEMS - AIRPLANE GENERAL	FAULT CODE INFORMATION SYSTEMS	GO TO FIM TASK (continued)
ERROR CROSSLOADING TO EFB shows on display		
- captain's	461 732 31	46-15 TASK 846
- first officer's	461 732 32	46-15 TASK 846
 ERROR DELETING LSAP shows on display 		
- captain's	461 733 31	46-15 TASK 820
- first officer's	461 733 32	46-15 TASK 820
 ERROR READING LSAP shows on display 		
- captain's	461 734 31	46-15 TASK 842
- first officer's	461 734 32	46-15 TASK 842
FILE SYSTEM CORRUPTED shows on display		
- captain's	461 735 31	46-15 TASK 819
- first officer's	461 735 32	46-15 TASK 819
 LOAD TO RIGHT EFB FAILED shows on display 		
- captain's	461 736 31	46-15 TASK 843
- first officer's	461 736 32	46-15 TASK 843
 message shows on fault log page (Class 2 EFB) 		
- captain's	461 696 31	46-15 TASK 801
- first officer's	461 696 32	46-15 TASK 801
 START CROSSLOAD FAILED shows on display 		
- captain's	461 737 31	46-15 TASK 850
- first officer's	461 737 32	46-15 TASK 850
 SYSTEM ERROR shows on display 		
- captain's	461 738 31	46-15 TASK 845
- first officer's	461 738 32	46-15 TASK 845
 SYSTEM SETTIGNS CHANGE shows on display 		
- captain's	461 739 31	46-15 TASK 851
- first officer's	461 739 32	46-15 TASK 851
 TAIL ID COMPUTED shows on display 		
- captain's	461 740 31	46-15 TASK 840
- first officer's	461 740 32	46-15 TASK 840
 TAIL ID MISMATCH shows on display 		
- captain's	461 741 31	46-15 TASK 816
- first officer's	461 741 32	46-15 TASK 816

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FAULT DESCRIPTION 46-1 INFORMATION SYSTEMS - AIRPLANE GENERAL INF	FAULT CODE FORMATION SYSTEM	GO TO FIM TASK (continued)
 TIME CHANGED FROM shows on display 		
- captain's	461 742 31	46-15 TASK 848
- first officer's	461 742 32	46-15 TASK 848
• "Unable to determine date and time" shows on display		
- captain's	461 743 31	46-15 TASK 841
- first officer's	461 743 32	46-15 TASK 841
 "Unable to set date and time" shows on display 		
- captain's	461 744 31	46-15 TASK 847
- first officer's	461 744 32	46-15 TASK 847
 "Your battery is critically low" shows on display 		
- captain's	461 745 31	46-15 TASK 839
- first officer's	461 745 32	46-15 TASK 839
Onboard Network System		
• shows "System dataload state is currently disabled"	461 801 00	46-13 TASK 856
47-0 INERT GAS SYSTEM - INERT GAS SYSTEM		
Nitrogen generation system		
• operability indicator DEGRADED (blue) light is on	470 813 00	47-31 TASK 840
operability indicator has all lights off	470 812 00	47-31 TASK 801
• operability indicator INOPERATIVE (amber) light is on	470 811 00	47-31 TASK 801
49-1 AUXILIARY POWER UNIT - POWER PLANT		
APU		
air inlet door does not fully open or fully close	491 010 00	49-60 TASK 801
Vibration is excessive	491 020 00	49-15 TASK 807
APU starter-generator		
noisy during APU start	491 030 00	49-45 TASK 803
49-2 AUXILIARY POWER UNIT - ENGINE		
APU		
does not start, FAULT light on	492 100 00	49-60 TASK 801
does not start, MAINT light on	492 110 00	49-60 TASK 801
does not start, no APU indication lights on	492 130 00	49-15 TASK 805
does not start, OVER SPEED light on	492 120 00	49-60 TASK 801
oil consumption high	492 140 00	49-95 TASK 801
on concentration ingit	102 110 00	10 00 11 1011 00 1

AKS ALL

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FAULT DESCRIPTION 49-2 AUXILIARY POWER UNIT - ENGINE (continued)	FAULT CODE	GO TO FIM TASK
APU FAULT light		
light on, APU had a protective shutdown	492 010 00	49-60 TASK 801
• light on, APU operates without a protective shutdown	492 020 00	49-15 TASK 801
APU GEN OFF BUS light		
light not on, APU speed at 95%	492 050 00	49-15 TASK 804
APU LOW OIL PRESSURE light		
light on, APU had a protective shutdown	492 060 00	49-60 TASK 801
• light on, APU operates with no protective shutdown	492 030 00	49-15 TASK 802
APU MAINT light		
• light on	492 070 00	49-60 TASK 801
APU OVER SPEED light		
light on during APU shutdown	492 080 00	49-60 TASK 801
light on, APU had a protective shutdown	492 090 00	49-60 TASK 801
• light on, APU operates with no protective shutdown	492 040 00	49-15 TASK 803
Smoke or flame in APU exhaust	492 150 00	49-55 TASK 801
Surge of APU during main engine start	492 160 00	49-55 TASK 808
49-3 AUXILIARY POWER UNIT - ENGINE FUEL AND CONT	ROL	
APU		
fuel valve does not fully open or fully close	493 010 00	49-60 TASK 801
49-4 AUXILIARY POWER UNIT - IGNITION/STARTING		
Battery voltage		
less than 22 volts with BAT switch at ON and no AC power on the charger	494 010 00	49-45 TASK 801
less than 26 volts with AC power on the charger	494 020 00	49-45 TASK 802
49-5 AUXILIARY POWER UNIT - AIR		
DUAL BLEED light		
light on, APU BLEED switch at OFF	495 010 00	49-55 TASK 803
Duct pressure indication		
low or not constant during main engine start, the APU is the bleed source	495 031 00	49-55 TASK 807
low or not constant during pack operation, the APU is the bleed source	495 032 00	49-55 TASK 806
• Zero, the APU is the bleed source	495 050 00	49-55 TASK 804

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FAULT DESCRIPTION	FAULT CODE	GO TO FIM TASK
49-6 AUXILIARY POWER UNIT - ENGINE CONTROLS		
APU BITE INOP message shows on the CDU	496 010 00	49-65 TASK 801
49-7 AUXILIARY POWER UNIT - INDICATING		
APU EGT indicator		
does not operate correctly	497 010 00	49-75 TASK 801
49-9 AUXILIARY POWER UNIT - OIL		
Fumes or smoke in cabin		
pneumatic power supplied by APU	499 010 00	49-55 TASK 802
52-1 DOORS - PASSENGER/CREW		
Door warning annunciator is on		
- AFT ENTRY	521 611 45	52-10 TASK 801
- FWD ENTRY	521 611 44	52-10 TASK 801
Entry door exterior handle		
Difficult to operate		
- aft	521 010 45	52-10 TASK 811
- forward	521 010 44	52-10 TASK 811
52-3 DOORS - CARGO		
Cargo door		
Difficult to open/close	523 010 00	52-30 TASK 801
does not unlatch/latch	523 020 00	52-30 TASK 802
Door warning annunciator is on		
- AFT CARGO	523 611 45	52-30 TASK 803
- FWD CARGO	523 611 44	52-30 TASK 803
52-4 DOORS - SERVICE		
Door warning annunciator is on		
- AFT SERVICE	524 611 45	52-10 TASK 801
- EQUIP	524 612 00	52-40 TASK 802
- FWD SERVICE	524 611 44	52-10 TASK 801
Galley service door exterior handle		
Difficult to operate	524 010 00	52-10 TASK 811
52-5 DOORS - FIXED INTERIOR		
Control cabin door		
Difficult to open/close	525 020 00	52-50 TASK 802

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FAULT DESCRIPTION 52-5 DOORS - FIXED INTERIOR (continued)	FAULT CODE	GO TO FIM TASK
• key is damaged	525 032 00	52-99 TASK 801
key is missing	525 030 00	52-99 TASK 801
Flight deck door (enhanced security door)		
chime does not sound with switch set to AUTO and correct code in keypad	525 121 00	52-50 TASK 808
chime sounds with switch set to DENY	525 131 00	52-50 TASK 807
does not lock with switch set to AUTO	525 141 00	52-50 TASK 804
does not unlock with switch set to AUTO and correct code in keypad	525 151 00	52-50 TASK 806
does not unlock with switch set to UNLKD	525 161 00	52-50 TASK 805
LOCK FAIL light is on	525 171 00	52-50 TASK 809
unlocks with switch set to DENY	525 181 00	52-50 TASK 807
56-1 WINDOWS - FLIGHT COMPARTMENT		
Window, flight compartment		
 delaminated, cracked, chipped, crazed, scratched, or has bubbles 		
- no. 1 left	561 010 41	56-11 TASK 802
- no. 1 right	561 010 42	56-11 TASK 802
- no. 2 left	561 020 41	56-11 TASK 802
- no. 2 right	561 020 42	56-11 TASK 802
- no. 3 left	561 030 41	56-11 TASK 802
- no. 3 right	561 030 42	56-11 TASK 802
Sliding difficult to operate		
- no. 2 left	561 070 41	56-11 TASK 801
- no. 2 right	561 070 42	56-11 TASK 801
Sliding has air leak		
- no. 2 left	561 080 41	56-11 TASK 801
- no. 2 right	561 080 42	56-11 TASK 801
• windows need cleaning	561 060 00	56-11 TASK 805
Birdstrike/FOD		
in engine, engine had a surge/stall		
- engine 1	710 030 51	71-05 TASK 805
- engine 2	710 030 52	71-05 TASK 805

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FAULT DESCRIPTION 71-0 POWER PLANT - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
in engine, engine parameters normal		
- engine 1	710 010 51	71-05 TASK 801
- engine 2	710 010 52	71-05 TASK 801
• in engine, engine parameters not normal or unknown		
- engine 1	710 020 51	71-05 TASK 801
- engine 2	710 020 52	71-05 TASK 801
EGT, FF, oil pressure, and oil temperature indications		
continue to show after engine shutdown		
- left engine	710 135 51	71-06 TASK 808
- right engine	710 135 52	71-06 TASK 808
Engine		
slow to accelerate		
- left engine	710 260 51	73-05 TASK 814
- right engine	710 260 52	73-05 TASK 814
slow to decelerate		
- left engine	710 270 51	73-05 TASK 816
- right engine	710 270 52	73-05 TASK 816
Engine Fire, Flames or Smoke		
Flames or Smoke from the Engine Exhaust or Center Plug		
- engine 1	710 040 51	71-05 TASK 811
- engine 2	710 040 52	71-05 TASK 811
Engine overspeed		
N1 over redline		
- engine 1	710 060 51	71-06 TASK 801
- engine 2	710 060 52	71-06 TASK 801
N2 over redline		
- engine 1	710 070 51	71-06 TASK 802
- engine 2	710 070 52	71-06 TASK 802
 reverse thrust (N1) over limit, write maximum N1 		
- engine 1	710 080 51	71-06 TASK 803
- engine 2	710 080 52	71-06 TASK 803

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FAULT DESCRIPTION 71-0 POWER PLANT - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
Engine overtemperature (except starting)		
EGT over amber band limit due to surge/stall		
- engine 1	710 100 51	71-05 TASK 804
- engine 2	710 100 52	71-05 TASK 804
EGT over amber band limit, no surge/stall		
- engine 1	710 090 51	71-06 TASK 804
- engine 2	710 090 52	71-06 TASK 804
EGT over redline due to surge/stall		
- engine 1	710 115 51	71-06 TASK 806
- engine 2	710 115 52	71-06 TASK 806
EGT over redline, no surge/stall		
- engine 1	710 110 51	71-06 TASK 805
- engine 2	710 110 52	71-06 TASK 805
Engine parameters		
EGT fluctuates at all power settings		
- engine 1	710 140 51	71-06 TASK 807
- engine 2	710 140 52	71-06 TASK 807
• EGT high		
- engine 1	710 150 51	71-06 TASK 807
- engine 2	710 150 52	71-06 TASK 807
• EGT low		
- engine 1	710 160 51	71-06 TASK 807
- engine 2	710 160 52	71-06 TASK 807
 N1, N2, EGT, and FF read low or fluctuate 		
- engine 1	710 130 51	73-06 TASK 809
- engine 2	710 130 52	73-06 TASK 809
Engine surge/stall		
 Surge/stall during acceleration or deceleration, engine operation normal after thrust was decreased to idle, engine shutdown 		
- engine 1	710 180 51	71-05 TASK 804
- engine 2	710 180 52	71-05 TASK 804

AKS ALL

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FAULT DESCRIPTION 71-0 POWER PLANT - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
 Surge/stall during acceleration or deceleration, engine operation not normal after thrust was decreased to idle, engine shutdown 		
- engine 1	710 190 51	71-05 TASK 804
- engine 2	710 190 52	71-05 TASK 804
 Surge/stall during reverse thrust, engine operation normal after thrust was decreased to idle 		
- engine 1	710 240 51	71-05 TASK 804
- engine 2	710 240 52	71-05 TASK 804
 Surge/stall during reverse thrust, engine operation not normal after thrust was decreased to idle 		
- engine 1	710 250 51	71-05 TASK 804
- engine 2	710 250 52	71-05 TASK 804
 Surge/stall during takeoff, engine operation normal after surge 		
- engine 1	710 200 51	71-05 TASK 804
- engine 2	710 200 52	71-05 TASK 804
 Surge/stall during takeoff, engine operation not normal after surge, engine shutdown 		
- engine 1	710 210 51	71-05 TASK 804
- engine 2	710 210 52	71-05 TASK 804
Engine vibration		
Vibration high		
- engine 1	710 232 51	71-05 TASK 808
- engine 2	710 232 52	71-05 TASK 808
Fumes or smoke in cabin		
 pneumatic power supplied by engine 		
- engine 1	710 300 51	71-05 TASK 807
- engine 2	710 300 52	71-05 TASK 807
Oil leakage or fuel leakage from drain at engine		
- left engine	710 811 51	71-05 TASK 810
- right engine	710 811 52	71-05 TASK 810

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FAULT DESCRIPTION 73-0 ENGINE FUEL AND CONTROL - GENERAL	FAULT CODE	GO TO FIM TASK
ALTN mode light for the EEC		
 light did not come on during the EEC test 		
- engine 1	730 350 51	73-05 TASK 810
- engine 2	730 350 52	73-05 TASK 810
• light on		
- engine 1	730 080 51	73-05 TASK 811
- engine 2	730 080 52	73-05 TASK 811
EEC		
does not power-up		
- engine 1	730 430 51	73-05 TASK 804
- engine 2	730 430 52	73-05 TASK 804
ENG FAIL message shows over EGT indication		
- engine 1	730 020 51	73-05 TASK 805
- engine 2	730 020 52	73-05 TASK 805
ENG VALVE CLOSED light		
 slow to go from bright to dim when start lever moved to CUTOFF 		
- engine 1	730 030 51	73-06 TASK 804
- engine 2	730 030 52	73-06 TASK 804
 slow to go from bright to off when start lever moved to IDLE 		
- engine 1	730 040 51	73-06 TASK 803
- engine 2	730 040 52	73-06 TASK 803
 Stays off for all start lever positions 		
- engine 1	730 061 51	73-06 TASK 815
- engine 2	730 061 52	73-06 TASK 815
 Stays off or bright when start lever moved to CUTOFF 		
- engine 1	730 050 51	73-06 TASK 804
- engine 2	730 050 52	73-06 TASK 804
 Stays on bright when start lever moved to IDLE, engine start was normal 		
- engine 1	730 060 51	73-06 TASK 805
- engine 2	730 060 52	73-06 TASK 805

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FAULT DESCRIPTION 73-0 ENGINE FUEL AND CONTROL - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
Engine		
Slow to shut down when start lever moved to CUTOFF		
- left engine	730 035 51	73-06 TASK 804
- right engine	730 035 52	73-06 TASK 804
Engine automatic acceleration with no thrust lever movement		
- engine 1	730 070 51	73-06 TASK 806
- engine 2	730 070 52	73-06 TASK 806
Engine BITE		
BITE INOP shows on the CDU		
- engine 1	730 420 51	73-05 TASK 802
- engine 2	730 420 52	73-05 TASK 802
CH A EEC DATA NOT AVAILABLE shows on the CDU		
- engine 1	730 400 51	73-05 TASK 803
- engine 2	730 400 52	73-05 TASK 803
CH B EEC DATA NOT AVAILABLE shows on the CDU		
- engine 1	730 410 51	73-05 TASK 803
- engine 2	730 410 52	73-05 TASK 803
 ENGINE MAINTENANCE CAN NOT BE ACCESSED - THE ENGINE'S FLIGHT INDICATOR SHOWS FLIGHT shows on the CDU, airplane is on the ground 		
- engine 1	730 440 51	73-05 TASK 813
- engine 2	730 440 52	73-05 TASK 813
 FLIGHT LEGS BETWEEN CHANNEL A AND CHANNEL B ARE NOT SYNCHRONIZED shows on Recent Faults page or Fault History page 		
- engine 1	730 456 51	73-05 TASK 815
- engine 2	730 456 52	73-05 TASK 815
maintenance message does not erase		
- engine 1	730 450 51	73-06 TASK 814
- engine 2	730 450 52	73-06 TASK 814
ENGINE CONTROL light		
 light did not come on during the EEC test 		
- engine 1	730 330 51	73-06 TASK 813
- engine 2	730 330 52	73-06 TASK 813

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FAULT DESCRIPTION 73-0 ENGINE FUEL AND CONTROL - GENERAL (continued	FAULT CODE	GO TO FIM TASK
• light on		
- engine 1	730 010 51	73-06 TASK 801
- engine 2	730 010 52	73-06 TASK 801
Engine flameout		
engine restart not attempted; record engine condition		
- engine 1	730 150 51	73-06 TASK 808
- engine 2	730 150 52	73-06 TASK 808
engine restart not OK, F/F low		
- engine 1	730 100 51	73-06 TASK 808
- engine 2	730 100 52	73-06 TASK 808
engine restart not OK, F/F zero		
- engine 1	730 110 51	73-06 TASK 808
- engine 2	730 110 52	73-06 TASK 808
engine restart not OK, low windmill N2		
- engine 1	730 130 51	73-06 TASK 808
- engine 2	730 130 52	73-06 TASK 808
engine restart not OK, unknown/other reasons		
- engine 1	730 140 51	73-06 TASK 808
- engine 2	730 140 52	73-06 TASK 808
engine restart not OK, VIB high		
- engine 1	730 120 51	71-05 TASK 808
- engine 2	730 120 52	71-05 TASK 808
engine restart OK; record suspected cause of flameout		
- engine 1	730 090 51	73-06 TASK 807
- engine 2	730 090 52	73-06 TASK 807
Engine fuel indication		
FF, N1, N2, and EGT read low or fluctuate		
- engine 1	730 160 51	73-06 TASK 809
- engine 2	730 160 52	73-06 TASK 809
 fuel flow is high, engine parameters (EGT, N1, N2) normal 		
- engine 1	730 170 51	73-07 TASK 802
- engine 2	730 170 52	73-07 TASK 802

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FAULT DESCRIPTION 73-0 ENGINE FUEL AND CONTROL - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
 fuel flow is intermittent or blank, engine parameters (EGT, N1, N2, and fuel used) normal 		
- engine 1	730 180 51	73-07 TASK 802
- engine 2	730 180 52	73-07 TASK 802
 fuel flow is zero or low, engine parameters (EGT, N1, N2) not normal and fuel used is low 		
- engine 1	730 200 51	73-06 TASK 809
- engine 2	730 200 52	73-06 TASK 809
 fuel flow is zero or low, engine parameters (EGT, N1, N2, and fuel used) normal 		
- engine 1	730 190 51	73-07 TASK 802
- engine 2	730 190 52	73-07 TASK 802
 fuel used indication not normal, fuel flow normal 		
- engine 1	730 210 51	73-07 TASK 801
- engine 2	730 210 52	73-07 TASK 801
Engine idle speed		
Approach idle speed high		
- engine 1	730 220 51	73-05 TASK 806
- engine 2	730 220 52	73-05 TASK 806
Approach idle speed low, ENG ANTI-ICE switch at ON		
- engine 1	730 230 51	73-07 TASK 803
- engine 2	730 230 52	73-07 TASK 803
Approach idle speed low, landing flaps selected		
- engine 1	730 240 51	73-07 TASK 804
- engine 2	730 240 52	73-07 TASK 804
 Approach idle speed low, landing flaps selected and ENG ANTI-ICE switch at ON 		
- engine 1	730 250 51	73-07 TASK 803
- engine 2	730 250 52	73-07 TASK 803
minimum idle speed high		
- engine 1	730 260 51	73-05 TASK 807
- engine 2	730 260 52	73-05 TASK 807
minimum idle speed low		
- engine 1	730 270 51	73-05 TASK 807
- engine 2	730 270 52	73-05 TASK 807

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FAULT DESCRIPTION 73-0 ENGINE FUEL AND CONTROL - GENERAL (continue	FAULT CODE d)	GO TO FIM TASK
Engine takeoff thrust		
• low		
- engine 1	730 280 51	73-05 TASK 808
- engine 2	730 280 52	73-05 TASK 808
Engine thrust loss (automatic deceleration)		
 With no movement of thrust levers, engine parameters normal 		
- engine 1	730 300 51	73-06 TASK 812
- engine 2	730 300 52	73-06 TASK 812
 With no movement of thrust levers, engine parameters not normal (VIB high) 		
- engine 1	730 310 51	71-05 TASK 808
- engine 2	730 310 52	71-05 TASK 808
FILTER BYPASS light		
 light did not come on during the EEC test 		
- engine 1	730 340 51	73-05 TASK 812
- engine 2	730 340 52	73-05 TASK 812
• light on		
- engine 1	730 320 51	73-05 TASK 801
- engine 2	730 320 52	73-05 TASK 801
76-0 ENGINE CONTROLS - GENERAL		
Forward thrust lever		
Difficult to move in forward thrust		
- engine 1	760 020 51	76-05 TASK 802
- engine 2	760 020 52	76-05 TASK 802
 has lost motion, no engine response to thrust lever movement 		
- engine 1	760 030 51	76-05 TASK 803
- engine 2	760 030 52	76-05 TASK 803
 jammed in forward thrust (no movement) 		
- engine 1	760 025 51	76-05 TASK 804
- engine 2	760 025 52	76-05 TASK 804
levers not aligned (staggered) for same N1 on both engines	760 010 00	76-05 TASK 801

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FAULT DESCRIPTION 76-0 ENGINE CONTROLS - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
Reverse thrust lever		
Difficult to move in reverse thrust		
- engine 1	760 060 51	76-05 TASK 805
- engine 2	760 060 52	76-05 TASK 805
 has lost motion, no engine response to Thrust Lever movement; Thrust Reverser operates normally 		
- engine 1	760 080 51	76-05 TASK 806
- engine 2	760 080 52	76-05 TASK 806
has lost motion, no Thrust Reverser operation		
- engine 1	760 070 51	76-05 TASK 807
- engine 2	760 070 52	76-05 TASK 807
 jammed in reverse thrust (no movement) 		
- engine 1	760 065 51	76-05 TASK 808
- engine 2	760 065 52	76-05 TASK 808
77-0 ENGINE INDICATION - GENERAL		
AVM signal conditioner		
display blank	770 061 00	77-05 TASK 809
 flight history shows "00" for two of the vibration indications 		
- engine 1	770 062 51	77-05 TASK 808
- engine 2	770 062 52	77-05 TASK 808
Engine EGT indication		
• blank		
- engine 1	770 010 51	73-05 TASK 804
- engine 2	770 010 52	73-05 TASK 804
Zero or fluctuates		
- engine 1	770 015 51	77-05 TASK 801
- engine 2	770 015 52	77-05 TASK 801
Engine N1 indication		
• blank		
- engine 1	770 020 51	77-05 TASK 802
- engine 2	770 020 52	77-05 TASK 802

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FAULT DESCRIPTION 77-0 ENGINE INDICATION - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
fluctuates		
- engine 1	770 025 51	77-05 TASK 806
- engine 2	770 025 52	77-05 TASK 806
Engine N2 indication		
• blank		
- engine 1	770 030 51	77-05 TASK 803
- engine 2	770 030 52	77-05 TASK 803
fluctuates		
- engine 1	770 035 51	77-05 TASK 807
- engine 2	770 035 52	77-05 TASK 807
Engine VIB indication		
• blank		
- engine 1	770 040 51	77-05 TASK 805
- engine 2	770 040 52	77-05 TASK 805
Zero or fluctuates		
- engine 1	770 050 51	77-05 TASK 804
- engine 2	770 050 52	77-05 TASK 804
78-0 EXHAUST - GENERAL		
EAU BITE		
• Lights (all) do not come on during the BITE procedure	780 200 00	78-34 TASK 809
REVERSER light		
light ON, Thrust Reverser operates normally		
- engine 1	780 020 51	78-34 TASK 801
- engine 2	780 020 52	78-34 TASK 801
Thrust reverser deploy		
 REV message does not show, thrust reverser does not deploy, and reverse thrust lever does not move to full reverse thrust 		
- engine 1	780 030 51	78-34 TASK 807
- engine 2	780 030 52	78-34 TASK 807
REV message shows amber, reverse thrust lever does not move to full reverse thrust		
- engine 1	780 050 51	78-34 TASK 802
- engine 2	780 050 52	78-34 TASK 802

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FAULT DESCRIPTION 78-0 EXHAUST - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
 REV message shows amber, reverse thrust lever moves to full reverse thrust but engine does not go to full reverse thrust 		
- engine 1	780 040 51	78-34 TASK 802
- engine 2	780 040 52	78-34 TASK 802
 REV message shows green, reverse thrust lever does not move to full reverse thrust 		
- engine 1	780 060 51	78-34 TASK 803
- engine 2	780 060 52	78-34 TASK 803
 REV message shows green, reverse thrust lever moves to full reverse thrust but engine does not go to full reverse thrust 		
- engine 1	780 065 51	78-34 TASK 804
- engine 2	780 065 52	78-34 TASK 804
 time to extend thrust reverser too slow (more than 3 seconds) 		
- engine 1	780 070 51	78-34 TASK 805
- engine 2	780 070 52	78-34 TASK 805
Thrust reverser stow		
 REV message shows amber or green, ENG CONTROL light off, REVERSER light on 		
- engine 1	780 090 51	78-34 TASK 806
- engine 2	780 090 52	78-34 TASK 806
 REV message shows amber or green, ENG CONTROL light on, REVERSER light off 		
- engine 1	780 080 51	78-36 TASK 806
- engine 2	780 080 52	78-36 TASK 806
 REV message shows green, ENG CONTROL light off, REVERSER light on 		
- engine 1	780 105 51	78-34 TASK 806
- engine 2	780 105 52	78-34 TASK 806
 REVERSER Light does not come ON momentarily during stow; Thrust Reverser operates normally 		
- engine 1	780 100 51	78-34 TASK 808
- engine 2	780 100 52	78-34 TASK 808

EFFECTIVITY •

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FAULT DESCRIPTION 78-0 EXHAUST - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
 time to retract thrust reverser too slow (more than 5 seconds) 		
- engine 1	780 110 51	78-34 TASK 805
- engine 2	780 110 52	78-34 TASK 805
79-0 OIL - GENERAL		
Engine oil consumption		
high (oil quantity decreases at a quick rate)		
- engine 1	790 010 51	79-05 TASK 801
- engine 2	790 010 52	79-05 TASK 801
Engine oil pressure indication		
• high		
- engine 1	790 015 51	79-05 TASK 802
- engine 2	790 015 52	79-05 TASK 802
intermittent or blank		
- engine 1	790 050 51	79-05 TASK 807
- engine 2	790 050 52	79-05 TASK 807
low or zero (red)		
- engine 1	790 045 51	79-05 TASK 803
- engine 2	790 045 52	79-05 TASK 803
 red bar shows on oil pressure indication scale/bar 		
- left engine	790 055 51	31-63 TASK 827
- right engine	790 055 52	31-63 TASK 827
Engine oil quantity indication		
• high		
- engine 1	790 060 51	79-05 TASK 808
- engine 2	790 060 52	79-05 TASK 808
• inaccurate, intermittent, remains constant, or blank		
- engine 1	790 080 51	79-05 TASK 810
- engine 2	790 080 52	79-05 TASK 810
• low		
- engine 1	790 070 51	79-05 TASK 809
- engine 2	790 070 52	79-05 TASK 809

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FAULT DESCRIPTION 79-0 OIL - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
Engine oil temperature indication		
high (amber)		
- engine 1	790 085 51	79-05 TASK 811
- engine 2	790 085 52	79-05 TASK 811
high (red)		
- engine 1	790 090 51	79-05 TASK 812
- engine 2	790 090 52	79-05 TASK 812
intermittent or blank		
- engine 1	790 100 51	79-05 TASK 815
- engine 2	790 100 52	79-05 TASK 815
 red bar shows on oil temperature indication scale/bar 		
- left engine	790 095 51	31-63 TASK 827
- right engine	790 095 52	31-63 TASK 827
OIL FILTER BYPASS message		
 message did not show during the EEC test 		
- engine 1	790 120 51	79-05 TASK 818
- engine 2	790 120 52	79-05 TASK 818
message shows		
- engine 1	790 110 51	79-05 TASK 817
- engine 2	790 110 52	79-05 TASK 817
80-0 STARTING - GENERAL		
Engine motoring		
 no or low maximum dry motor speed (N2 low), duct pressure low (less than 30 psi), START VLV OPEN message shows on the engine display 		
- engine 1	800 010 51	80-07 TASK 801
- engine 2	800 010 52	80-07 TASK 801
 no or low maximum dry motor speed (N2 low), duct pressure normal, START VLV OPEN message shows on the engine display 		
- engine 1	800 020 51	80-07 TASK 802
- engine 2	800 020 52	80-07 TASK 802

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FAULT DESCRIPTION 80-0 STARTING - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
Engine start		
 EGT increase and lightoff not normal (impending hot start), fuel flow and duct pressure normal, engine started 		
- engine 1	800 030 51	80-05 TASK 801
- engine 2	800 030 52	80-05 TASK 801
 engine overtemperature, EGT red, engine did not have an automatic shutdown 		
- engine 1	800 270 51	80-05 TASK 807
- engine 2	800 270 52	80-05 TASK 807
 engine overtemperature, EGT red, engine had an automatic shutdown 		
- engine 1	800 070 51	80-05 TASK 802
- engine 2	800 070 52	80-05 TASK 802
 fuel flow high, EGT high, engine started 		
- engine 1	800 080 51	80-05 TASK 803
- engine 2	800 080 52	80-05 TASK 803
 fuel flow low, high, or zero, EGT and N2 increase normal, engine started 		
- engine 1	800 090 51	80-05 TASK 804
- engine 2	800 090 52	80-05 TASK 804
 no lightoff, duct pressure and N2 normal, ENG VALVE CLOSED light on 		
- engine 1	800 140 51	80-06 TASK 801
- engine 2	800 140 52	80-06 TASK 801
 no lightoff, duct pressure and N2 normal, SPAR VALVE CLOSED light on 		
- engine 1	800 150 51	80-06 TASK 802
- engine 2	800 150 52	80-06 TASK 802
 no lightoff, fuel flow normal, ignition switch at IGN L, engine start normal with ignition switch at IGN R or BOTH 		
- engine 1	800 180 51	80-06 TASK 803
- engine 2	800 180 52	80-06 TASK 803

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FAULT DESCRIPTION 80-0 STARTING - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
 no lightoff, fuel flow normal, ignition switch at IGN R, engine start normal with ignition switch at IGN L or BOTH 		
- engine 1	800 190 51	80-06 TASK 804
- engine 2	800 190 52	80-06 TASK 804
 no lightoff, fuel flow zero, ENG VALVE CLOSED and SPAR VALVE CLOSED lights are off 		
- engine 1	800 200 51	80-06 TASK 805
- engine 2	800 200 52	80-06 TASK 805
 no N1 rotation, EGT and N2 increase normal, engine started 		
- engine 1	800 110 51	80-05 TASK 805
- engine 2	800 110 52	80-05 TASK 805
 slow N2 acceleration to idle or hung start 		
- engine 1	800 220 51	80-05 TASK 806
- engine 2	800 220 52	80-05 TASK 806
 START VLV OPEN message does not show on the engine display, N2 rotation normal 		
- engine 1	800 050 51	80-07 TASK 803
- engine 2	800 050 52	80-07 TASK 803
 START VLV OPEN message does not show on the engine display, no N2 rotation 		
- engine 1	800 060 51	80-07 TASK 804
- engine 2	800 060 52	80-07 TASK 804
 START VLV OPEN message flashes (for up to 10 seconds) and then stays on during engine engine operation 		
- engine 1	800 062 51	80-07 TASK 809
- engine 2	800 062 52	80-07 TASK 809
Engine start switch		
 switch does not hold in GRD position, switch manually held in GRD position, N2 rotation normal 		
- engine 1	800 230 51	80-07 TASK 805
- engine 2	800 230 52	80-07 TASK 805

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FAULT DESCRIPTION 80-0 STARTING - GENERAL (continued)	FAULT CODE	GO TO FIM TASK
 switch does not hold in GRD position, switch manually held in GRD position, no N2 rotation 		
- engine 1	800 240 51	80-07 TASK 806
- engine 2	800 240 52	80-07 TASK 806
 Switch moves from GRD to OFF before N2 is at 55%, engine started 		
- engine 1	800 250 51	80-07 TASK 807
- engine 2	800 250 52	80-07 TASK 807
 Switch stays at GRD after N2 is more than 55%, engine started 		
- engine 1	800 260 51	80-07 TASK 808
- engine 2	800 260 52	80-07 TASK 808
99-9 MISCELLANEOUS - ALL		
No faults occurred during the flight leg	999 999 99	31-98 TASK 801

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
COMMUNICATIONS/PUBLIC ADDRESS		
Cabin attendant handset:		
• damaged	C12 12	AIRLINE METHOD
distorted	C12 20	23-41 TASK 804
• inoperative	C12 33	23-41 TASK 804
volume problem	C12 65	23-41 TASK 804
Chimes:		
does not turn off	C14 83	23-31 TASK 803
does not turn on	C14 84	23-31 TASK 804
volume problem	C14 65	23-31 TASK 802
Chimes light:		
does not turn off	C18 83	33-20 TASK 801
does not turn on	C18 84	33-20 TASK 801
Passenger address system:		
distorted	C16 20	23-31 TASK 805
• inoperative	C16 33	23-31 TASK 805
• intermittent	C16 34	23-31 TASK 805
volume problem	C16 65	23-31 TASK 802
Speaker:		
• inoperative	C17 33	23-31 TASK 806
• intermittent	C17 34	23-31 TASK 806
• noisy	C17 42	23-31 TASK 806
• volume problem	C17 65	23-31 TASK 806

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CABIN FAULT LIST



FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
DOORS/EXITS/WINDOWS		
Cabin window:		
• cracked	D11 15	AIRLINE METHOD
• dirty	D11 17	AIRLINE METHOD
fogged/moisture between panes	D11 24	AIRLINE METHOD
• leaking	D11 36	AIRLINE METHOD
• noisy	D11 42	AIRLINE METHOD
• scratched	D11 51	AIRLINE METHOD
Cabin window shade:		
• damaged	D12 12	AIRLINE METHOD
hard to operate	D12 29	25-21 TASK 803
• loose	D12 37	25-21 TASK 803
• missing	D12 39	AIRLINE METHOD
• stuck	D12 58	25-21 TASK 803
Door:		
hard to close	D13 27	52-10 TASK 807
hard to open	D13 28	52-10 TASK 807
Door grab handle:		
• damaged	D26 12	AIRLINE METHOD
• missing	D26 39	AIRLINE METHOD
Door handle:		
does not stay upright	D16 81	52-10 TASK 808
Door hold-open mechanism:		
hard to operate	D18 29	52-10 TASK 809
Door latch mechanism:		
hard to operate	D19 29	52-10 TASK 810
Door seal:		
• leaking	D22 36	AIRLINE METHOD
• noisy	D22 42	AIRLINE METHOD
• torn	D22 60	AIRLINE METHOD

AKS ALL

CABIN FAULT LIST

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
DOORS/EXITS/WINDOWS (continued)		
Door window:		
• cracked	D23 15	AIRLINE METHOD
• dirty	D23 17	AIRLINE METHOD
fogged/moisture between panes	D23 24	AIRLINE METHOD
• leaking	D23 36	AIRLINE METHOD
• noisy	D23 42	AIRLINE METHOD
• scratched	D23 51	AIRLINE METHOD
Door window shade:		
• damaged	D24 12	AIRLINE METHOD
hard to operate	D24 29	25-21 TASK 804
• loose	D24 37	25-21 TASK 804
• missing	D24 39	AIRLINE METHOD
• stuck	D24 58	25-21 TASK 804

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CABIN FAULT LIST

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
EMERGENCY EQUIPMENT		
Emergency area light:		
does not turn off	E32 83	33-50 TASK 801
does not turn on	E32 84	33-50 TASK 801
Emergency exit sign:		
does not turn off	E12 83	33-50 TASK 801
does not turn on	E12 84	33-50 TASK 801
Emergency floor proximity light:		
does not turn off	E27 83	33-50 TASK 801
does not turn on	E27 84	33-50 TASK 801
Escape slide pack bustle:		
• damaged	E13 12	AIRLINE METHOD
• loose	E13 37	AIRLINE METHOD
Escape slide pack pressure gauge:		
• damaged	E14 12	AIRLINE METHOD
hard to read	E14 94	AIRLINE METHOD
low pressure/quantity	E14 38	AIRLINE METHOD
Escape strap:		
• damaged	E49 12	AIRLINE METHOD
does not stow	E49 82	25-61 TASK 805
Extension seat belt:		
• damaged	E38 12	AIRLINE METHOD
• missing	E38 39	AIRLINE METHOD
Fire extinguisher:		
• missing	E15 39	AIRLINE METHOD
• seal broken/missing	E15 96	AIRLINE METHOD
• used	E15 64	AIRLINE METHOD
First aid kit:		
• missing	E16 39	AIRLINE METHOD
• seal broken/missing	E16 96	AIRLINE METHOD
• used	E16 64	AIRLINE METHOD

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
EMERGENCY EQUIPMENT (continued)		
Flashlight:		
• damaged	E17 12	AIRLINE METHOD
does not turn off	E17 83	33-55 TASK 801
does not turn on	E17 84	33-55 TASK 801
• missing	E17 39	AIRLINE METHOD
needs service	E17 41	AIRLINE METHOD
Flashlight LED:		
does not turn on	E37 84	33-55 TASK 801
Life vest, child:		
• damaged	E18 12	AIRLINE METHOD
• missing	E18 39	AIRLINE METHOD
Life vest, crew:		
• damaged	E19 12	AIRLINE METHOD
• missing	E19 39	AIRLINE METHOD
Life vest, demo:		
• damaged	E29 12	AIRLINE METHOD
• missing	E29 39	AIRLINE METHOD
Life vest, passenger:		
• damaged	E20 12	AIRLINE METHOD
• missing	E20 39	AIRLINE METHOD
Oxygen demo mask:		
• damaged	E21 12	AIRLINE METHOD
• missing	E21 39	AIRLINE METHOD
Oxygen mask door on PSU:		
does not stay upright	E51 81	35-22 TASK 804
Portable oxygen bottle:		
low pressure/quantity	E22 38	AIRLINE METHOD
• missing	E22 39	AIRLINE METHOD
• used	E22 64	AIRLINE METHOD
Portable oxygen mask:		
• damaged	E23 12	AIRLINE METHOD
• missing	E23 39	AIRLINE METHOD
• used	E23 64	AIRLINE METHOD

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
EMERGENCY EQUIPMENT (continued)		
Therapeutic oxygen bottle:		
low pressure/quantity	E55 38	AIRLINE METHOD
• missing	E55 39	AIRLINE METHOD
• used	E55 64	AIRLINE METHOD
Therapeutic oxygen mask:		
• damaged	E56 12	AIRLINE METHOD
• missing	E56 39	AIRLINE METHOD
• used	E56 64	AIRLINE METHOD

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
GALLEYS		
Cart restraint quarter turn:		
• missing	G24 39	AIRLINE METHOD
needs adjustment	G24 40	AIRLINE METHOD
Coffee maker:		
circuit breaker opens	G12 48	AIRLINE METHOD
• damaged	G12 12	AIRLINE METHOD
• inoperative	G12 33	AIRLINE METHOD
• leaking	G12 36	AIRLINE METHOD
light does not come on	G12 21	AIRLINE METHOD
• overflows	G12 44	AIRLINE METHOD
smoking or sparking	G12 55	AIRLINE METHOD
Counter/shelf:		
• damaged	G26 12	AIRLINE METHOD
• stuck	G26 58	AIRLINE METHOD
Faucet in galley:		
• damaged	G13 12	AIRLINE METHOD
does not turn off	G13 83	38-10 TASK 805
does not turn on	G13 84	38-10 TASK 806
high pressure	G13 86	38-10 TASK 809
• leaking	G13 36	38-10 TASK 805
low pressure/quantity	G13 38	38-10 TASK 806
no hot water	G13 87	38-10 TASK 811
• no water	G13 43	38-10 TASK 806
• overheats	G13 46	38-10 TASK 808
Floor in galley:		
• damaged	G14 12	AIRLINE METHOD
• dirty	G14 17	AIRLINE METHOD
• loose	G14 37	AIRLINE METHOD
• torn	G14 60	AIRLINE METHOD
• weak/spongy	G14 66	AIRLINE METHOD
• wet	G14 67	AIRLINE METHOD

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CABIN FAULT LIST

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
GALLEYS (continued)		
Folding cart:		
• damaged	G23 12	AIRLINE METHOD
latch or lock broken	G23 35	AIRLINE METHOD
Galley power:		
inoperative	G55 33	25-31 TASK 801
Oven:		
• damaged	G16 12	AIRLINE METHOD
• dirty	G16 17	AIRLINE METHOD
does not close/fasten	G16 71	AIRLINE METHOD
does not heat enough	G16 76	AIRLINE METHOD
does not open	G16 77	AIRLINE METHOD
• inoperative	G16 33	AIRLINE METHOD
overheats	G16 46	AIRLINE METHOD
• smells bad	G16 54	AIRLINE METHOD
• smoking or sparking	G16 55	AIRLINE METHOD
Sink in galley:		
• dirty	G17 17	AIRLINE METHOD
• overflows	G17 44	38-30 TASK 819
• plugged	G17 47	38-30 TASK 819
• smells bad	G17 54	AIRLINE METHOD
Warming oven:		
• damaged	G27 12	AIRLINE METHOD
• dirty	G27 17	AIRLINE METHOD
does not close/fasten	G27 71	AIRLINE METHOD
does not heat enough	G27 76	AIRLINE METHOD
does not open	G27 77	AIRLINE METHOD
• inoperative	G27 33	AIRLINE METHOD
• overheats	G27 46	AIRLINE METHOD
• smells bad	G27 54	AIRLINE METHOD
• smoking or sparking	G27 55	AIRLINE METHOD
Waste container door in galley:		
does not close/fasten	G20 71	AIRLINE METHOD
• missing	G20 39	AIRLINE METHOD

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
GALLEYS (continued)		
Water supply in galley:		
• leaking	G52 36	38-10 TASK 804
• poor quality	G52 49	38-10 TASK 810
• smells bad	G52 54	38-10 TASK 810
Work table in galley:		
• damaged	G21 12	AIRLINE METHOD
does not stay upright	G21 81	AIRLINE METHOD

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
LIGHTS		
Attendant work light:		
does not turn off	L31 83	33-20 TASK 801
does not turn on	L31 84	33-20 TASK 801
Call light above passenger seat:		
does not turn off	L11 83	33-20 TASK 801
does not turn on	L11 84	33-20 TASK 801
Ceiling light, bin mounted:		
does not turn off	L13 83	33-20 TASK 801
does not turn on	L13 84	33-20 TASK 801
Ceiling light, recessed:		
does not turn off	L30 83	33-20 TASK 801
does not turn on	L30 84	33-20 TASK 801
Closet light:		
does not turn off	L16 83	33-20 TASK 801
does not turn on	L16 84	33-20 TASK 801
Entry light:		
does not turn off	L17 83	33-20 TASK 801
does not turn on	L17 84	33-20 TASK 801
Galley ceiling light:		
does not turn off	L18 83	33-20 TASK 801
does not turn on	L18 84	33-20 TASK 801
Galley work light:		
does not turn off	L20 83	33-20 TASK 801
does not turn on	L20 84	33-20 TASK 801
Lavatory light:		
does not turn off	L19 83	33-20 TASK 801
does not turn on	L19 84	33-20 TASK 801
Night light:		
does not turn off	L21 83	33-20 TASK 801
does not turn on	L21 84	33-20 TASK 801
Reading light:	1.00.00	
does not turn off	L23 83	33-20 TASK 801
does not turn on	L23 84	33-20 TASK 801

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
LIGHTS (continued)		
Window light:		
does not turn off	L25 83	33-20 TASK 801
does not turn on	L25 84	33-20 TASK 801

AKS ALL CABIN FAULT LIST



FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
MISCELLANEOUS/CABIN GENERAL		
Area heater in door:		
• inoperative	M22 33	21-45 TASK 801
Attendant control panel:		
• light comes on	M74 93	23-42 TASK 839
touch screen inoperative	M74 U5	23-42 TASK 840
Bump strip in cabin:		
• damaged	M46 12	AIRLINE METHOD
• missing	M46 39	AIRLINE METHOD
CLEAN/CHECK SENSORS light on the attendant's panel:		
• light comes on	M63 93	38-30 TASK 802
Carpet:		
• dirty	M11 17	AIRLINE METHOD
• torn	M11 60	AIRLINE METHOD
• wet	M11 67	AIRLINE METHOD
Ceiling panel:		
• damaged	M12 12	AIRLINE METHOD
• dirty	M12 17	AIRLINE METHOD
• loose	M12 37	AIRLINE METHOD
• missing	M12 39	AIRLINE METHOD
• wet	M12 67	38-10 TASK 804
Closet door:		
• damaged	M13 12	AIRLINE METHOD
hard to close	M13 27	AIRLINE METHOD
hard to open	M13 28	AIRLINE METHOD
latch or lock broken	M13 35	AIRLINE METHOD
Compartment handle:		
latch or lock broken	M28 35	AIRLINE METHOD
Curtain:		
• dirty	M14 17	AIRLINE METHOD
• missing	M14 39	AIRLINE METHOD
• torn	M14 60	AIRLINE METHOD

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
MISCELLANEOUS/CABIN GENERAL (continued)		
Curtain rails/hooks:		
• damaged	M48 12	AIRLINE METHOD
• missing	M48 39	AIRLINE METHOD
Curtain tie backs:		
• damaged	M15 12	AIRLINE METHOD
• dirty	M15 17	AIRLINE METHOD
does not lock in place	M15 85	AIRLINE METHOD
• missing	M15 39	AIRLINE METHOD
• torn	M15 60	AIRLINE METHOD
Door entry mats:		
• damaged	M49 12	AIRLINE METHOD
• dirty	M49 17	AIRLINE METHOD
• loose	M49 37	AIRLINE METHOD
• missing	M49 39	AIRLINE METHOD
Emergency exit door area:		
• too cold	M62 14	21-45 TASK 802
Fasten-seat-belt sign:		
does not turn off	M23 83	33-20 TASK 801
does not turn on	M23 84	33-20 TASK 801
Floor in cabin:		
• weak/spongy	M47 66	AIRLINE METHOD
Insects:		
detected on airplane	M55 99	AIRLINE METHOD
LAVS INOP light on the attendant's panel:		
• light comes on	M64 93	38-30 TASK 802
Lavatory-occupied sign:		
does not turn off	M17 83	33-20 TASK 801
does not turn on	M17 84	33-20 TASK 801
No-smoking sign:		
does not turn off	M19 83	33-20 TASK 801
does not turn on	M19 84	33-20 TASK 801

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CABIN FAULT LIST

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
MISCELLANEOUS/CABIN GENERAL (continued)		
Overhead stowage bin:		
• damaged	M20 12	AIRLINE METHOD
• dirty	M20 17	AIRLINE METHOD
does not close/fasten	M20 71	25-24 TASK 801
does not open	M20 77	25-24 TASK 801
latch or lock broken	M20 35	AIRLINE METHOD
• needs adjustment	M20 40	25-24 TASK 801
• wet	M20 67	AIRLINE METHOD
Placard/decal in cabin:		
• damaged	M50 12	AIRLINE METHOD
• incorrect	M50 32	AIRLINE METHOD
• missing	M50 39	AIRLINE METHOD
Potable water indicator:		
• low pressure/quantity	M60 38	38-10 TASK 812
Rodent:		
detected on airplane	M54 99	AIRLINE METHOD
Sidewall panel:		
• damaged	M24 12	AIRLINE METHOD
• dirty	M24 17	AIRLINE METHOD
• loose	M24 37	AIRLINE METHOD
Stowage compartment door:		
• damaged	M59 12	AIRLINE METHOD
hard to close	M59 27	AIRLINE METHOD
hard to open	M59 28	AIRLINE METHOD
latch or lock broken	M59 35	AIRLINE METHOD

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
SEATS		
Flight attendant seat:		
• damaged	S15 12	AIRLINE METHOD
• dirty	S15 17	AIRLINE METHOD
does not close/fasten	S15 71	AIRLINE METHOD
does not open	S15 77	AIRLINE METHOD
hard to operate	S15 29	AIRLINE METHOD
• loose	S15 37	AIRLINE METHOD
• torn	S15 60	AIRLINE METHOD
• wet	S15 67	AIRLINE METHOD
Flight attendant seat harness:		
• damaged	S16 12	AIRLINE METHOD
hard to operate	S16 29	AIRLINE METHOD
needs adjustment	S16 40	AIRLINE METHOD
Passenger service unit air outlet:		
inoperative	S35 33	25-23 TASK 801
Passenger service unit panel:		
does not close/fasten	S34 71	25-23 TASK 801
• loose	S34 37	25-23 TASK 801
Seat aisle trim:		
• damaged	S20 12	AIRLINE METHOD
• loose	S20 37	AIRLINE METHOD
Seat armrest:		
• damaged	S11 12	AIRLINE METHOD
does not extend/lower	S11 73	AIRLINE METHOD
needs adjustment	S11 40	AIRLINE METHOD
Seat ashtray:		
• damaged	S12 12	AIRLINE METHOD
does not close/fasten	S12 71	AIRLINE METHOD
does not open	S12 77	AIRLINE METHOD
• missing	S12 39	AIRLINE METHOD
needs adjustment	S12 40	AIRLINE METHOD
Seat assembly:		
• loose	S21 37	AIRLINE METHOD

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CABIN FAULT LIST



FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
SEATS (continued)		
Seat back:		
• damaged	S22 12	25-22 TASK 801
• dirty	S22 17	AIRLINE METHOD
does not recline	S22 78	25-22 TASK 801
does not stay upright	S22 81	25-22 TASK 801
• loose	S22 37	AIRLINE METHOD
• torn	S22 60	AIRLINE METHOD
• wet	S22 67	AIRLINE METHOD
Seat back pocket:		
• damaged	S23 12	AIRLINE METHOD
• dirty	S23 17	AIRLINE METHOD
• torn	S23 60	AIRLINE METHOD
• wet	S23 67	AIRLINE METHOD
Seat belt:		
• damaged	S24 12	AIRLINE METHOD
• dirty	S24 17	AIRLINE METHOD
• inoperative	S24 33	AIRLINE METHOD
• missing	S24 39	AIRLINE METHOD
Seat bottom cushion:		
• dirty	S25 17	AIRLINE METHOD
• smells bad	S25 54	AIRLINE METHOD
• stained	S25 57	AIRLINE METHOD
• torn	S25 60	AIRLINE METHOD
• wet	S25 67	AIRLINE METHOD
Seat footrest:		
• damaged	S13 12	AIRLINE METHOD
• dirty	S13 17	AIRLINE METHOD
hard to operate	S13 29	AIRLINE METHOD
inoperative	S13 33	AIRLINE METHOD
• torn	S13 60	AIRLINE METHOD
• wet	S13 67	AIRLINE METHOD

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CABIN FAULT LIST

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
SEATS (continued)		
Seat headrest:		
• damaged	S14 12	AIRLINE METHOD
• dirty	S14 17	AIRLINE METHOD
hard to operate	S14 29	AIRLINE METHOD
• inoperative	S14 33	AIRLINE METHOD
• loose	S14 37	AIRLINE METHOD
• torn	S14 60	AIRLINE METHOD
• wet	S14 67	AIRLINE METHOD
Seat legrest:		
• damaged	S29 12	AIRLINE METHOD
• dirty	S29 17	AIRLINE METHOD
does not stow	S29 82	AIRLINE METHOD
hard to operate	S29 29	AIRLINE METHOD
inoperative	S29 33	AIRLINE METHOD
• torn	S29 60	AIRLINE METHOD
• wet	S29 67	AIRLINE METHOD
Seat safety card:		
• damaged	S19 12	AIRLINE METHOD
• incorrect	S19 32	AIRLINE METHOD
• missing	S19 39	AIRLINE METHOD
Seat track insert:		
• damaged	S26 12	AIRLINE METHOD
• loose	S26 37	AIRLINE METHOD
• missing	S26 39	AIRLINE METHOD
Seat tray table:		
• damaged	S27 12	AIRLINE METHOD
• dirty	S27 17	AIRLINE METHOD
does not stow	S27 82	AIRLINE METHOD
latch or lock broken	S27 35	AIRLINE METHOD
needs adjustment	S27 40	AIRLINE METHOD

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CABIN FAULT LIST



FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
TOILETS/LAVATORIES		
Countertop in lavatory:		
• damaged	T12 12	AIRLINE METHOD
• dirty	T12 17	AIRLINE METHOD
Door to lavatory:		
• damaged	T13 12	AIRLINE METHOD
does not close/fasten	T13 71	AIRLINE METHOD
does not open	T13 77	AIRLINE METHOD
latch or lock broken	T13 35	AIRLINE METHOD
Faucet in lavatory:		
• damaged	T14 12	AIRLINE METHOD
does not turn off	T14 83	38-10 TASK 807
does not turn on	T14 84	38-10 TASK 806
high pressure	T14 86	38-10 TASK 809
• leaking	T14 36	38-10 TASK 812
low pressure/quantity	T14 38	38-10 TASK 806
• no hot water	T14 87	38-10 TASK 811
• no water	T14 43	38-10 TASK 806
• overheats	T14 46	38-10 TASK 808
Floor in lavatory:		
• dirty	T31 17	AIRLINE METHOD
Grab handle in lavatory:		
• damaged	T15 12	AIRLINE METHOD
• dirty	T15 17	AIRLINE METHOD
Mirror in lavatory:		
• damaged	T16 12	AIRLINE METHOD
• dirty	T16 17	AIRLINE METHOD
• loose	T16 37	AIRLINE METHOD
Return-to-seat sign in lavatory:		
does not turn off	T18 83	33-20 TASK 801
does not turn on	T18 84	33-20 TASK 801
Sink drain stopper in lavatory:		
• inoperative	T20 33	38-30 TASK 818

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FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
TOILETS/LAVATORIES (continued)		
Sink in lavatory:		
• dirty	T32 17	AIRLINE METHOD
• plugged	T32 47	38-30 TASK 819
Smoke detector:		
• damaged	T21 12	AIRLINE METHOD
disconnected	T21 19	AIRLINE METHOD
• inoperative	T21 33	AIRLINE METHOD
• loose	T21 37	AIRLINE METHOD
• missing	T21 39	AIRLINE METHOD
Soap dispenser:		
• damaged	T22 12	AIRLINE METHOD
• empty	T22 22	AIRLINE METHOD
hard to operate	T22 29	AIRLINE METHOD
inoperative	T22 33	AIRLINE METHOD
• leaking	T22 36	AIRLINE METHOD
Toilet bowl:		
• damaged	T23 12	AIRLINE METHOD
• dirty	T23 17	AIRLINE METHOD
• overflows	T23 44	38-30 TASK 814
• plugged	T23 47	38-30 TASK 815
• smells bad	T23 54	AIRLINE METHOD
Toilet flush button:		
• damaged	T24 12	AIRLINE METHOD
• dirty	T24 17	AIRLINE METHOD
Toilet flush system:		
does not flush	T25 74	38-30 TASK 811
does not turn off	T25 83	38-30 TASK 816
• plugged	T25 47	38-30 TASK 817
Toilet roll holder:		
• damaged	T39 12	AIRLINE METHOD
• missing	T39 39	AIRLINE METHOD

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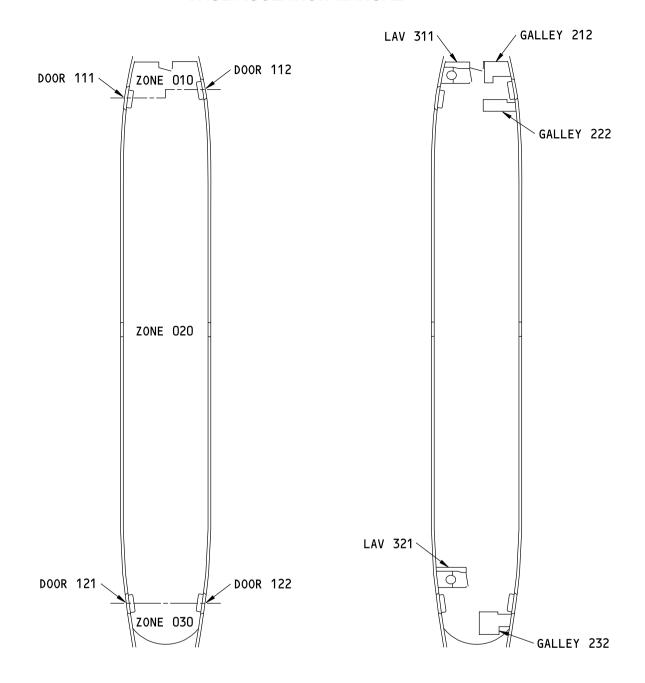
FAULT DESCRIPTION	FAULT CODE (location)	GO TO FIM TASK
TOILETS/LAVATORIES (continued)		
Toilet seat:		
• damaged	T26 12	AIRLINE METHOD
• dirty	T26 17	AIRLINE METHOD
• missing	T26 39	AIRLINE METHOD
Toilet seat lid:		
• damaged	T27 12	AIRLINE METHOD
• dirty	T27 17	AIRLINE METHOD
• missing	T27 39	AIRLINE METHOD
Waste chute door in lavatory:		
• damaged	T28 12	AIRLINE METHOD
needs adjustment	T28 40	25-40 TASK 801
• plugged	T28 47	AIRLINE METHOD
Water supply in lavatory:		
• poor quality	T41 49	38-10 TASK 810
• smells bad	T41 54	38-10 TASK 810

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CABIN FAULT LIST





NOTE: • Use seat number of nearest seat if you do not find a location code here.

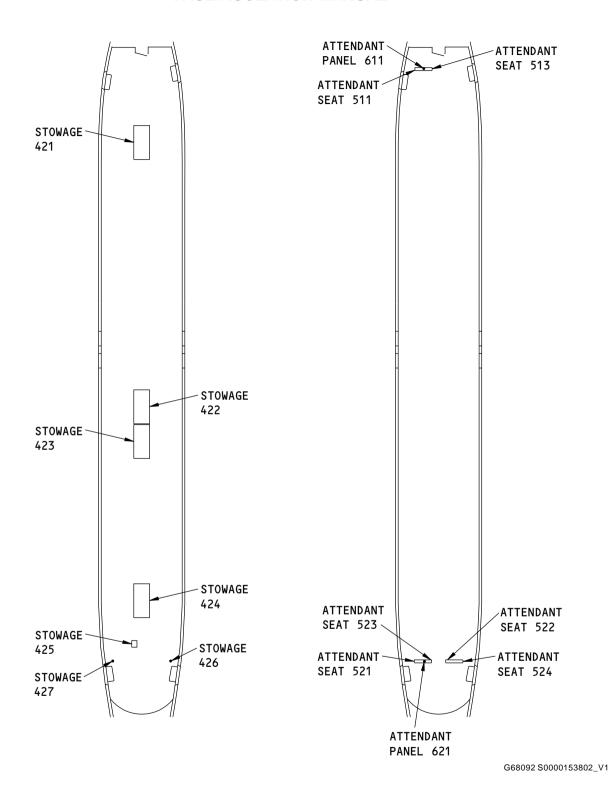
- Use location code of the applicable zone if fault occurs in entire zone.
- Use location code "000" if fault occurs in entire cabin. $_{ ext{G52538 S0000153099 V1}}$

Location Codes - Doors, Zones, Galleys, and Lavatories Figure 1

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Location Codes - Closets, Stowage, Attendant Seats and Panels Figure 2

CABIN FAULT LOCATOR

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FAULT CODE	FAULT DESCRIPTION	GO TO FIM TASK
C12 12	Cabin attendant handset: damaged.	AIRLINE METHOD
C12 20	Cabin attendant handset: distorted.	23-41 TASK 804
C12 33	Cabin attendant handset: inoperative.	23-41 TASK 804
C12 65	Cabin attendant handset: volume problem.	23-41 TASK 804
C14 65	Chimes: volume problem.	23-31 TASK 802
C14 83	Chimes: does not turn off.	23-31 TASK 803
C14 84	Chimes: does not turn on.	23-31 TASK 804
C16 20	Passenger address system: distorted.	23-31 TASK 805
C16 33	Passenger address system: inoperative.	23-31 TASK 805
C16 34	Passenger address system: intermittent.	23-31 TASK 805
C16 65	Passenger address system: volume problem.	23-31 TASK 802
C17 33	Speaker: inoperative.	23-31 TASK 806
C17 34	Speaker: intermittent.	23-31 TASK 806
C17 42	Speaker: noisy.	23-31 TASK 806
C17 65	Speaker: volume problem.	23-31 TASK 806
C18 83	Chimes light: does not turn off.	33-20 TASK 801
C18 84	Chimes light: does not turn on.	33-20 TASK 801
D11 15	Cabin window: cracked.	AIRLINE METHOD
D11 17	Cabin window: dirty.	AIRLINE METHOD
D11 24	Cabin window: fogged/moisture between panes.	AIRLINE METHOD
D11 36	Cabin window: leaking.	AIRLINE METHOD
D11 42	Cabin window: noisy.	AIRLINE METHOD
D11 51	Cabin window: scratched.	AIRLINE METHOD
D12 12	Cabin window shade: damaged.	AIRLINE METHOD
D12 29	Cabin window shade: hard to operate.	25-21 TASK 803
D12 37	Cabin window shade: loose.	25-21 TASK 803
D12 39	Cabin window shade: missing.	AIRLINE METHOD
D12 58	Cabin window shade: stuck.	25-21 TASK 803
D13 27	Door: hard to close.	52-10 TASK 807
D13 28	Door: hard to open.	52-10 TASK 807
D16 81	Door handle: does not stay upright.	52-10 TASK 808
D18 29	Door hold-open mechanism: hard to operate.	52-10 TASK 809
D19 29	Door latch mechanism: hard to operate.	52-10 TASK 810
D22 36	Door seal: leaking.	AIRLINE METHOD
D22 42	Door seal: noisy.	AIRLINE METHOD

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FAULT CODE	FAULT DESCRIPTION	GO TO FIM TASK
D22 60	Door seal: torn.	AIRLINE METHOD
D23 15	Door window: cracked.	AIRLINE METHOD
D23 17	Door window: dirty.	AIRLINE METHOD
D23 24	Door window: fogged/moisture between panes.	AIRLINE METHOD
D23 36	Door window: leaking.	AIRLINE METHOD
D23 42	Door window: noisy.	AIRLINE METHOD
D23 51	Door window: scratched.	AIRLINE METHOD
D24 12	Door window shade: damaged.	AIRLINE METHOD
D24 29	Door window shade: hard to operate.	25-21 TASK 804
D24 37	Door window shade: loose.	25-21 TASK 804
D24 39	Door window shade: missing.	AIRLINE METHOD
D24 58	Door window shade: stuck.	25-21 TASK 804
D26 12	Door grab handle: damaged.	AIRLINE METHOD
D26 39	Door grab handle: missing.	AIRLINE METHOD
E12 83	Emergency exit sign: does not turn off.	33-50 TASK 801
E12 84	Emergency exit sign: does not turn on.	33-50 TASK 801
E13 12	Escape slide pack bustle: damaged.	AIRLINE METHOD
E13 37	Escape slide pack bustle: loose.	AIRLINE METHOD
E14 12	Escape slide pack pressure gauge: damaged.	AIRLINE METHOD
E14 38	Escape slide pack pressure gauge: low pressure/quantity.	AIRLINE METHOD
E14 94	Escape slide pack pressure gauge: hard to read.	AIRLINE METHOD
E15 39	Fire extinguisher: missing.	AIRLINE METHOD
E15 64	Fire extinguisher: used.	AIRLINE METHOD
E15 96	Fire extinguisher: seal broken/missing.	AIRLINE METHOD
E16 39	First aid kit: missing.	AIRLINE METHOD
E16 64	First aid kit: used.	AIRLINE METHOD
E16 96	First aid kit: seal broken/missing.	AIRLINE METHOD
E17 12	Flashlight: damaged.	AIRLINE METHOD
E17 39	Flashlight: missing.	AIRLINE METHOD
E17 41	Flashlight: needs service.	AIRLINE METHOD
E17 83	Flashlight: does not turn off.	33-55 TASK 801
E17 84	Flashlight: does not turn on.	33-55 TASK 801
E18 12	Life vest, child: damaged.	AIRLINE METHOD
E18 39	Life vest, child: missing.	AIRLINE METHOD
E19 12	Life vest, crew: damaged.	AIRLINE METHOD

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FAULT CODE	FAULT DESCRIPTION	GO TO FIM TASK
E19 39	Life vest, crew: missing.	AIRLINE METHOD
E20 12	Life vest, passenger: damaged.	AIRLINE METHOD
E20 39	Life vest, passenger: missing.	AIRLINE METHOD
E21 12	Oxygen demo mask: damaged.	AIRLINE METHOD
E21 39	Oxygen demo mask: missing.	AIRLINE METHOD
E22 38	Portable oxygen bottle: low pressure/quantity.	AIRLINE METHOD
E22 39	Portable oxygen bottle: missing.	AIRLINE METHOD
E22 64	Portable oxygen bottle: used.	AIRLINE METHOD
E23 12	Portable oxygen mask: damaged.	AIRLINE METHOD
E23 39	Portable oxygen mask: missing.	AIRLINE METHOD
E23 64	Portable oxygen mask: used.	AIRLINE METHOD
E27 83	Emergency floor proximity light: does not turn off.	33-50 TASK 801
E27 84	Emergency floor proximity light: does not turn on.	33-50 TASK 801
E29 12	Life vest, demo: damaged.	AIRLINE METHOD
E29 39	Life vest, demo: missing.	AIRLINE METHOD
E32 83	Emergency area light: does not turn off.	33-50 TASK 801
E32 84	Emergency area light: does not turn on.	33-50 TASK 801
E37 84	Flashlight LED: does not turn on.	33-55 TASK 801
E38 12	Extension seat belt: damaged.	AIRLINE METHOD
E38 39	Extension seat belt: missing.	AIRLINE METHOD
E49 12	Escape strap: damaged.	AIRLINE METHOD
E49 82	Escape strap: does not stow.	25-61 TASK 805
E51 81	Oxygen mask door on PSU: does not stay upright.	35-22 TASK 804
E55 38	Therapeutic oxygen bottle: low pressure/quantity.	AIRLINE METHOD
E55 39	Therapeutic oxygen bottle: missing.	AIRLINE METHOD
E55 64	Therapeutic oxygen bottle: used.	AIRLINE METHOD
E56 12	Therapeutic oxygen mask: damaged.	AIRLINE METHOD
E56 39	Therapeutic oxygen mask: missing.	AIRLINE METHOD
E56 64	Therapeutic oxygen mask: used.	AIRLINE METHOD
G12 12	Coffee maker: damaged.	AIRLINE METHOD
G12 21	Coffee maker: light does not come on.	AIRLINE METHOD
G12 33	Coffee maker: inoperative.	AIRLINE METHOD
G12 36	Coffee maker: leaking.	AIRLINE METHOD
G12 44	Coffee maker: overflows.	AIRLINE METHOD
G12 48	Coffee maker: circuit breaker opens.	AIRLINE METHOD

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FAULT CODE	FAULT DESCRIPTION	GO TO FIM TASK
G12 55	Coffee maker: smoking or sparking.	AIRLINE METHOD
G13 12	Faucet in galley: damaged.	AIRLINE METHOD
G13 36	Faucet in galley: leaking.	38-10 TASK 805
G13 38	Faucet in galley: low pressure/quantity.	38-10 TASK 806
G13 43	Faucet in galley: no water.	38-10 TASK 806
G13 46	Faucet in galley: overheats.	38-10 TASK 808
G13 83	Faucet in galley: does not turn off.	38-10 TASK 805
G13 84	Faucet in galley: does not turn on.	38-10 TASK 806
G13 86	Faucet in galley: high pressure.	38-10 TASK 809
G13 87	Faucet in galley: no hot water.	38-10 TASK 811
G14 12	Floor in galley: damaged.	AIRLINE METHOD
G14 17	Floor in galley: dirty.	AIRLINE METHOD
G14 37	Floor in galley: loose.	AIRLINE METHOD
G14 60	Floor in galley: torn.	AIRLINE METHOD
G14 66	Floor in galley: weak/spongy.	AIRLINE METHOD
G14 67	Floor in galley: wet.	AIRLINE METHOD
G16 12	Oven: damaged.	AIRLINE METHOD
G16 17	Oven: dirty.	AIRLINE METHOD
G16 33	Oven: inoperative.	AIRLINE METHOD
G16 46	Oven: overheats.	AIRLINE METHOD
G16 54	Oven: smells bad.	AIRLINE METHOD
G16 55	Oven: smoking or sparking.	AIRLINE METHOD
G16 71	Oven: does not close/fasten.	AIRLINE METHOD
G16 76	Oven: does not heat enough.	AIRLINE METHOD
G16 77	Oven: does not open.	AIRLINE METHOD
G17 17	Sink in galley: dirty.	AIRLINE METHOD
G17 44	Sink in galley: overflows.	38-30 TASK 819
G17 47	Sink in galley: plugged.	38-30 TASK 819
G17 54	Sink in galley: smells bad.	AIRLINE METHOD
G20 39	Waste container door in galley: missing.	AIRLINE METHOD
G20 71	Waste container door in galley: does not close/fasten.	AIRLINE METHOD
G21 12	Work table in galley: damaged.	AIRLINE METHOD
G21 81	Work table in galley: does not stay upright.	AIRLINE METHOD
G23 12	Folding cart: damaged.	AIRLINE METHOD
G23 35	Folding cart: latch or lock broken.	AIRLINE METHOD

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FAULT CODE	FAULT DESCRIPTION	GO TO FIM TASK
G24 39	Cart restraint quarter turn: missing.	AIRLINE METHOD
G24 40	Cart restraint quarter turn: needs adjustment.	AIRLINE METHOD
G26 12	Counter/shelf: damaged.	AIRLINE METHOD
G26 58	Counter/shelf: stuck.	AIRLINE METHOD
G27 12	Warming oven: damaged.	AIRLINE METHOD
G27 17	Warming oven: dirty.	AIRLINE METHOD
G27 33	Warming oven: inoperative.	AIRLINE METHOD
G27 46	Warming oven: overheats.	AIRLINE METHOD
G27 54	Warming oven: smells bad.	AIRLINE METHOD
G27 55	Warming oven: smoking or sparking.	AIRLINE METHOD
G27 71	Warming oven: does not close/fasten.	AIRLINE METHOD
G27 76	Warming oven: does not heat enough.	AIRLINE METHOD
G27 77	Warming oven: does not open.	AIRLINE METHOD
G52 36	Water supply in galley: leaking.	38-10 TASK 804
G52 49	Water supply in galley: poor quality.	38-10 TASK 810
G52 54	Water supply in galley: smells bad.	38-10 TASK 810
G55 33	Galley power: inoperative.	25-31 TASK 801
L11 83	Call light above passenger seat: does not turn off.	33-20 TASK 801
L11 84	Call light above passenger seat: does not turn on.	33-20 TASK 801
L13 83	Ceiling light, bin mounted: does not turn off.	33-20 TASK 801
L13 84	Ceiling light, bin mounted: does not turn on.	33-20 TASK 801
L16 83	Closet light: does not turn off.	33-20 TASK 801
L16 84	Closet light: does not turn on.	33-20 TASK 801
L17 83	Entry light: does not turn off.	33-20 TASK 801
L17 84	Entry light: does not turn on.	33-20 TASK 801
L18 83	Galley ceiling light: does not turn off.	33-20 TASK 801
L18 84	Galley ceiling light: does not turn on.	33-20 TASK 801
L19 83	Lavatory light: does not turn off.	33-20 TASK 801
L19 84	Lavatory light: does not turn on.	33-20 TASK 801
L20 83	Galley work light: does not turn off.	33-20 TASK 801
L20 84	Galley work light: does not turn on.	33-20 TASK 801
L21 83	Night light: does not turn off.	33-20 TASK 801
L21 84	Night light: does not turn on.	33-20 TASK 801
L23 83	Reading light: does not turn off.	33-20 TASK 801
L23 84	Reading light: does not turn on.	33-20 TASK 801

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FAULT CODE	FAULT DESCRIPTION	GO TO FIM TASK
L25 83	Window light: does not turn off.	33-20 TASK 801
L25 84	Window light: does not turn on.	33-20 TASK 801
L30 83	Ceiling light, recessed: does not turn off.	33-20 TASK 801
L30 84	Ceiling light, recessed: does not turn on.	33-20 TASK 801
L31 83	Attendant work light: does not turn off.	33-20 TASK 801
L31 84	Attendant work light: does not turn on.	33-20 TASK 801
M11 17	Carpet: dirty.	AIRLINE METHOD
M11 60	Carpet: torn.	AIRLINE METHOD
M11 67	Carpet: wet.	AIRLINE METHOD
M12 12	Ceiling panel: damaged.	AIRLINE METHOD
M12 17	Ceiling panel: dirty.	AIRLINE METHOD
M12 37	Ceiling panel: loose.	AIRLINE METHOD
M12 39	Ceiling panel: missing.	AIRLINE METHOD
M12 67	Ceiling panel: wet.	38-10 TASK 804
M13 12	Closet door: damaged.	AIRLINE METHOD
M13 27	Closet door: hard to close.	AIRLINE METHOD
M13 28	Closet door: hard to open.	AIRLINE METHOD
M13 35	Closet door: latch or lock broken.	AIRLINE METHOD
M14 17	Curtain: dirty.	AIRLINE METHOD
M14 39	Curtain: missing.	AIRLINE METHOD
M14 60	Curtain: torn.	AIRLINE METHOD
M15 12	Curtain tie backs: damaged.	AIRLINE METHOD
M15 17	Curtain tie backs: dirty.	AIRLINE METHOD
M15 39	Curtain tie backs: missing.	AIRLINE METHOD
M15 60	Curtain tie backs: torn.	AIRLINE METHOD
M15 85	Curtain tie backs: does not lock in place.	AIRLINE METHOD
M17 83	Lavatory-occupied sign: does not turn off.	33-20 TASK 801
M17 84	Lavatory-occupied sign: does not turn on.	33-20 TASK 801
M19 83	No-smoking sign: does not turn off.	33-20 TASK 801
M19 84	No-smoking sign: does not turn on.	33-20 TASK 801
M20 12	Overhead stowage bin: damaged.	AIRLINE METHOD
M20 17	Overhead stowage bin: dirty.	AIRLINE METHOD
M20 35	Overhead stowage bin: latch or lock broken.	AIRLINE METHOD
M20 40	Overhead stowage bin: needs adjustment.	25-24 TASK 801
M20 67	Overhead stowage bin: wet.	AIRLINE METHOD

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FAULT CODE	FAULT DESCRIPTION	GO TO FIM TASK
M20 71	Overhead stowage bin: does not close/fasten.	25-24 TASK 801
M20 77	Overhead stowage bin: does not open.	25-24 TASK 801
M22 33	Area heater in door: inoperative.	21-45 TASK 801
M23 83	Fasten-seat-belt sign: does not turn off.	33-20 TASK 801
M23 84	Fasten-seat-belt sign: does not turn on.	33-20 TASK 801
M24 12	Sidewall panel: damaged.	AIRLINE METHOD
M24 17	Sidewall panel: dirty.	AIRLINE METHOD
M24 37	Sidewall panel: loose.	AIRLINE METHOD
M28 35	Compartment handle: latch or lock broken.	AIRLINE METHOD
M46 12	Bump strip in cabin: damaged.	AIRLINE METHOD
M46 39	Bump strip in cabin: missing.	AIRLINE METHOD
M47 66	Floor in cabin: weak/spongy.	AIRLINE METHOD
M48 12	Curtain rails/hooks: damaged.	AIRLINE METHOD
M48 39	Curtain rails/hooks: missing.	AIRLINE METHOD
M49 12	Door entry mats: damaged.	AIRLINE METHOD
M49 17	Door entry mats: dirty.	AIRLINE METHOD
M49 37	Door entry mats: loose.	AIRLINE METHOD
M49 39	Door entry mats: missing.	AIRLINE METHOD
M50 12	Placard/decal in cabin: damaged.	AIRLINE METHOD
M50 32	Placard/decal in cabin: incorrect.	AIRLINE METHOD
M50 39	Placard/decal in cabin: missing.	AIRLINE METHOD
M54 99	Rodent: detected on airplane.	AIRLINE METHOD
M55 99	Insects: detected on airplane.	AIRLINE METHOD
M59 12	Stowage compartment door: damaged.	AIRLINE METHOD
M59 27	Stowage compartment door: hard to close.	AIRLINE METHOD
M59 28	Stowage compartment door: hard to open.	AIRLINE METHOD
M59 35	Stowage compartment door: latch or lock broken.	AIRLINE METHOD
M60 38	Potable water indicator: low pressure/quantity.	38-10 TASK 812
M62 14	Emergency exit door area: too cold.	21-45 TASK 802
M63 93	CLEAN/CHECK SENSORS light on the attendant's panel: light comes on.	38-30 TASK 802
M64 93	LAVS INOP light on the attendant's panel: light comes on.	38-30 TASK 802
M74 93	Attendant control panel: light comes on.	23-42 TASK 839
M74 U5	Attendant control panel: touch screen inoperative.	23-42 TASK 840
S11 12	Seat armrest: damaged.	AIRLINE METHOD
S11 40	Seat armrest: needs adjustment.	AIRLINE METHOD

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FAULT CODE	FAULT DESCRIPTION	GO TO FIM TASK
S11 73	Seat armrest: does not extend/lower.	AIRLINE METHOD
S12 12	Seat ashtray: damaged.	AIRLINE METHOD
S12 39	Seat ashtray: missing.	AIRLINE METHOD
S12 40	Seat ashtray: needs adjustment.	AIRLINE METHOD
S12 71	Seat ashtray: does not close/fasten.	AIRLINE METHOD
S12 77	Seat ashtray: does not open.	AIRLINE METHOD
S13 12	Seat footrest: damaged.	AIRLINE METHOD
S13 17	Seat footrest: dirty.	AIRLINE METHOD
S13 29	Seat footrest: hard to operate.	AIRLINE METHOD
S13 33	Seat footrest: inoperative.	AIRLINE METHOD
S13 60	Seat footrest: torn.	AIRLINE METHOD
S13 67	Seat footrest: wet.	AIRLINE METHOD
S14 12	Seat headrest: damaged.	AIRLINE METHOD
S14 17	Seat headrest: dirty.	AIRLINE METHOD
S14 29	Seat headrest: hard to operate.	AIRLINE METHOD
S14 33	Seat headrest: inoperative.	AIRLINE METHOD
S14 37	Seat headrest: loose.	AIRLINE METHOD
S14 60	Seat headrest: torn.	AIRLINE METHOD
S14 67	Seat headrest: wet.	AIRLINE METHOD
S15 12	Flight attendant seat: damaged.	AIRLINE METHOD
S15 17	Flight attendant seat: dirty.	AIRLINE METHOD
S15 29	Flight attendant seat: hard to operate.	AIRLINE METHOD
S15 37	Flight attendant seat: loose.	AIRLINE METHOD
S15 60	Flight attendant seat: torn.	AIRLINE METHOD
S15 67	Flight attendant seat: wet.	AIRLINE METHOD
S15 71	Flight attendant seat: does not close/fasten.	AIRLINE METHOD
S15 77	Flight attendant seat: does not open.	AIRLINE METHOD
S16 12	Flight attendant seat harness: damaged.	AIRLINE METHOD
S16 29	Flight attendant seat harness: hard to operate.	AIRLINE METHOD
S16 40	Flight attendant seat harness: needs adjustment.	AIRLINE METHOD
S19 12	Seat safety card: damaged.	AIRLINE METHOD
S19 32	Seat safety card: incorrect.	AIRLINE METHOD
S19 39	Seat safety card: missing.	AIRLINE METHOD
S20 12	Seat aisle trim: damaged.	AIRLINE METHOD
S20 37	Seat aisle trim: loose.	AIRLINE METHOD

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FAULT CODE	FAULT DESCRIPTION	GO TO FIM TASK
S21 37	Seat assembly: loose.	AIRLINE METHOD
S22 12	Seat back: damaged.	25-22 TASK 801
S22 17	Seat back: dirty.	AIRLINE METHOD
S22 37	Seat back: loose.	AIRLINE METHOD
S22 60	Seat back: torn.	AIRLINE METHOD
S22 67	Seat back: wet.	AIRLINE METHOD
S22 78	Seat back: does not recline.	25-22 TASK 801
S22 81	Seat back: does not stay upright.	25-22 TASK 801
S23 12	Seat back pocket: damaged.	AIRLINE METHOD
S23 17	Seat back pocket: dirty.	AIRLINE METHOD
S23 60	Seat back pocket: torn.	AIRLINE METHOD
S23 67	Seat back pocket: wet.	AIRLINE METHOD
S24 12	Seat belt: damaged.	AIRLINE METHOD
S24 17	Seat belt: dirty.	AIRLINE METHOD
S24 33	Seat belt: inoperative.	AIRLINE METHOD
S24 39	Seat belt: missing.	AIRLINE METHOD
S25 17	Seat bottom cushion: dirty.	AIRLINE METHOD
S25 54	Seat bottom cushion: smells bad.	AIRLINE METHOD
S25 57	Seat bottom cushion: stained.	AIRLINE METHOD
S25 60	Seat bottom cushion: torn.	AIRLINE METHOD
S25 67	Seat bottom cushion: wet.	AIRLINE METHOD
S26 12	Seat track insert: damaged.	AIRLINE METHOD
S26 37	Seat track insert: loose.	AIRLINE METHOD
S26 39	Seat track insert: missing.	AIRLINE METHOD
S27 12	Seat tray table: damaged.	AIRLINE METHOD
S27 17	Seat tray table: dirty.	AIRLINE METHOD
S27 35	Seat tray table: latch or lock broken.	AIRLINE METHOD
S27 40	Seat tray table: needs adjustment.	AIRLINE METHOD
S27 82	Seat tray table: does not stow.	AIRLINE METHOD
S29 12	Seat legrest: damaged.	AIRLINE METHOD
S29 17	Seat legrest: dirty.	AIRLINE METHOD
S29 29	Seat legrest: hard to operate.	AIRLINE METHOD
S29 33	Seat legrest: inoperative.	AIRLINE METHOD
S29 60	Seat legrest: torn.	AIRLINE METHOD
S29 67	Seat legrest: wet.	AIRLINE METHOD

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FAULT CODE	FAULT DESCRIPTION	GO TO FIM TASK
S29 82	Seat legrest: does not stow.	AIRLINE METHOD
S34 37	Passenger service unit panel: loose.	25-23 TASK 801
S34 71	Passenger service unit panel: does not close/fasten.	25-23 TASK 801
S35 33	Passenger service unit air outlet: inoperative.	25-23 TASK 801
T12 12	Countertop in lavatory: damaged.	AIRLINE METHOD
T12 17	Countertop in lavatory: dirty.	AIRLINE METHOD
T13 12	Door to lavatory: damaged.	AIRLINE METHOD
T13 35	Door to lavatory: latch or lock broken.	AIRLINE METHOD
T13 71	Door to lavatory: does not close/fasten.	AIRLINE METHOD
T13 77	Door to lavatory: does not open.	AIRLINE METHOD
T14 12	Faucet in lavatory: damaged.	AIRLINE METHOD
T14 36	Faucet in lavatory: leaking.	38-10 TASK 812
T14 38	Faucet in lavatory: low pressure/quantity.	38-10 TASK 806
T14 43	Faucet in lavatory: no water.	38-10 TASK 806
T14 46	Faucet in lavatory: overheats.	38-10 TASK 808
T14 83	Faucet in lavatory: does not turn off.	38-10 TASK 807
T14 84	Faucet in lavatory: does not turn on.	38-10 TASK 806
T14 86	Faucet in lavatory: high pressure.	38-10 TASK 809
T14 87	Faucet in lavatory: no hot water.	38-10 TASK 811
T15 12	Grab handle in lavatory: damaged.	AIRLINE METHOD
T15 17	Grab handle in lavatory: dirty.	AIRLINE METHOD
T16 12	Mirror in lavatory: damaged.	AIRLINE METHOD
T16 17	Mirror in lavatory: dirty.	AIRLINE METHOD
T16 37	Mirror in lavatory: loose.	AIRLINE METHOD
T18 83	Return-to-seat sign in lavatory: does not turn off.	33-20 TASK 801
T18 84	Return-to-seat sign in lavatory: does not turn on.	33-20 TASK 801
T20 33	Sink drain stopper in lavatory: inoperative.	38-30 TASK 818
T21 12	Smoke detector: damaged.	AIRLINE METHOD
T21 19	Smoke detector: disconnected.	AIRLINE METHOD
T21 33	Smoke detector: inoperative.	AIRLINE METHOD
T21 37	Smoke detector: loose.	AIRLINE METHOD
T21 39	Smoke detector: missing.	AIRLINE METHOD
T22 12	Soap dispenser: damaged.	AIRLINE METHOD
T22 22	Soap dispenser: empty.	AIRLINE METHOD
T22 29	Soap dispenser: hard to operate.	AIRLINE METHOD

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FAULT CODE	FAULT DESCRIPTION	GO TO FIM TASK
T22 33	Soap dispenser: inoperative.	AIRLINE METHOD
T22 36	Soap dispenser: leaking.	AIRLINE METHOD
T23 12	Toilet bowl: damaged.	AIRLINE METHOD
T23 17	Toilet bowl: dirty.	AIRLINE METHOD
T23 44	Toilet bowl: overflows.	38-30 TASK 814
T23 47	Toilet bowl: plugged.	38-30 TASK 815
T23 54	Toilet bowl: smells bad.	AIRLINE METHOD
T24 12	Toilet flush button: damaged.	AIRLINE METHOD
T24 17	Toilet flush button: dirty.	AIRLINE METHOD
T25 47	Toilet flush system: plugged.	38-30 TASK 817
T25 74	Toilet flush system: does not flush.	38-30 TASK 811
T25 83	Toilet flush system: does not turn off.	38-30 TASK 816
T26 12	Toilet seat: damaged.	AIRLINE METHOD
T26 17	Toilet seat: dirty.	AIRLINE METHOD
T26 39	Toilet seat: missing.	AIRLINE METHOD
T27 12	Toilet seat lid: damaged.	AIRLINE METHOD
T27 17	Toilet seat lid: dirty.	AIRLINE METHOD
T27 39	Toilet seat lid: missing.	AIRLINE METHOD
T28 12	Waste chute door in lavatory: damaged.	AIRLINE METHOD
T28 40	Waste chute door in lavatory: needs adjustment.	25-40 TASK 801
T28 47	Waste chute door in lavatory: plugged.	AIRLINE METHOD
T31 17	Floor in lavatory: dirty.	AIRLINE METHOD
T32 17	Sink in lavatory: dirty.	AIRLINE METHOD
T32 47	Sink in lavatory: plugged.	38-30 TASK 819
T39 12	Toilet roll holder: damaged.	AIRLINE METHOD
T39 39	Toilet roll holder: missing.	AIRLINE METHOD
T41 49	Water supply in lavatory: poor quality.	38-10 TASK 810
T41 54	Water supply in lavatory: smells bad.	38-10 TASK 810

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