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SA26 - SA226 - SA227 - SA227 COMMUTER CATEGORY TECHNICAL PUBLICATIONS INDEX

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SA26-T



MERLIN IIB
SA-26AT



MERLIN III
SA226-T



MERLIN IIIA
SA226-TA



MERLIN IIIB
SA226-T(B)



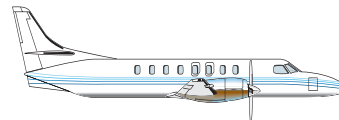
MERLIN IIIC
SA227-TT



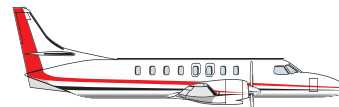
FAIRCHILD 300
SA227-TT (300)



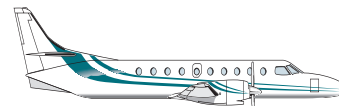
MERLIN IV
SA226-AT



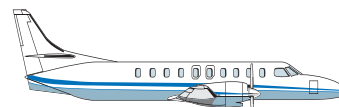
MERLIN IVC
SA227-AT



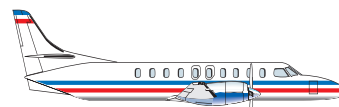
MERLIN IVA
SA226-AT



METRO
SA226-TC



METRO II, IIA
SA226-TC (II)
SA226-TC (IIA)



METRO III
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SA227-BC (C-26A)



METRO 23
SA227-CC,
SA227-DC (C-26B)

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LETTER OF TRANSMITTAL

This document serves to provide operators of SA26, SA226, SA227, and SA227 COMMUTER CATEGORY airplanes with a listing of all available *Ontic Engineering and Manufacturing* publications and their current revision level, including active Temporary Revisions. All content listed in this index is available at the Ontic publication website. Using information on the last page of this letter, contact Ontic Sales Support Services to purchase a subscription for access to the publications essential to your operation.

Part Numbers (PNs) are listed after the manual title for use in ordering publications you need to access on the website. Airplane Flight Manuals are the only publication we offer in hard copy (paper). When ordering Airplane Flight Manuals, please provide the complete description listed in bold type, including the 3-digit character in parenthesis, if applicable. Example: (7AC) for SA227-AC 14,500 lbs. aircraft.

This Index is updated whenever a new or revised publication is added to the publication website. If you need to confirm the latest revision level of any Ontic publication, log onto the website and refer to the applicable section of this index. Also, whenever you log onto the website, you may want to view the list below first to check for publications that have changed since your last visit. A publication's revision date is not necessarily the date the publication or revision first appeared on the website due to the approval process.

Key: R# = Revision No. IR = Initial Revision TR = Temporary Revision

<u>PUBLICATION RELEASES AS OF 10-10-2025 AND ACTIVE SINCE SEPTEMBER 2024:</u>		
PUBLICATION	REV	REV DATE
SA226 AMM REV 130 WITH CHANGES TO THE TITLE PAGE, LIST OF EFFECTIVE PAGES, AND REVISIONS PAGE.	R130	10/10/2025
SA226 AMM CHANGE RUDDER BELLCRANK ATTACHMENT INSTRUCTIONS.	R130	10/10/2025
SA227 COMMUTER CATEGORY AMM REV 65 WITH CHANGES TO THE TITLE PAGE, LIST OF EFFECTIVE PAGES, AND REVISIONS PAGE.	R65	10/10/2025
SA227 COMMUTER CATEGORY AMM CHANGE RUDDER BELLCRANK ATTACHMENT INSTRUCTIONS.	R65	10/10/2025
SA227 COMMUTER CATEGORY AMM ADD DETAILED INSTRUCTIONS FOR PASSENGER DOOR INSTALLATION.	R65	10/10/2025
SA227 COMMUTER CATEGORY AMM CORRECT ENGINE POWER LEVER CABLE RIGGING STEPS.	R65	10/10/2025
SA227 AMM REV 145 WITH CHANGES TO THE TITLE PAGE, LIST OF EFFECTIVE PAGES, AND REVISIONS PAGE.	R145	09/22/2025
SA227 AMM CHANGE RUDDER BELLCRANK ATTACHMENT INSTRUCTIONS.	R145	09/22/2025
SA227 AMM ADD DETAILED INSTRUCTIONS FOR PASSENGER DOOR INSTALLATION.	R145	09/22/2025
SA227 AMM CORRECT ENGINE POWER LEVER CABLE RIGGING STEPS.	R145	09/22/2025

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SA227 IPC REV. 161 WITH CHANGES TO THE TITLE PAGE, LETTER OF TRANSMITTAL, REVISIONS PAGE, AND ALPHA AND NUMERIC INDEXES.	R161	09/05/2025
SA227 IPC ELIMINATE REDUNDANT VALVE, FUEL CROSSFLOW VERBIAGE.	R161	09/05/2025
SA227 IPC UPDATE DRAG BRACE ASSEMBLY PART NUMBERS.	R161	09/05/2025
SA227 IPC CORRECT NOSE LANDING GEAR ASSEMBLY PN.	R161	09/05/2025
SA227 IPC ADD SPACER PART NUMBER.	R161	09/05/2025
SA227 IPC UPDATE REAR SPAR SPLICE PART NUMBERS.	R161	09/05/2025
SA227 IPC CORRECT PART NUMBER TYPOS AND OMISSIONS.	R161	09/05/2025
SA227 COMMUTER CATEGORY AMM REV. 64 WITH CHANGES TO THE TITLE PAGE, LIST OF EFFECTIVE PAGES, LETTER OF TRANSMITTAL, AND REVISIONS PAGE.	R64	08/01/2025
SA227 COMMUTER CATEGORY AMM UPDATE INSTRUCTIONS FOR WRAPPING CONDITIONED AIR AND COLD AIR DUCTS WITH INSULATION.	R64	08/01/2025
SA227 COMMUTER CATEGORY AMM ADD NEW SECTION: HYDRAULIC SIGHT GLASS ASSEMBLY.	R64	08/01/2025
SA227 COMMUTER CATEGORY AMM UPDATE EMERGENCY EXIT ROUTES ILLUSTRATIONS.	R64	08/01/2025
SA227 COMMUTER CATEGORY AMM ADD NOTE TO ENGINE WIRE HARNESS SECTION REGARDING GROUND STUDS.	R64	08/01/2025
SA227 COMMUTER CATEGORY IPC REV. 60 WITH CHANGES TO THE TITLE PAGE, LETTER OF TRANSMITTAL, REVISIONS PAGE, AND ALPHA AND NUMERIC INDEXES.	R60	07/28/2025
SA227 COMMUTER CATEGORY IPC ADD FLAP HINGE BOLT PN.	R60	07/28/2025
SA227 COMMUTER CATEGORY IPC CORRECT NUT PN.	R60	07/28/2025
SA227 COMMUTER CATEGORY IPC ADD PREVIOUSLY OMITTED PN's TO ALPHA AND NUMERIC INDEXES. REFORMAT SECTION.	R60	07/28/2025
SA26 SL 26-SL-011 POTENTIAL 5G INTERFERENCE OF RADIO ALTIMETERS ON AIRPLANES	R1	07/07/2025
SA226 SL 226-SL-065 POTENTIAL 5G INTERFERENCE OF RADIO ALTIMETERS ON AIRPLANES	R1	07/07/2025
SA227 SL 227-SL-079 POTENTIAL 5G INTERFERENCE OF RADIO ALTIMETERS ON AIRPLANES	R1	07/07/2025
SA227 COMMUTER CATEGORY SL CC7-SL-072 POTENTIAL 5G INTERFERENCE OF RADIO ALTIMETERS ON AIRPLANES	R1	07/07/2025
SA227 COMMUTER CATEGORY IPC REV. 59 WITH CHANGES TO THE TITLE PAGE, LETTER OF TRANSMITTAL, REVISIONS PAGE, AND NUMERIC INDEX	R59	07/01/2025
SA227 COMMUTER CATEGORY IPC CHANGE REPLACEMENT QUALIFIER FOR ANNUNCIATOR PANEL ASSEMBLY PN.	R59	07/01/2025

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SA227 COMMUTER CATEGORY IPC ADD DOOR SEAL REPLACEMENT PN.	R59	07/01/2025
SA227 IPC REV. 160 WITH CHANGES TO THE TITLE PAGE, LETTER OF TRANSMITTAL, REVISIONS PAGE, AND ALPHA & NUMERIC INDEXES.	R160	07/01/2025
SA227 IPC ADD PLENUM CAP SUB-ASSEMBLY PN.	R160	07/01/2025
SA227 IPC ADD PNEUMATIC PLUMBING REPLACEMENT PN.	R160	07/01/2025
SA227 IPC ADD DOOR SEAL REPLACEMENT PN.	R160	07/01/2025
SA227 IPC CHANGED ANGLE PN EFFECTIVITY.	R160	07/01/2025
SA226 IPC REV. 112 WITH CHANGES TO THE TITLE PAGE, LETTER OF TRANSMITTAL, REVISIONS PAGE, AND NUMERIC INDEX	R112	07/01/2025
SA226 IPC ADD DOOR SEAL ALTERNATE PN.	R112	07/01/2025
SA226 IPC ADD ANGLE ALTERNATE PN.	R112	07/01/2025
SA226 IPC REV. 111 WITH CHANGES TO THE TITLE PAGE, LETTER OF TRANSMITTAL, REVISIONS PAGE, AND LIST OF EFFECTIVE PAGES.	R111	05/02/2025
SA226 IPC INTRO: UPDATE REVISIONS PROCEDURES.	R111	05/02/2025
SA226 IPC UPDATE TC EFFECTIVITY UNLOCKED/LOCKED PN.	R111	05/02/2025
SA226 IPC ALT END ROD PN.	R111	05/02/2025
SA226 IPC ADD SHIM IDENTIFIERS PN.	R111	05/02/2025
SA226 IPC CHANGE WASHER, LOCK PN.	R111	05/02/2025
SA226 IPC REPL PN FOR SEALS.	R111	05/02/2025
SA226 IPC ALT & REPL SPRING REPLACEMENT PN _s .	R111	05/02/2025
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SA226 IPC ALT & REPL SPRING REPLACEMENT PN _s .	R111	05/02/2025
SA226 IPC CORRECT AMPLIFIED BOX ASSY. EFFECTIVITY.	R111	05/02/2025
SA226 IPC ADD STRINGER PN _s .	R111	05/02/2025
SA227 COMMUTER CATEGORY IPC FULL REVISION WITH CHANGES TO FRONT MATTER SECTION AND PN _s . UPDATED ALPHA AND NUMERIC INDEXES. INCORPORATED TWO TEMPORARY REVISIONS FROM 2024.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC STARTER-GENERATOR: ADD Q.A.D. KIT PN _s .	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC ARMREST ASSEMBLY (C/O): ADD SPACER PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC SURFACE DEICE - WING: CORRECT PN _s .	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC MAIN LANDING GEAR, STRUT ASSEMBLY: ADD PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC CARGO DOOR LATCHES: ADD NEW AND ALTERNATE PN _s .	R58	04/14/2025

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SA227 COMMUTER CATEGORY IPC PAX DOOR, LATCHING MECHANISM: ADD BELLCRANK ASSEMBLY.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC NACELLE ASSEMBLY: CORRECT PNs.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC KEELSON BEAM ASSY, RH INBD: ADD ILLUSTRATION AND PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC OUTER WING, RIB ASSEMBLY: CORRECT RIB PN EFFECTIVITY.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC OUTER WING, WING EXT. ASSY.: ADD PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC ELEVATOR CONTROL, QUADRANT ASSEMBLY: UPDATE PNs AND ASSEMBLY.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC RUDDER, BELLCRANK, AND TORQUE TUBE ASSEMBLY: CORRECT PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC AILERON TRIM TAB, ACTUATOR INSTALLATION: CORRECT PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC NOSE LANDING GEAR, STRUT ASSEMBLY: CORRECT PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC FLAP ASSEMBLY, NACELLE FAIRING: ALT PNs.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC NEW PLENUM CAP PNs.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC ALT TURNBUCKLE PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC ALT BOLT PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC ALT TUBE ASSEMBLY PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC REPL LINK ASSEMBLY PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC MLG TIRE AND WHEEL ASSY PN.	R58	04/14/2025
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SA227 COMMUTER CATEGORY IPC CORRECT CLAMP PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC CORRECT TUBE ASSY PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC ADD PNEUMATIC PLUMBING PN.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC ALT HANDLE ASSEMBLY PN.	R58	04/14/2025
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SA227 COMMUTER CATEGORY IPC SWAP COLLAR FOR NUT PNs.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC ADD SEAL PNs.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC ADD BRACKET PNs.	R58	04/14/2025
SA227 COMMUTER CATEGORY IPC UPDATE ILLUSTRATION.	R58	04/14/2025
SA227 SB 227-32-040-R2 RH POWER LEVER NWS SWITCH	R2	03/25/2025

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SA226 SB 226-27-067R1 INSPECT 26-72003 RUDDER PEDALS FOR CRACKS.	R1	03/07/2025
SA227 SB 227-27-049R1 INSPECT 26-72003 RUDDER PEDALS FOR CRACKS.	R1	03/07/2025
SA227 COMMUTER CATEGORY SB CC7-27-017R1 INSPECT 26-72003 RUDDER PEDALS FOR CRACKS.	R1	03/07/2025
SA227 IPC FULL REVISION WITH CHANGES TO FRONT MATTER SECTION, PN _s , AND CAWI. INCORPORATE TWO TEMPORARY REVISIONS FROM 2024.	R159	02/14/2025
SA227 IPC ADD SPACER PN.	R159	02/14/2025
SA227 IPC ADD ALTERNATE VALVE ASSEMBLY PN.	R159	02/14/2025
SA227 IPC UPDATE MAIN LANDING GEAR STRUT ASSEMBLY PN _s .	R159	02/14/2025
SA227 IPC CHANGE AIRCRAFT EFFECTIVITY AND USE PN _s AS VENT ALTERNATIVES.	R159	02/14/2025
SA227 IPC PASSENGER DOOR FRAME ASSEMBLY. NEW PN _s .	R159	02/14/2025
SA227 IPC PASSENGER DOOR, LATCHING MECHANISM. NEW PN _s .	R159	02/14/2025
SA227 IPC LATCH ASSEMBLIES, CARGO DOOR. NEW PN _s .	R159	02/14/2025
SA227 IPC CORRECT OR REMOVE NACELLE ASSEMBLY PN _s .	R159	02/14/2025
SA227 IPC ADD AFT SPAR OUTBD - REAR FACE PN.	R159	02/14/2025
SA227 IPC ELEVATOR INSTALLATION/CONTROL QUADRANT: PN _s & ASSEMBLY.	R159	02/14/2025
SA227 IPC AILERON TRIM SYSTEM, ACTUATOR INSTALLATION: LIST ALT PN.	R159	02/14/2025
SA227 IPC RUDDER PEDAL INSTALLATION: CORRECT PN.	R159	02/14/2025
SA227 IPC ACTUATOR/BELLCRANK, MAIN LANDING GEAR: LIST ALT PN.	R159	02/14/2025
SA227 IPC LATCHING MECHANISM, CARGO DOOR: CORRECT PN.	R159	02/14/2025
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SA227 IPC FLAP ASSEMBLY, NACELLE FAIRING: ALT PN _s .	R159	02/14/2025
SA227 IPC CAWI DISTRIBUTION, ENGINE.	R159	02/14/2025
SA226 SB 226-52-020 REPLACEMENT OF JAWS ON PASSENGER AND CARGO DOOR LATCH ASSEMBLY.	IR	01/14/2025
SA227 SB 227-52-011 REPLACEMENT OF JAWS ON PASSENGER AND CARGO DOOR LATCH ASSEMBLY.	IR	01/14/2025
SA227 COMMUTER CATEGORY SB CC7-52-004 REPLACEMENT OF JAWS ON CARGO DOOR LATCH ASSEMBLY.	IR	01/14/2025
SA226 AMM UPDATE INTRO SECTION.	R129	12/12/2024
SA226 AMM TIME LIMITED AIRCRAFT COMPONENTS TABLE.	R129	12/12/2024
SA226 AMM CHECK AILERON DROOP INSTRUCTIONS.	R129	12/12/2024

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SA227 AMM UPDATE INTRO SECTION.	R144	12/12/2024
SA227 AMM CHECK AILERON DROOP INSTRUCTIONS.	R144	12/12/2024
SA227 AMM FUNCTIONAL CHECK PITOT HEAT SYSTEM.	R144	12/12/2024
SA227 AMM HEATED WINDSHIELD INSTRUCTIONS.	R144	12/12/2024
SA227 AMM PAINT PART NUMBER ADDITION.	R144	12/12/2024
SA227 COMMUTER CATEGORY AMM UPDATES TO INTRO SECTION.	R63	12/12/2024
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SA227 COMMUTER CATEGORY AMM PITOT TUBE INSTRUCTIONS.	R63	12/12/2024
SA227 COMMUTER CATEGORY HEATED WINDSHIELD INSTRUCTIONS.	R63	12/12/2024
SA226 SB 226-27-087R2 PITCH TRIM ACTUATORS.	R2	11/08/2024
SA227 SB 227-67-067R2 PITCH TRIM ACTUATORS.	R2	11/08/2024
SA227 COMMUTER CATEGORY SB CC7-27-038R2 PITCH TRIM ACTUATORS.	R2	11/08/2024
SA226 PHASE INSPECTION PROGRAM; FULL UPDATE.	R19	11/07/2024
SA227 PHASE INSPECTION PROGRAM; FULL UPDATE.	R22	11/07/2024
SA227 COMMUTER CATEGORY PHASE INSPECTION PROGRAM; FULL UPDATE.	R21	11/07/2024
SA226 IPC FULL REVISION WITH NEW "JAWS" PNs. INCORPORATED ONE TEMPORARY REVISION FROM 2024.	R110	10/25/2024
SA226 SB 226-52-008R3 REPLACEMENT OF CARGO DOOR LATCH AND/OR RECEPTACLE.	R1	09/20/2024

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SA26 SERIES

MERLIN SA26-AT DASH ONE FLIGHT MANUAL

[PN: 27-10054-028A; INCLUDES ALL SA26 DASH ONE AFMs]

INITIAL ISSUE 06 12 68

LATEST REVISION 05 14 15

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DATED 12 07 07

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DATED 12 07 07

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DATED 02 24 00

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MERLIN SA26-AT DASH TWO FLIGHT MANUAL

[PN: 27-10054-028B; INCLUDES ALL SA26 DASH TWO AFMs]

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MERLIN SA26-AT FLIGHT MANUAL DASH TWO SECTION I

DATED 12 07 07

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INITIAL ISSUE 07 15 66

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26-45	LANDING GEAR STRUT CAP RETAINING RING KEEPER	(R) 01 16 69
26-46	MODIFICATION OF CONTINUOUS FAN CIRCUIT	12 23 68
26-47	DEICER SYSTEM CIRCUIT MODIFICATION (WITH SUPPLEMENT A, REVISION A)	(R) 02 05 69
26-48	MODIFICATION FOR IMPROVED OIL TEMPERATURE CONTROL (WITH SUPPLEMENT A AND SUPPLEMENT B)	(R) 12 23 68
26-49	INSPECTION AND COMPONENT REPLACEMENT CABIN PRESSURE DUCTS	(R) 01 10 69
26-50	LANDING GEAR STRUT INFLATION	12 24 68
26-51	BLEED AIR FLOW RESTRICTOR	(R) 01 10 69
26-52	PRESSURIZATION FLOW CONTROL SENSE LINE RESTRICTOR	12 26 68
26-53	DEICER SYSTEM AIR SAFETY VALVE	(R) 01 13 69
26-54	MODIFICATION OF LANDING GEAR TORQUE TUBE DRIVE	01 16 69
26-55	ENGINE INLET HEAT (WITH SUPPLEMENT A)	01 13 69
26-56	OIL COOLER, AIR INLET HEAT (WITH SUPPLEMENT A)	01 14 69
26-57	WINDSHIELD CHANGE (WITH SUPPLEMENT A)	(R) 02 17 69
26-58	ICING APPROVAL	01 28 69
26-59	MODIFICATION OF ENGINE CONTROLS	04 25 69
26-60	REPLACEMENT OF SERIES/PARALLEL RELAYS	01 15 69
26-61	INCREASE LANDING WEIGHT	03 07 69
26-62	REINFORCEMENT NACELLE BEAMS	03 25 69
26-63	REPLACEMENT OF LANDING GEAR TORQUE DRIVE SEALS	04 25 69
26-64	MODIFICATION BOTTOM DOOR SEAL ATTACHMENT	03 07 69
26-65	REPLACEMENT REVERSE SPRING PACK SUPPORT	03 10 69
26-66	TAIL CONE - DRAIN HOLE	(R) 03 27 69
26-67	REPLACEMENT OF ENGINE BLEED AIR LINE AND BELLOWES	04 25 69
26-68	COCKPIT SIDE WINDOW REPLACEMENT	04 28 69
26-69	SUPERSEDED BY SERVICE LETTER 56-10-001	

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SA26 SERIES SERVICE LETTERS

INITIAL ISSUE 07 15 66

[SERVICE INFORMATION INCLUDES BULLETINS, LETTERS, AND NOTES -

PN: 27-10054-025]

NUMBER	DESCRIPTION	DATE
26-SL-001	COCKPIT HEATED WINDSHIELD (PN 26-21126) DAMAGE REPORT	(R) 08 31 12
26-SL-002	IMPROPER AILERON INSTALLATION	06 08 12
26-SL-003	INSPECT HONEYWELL PN 894568-2 FUEL LINE FOR DAMAGE	08 29 13
26-SL-004	NOT ISSUED	
26-SL-005	INSPECT HONEYWELL PN 894382-2/-5 ANTI-ICE TUBE FOR CRACKING AND DAMAGE	09 29 14
26-SL-006	CABIN ALTITUDE WARNING SYSTEM OPERATIONAL TEST	(R) 11 07 18
26-SL-007	WINDSHIELD POST/LOWER SILL CORROSION	08 14 18
26-SL-008	UNAPPROVED BCP4W10 / BCP5W11 BEARING VENDOR PARTS	08 06 19
26-SL-009	ALTERNATE POLYURETHANE ANTENNA GASKET	03 20 19
26-SL-010	CHANGE OF NAME OF DESIGN APPROVAL HOLDER.....	10 27 23
26-SL-011	POTENTIAL 5G INTERFERENCE OF RADIO ALTIMETERS ON AIRPLANES.....	07 07 25
00-00-039	NOT ISSUED	
00-00-043	NOT ISSUED	
21-00-030	REPLACEMENT AIR CONDITIONER MOTOR - LEAR SIEGLER.....	06 10 70
21-00-031	NOT ISSUED	
21-00-041	REPLACEMENT AIR CONDITIONER MOTOR - MODIFIED EASTMAN.....	(R) 03 06 79
21-40-024	WRAPPING BLEED AIR LINES AND CONTROL CABLES IN WING LEADING EDGE	(R) 03 06 79
21-50-005	MODIFICATION OF FREON SYSTEM.....	08 04 69
21-50-008	FREON COMPRESSOR CASE COVER LEAKAGE	09 07 69
21-50-034	GROUND FOR EASTMAN AIR CONDITIONER MOTOR.....	06 15 70
24-00-028	SOLID STATE VOLTAGE REGULATOR.....	05 01 70
24-00-036	NEW CARBON PILE VOLTAGE REGULATOR.....	06 17 70
24-30-044	GENERATOR VOLT-AMMETER REPLACEMENT.....	02 09 73
26-20-012	NOT ISSUED	
26-27-00-045	INSPECTION OF PRIMARY FLIGHT CONTROL CABLE TERMINALS FOR CRACKS/PITTING CORROSION	05 29 01
27-50-004	INSPECTION OF FLAP POSITION TRANSMITTER ARM.....	07 22 69
27-50-032	REPLACEMENT OF FLAP LIMIT SWITCHES	06 10 70
28-20-002	REPLACEMENT AND RELOCATION OF FUEL BOOST PUMP HOSES AND INSTALLATION OF DOUBLER PLATES, FUEL BOOST PUMP MOUNTS.....	08 04 69
28-20-006	DELETED	
28-20-020	IMPROVED FUEL BOOST PUMP (WET CARBON BEARING).....	12 15 69
30-00-010	ICING APPROVAL	12 16 69
30-10-011	INSTALLATION OF AIR SAFETY VALVE	10 21 69
30-10-016	SURFACE DEICER BOOT CIRCUIT MODIFICATION	11 05 69
30-20-015	INTAKE HEAT MODIFICATION	11 05 69
30-30-017	PITOT HEAT CIRCUIT MODIFICATION	11 05 69
30-40-003	CONVERSION OF WINDSHIELD WIPER BLADE INSTALLATION.....	06 02 69
30-40-014	WINDSHIELD CHANGE	11 05 69
30-60-018	PROPELLER DEICER CIRCUIT MODIFICATION	11 05 69
32-20-021	NOSE STRUT SERVICE PORT, ACCESSIBILITY	02 03 70
32-20-037	LANDING GEAR LIMIT SWITCH REPLACEMENT (SUPPLEMENT 1).....	(R) 01 23 75
32-30-025	NOSE GEAR STEERING	04 24 70
32-30-029	IMPROVED MAIN LANDING GEAR ACTUATOR	(R) 03 06 79
32-40-023	PRESSURIZED BRAKE RESERVOIR	04 28 70
32-40-042	INCREASE IN NOSE WHEEL TIRE PRESSURE	(R) 03 06 79
34-10-027	PITOT AND STATIC SYSTEM IMPROVEMENT	07 17 70
52-10-013	INSTALLATION OF BUNGEE ASSEMBLY ON CABIN DOOR KIT	(R) 03 06 79
52-80-022	REPAIR OF FIBERGLASS MAIN LANDING GEAR DOOR	(R) 03 06 79
53-20-036	NOT ISSUED	
54-30-038	REPLACEMENT OF LOWER COWL INNER PAN	(R) 03 06 79

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NUMBER	DESCRIPTION	DATE
54-50-033	LOOSE RIVETS IN FORWARD EDGE OF ENGINE TURTLE BACK	09 28 70
55-20-009	REMOVAL AND INSTALLATION OF ELEVATOR ASSEMBLIES	10 15 69
56-10-001	INSTALLATION OF COCKPIT INNER SIDE WINDOWS (SUPERSEDES SB 26-69)	06 15 69
56-10-026	CENTER WINDSHIELD DE-FOG KIT	06 01 70
75-20-007	MODIFICATION OF BATTERY VENT SYSTEM.....	09 30 69
77-00-019	PRESSURE INDICATORS, INSTALLATION OF RESTRICTOR ASSEMBLIES	01 22 79
80-10-040	START CIRCUIT MODIFICATION	(R) 03 06 79

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SA26 SERIES SERVICE NOTES

INITIAL ISSUE 07 15 66

[SERVICE INFORMATION INCLUDES BULLETINS, LETTERS, AND NOTES -
PN: 27-10054-025]

NUMBER	DESCRIPTION	DATE
001	PROP BLADE COVERS	11 10 69
002	ACCESS PANEL TO SPEED SWITCHES	12 24 69
003	EMERGENCY ENTRANCE TO CABIN	12 24 69
004	ADJUSTMENT OF NOSE GEAR STEERING SWITCHES	03 25 70
005	VENDOR ITEM SERVICE INFORMATION	03 25 70
006	MAIN ENTRANCE DOOR SNUBBERS	08 27 70
007	CABIN DOOR (WITH SUPPLEMENT NO. 1)	05 20 70
008	PROCEDURES FOR FUEL QUANTITY CALIBRATION	05 20 70
009	NOT ISSUED	00 00 00
010	NOSE STEERING OPERATION	05 27 70
011	FLAP SYSTEM SERVICE INFORMATION	05 27 70
012	FREON AIR CONDITIONING SYSTEM (WITH ATTACHMENT NO. 1)	05 20 70
013	PRESSURIZATION SYSTEM OPERATING TECHNIQUE AND TROUBLESHOOTING	05 20 70
013A	PRESSURIZATION SYSTEM OPERATING TECHNIQUE AND TROUBLESHOOTING	03 10 71
014	TPE 331 ENGINE OPERATING INFORMATION	05 27 70
015	LUBRICATION OF STARTER/GENERATOR DRIVE SPLINE WITH SUPPLEMENT NO. 1	10 27 70
016	PROPELLER LUBRICATION	05 27 70
017	START CIRCUIT TROUBLESHOOTING	05 27 70
018	VENDOR ITEM SERVICE INFORMATION ON THE WOODWARD GOVERNOR CO.	06 15 70
019	AIRCRAFT SERVICE INFORMATION	06 15 70
020	VENDOR SERVICE INFORMATION - PROPELLERS	06 19 70
021	PT6A ENGINE SERVICE INFORMATION	08 06 70
022	VENDOR SERVICE INFORMATION - PT6 ENGINE	08 06 70
023	AIRCRAFT FUEL CONTROL AND SERVICE INFORMATION	08 11 70
024	INSTALLATION OF COFFEE DRAIN	08 27 70
025	MERLIN II GENERATOR CONTROL CIRCUIT	00 00 00
026	VENDOR SERVICE INFORMATION - PT6 ENGINE	00 00 00
027	ENGINE STARTING PROCEDURES	00 00 00
028	NOSE GEAR STEERING PARTS AVAILABILITY	00 00 00
029	SERVICE INFORMATION - TPE331 ENGINE	00 00 00
030	VENDOR SERVICE INFORMATION - HARTZELL PROPELLER	00 00 00
031	VENDOR SERVICE INFORMATION - TPE331 ENGINE	03 12 71
032	INSPECTION OF LANDING GEAR LIMIT SWITCH ACTUATOR ASSEMBLY	03 29 71
033	RESCINDED	00 00 00
034	NOT ISSUED	00 00 00
035	REMOVAL OF LANDING GEAR TORQUE TUBE GEAR BOX	05 22 72
036	OPTIONAL REPLACEMENT OF LANDING GEAR POSITION SWITCHES	07 15 72
037	INSPECTION OF ELEVATOR COUNTERWEIGHTS	07 27 72
038	NOSE STEERING COMPONENT INSTALLATION	08 16 72
039	AIR CONDITIONING SYSTEM MAINTENANCE	01 18 73
040	MISMATCHED BATTERY INSTALLATION	05 11 73
041	WOODWARD SERVICE BULLETIN 33550	05 21 73
042	B.F. GOODRICH SERVICE BULLETIN NO. E 71 40B	06 25 73
043	CLEANING AND LUBRICATION OF LANDING GEAR	08 27 73
	EMERGENCY ACTUATING SYSTEM	
044	HARTZELL PROPELLER BULLETIN NO. 105	05 05 74
045	COMPLIANCE WITH EPA FUEL VENTING REQUIREMENTS	11 18 74
046	HARTZELL PROPELLER SERVICE LETTER NO. 90 AND HARTZELL	02 12 75
	PROPELLER BULLETIN NO. 109 SUP 1 SUPPLEMENT	
	HARTZELL SERVICE LETTER NO. 90 08 21 75	
047	GROUND RUNNING OF ENGINES WITH E.P.A. FUEL PURGE KITS INSTALLED	02 26 75
048	MANUAL GROUND OR IN-FLIGHT SHUT-DOWN OF ENGINES	07 28 75
	WITH E.P.A. FUEL PURGE KITS INSTALLED	
049	CONVERSION OF PN 38D84 MASS FLOW CONTROL VALVES TO PN F38D84	09 09 75

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NUMBER	DESCRIPTION	DATE
050	OPTIONAL MODIFICATION TO LOWER CONNECTING ROD-LANDING GEAR EMERGENCY EXTENSION SYSTEM	10 07 75
051	BENDIX SERVICE BULLETINS NO. 87 AND 91	11 12 75
052	INSPECTION OF COCKPIT FLOORING	04 22 76
053	INSPECTION OF ELEVATOR HINGE BEARINGS.....	06 01 76
054	PROPELLER DEICE BRUSH BLOCK REPLACEMENT	10 15 78
055	INSPECTION OF LANDING GEAR ACTUATOR CLEVIS.....	02 02 81
056	NEW HEAVY DUTY TACHOMETER GENERATOR.....	02 10 81
057	BACKGROUND INFORMATION ON LOWER FORWARD WING ATTACH FITTINGS PN 50-110057 AND 50-110097	05 28 82
058	CRITICAL PROPELLER BLADE INSPECTION	04 12 83
26-SN-059	RUDDER TORQUE TUBE WEAR LIMITS.....	09 06 83
26-SN-060	NOSE STEERING SWITCH REPLACEMENT	10 06 87
26-SN-061	RUDDER TRIM TAB ROD ASSEMBLY	11 08 90
26-SN-062	POSSIBLE INFLATION DEVICE FAILURE ON SAFRAN LIFERAFTS	10 27 23

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SA226 SERIES

SA226 TC, AT/227AC, AT CONFIGURATION DEVIATION LIST

DATED 04 04 89

[INCLUDED WITH APPLICABLE PAPER AFM / INCLUDED ON ELECTRONIC 27-10054-218]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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MERLIN III/IIIA SA226-T FLIGHT MANUAL

REISSUE A DATED 06 28 76

[PNs: PAPER 27-10054-023 / ELECTRONIC 27-10054-218; INCLUDES ALL 226 AFMs]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
A-01	ADD APP FUEL/OILS LISTS, INC. SUPL 12, CLARIF. Vx	08 10 77
A-02	CHG ELECTRIC STEERING TO HYDRAULIC	10 25 77
A-03	CHG ALT ENG NUM, ADD REF TO OIL SPEC, NEW RPM LIM.....	12 14 78
A-04	CHG TO ADD WARNING TO SINGLE ENG BEST ANGLE/CLIMB	12 19 78
A-05	PART 135 OPER W/FAA APP EQUIP LIST (MMEL)	06 03 80
A-06	POWER LEVER LOCK OUT CHECK.....	06 27 80
A-07	INSTRUMENT MARKINGS EMERGENCY PROCEDURES	12 08 80
A-08	TEMPERATURE LIMITS.....	03 05 81
A-09	TAXI, STOPPING ENGINES.....	06 08 81
A-10	NOSE WHEEL STEERING - RESTRICTED USE	07 14 81
A-11	AUTO IGNITION SYSTEM (IF INSTALLED)	10 19 81
A-12	FLIGHT IN ICING CONDITIONS	12 18 81
A-13	NOSE WHEEL STEERING	01 14 82
A-14	GEAR UP LANDINGS.....	01 28 82
A-15	ADDED NOTES TO LANDING GEAR EMERGENCY EXTENSION	09 13 84
A-16	ADDS BLEED AIR & NOTE TO ENG FAILURE PROCEDURE	04 15 85
A-17	ICE PROTECTION EQUIPMENT	10 30 85
A-18	CHANGE COLD WEATHER OPERATIONS INFO	10 23 91
A-19	CHANGED BATTERY OVERHEAT WARNING SYSTEM AND ADDED CURRENT LIMITER CHECK.....	03 29 94
A-20	REVISED SECTIONS II AND III.....	09 14 95
A-21	REVISED SECTIONS i, I, II, AND III.....	10 16 97
A-22	REVISED SECTIONS i AND III.....	05 11 99
A-23	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 2 AND 3	04 28 00
A-24	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
A-25	ADDED TWO DOT CAUTION TO AFTER LANDING	11 29 05
A-26	ADDED FUEL BALANCING TO SECTIONS 1 AND 2	12 07 07
A-27	REVISED SECTION III	05 28 08
A-28	REVISED SECTIONS i AND I (ENGINE STARTER DUTY CYCLES).....	01 31 13
A-29	REVISED SECTIONS i AND III.....	11 14 14
A-30	REVISED SECTION III TO ADD L/R LOW OIL PRESSURE WARNING LIGHT PROCEDURE	07 27 20

MERLIN III/IIIA SA226-T FLIGHT MANUAL SECTION V

DATED 06 28 76

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	ADD MERLIN III CONFIGURATION "E" INFORMATION	05 01 77
02	CHANGE TO STANDARD CONFIGURATION, CLUB SEATING	08 10 77
03	EQUIPMENT LIST ADDITIONS	12 19 77
04	ADDITION OF LIST OF REVISIONS PAGES.....	11 15 83
05	CORRECTED NOSE AND WING JACK PADS INCHES/ARM.....	11 29 05

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MERLIN III/IIIA SA226-T FLIGHT MANUAL SECTION VI

DATED 06 28 76

REV. NO.	DESCRIPTION	DATE
01	CHANGE TO STALL SPEED AND MAX CRUISE POWER.....	08 10 77
02	APP ENG OILS, OPER WITH WATER OR ICE ON RUNWAY.....	12 14 78
03	EXTERNAL POWER SWITCH	12 21 79
04	ENG FLAMEOUT DUE TO ICE SHEDDING FROM SPINNERS	02 25 81
05	ADDITION OF LIST OF REVISIONS PAGES.....	11 15 83
06	NOISE CONTROL, LIST OF APPROVED ENGINE OILS	11 30 84
07	REVISED DATA	09 14 95

MERLIN III/IIIA, SA226-T FLIGHT MANUAL SUPPLEMENTS

SUP/REV	DESCRIPTION	DATE
SUP 01	DUAL SPERRY STAR FLIGHT DETECTOR (WAS SUP A)	06 28 76
SUP 02	LOW PRESSURE LANDING GEAR MODIFICATION (WAS SUP 1)	06 28 76
SUP 03	COLLINS WXR-80 WEATHER RADAR (WAS SUP 2)	06 28 76
SUP 04	BONZER TRN-70 RADAR ALTIMETER (WAS SUP 3)	06 28 76
SUP 05	SPERRY STARS IVB FLIGHT DIRECTOR SYS (WAS SUP 4)	06 28 76
SUP 06	RCA AVQ-55 WEATHER RADAR (WAS SUP 5)	06 28 76
SUP 07	BONZER TRN-71 RADAR ALTIMETER (WAS SUP 6)	06 28 76
SUP 08	OIL PRESSURE AND PITOT HEAT LIMITS (WAS SUP 10)	06 28 76
SUP 09	MASTER WARNING LIGHTS (WAS SUP 16)	06 28 76
SUP 10	LOW PRESSURE TIRES (WAS SUP 21)	06 28 76
SUP 11	DUAL CAMERA PROVISIONS	(R) 03 22 78
SUP 12	DELETED (INCORPORATED INTO BASIC MANUAL)	08 10 77
SUP 13	INDEPENDENT PITOT HEAT CONTROL	06 28 77
SUP 14	ALCOHOL-WATER INJECTION SYSTEM	07 20 77
SUP 15	SINGLE CAMERA PROVISIONS	04 20 78
SUP 16	SPEED LEVER NOSE WHEEL STEERING SWITCH.....	06 08 79
SUP 17	OPERATION WITH SPADE DOORS REMOVED.....	01 11 82
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 226-23-001)	01 09 92
UN	AUTO/CONT IGNITION SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82087)	02 24 00
REV 01	REVISED PAGES 2, 3, AND 7	09 06 01
REV 02	REVISED PAGES 2 AND 5	12 12 02
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

MERLIN IIIB SA226-T(B) FLIGHT MANUAL

REISSUE B DATED 11 02 79

[PNs: PAPER 27-10054-021 / ELECTRONIC 27-10054-218: INCLUDES ALL 226 AFMs]

REV. NO.	DESCRIPTION	DATE
B-01	ADD REVERSE THRUST FOR IMPR GROUND MANEUVERABILITY.....	03 13 80
B-02	ZERO FUEL WEIGHT.....	04 09 80
B-03	CORR VFE SPEEDS, AIRESEARCH #, LOAD FACTORS, MMEL.....	06 03 80
B-04	POWER LEVER LOCKOUT CHECK.....	07 17 80
B-05	ENGINE GROUND START W/HIGH ET, ENG MAN. GRND. PROC.....	10 24 80
B-06	AIRSPED LIMIT, INSTR MARKINGS, FIRE GROUND/FLIGHT	03 12 81
B-07	TEMPERATURE LIMITS.....	03 12 81
B-08	TAXI, STOPPING ENGINES.....	06 08 81
B-09	NOSE WHEEL STEERING - RESTRICTED USE	07 14 81
B-10	AUTO/CONT IGNITION SYSTEM (IF INSTALLED)	10 19 81
B-11	FLIGHT IN ICING CONDITIONS	12 18 81
B-12	NOSE WHEEL STEERING.....	01 14 82
B-13	GEAR UP LANDINGS.....	01 28 82
B-14	INCREASE MAX FWD BAG CMPT LOADING.....	02 03 83
B-15	ADD ENGINE -511G & -512G.....	06 21 83
B-16	ADDED NOTES TO LANDING GEAR EMERGENCY EXTENSION	09 13 84



Ontic Engineering and Manufacturing, Inc

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<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
B-17	ADDS BLEED AIR & NOTE TO ENG FAILURE PROCEDURES	04 15 85
B-18	ICE PROTECTION EQUIPMENT	10 30 85
B-19	CHANGED BATTERY OVERHEAT WARNING SYSTEM AND ADDED CURRENT LIMITER CHECK.....	03 29 94
B-20	REVISED COVER, SECTIONS 3 AND 4.....	09 14 95
B-21	REVISED SECTIONS i, 2, 3A, AND 4	10 16 97
B-22	REVISED SECTIONS i AND 3.....	05 11 99
B-23	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 3 AND 4	04 28 00
B-24	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
B-25	ADDED TWO DOT CAUTION TO AFTER LANDING.....	11 29 05
B-26	ADDED FUEL BALANCING TO SECTIONS 2 AND 3A.....	12 07 07
B-27	REVISED SECTION 3	05 28 08
B-28	REVISED SECTIONS i, 1, AND 2.....	09 03 13
B-29	REVISED SECTIONS i AND 3.....	11 14 14
B-30	REVISED SECTION III TO ADD L/R LOW OIL PRESSURE WARNING LIGHT PROCEDURE	07 27 20

MERLIN IIIB SA226-T(B) FLIGHT MANUAL SECTION 6

DATED 11 02 79

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	ADDED -502G ENGINE.....	03 13 80
02	CHANGE TO WEIGHT & MOMENT ENVELOPE.....	04 09 80
03	CHANGE TO EQUIPMENT LIST	10 27 80
04	MAX CAPACITY OF NOSE BAGGAGE COMPARTMENT.....	02 03 83
05	ADDITION OF LOG OF REVISIONS PAGES.....	11 15 83
06	CORRECTED NOSE AND WING JACK PADS INCHES/ARM.....	11 29 05

MERLIN IIIB SA226-T(B) FLIGHT MANUAL SECTION 7

DATED 11 02 79

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	ADDED -502G ENGINE.....	03 13 80
02	REVERSE TAXI OPERATIONS	04 16 80
03	CHANGE TO FUEL CROSSOVER, SYSTEM, & JET PUMP.....	06 03 80
04	ENG GROUND START WITH HIGH RESIDUAL ET	10 24 80
05	ENG FLAMEOUT DUE TO ICE SHEDDING FROM PROP SPINNER.....	02 25 81
06	ADDITION OF LOG OF REVISIONS PAGES.....	11 15 83
07	APPROVED ENGINE OILS, NOISE CONTROL, WET SNOW OPS.....	11 30 84
08	GUST LOCK BELT.....	01 01 86
09	REVISED DATA	09 14 95
10	REVISED DATA	05 11 99
11	ADDED ALTERNATE RUDDER GUST LOCK.....	11 06 03

MERLIN IIIB SA226-T(B) FLIGHT MANUAL SECTION 8

DATED 11 02 79

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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MERLIN IIIB SA226-T(B) FLIGHT MANUAL SUPPLEMENTS

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
SUP 01	ANTI-SKID BRAKES.....	(R) 11 02 79
SUP 02	SPEED LEVER NOSE WHEEL STEERING SWITCH.....	04 26 79
REV 01	CHANGES IN TEST PROCEDURES	10 23 80
SUP 03	CONTINUOUS ALCOHOL-WATER INJECTION (CAWI) SYSTEM.....	08 08 79
REV 01	MINOR CHANGES TO PERFORMANCE CHARTS.....	11 02 79
REV 02	CHANGE POWER AND ET SETTINGS	10 23 80
REV 03	REVISED AWI FLUID MIX AND ADD LIST OF REVISION.....	12 29 86
SUP 04	FUEL QUANTITY PLACARDS.....	06 05 80

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REV. NO.	DESCRIPTION	DATE
SUP 05	14,000 POUND TAKEOFF GROSS WEIGHT RESTRICTION CAT	07 29 80
SUP 06	HARTZELL LT10576B PROPELLERS.....	11 18 80
SUP 07	OPERATION WITH SPADE DOORS REMOVED.....	01 11 82
SUP 08	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 226-23-001).....	01 03 92
SUP 09	AUTO/CONT IGNITION SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82087)	02 24 00
REV 01	REVISED PAGES 2 AND 7	12 12 02
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

MERLIN IV/IVA SA226-AT FLIGHT MANUAL

REISSUE B DATED 05 06 77

[PNs: PAPER 27-10054-025 / ELECTRONIC 27-10054-218: INCLUDES ALL 226 AFMs]

REV. NO.	DESCRIPTION	DATE
B-01	PROVIDES FOR STANDARDIZED ITT GAUGE	08 10 77
B-02	CHANGE ELECTRIC STEERING TO HYDRAULIC	10 25 77
B-03	CHANGE FUEL QUANT LIMIT. & OVERSPEED GOVN LIMIT.	04 11 78
B-04	REVISED TO SHOW IMPROVED LANDING DISTANCES.....	11 14 78
B-05	REVISED TO SHOW ALT. ENGINE NUM./ADD REF TO OIL SPEC	12 14 78
B-06	CHANGE CRSFLW VAL CLOSED TO/LANDING-ADD LIGHT	02 09 79
B-07	PART 135 OPTS W/FAA APP EQUIP LIST (MMEL).....	06 03 80
B-08	POWER LEVER LOCK OUT CHECK.....	07 17 80
B-09	INSTRUMENT MARKINGS & EMERGENCY PROCEDURES	12 08 80
B-10	TEMPERATURE LIMITS.....	03 05 81
B-11	TAXI, STOPPING ENGINES.....	06 03 81
B-12	NOSE WHEEL STEERING - RESTRICTED USE	07 14 81
B-13	AUTO IGNITION SYSTEM (IF INSTALLED)	10 19 81
B-14	FLIGHT IN ICING CONDITIONS	12 18 81
B-15	NOSE WHEEL STEERING	01 14 82
B-16	GEAR UP LANDINGS.....	01 28 82
B-17	NOSE WHEEL STEERING, OXYGEN FLOW, & ENG FIRE SYS.....	04 20 84
B-18	ADD NOTES TO LANDING GEAR EMERGENCY EXTENSION	09 13 84
B-19	ADDS BLEED AIR & NOTE TO ENG FAILURE PROCEDURES	04 15 85
B-20	ICE PROTECTION EQUIPMENT	10 30 85
B-21	CHANGE COLD WEATHER OPERATIONS INFORMATION.....	10 23 91
B-22	CHANGED BATTERY OVERHEAT WARNING SYSTEM AND ADDED CURRENT LIMITER CHECK.....	03 29 94
B-23	REVISED SECTIONS 2 AND 3.....	09 14 95
B-24	REVISED SECTIONS i, I, II, AND III.....	10 16 97
B-25	REVISED SECTIONS i AND III.....	05 11 99
B-26	REVISED SECTIONS i AND II.....	02 03 00
B-27	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 2 AND 3	04 28 00
B-28	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
B-29	ADDED TWO DOT CAUTION TO AFTER LANDING	11 29 05
B-30	ADDED FUEL BALANCING TO SECTIONS 1 AND 2	12 07 07
B-31	REVISED SECTION III	05 28 08
B-32	REVISED SECTIONS i AND I (ENGINE STARTER DUTY CYCLES).....	01 31 13
B-33	REVISED SECTIONS i AND III.....	11 14 14
B-34	REVISED SECTION III TO ADD L/R LOW OIL PRESSURE WARNING LIGHT PROCEDURE	07 27 20

MERLIN IV/IVA SA226-AT FLIGHT MANUAL SECTION V

DATED 05 06 77

REV. NO.	DESCRIPTION	DATE
01	CHANGE TO EQUIP LIST & WT LIMIT TO TIE DOWN RINGS	12 19 77
02	ADDS FUEL INFO TO CHART AND FUEL MOVEMENT TABLE	04 11 78
03	ALLOWABLE WT THAT MAY BE TIED TO EA FLOOR FITTING.....	04 02 82
04	ADDITION OF LIST OF REVISIONS PAGES.....	11 15 83
05	CORRECTED LIST OF EFFECTIVE PAGES.....	08 23 01
06	CORRECTED NOSE AND WING JACK PADS INCHES/ARM.....	11 29 05

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MERLIN IV/IVA SA226-AT FLIGHT MANUAL SECTION VI

DATED 05 06 77

REV. NO.	DESCRIPTION	DATE
01	CHANGE TO CONDITIONS OF MINIMUM CONTROL SPEED	04 11 78
02	APP ENG OILS, OPER WITH WATER OR ICE ON RUNWAY	12 14 78
03	CHANGE % RPM GROUND STARTS HIGH ITT, HYDROPLANING	07 20 79
04	ENG FLAMEOUT DUE TO ICE SHEDDING FROM PROP SPINNER	02 25 81
05	ADDITION OF LIST OF REVISIONS PAGES	11 15 83
06	NOISE CONTROL, LIST OF APPROVED ENGINE OILS	11 30 84
07	REVISED DATA	09 14 95

MERLIN IV/IVA SA226-AT FLIGHT MANUAL SUPPLEMENTS

REV. NO.	DESCRIPTION	DATE
SUP 01	BENDIX MODEL M-4C FLIGHT CONTROL SYSTEM	05 06 77
SUP 02	SPERRY STARS IVB FLIGHT DIRECTOR SYS (WAS SUP 3)	05 06 77
SUP 03	KING RADIO CORPORATION KNC 610 AREA NAVIGATION	05 06 77
SUP 04	RCA AVQ-21 WEATHER RADAR (WAS SUP 5)	05 06 77
SUP 05	BONZER TRU-71 RADAR ALTIMETER (WAS SUP 6)	05 06 77
SUP 06	OIL PRESSURE AND PITOT HEAT LIMITS (WAS SUP 12)	05 06 77
SUP 07	MASTER WARNING LIGHTS (WAS SUP 17)	05 06 77
SUP 08	LOW PRESSURE MAIN GEAR TIRES (WAS SUP 21)	05 06 77
SUP 09	ALCOHOL-WATER INJECTION (AWI) SYSTEM (WAS SUP 22)	05 06 77
SUP 10	EMERGENCY/CONTINUOUS AWI SYSTEM (WAS SUP 23)	05 06 77
SUP 11	STANDBY ROCKET ENGINE (WAS SUP 25)	(R) 12 20 83
SUP 12	INDEPENDENT PITOT HEAT CONTROL	06 28 77
SUP 13	SPEED LEVER NOSE WHEEL STEERING SWITCH	04 26 79
SUP 14	FLYOVER SOUND LEVEL COMPLIANCE	(R) 09 29 80
SUP 15	OPERATION WITH SPADE DOORS REMOVED	01 11 82
SUP 16	CONRAC SAS	12 08 82
REV 01	NUMBERED, RENAMED, REPRINTED AND REISSUED	12 07 88
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 226-23-001)	01 03 92
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)	(R) 05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002)	04 13 94
UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795)	11 26 99
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0	08 30 00
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063)	02 03 00
UN	AUTO/CONT IGNITION SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82087)	02 24 00
REV 01	REVISED PAGES 2, 3, AND 7	09 06 01
REV 02	REVISED PAGES 2 AND 5	12 12 02
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

METRO II/IIA SA226-TC FLIGHT MANUAL

REISSUE A DATED 12 01 76

[PNs: PAPER 27-10054-027 / ELECTRONIC 27-10054-218; INCLUDES ALL 226 AFMs]

REV. NO.	DESCRIPTION	DATE
A-01	GRADE 100LL AVIATION GASOLINE	04 12 77
A-02	INCORPORATE SUP 14 AND 15, CLARIFY Vx	08 10 77
A-03	CHANGE ELECTRICAL NOSE STEERING TO HYDRAULIC	10 25 77
A-04	IMPROVED LANDING DISTANCE	11 14 77
A-05	ALT ENGINE, OIL SPECS, RPM LIMITS, WATER SPECS	12 14 78

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REV. NO.	DESCRIPTION	DATE
A-06	FUEL CROSSFLOW VALVE CLOSED ON TAKEOFF, LIGHT	02 08 79
A-07	CORRECT INSTR MARKINGS WITH FAA APP MMEL, FUEL SYS	06 03 80
A-08	POWER LEVER LOCK OUT CHECK.....	07 17 80
A-09	INSTRUMENT MARKINGS & EMERGENCY PROCEDURES	12 08 80
A-10	TEMPERATURE LIMITS.....	12 09 80
A-11	FIRE EXTINGUISHERS.....	12 09 80
A-12	TAXI, STOPPING ENGINES.....	06 03 81
A-13	LANDING DISTANCE OVER 50 FOOT HEIGHT.....	07 14 81
A-14	NOSE WHEEL STEERING-RESTRICTED USE	07 14 81
A-15	AUTO IGNITION SYSTEM (IF INSTALLED)	10 19 81
A-16	EXPANDED NOTES & REV PERFORMANCE CHARTS.....	12 17 81
A-17	FLIGHT IN ICING CONDITIONS	12 18 81
A-18	NOSE WHEEL STEERING.....	01 14 82
A-19	GEAR UP LANDINGS.....	01 28 82
A-20	REVISED PERFORMANCE CHARTS.....	01 28 82
A-21	SETTING POWER FOR TAKEOFF AND MAXIMUM CONTINUOUS	05 05 82
A-22	ADDED NOTE: REQ. ENGINE TORQUE BY 80 KNOTS.....	06 09 82
A-23	ENGINE FAILURE NOTE ADDED TO PAGE III-2	07 14 82
A-24	NOTES CHANGES ON PAGE II-8.....	11 15 82
A-25	NOSE WHEEL STEERING, OXYGEN FLOW, & ENG FIRE SYS.....	04 20 84
A-26	ADDED NOTES TO LANDING GEAR EMERGENCY EXTENSION	09 13 84
A-27	ADDS BLEED AIR & NOTE TO ENG FAILURE PROCEDURES	04 15 85
A-28	ICE PROTECTION EQUIPMENT	10 30 85
A-29	CHANGE COLD WEATHER OPERATION INFORMATION	10 23 91
A-30	CHANGED BATTERY OVERHEAT WARNING SYSTEM AND ADDED CURRENT LIMITER CHECK.....	03 29 94
A-31	REVISED SECTIONS II AND III.....	09 14 95
A-32	REVISED SECTIONS I AND II.....	11 21 95
A-33	REVISED SECTIONS i, I, II AND III.....	10 16 97
A-34	REVISED SECTIONS i, 1, AND III.....	06 11 99
A-35	REVISED SECTIONS i AND III.....	08 17 99
A-36	REVISED SECTIONS i AND II.....	02 03 00
A-37	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 2 AND 3	04 28 00
A-38	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFORMATION	08 08 00
A-39	REVISED SECTIONS i, I, AND II.....	07 06 01
A-40	ADDED TWO DOT CAUTION TO AFTER LANDING	11 29 05
A-41	ADDED FUEL BALANCING TO SECTIONS 1 AND 2	12 07 07
A-42	REVISED SECTION III	05 28 08
A-43	REVISED SECTIONS i AND III.....	11 14 14
A-44	REVISED SECTION III TO ADD L/R LOW OIL PRESSURE WARNING LIGHT PROCEDURE	07 27 20

METRO II/IIA SA226-TC FLIGHT MANUAL SECTION V

DATED 12 01 76

REV. NO.	DESCRIPTION	DATE
01	EQUIP LIST & WEIGHT AND BALANCE CHANGE	06 15 77
02	EQUIPMENT LIST CHANGE	08 10 77
03	CHANGE ELECTRICAL NOSE STEERING TO HYDRAULIC	12 19 77
04	EQUIPMENT LIST CHANGE.....	10 27 80
05	EQUIPMENT LIST CHANGE.....	04 14 81
06	CHANGE TO LOADING INSTRUCTIONS.....	03 25 82
07	LOADING HIGH DENSITY INDUSTRIAL EQUIPMENT.....	01 20 83
08	ADD LIST OF REVISION PAGES.....	11 15 83
09	CORRECTED NOSE AND WING JACK PADS INCHES/ARM.....	11 29 05



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METRO II/IIA SA226-TC FLIGHT MANUAL SECTION VI DATED 12 01 76

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	SPARE BULBS FOR COCKPIT LIGHTING	12 19 77
02	ENGINE GROUND STARTS & HYDROPLANING	07 20 79
03	PILOT OP TIPS & EXTERNAL POWER SWITCH.....	12 21 79
04	ENG FLAMEOUT DUE TO ICE SHEDDING FROM SPINNER.....	02 25 81
05	LANDING DIST OVER 50' WITH ICE	01 28 82
06	ADD POWER SETTING CHART	05 05 82
07	MAX POWER SETTING CHART	07 15 82
08	ADD LIST OF REVISION PAGES.....	11 15 83
09	APPROVED ENGINE OILS, NOISE CONTROL	11 30 84
10	REVISED DATA	09 14 95
11	REVISED DATA	07 06 01

METRO II/IIA SA226-TC FLIGHT MANUAL SUPPLEMENTS

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
SUP 01	BENDIX MODEL M-4C FLIGHT CONTROL SYSTEM	01 14 71
SUP 02	BONZER TRN-70 RADAR ALTIMETER	01 14 71
SUP 03	RCA AVQ-55 WEATHER RADAR	01 14 71
SUP 04	SPERRY STARS IVB FLIGHT DIRECTOR	01 14 71
SUP 05	OIL PRESSURE AND PITOT HEAT LIMITS (WAS SUP 9)	01 09 74
SUP 06	ALCOHOL-WATER INJECTION SYSTEM LIMITS (WAS SUP 11)	01 11 74
SUP 07	ALCOHOL-WATER INJECT LIMITS (TC-208) (WAS SUP 12).....	03 29 74
SUP 08	D.C. VOLTMETER RETROFIT (WAS SUP 17)	05 27 75
SUP 09	LOW PRESSURE TIRES (WAS SUP 19).....	05 06 75
SUP 10	HIGH ALTITUDE KIT (WAS SUP 26).....	11 06 75
REV 01	TAKEOFF POWER (REV 1 TO SUP 10)	05 05 82
REV 02	ENGINE FAILURE NOTE ADDED (REV 2 TO SUP 10).....	07 14 82
REV 03	ADD UPCO 1337-1 ROCKET MOTOR.....	12 20 83
SUP 11	REDUCED FUEL CAPACITY (WAS SUP 22).....	11 06 75
SUP 12	31,000 FOOT OPERATING ALTITUDE (WAS SUP 25).....	06 06 76
SUP 13	CONTINUOUS AWI SYSTEM (WAS SUP 26).....	08 05 76
REV 01	ENGINE TORQUE (REV 1 TO SUP 13)	12 17 81
REV 02	TAKEOFF POWER (REV 2 TO SUP 13)	05 05 82
SUP 14	DELETED (INCORPORATED IN MAIN MANUAL).....	08 10 77
SUP 15	DELETED (INCORPORATED IN MAIN MANUAL).....	08 10 77
SUP 16	GROUND AIR CONDITIONING CONNECTOR.....	05 31 77
SUP 17a	TILLER WHEEL NOSE GEAR STEERING	09 07 82
SUP 18	EMERGENCY AWI SYSTEM (PUMP OPERATED)	07 05 77
REV 01	ENGINE FAILURE NOTE (REV 1 TO SUP 18)	07 14 82
SUP 19	INDEPENDENT PITOT HEAT CONTROL	06 28 77
SUP 20	ANTI-SKID BRAKE SYSTEM	11 14 78
SUP 21	SPEED LEVER NOSE WHEEL STEERING SWITCH.....	04 26 79
SUP 22	FLYOVER SOUND LEVEL COMPLIANCE..... (R)	09 29 80
SUP 23	REDUCED POWER TAKEOFF	08 08 79
SUP 24	FUEL QUANTITY PLACARDS.....	12 14 78
SUP 25	179 CUBIC FOOT OXYGEN SUPPLY	(R) 08 18 86
SUP 26	13,230 POUND TAKEOFF WEIGHT (TC-398 & SUBSEQUENT).....	12 29 80
REV A	MINIMUM CREW REQUIREMENTS (REV A TO SUP 26)	12 31 80
REV B	REVISED LANDING DISTANCES (REV B TO SUP 26).....	07 31 81
REV C	MINIMUM CREW (REV C TO SUP 26)	01 11 82
REV D	MAXIMUM T/O WT CONT WET POWER (REV D TO SUP 26)	01 28 82
REV E	ADDED MAXIMUM ZERO FUEL WEIGHT TO LIMITATIONS.....	01 12 98
SUP 27	DETERIORATED POWER OPERATION.....	07 29 81
REV 01	OAT FOR EMERG AWI OP & LANDING WT (REV TO SUP 27).....	08 28 81
REV 02	LIMITATION NOTES (REV 2 TO SUP 27)	02 10 82
REV 03	FIGURE REFERENCE ADDED (REV 3 TO SUP 27).....	05 05 82
REV 04	FIGURE REFERENCE TO WORK SHEET (REV 4 TO SUP 27)	07 14 82

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REV. NO.	DESCRIPTION	DATE
REV 05	CLARIFY DEFINITION OF T/O POWER (REV 5 TO SUP 27).....	08 17 83
SUP 28	OPERATION WITH SPADE DOORS REMOVED.....	01 11 82
REV 01	PERFORMANCE SPADE DOORS REMOVED (REV 1 TO SUP 28).....	07 14 82
REV 02	CLARIFICATION OF APP/ AC MOD/SN (REV 2 TO SUP 28).....	08 17 83
REV 03	OPERATION OF METRO IIA AT OR BELOW 12,500 POUNDS	05 14 85
REV 04	PROVIDE FOR A/C TC-416 AND ABOVE	02 24 86
SUP 29	CONRAC SAS	07 20 82
REV 01	REPRINT	05 31 83
REV 02	NUMBERED, RENAMED, REPRINTED AND REISSUED	12 07 88
UN	13,100 POUND TAKEOFF WEIGHT FOR METRO IIA.....	06 19 80
UN	FIVE-COMPARTMENT CARGO CONFIGURATION (IF MODIFIED IAW STC SA 763SW AND FAIRCHILD AIRCRAFT DRAWING 27-14058).....	11 28 89
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 226-23-001).....	01 03 92
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-23).....	03 18 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-1/-19).....	03 22 93
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)..... (R)	05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94
UN	FIVE-COMPARTMENT CARGO CONFIGURATION (27-14132-25) (FOR AIR- PLANES WITHOUT SEAT TRACKS BUT WITH ADDITIONAL PAN FITTINGS)	04 18 94
UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795).....	11 26 99
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0	08 30 00
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063)	02 03 00
UN	AUTO/CONT IGNITION SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82087)	02 24 00
REV 01	REVISED PAGES 2, 3, AND 7	09 06 01
REV 02	REVISED PAGES 2 AND 5.....	12 12 02
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

SA226 SERIES AIRFRAME INSPECTION MANUAL ST-UN-M002 **REISSUE A 12 09 86**
[PNs: PAPER 27-10054-035; INCLUDED WITH 27-10054-031, 27-10054-033 AND 27-10054-213 / ELECTRONIC 27-10054-225. INSPECTION MANUAL SET; INCLUDES ST-UN-M002, SUPPLEMENTAL INSPECTION DOCUMENT, LETTERCHECK, AND PHASE INSPECTION]

REV. NO.	DESCRIPTION	DATE
A-13	REVISED PAGES i, v, 3, AND 13-70	04 25 12
TR-001	CLARIFIED DOOR LATCH INSPECTION REQUIREMENTS. INCLUDED ALL POTENTIALLY INSTALLED LATCH ASSEMBLY PART NUMBERS. ADDED CABIN DOOR SILL INSPECTION REQUIREMENT	11 17 14
TR-005	UPDATES SUPPLEMENT A, SYSTEM INSPECTIONS AND LIFE LIMITS	03 10 21

SA226/SA227 SERIES SUPPLEMENTAL INSPECTION DOCUMENT (SID) **INITIAL ISSUE 09 27 99**
[PNs: PAPER 27-10054-213; INCLUDED WITH 27-10054-031, 27-10054-033 AND 27-10054-035 / ELECTRONIC 27-10054-225. INSPECTION MANUAL SET; INCLUDES ST-UN-M002, SUPPLEMENTAL INSPECTION DOCUMENT, LETTERCHECK, AND PHASE INSPECTION]

REV. NO.	DESCRIPTION	DATE
F	REVISED DATA	05 01 12
TR-002	APPENDIX C, PG 9 OF 14.....	05 18 15

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SA226/SA227 FIELD MAINTENANCE PROCEDURES (FMP) 57-011 EDDY-CURRENT INSPECTION PROCEDURES. B.L. 9 (INCLUDED IN SUPPLEMENTAL INSPECTION DOCUMENT (SID)) **INITIAL ISSUE 09 06 96**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
02	REVISED DATA	08 12 04
TR-002	APPENDIX C, PG 9 OF 14.....	05 18 15

METRO II SA226 SERVICING AND RECOVERY MANUAL **REISSUE A SEP 97** **[PNs: PAPER 27-10054-029 / INCLUDED ON ELECTRONIC 27-10054-218]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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SA226 SERIES MAINTENANCE MANUAL **INITIAL ISSUE 11 25 72** **[PNs: PAPER 27-10054-047 / ELECTRONIC 27-10054-048; INCLUDES 27-10054-078]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
130	REVISED TITLE AND REVISION PAGES, LIST OF EFFEC. PAGES, LTR. OF TRANSMITTAL	10 10 25
	CHANGED RUDDER BELLCRANK ATTACHMENT INSTRUCTIONS.....	10 10 25

SA226 SERIES ILLUSTRATED PARTS CATALOG **INITIAL ISSUE 10 01 72**

[PNs: PAPER 27-10054-045 / ELECTRONIC 27-10054-046]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
112	UPDATED NUMERIC INDEX.....	07 01 25
	ADDED DOOR SEAL REPLACEMENT PN.....	07 01 25
	ADDED ANGLE ALTERNATE PN.....	07 01 25

SA226/227 SERIES STRUCTURAL REPAIR MANUAL **INITIAL ISSUE 03 01 83**

[PNs: PAPER 27-10054-079 / ELECTRONIC 27-10054-080]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
40	REVISED CHAPTERS 53, 54, 56, AND 57	02 28 13
TR54-16	54-90-50, PG 34.....	04 18 13
TR51-21	51-30-02, PG 10.....	01 13 14
TR53-22	53-90-10, PGS 1, 2, 67, 68	01 30 14
TR52-17	52-90-30, PGS 1, 15-18	02 07 14
TR57-18	57-90-60, PG 36.....	02 10 14
TR52-19	52-90-30, PG 13.....	02 11 14
TR57-20	57-90-20, PGS 51-60	02 12 14
TR53-23	53-90-20, PGS 71-74	02 13 14
TR57-24	57-90-10, PGS 1, 2, 77-90, 95, 109-132.....	02 18 14
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TR53-24	53-90-10, PGS 1, 2, 69-74	11 19 14
TR54-27	54-90-10, PGS 1, 55-58	05 25 19
TR57-26	57-90-55, PGS 1-6	04 02 19

SA226 SERIES WIRING MANUAL **INITIAL ISSUE 02 15 77** **[PNs: PAPER 27-10054-043; INCLUDES 27-10054-189 / ELECTRONIC 27-10054-044; INCLUDES 27-10054-190]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
40	REVISED FRONT MATTER AND CHAPTER 20	02 26 20

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SA226 SERIES ELECTRICAL EQUIPMENT LIST **INITIAL ISSUE 08 25 00** **[PNs: PAPER 27-10054-189; INCLUDED WITH 27-10054-043 / ELECTRONIC 27-10054-190; INCLUDED ON 27-10054-044]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
12	REVISED FRONT MATTER AND SECTIONS A CODE, H/HA/HT, K, L, M, P, AND S	02 26 20

SA226/227 SERIES ILLUSTRATED TOOL AND EQUIPMENT MANUAL **REISSUE 11 01 00** **[PNs: PAPER 27-10054-077 / ELECTRONIC 27-10054-078; INCLUDED ON 27-10054-048]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
05	REVISED TABLE OF CONTENTS AND ADDED PAGES 95 THRU 98	01 29 15

SA226 SERIES LETTER CHECK INSPECTION PROGRAM **INITIAL ISSUE 11 01 76** **[PNs: PAPER 27-10054-033; INCLUDES 27-10054-035 AND 27-10054-213 / ELECTRONIC 27-10054-225. INSPECTION** **MANUAL SET; INCLUDES ST-UN-M002. SUPPLEMENTAL INSPECTION DOCUMENT, LETTER CHECK AND PHASE** **INSPECTION]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
A	COMPLETE REISSUE, REPLACES REV 23 AND INCORPORATES TRB-04, CHANGES DETAILED IN REISSUE A LETTER OF TRANSMITTAL	04 15 21
C-01	TEMPORARY REVISION CORRECTING TRANSPOSED NUMBERS AS NOTED ON PAGE C-25 ...	04 22 24

SA226TC PHASE INSPECTION MANUAL **INITIAL ISSUE 12 01 89** **[PNs: PAPER 27-10054-031; INCLUDES 27-10054-035 AND 27-10054-213 / ELECTRONIC 27-10054-225. INSPECTION** **MANUAL SET; INCLUDES ST-UN-M002. SUPPLEMENTAL INSPECTION DOCUMENT, LETTER CHECK AND PHASE** **INSPECTION]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
19	REPLACES REVISION 18; INCLUDES NEW TITLE PAGE, ONTIC LOGO AND LANGUAGE	11 07 24
	CHANGES DETAILED IN REVISION 19 LETTER OF TRANSMITTAL	11 07 24

SA226 SERIES SERVICE BULLETINS **REISSUE 03 07 16** **[SERVICE INFORMATION INCLUDES: BULLETINS, LETTERS, AND NOTES -** **PNs: PAPER 27-10054-039 / ELECTRONIC 27-10054-040]**

<u>NUMBER</u>	<u>DESCRIPTION</u>	<u>DATE</u>
11-001	INCREASE FWD BAGGAGE COMPARTMENT CAPACITY	03 01 83
11-002	AIRCRAFT IDENTIFICATION	12 08 87
21-001	INSTALL ADD THERM SWITCH HOT AIR DUCT	(R) 09 05 75
21-002	MODIFICATION OF CABIN AIR DUCTS	(R) 09 11 75
21-003	DOOR SEAL VALVE - INSTALLATION OF VENT HOLE	(R) 09 11 75
21-004	DOOR SEAL VALVE - INSTALLATION OF VENT HOLE	(R) 09 11 75
21-005	MODIFICATIONS TO IMPROVE SCREEN DEICING	(R) 09 11 75
21-006	MASS FLOW VALVE CONTROL CHANGE	(R) 09 11 75
21-007	IMPROVED OPERATION OF ANTI-ICE SUBSYSTEM	12 18 75
21-008	IMP OPERATION OF PNEUMATIC ANTI-ICE SUBSYSTEMS	04 19 77
21-008	SUPPLEMENT 1	05 03 77
21-009	ADDITION OF BLEED AIR HEAT EXCHANGER	05 11 77
21-010	INSTALLATION OF IMPROVED BLEED AIR DUCT	04 22 77
21-011	IMPROVED CABIN AIR CIRCULATION	09 16 77
21-012	USE OF FRESH AIR FAN WHILE IN FLIGHT	09 09 77
21-013	DUAL ELECTRIC CABIN TEMPERATURE CONTROL SYSTEM	08 28 81
21-014	IMPROVE DISTRIBUTION SYSTEM	(R) 10 03 86
21-015	MOISTURE BARRIER INSTALLATION	(R) 11 04 87

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NUMBER	DESCRIPTION	DATE
21-016	AIR CONDITIONING CONTROL VALVE RELOCATION.....	02 02 83
21-017	ANTI-ICE SCREEN INSTALLATION.....	10 24 85
21-018	NOT ISSUED	
21-019	IMPROVED COCKPIT FRESH AIR OUTLET.....	02 10 94
21-020	MODIFICATION - ALTERNATE CABIN ALTITUDE WARNING SWITCH.....	07 08 08
21-021	COCKPIT SHIELD INSTALLATION AT LEFT AND RIGHT CIRCUIT BREAKER CONSOLES.....	12 09 11
21-022	PERFORM PRESSURE TEST OF BLEED AIR HEAT EXCHANGER TUBE ASSEMBLY FORWARD OF THE FIRE WALL.....	(R) 10 08 15
A22-001	AUTOPILOT TRIM MODIFICATION.....	(R) 09 11 75
23-001	COCKPIT VOICE RECORDER.....	(R) 01 09 92
24-001	REPOSITION BATTERY LEAD CABLES.....	(R) 08 04 08
24-002	BUS WIRE TERMINATIONS - INSPECT & REPAIR AS REQ.....	(R) 09 16 75
24-003	INSTRUCTIONS FOR INSTALL OF BAT OVERHEAT WARNING.....	(R) 09 16 75
24-004	REMounting OF DIODE IN EXTERNAL POWER CIRCUIT.....	(R) 09 15 75
24-005	REPLACEMENT OF JUMPER IN START CIRCUIT.....	(R) 09 16 75
24-006	INSTALLATION OF THE START MODE CONTROL.....	(R) 09 16 75
24-007	BATTERY RELOCATION.....	(R) 09 16 75
24-008	INSTALL PANEL MOUNTED VOLTMETER & SEL SWITCH.....	(R) 09 16 75
24-009	RELOCATION OF CONTROL WIRE AT START CONTROL RELAY.....	08 26 75
24-010	INSTALLATION OF CIRCUIT BREAKERS IN METER LEADS.....	10 10 75
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114	PITCH TRIM WARNING HORNS	11 05 82
115	OXYGEN REQUIREMENTS, FAR 135 OPERATIONS	(R) 07 01 85

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117	AIRFRAME INSPECTION MANUAL, ST-UN-M002.....	04 06 83
118	RESCINDED BY SB 27-036 AND SB 32-048	
119	CIRCUIT BREAKER MOISTURE PROTECTION..... (R)	03 29 84
120	RESCINDED	07 26 93
121	ELECTRICAL PARTS SUBSTITUTION	04 16 84
122	PROCEDURE FOR CONVERTING SA227-TC FLOOR TO CARGO	05 07 85
123	PITCH TRIM ACTUATOR	12 09 83
124	PROP DEICE SYSTEM MAINTENANCE PROCEDURES.....	11 15 83
125	LANDING GEAR STRUT HEIGHT	12 20 83
126	NOT ISSUED	
127	WIRE IDENTIFICATION	(R) 10 04 88
128	METALLIC TUBING AND LINE SUPPORT.....	01 16 84
129	NOT ISSUED	
130	COCKPIT HYD FLUID CONT SHROUD ASSY & INSULATION BLANKETS.....	05 16 84
131	M.L.G. TIRE TEMPLATE..... (R)	09 12 90
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134	STALL AVOIDANCE SYSTEM (SAS)	08 06 84
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137	AIRCRAFT DEICING PROCEDURES.....	11 07 84
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141	SAS SERVO MOUNT BOLT ACCESS.....	02 28 85
142	PASSENGER & CARGO DOOR LATCH CHECK	02 28 85
143	FAR PART 135 COMMUTER OPERATION.....	06 17 85
144	FUEL LEAK CLICK-PATCH REPAIR	(R) 05 11 12
145	INSPECT SCEET HOSES IN SIDE CONSOLES	07 02 85
146	ELEVATOR QUADRANT LINK REPLACEMENT ASSEMBLY.....	07 11 85
147	CORRECT PART NUMBER IN SB 226-29-005.....	10 15 85
148	RESCINDED	
149	RESCINDED	
150	ALT FITTINGS FOR SB 226-35-002 AND 226-35-003.....	12 31 85
151	CLARIFICATION OF A.D.85-04-01.....	03 04 86
152	WING DEICER BOOT-ALTERNATE MATERIAL	04 02 86
153	IMPROVED FIRE EXTINGUISHER LOGIC MODULE	08 26 86
154	MLG TRUNNION BUSHING REPL PN..... (R)	09 10 86
155	NOSE STEERING SWITCH REPLACEMENT	10 06 87
156	NOT ISSUED	
157	FORWARD WING SPAR ACCESS PANEL HARDWARE INSPECTION.....	10 05 88
158	MAIN LANDING GEAR DOOR TO NACELLE CLEARANCE.....	11 28 88
159	UNPRESSURIZED FLIGHT PROCEDURES	04 03 89
160	ELEVATOR TORQUE TUBE INSPECTION.....	10 17 89
161	FUEL SHUTOFF BELLCRANK.....	11 16 90
162	RUDDER TRIM TAB ROD ASSEMBLY	11 08 9
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168	ACOUSTIC WINDOW PANE REMOVAL	01 25 93
169	EROSION PREVENTION FOR AERODYNAMIC FEATURES, AND ABRASION PROTECTION AT CERTAIN CHAFING POINTS	(R) 12 19 97
170	CHAFING, RUDDER CONTROL RODS.....	10 31 94
171	CHAFING ON OIL LINES FROM RUBBER OIL COOLER TRANSITION DUCT	10 03 23
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SA227 SERIES

SA226 TC, AT/227AC, AT CONFIGURATION DEVIATION LIST

DATED 04 04 89

[INCLUDED WITH APPLICABLE PAPER AFM / INCLUDED ON ELECTRONIC 27-10054-220 AND 27-10054-222]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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METRO III SA227-AC FLIGHT MANUAL 14,500 LB (7AC)

REISSUE B DATED 04 02 86

[PNs: PAPER 27-10054-073 / ELECTRONIC 27-10054-220; INCLUDES ALL 227 DOMESTIC AFMs]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
B-01	REVISED AIR BLEED AND BALKED LANDING PROCEDURES.....	09 05 86
B-02	REVISED AWI MIX, GEN LOADS EFF, EDITORIAL ERRORS.....	12 29 86
B-03	REVISED SAS CLUTCH SWITCH NOMENCLATURE	12 30 86
B-04	REVISED ICE INGESTION & COMPLIANCE WITH AD 86-25-04	03 13 87
B-05	REVISED AWI MIX, GEN LOAD EFFECTIVITY, EDIT ERRORS.....	05 07 87
B-06	ACCOMMODATED SB227-61-006.....	03 03 89
B-07	INCREASE PROPELLER OVERSPEED AND UNFEATHER PUMP CHECK TO 200 HOURS.....	08 07 90
B-08	ADDED NEW BRAKE MANUFACTURER AND PN, REVISED EMERGENCY PROCEDURES, CHANGED TAKEOFF POWER CHECK CHARTS.....	12 06 91
B-09	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI.....	03 29 94
B-10	REVISED SECTIONS 0, 1, 2, 3, 3A, AND 4	10 17 94
B-11	REVISED SECTIONS 0 AND 2.....	03 28 96
B-12	REVISED SECTIONS 0, 1 AND 2.....	05 13 97
B-13	REVISED SECTIONS 0, 1, 2, AND 3A	11 18 97
B-14	REVISED SECTIONS 0, 1, 2, 3, AND 3A	05 19 99
B-15	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 2 AND 3	04 28 00
B-16	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
B-17	ADDED FUEL BALANCING TO SECTIONS 1 AND 3A.....	12 07 07
B-18	REVISED SECTION 3	05 28 08
B-19	REVISED SECTIONS 0 AND 3.....	12 09 14
B-20	REVISED SECTION III ANNUNCIATOR PANEL LIGHT REFERENCES AND ADDED L/R LOW OIL PRESSURE WARNING LIGHT ON PROCEDURE.....	07 27 20

METRO III SA227-AC FLIGHT MANUAL 14,500 LB SECTION 5

DATED 04 02 86

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
B-01	ASTERISK REMOVED AND REVISED FIGURE REFERENCE	09 05 86
B-02	ADDED SAS TORQUE MOTOR SERVO TO EQUIP LIST.....	12 30 86
B-03	CORRECT EDITORIAL ERRORS ADD CONFIGURATION INFO	05 07 87
B-04	REVISED CONFIGURATION TITLES	02 01 88
B-05	ADDED INFORMATION FOR ALLOWABLE WEIGHT PLACARDS, MODIFIED WEIGHT AND BALANCE DATA, CORRECTED EDITORIAL ERRORS.....	12 06 91
B-06	REVISED DATA	10 17 94
B-07	REVISED DATA	05 19 99

METRO III SA227-AC FLIGHT MANUAL 14,500 LB SECTION 6

DATED 04 02 86

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
B-01	CORRECT TYPOGRAPHICAL ERRORS.....	09 05 86
B-02	CORRECT TYPOGRAPHICAL ERRORS & ENGINE FLAMEOUTS	03 13 87
B-03	REVISED COOLING SYSTEM.....	05 07 87
B-04	NOSE GR. FIG., PROP. DESCRIP., LOW OIL PRESS. ANNUN.....	02 01 88
B-05	ACCOMMODATED SB227-61-006.....	03 03 89
B-06	REVISED DATA	10 17 94
B-07	REVISED DATA	03 28 96
B-08	REVISED DATA	05 19 99
B-09	ADDED ALTERNATE RUDDER GUST LOCK.....	11 06 03



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METRO III SA227-AC FLIGHT MANUAL 14,500 LB SUPPLEMENTS

REV. NO.	DESCRIPTION	DATE
SUP B-01	ICAO ANNEX 8 OPERATIONS.....	04 08 86
REV B-01	BALKED LANDING AND CORRECT EDITORIAL ERRORS.....	09 05 86
REV B-02	ACCOMMODATED SB227-61-006.....	03 03 89
SUP B-02	SUPERSEDED BY AFM DATED	07 29 87
SUP B-03	TAKEOFF WITH SRL OFF/INOPERATIVE.....	07 30 86
REV B-01	ENGINE START AND BEFORE TAXI PROCEDURES.....	07 02 87
REV B-02	ACCOMMODATED SB227-61-006.....	03 03 89
SUP B-04	FLIGHT DATA RECORDER.....	08 03 88
SUP B-05	COCKPIT VOICE RECORDER	08 03 88
REV B-01	ADDED CVR MODEL A100A & OPT UNDERWATER LOCATOR BEACON.....	12 07 88
SUP B-06	FERRY WITH FLAPS INOPERATIVE.....	03 18 92
SUP B-07	FERRY WITH LANDING GEAR EXTENDED	11 20 96
UN	IMPROVED NWS (IF INSTALLED PER SB 227-32-030)	11 02 90
REV 01	REVISED LIMITATIONS, NORMAL, EMERGENCY AND ABNORMAL PROCEDURES, AND MANUFACTURERS DATA.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034)	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 8 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040)	03 28 96
UN	TILLER NWS (IF INSTALLED PER SB 227-32-030)	11 02 90
REV 01	REVISED LIMITATIONS, NORMAL, EMERGENCY AND ABNORMAL PROCEDURES, AND MANUFACTURERS DATA.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034)	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 8 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040)	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001)	01 03 92
UN	FLIGHT DATA RECORDER (IF INSTALLED IAW FAIRCHILD DRAWING 32-82034)	03 11 92
REV 01	PROVISIONS FOR INSTALLATION OF F1000 FDR WITH KIT DRAWING 27K82090	08 31 98
REV 02	CHANGED EFFECTIVITY ON KIT DRAWING 27K82090 TO INCLUDE SA227-BC AIRPLANES	08 04 00
UN	VAPOR CYCLE AIR CONDITIONING SYSTEM (IF INSTALLED IN ACCORDANCE WITH FAIRCHILD AIRCRAFT DRAWING NUMBER 27-84300 OR 27K84300).....	07 09 92
REV 01	ADDED MAXIMUM WEIGHTS AND CORRECTED BAGGAGE COMPARTMENT LOADS	11 05 92
REV 02	CHANGED AFT BAGGAGE COMPARTMENT LOAD	06 14 93
REV 03	CORRECTED CIRCUIT BREAKER INFO, EDITORIAL ERROR AND ADDED EQUIPMENT LIST TO SECTION 5	03 29 94
REV 04	ADDED PLACARD.....	04 27 94
UN	ENTRANCE LIGHTS (WHEN MODIFIED PER SB 227-33-007)	07 27 92
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER -81 INSTALLATION OF FAIRCHILD DRAWING 27-14005).....	09 24 92
UN	DUAL BLEED AIR FLOW CONTROL	02 12 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-23).....	03 18 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-1/-19).....	03 22 93
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105).....	(R) 05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94
UN	FIVE-COMPARTMENT CARGO CONFIGURATION (27-14132-25) (FOR AIR- PLANES WITHOUT SEAT TRACKS BUT WITH ADDITIONAL PAN FITTINGS)	04 18 94
UN	FIVE CARGO NETS	04 21 95
UN	IMPROVED VAPOR CYCLE AIR CONDITIONING SYSTEM	05 04 95
REV 01	CHANGED NOTE ON PAGE 4.....	06 28 95



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REV. NO.	DESCRIPTION	DATE
REV 02	ADDED PLACARD WHEN ALTITUDE SWITCH IS REMOVED AND CHANGED INFORMATION ABOUT ALTITUDE SWITCH.....	07 15 96
UN	FAR 121 OPERATIONS.....	03 12 97
UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795).....	11 26 99
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0	08 30 00
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063)	12 22 99
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB 227-34-011	(R) 08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

METRO III SA227-AC FLIGHT MANUAL 14,500 LB McCAULEY (7MC)

REISSUE A DATED 05 22 89

[PNs: PAPER 27-10054-071 / ELECTRONIC 27-10054-220; INCLUDES ALL 227 DOMESTIC AFM'S]

REV. NO.	DESCRIPTION	DATE
A-01	ADD B.F. GOODRICH TIRES AND EDITORIAL CORRECTIONS	08 08 89
A-02	ADDED NEW BRAKE MANUFACTURER NAME, CHANGED NOTE ON MAXIMUM LOADS, REVISED EMERGENCY PROCEDURES, ADDED FUEL VENTING	08 02 91
A-03	ADDED NEW PN FOR (ABS) BRAKES AND NOTE CONCERNING THE BRAKES, AND NOTES ON COOLING ENGINES	12 06 91
A-04	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI	03 29 94
A-05	REVISED SECTIONS 0 AND 2.....	03 28 96
A-06	REVISED SECTIONS 0, 1 AND 2.....	05 13 97
A-07	REVISED SECTIONS 0, 1, 2, AND 3A	11 18 97
A-08	REVISED SECTIONS 0, 1, 2, 3, AND 3A	05 19 99
A-09	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 2 AND 3	04 28 00
A-10	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
A-11	ADDED FUEL BALANCING TO SECTIONS 1 AND 3A.....	12 07 07
A-12	REVISED SECTION 3	05 28 08
A-13	REVISED SECTIONS 0 AND 3.....	12 09 14
A-14	REVISED SECTION 3	08 17 15
A-15	REVISED SECTION III ANNUNCIATOR PANEL LIGHT REFERENCES AND ADDED L/R LOW OIL PRESSURE WARNING LIGHT ON PROCEDURE.....	07 27 20

METRO III SA227-AC FLIGHT MANUAL 14,500 LB McCAULEY SECTION 5

DATED 05 22 89

REV. NO.	DESCRIPTION	DATE
A-01	EDITORIAL CORRECTIONS.....	08 08 89
A-02	ADDED INFORMATION ON ALLOWABLE WEIGHT PLACARDS, CARGO NET PN AND INFO ON ANCRA SINGLE STUD FITTINGS, MODIFIED WEIGHT & BALANCE DATA.....	08 02 89
A-03	CHANGED WEIGHT AND MOMENT ENVELOPE, ADDED NEW PN FOR (ABS) BRAKES	12 06 91
A-04	REVISED DATA	05 19 99

METRO III SA227-AC FLIGHT MANUAL 14,500 LB McCAULEY SECTION 6

DATED 05 22 89

REV. NO.	DESCRIPTION	DATE
A-01	REVISED DATA	03 28 96
A-02	REVISED DATA	05 19 99
A-03	ADDED ALTERNATE RUDDER GUST LOCK.....	11 06 03



Ontic Engineering and Manufacturing, Inc

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METRO III SA227-AC FLIGHT MANUAL 14,500 LB McCAULEY, SUPPLEMENTS

REV. NO.	DESCRIPTION	DATE
SUP A-01	TAKEOFF WITH SRL OFF/INOPERATIVE.....	05 22 89
SUP A-02	ICAO ANNEX 8 OPERATIONS.....	05 22 89
SUP A-03	FLIGHT DATA RECORDER.....	05 22 89
SUP A-04	COCKPIT VOICE RECORDER.....	05 22 89
SUP A-05	FERRY WITH FLAPS INOPERATIVE.....	04 22 92
SUP A-06	FERRY WITH LANDING GEAR EXTENDED.....	10 01 96
UN	IMPROVED NWS (IF INSTALLED PER SB 227-32-030).....	11 02 90
REV 01	REVISED LIMITATIONS, NORMAL, EMERGENCY AND ABNORMAL PROCEDURES, AND MANUFACTURERS DATA.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034).....	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 8 AND ADDED TWO PAGES.....	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040).....	03 28 96
UN	TILLER NWS (IF INSTALLED PER SB 227-32-030).....	11 02 90
REV 01	REVISED LIMITATIONS, NORMAL, EMERGENCY AND ABNORMAL PROCEDURES, AND MANUFACTURERS DATA.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034).....	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 8 AND ADDED TWO PAGES.....	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040).....	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001).....	01 03 92
UN	FLIGHT DATA RECORDER (IF INSTALLED IAW FAIRCHILD DRAWING 32-82034).....	03 11 92
REV 01	PROVISIONS FOR INSTALLATION OF F1000 FDR WITH KIT DRAWING 27K82090.....	08 31 98
REV 02	CHANGED EFFECTIVITY ON KIT DRAWING 27K82090 TO INCLUDE SA227-BC AIRPLANES.....	08 04 00
UN	VAPOR CYCLE AIR CONDITIONING SYSTEM (IF INSTALLED IN ACCORDANCE WITH FAIRCHILD AIRCRAFT DRAWING NUMBER 27-84300 OR 27K84300).....	07 09 92
REV 01	ADDED MAXIMUM WEIGHTS AND CORRECTED BAGGAGE COMPARTMENT LOADS.....	11 05 92
REV 02	CHANGED AFT BAGGAGE COMPARTMENT LOAD.....	06 14 93
REV 03	CORRECTED CIRCUIT BREAKER INFO, EDITORIAL ERROR AND ADDED EQUIPMENT LIST TO SECTION 5.....	03 29 94
REV 04	ADDED PLACARD.....	04 27 94
UN	ENTRANCE LIGHTS (WHEN MODIFIED PER SB 227-33-007).....	07 27 92
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER -81 INSTALLATION OF FAIRCHILD DRAWING 27-14005).....	09 24 92
UN	DUAL BLEED AIR FLOW CONTROL.....	02 12 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-23).....	03 18 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-1/-19).....	03 22 93
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)..... (R)	05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94
UN	FIVE-COMPARTMENT CARGO CONFIGURATION (27-14132-25) (FOR AIR- PLANES WITHOUT SEAT TRACKS BUT WITH ADDITIONAL PAN FITTINGS).....	04 18 94
UN	FIVE CARGO NETS.....	04 21 95
UN	IMPROVED VAPOR CYCLE AIR CONDITIONING SYSTEM.....	05 04 95
REV 01	CHANGED NOTE ON PAGE 4.....	06 28 95
REV 02	ADDED PLACARD WHEN ALTITUDE SWITCH IS REMOVED AND CHANGED INFORMATION ABOUT ALTITUDE SWITCH.....	07 15 96
UN	FAR 121 OPERATIONS.....	03 12 97
UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795).....	11 26 99



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REV. NO.	DESCRIPTION	DATE
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0	08 30 00
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063)	12 22 99
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB 227-34-011	(R) 08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

METRO III SA227-AC FLIGHT MANUAL 16,000 LB (6AC)

REISSUE A DATED 05 22 89

[PNs: PAPER 27-10054-069 / ELECTRONIC 27-10054-220; INCLUDES ALL 227 DOMESTIC AFM'S]

REV. NO.	DESCRIPTION	DATE
A-01	ADD B.F. GOODRICH TIRES AND EDITORIAL CORRECTIONS	08 08 89
A-02	ADD B.F. REDUCED POWER TAKEOFF OPERATIONS	04 26 90
A-03	CHANGE NOTE ON MAX LOADS FOR BAGGAGE COMPARTMENTS	08 20 90
A-04	ADDED APPROVED BRAKES, NOTES ON COOLING ENGINES, REVISED EMERGENCY PROCEDURES	12 06 91
A-05	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI	03 29 94
A-06	CHANGED INFO ABOUT McCAULEY PROPELLERS, AND GENERATOR LOAD FOR IN FLIGHT OPERATIONS	08 12 94
A-07	REVISED SECTIONS 0 AND 2	03 28 96
A-08	REVISED SECTIONS 0, 1 AND 2	05 13 97
A-09	REVISED SECTIONS 0, 1, 2, 3A, 4C, AND 4D	11 18 97
A-10	REVISED SECTIONS 0, 1, 2, 3, AND 3A	05 11 99
A-11	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 2 AND 3	04 28 00
A-12	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
A-13	ADDED FUEL BALANCING TO SECTIONS 1 AND 3A	12 07 07
A-14	REVISED SECTION 3	05 28 08
A-15	REVISED SECTION 3	09 24 14
A-16	REVISED SECTIONS 0 AND 3	11 14 14
A-17	REVISED SECTION III ANNUNCIATOR PANEL LIGHT REFERENCES AND ADDED L/R LOW OIL PRESSURE WARNING LIGHT ON PROCEDURE	07 27 20

METRO III SA227-AC FLIGHT MANUAL 16,000 LB SECTION 5

DATED 05 22 89

REV. NO.	DESCRIPTION	DATE
A-01	EDITORIAL CORRECTIONS	08 08 89
A-02	ADD 19 SEATS, REMOVE MOVEMENT TABLES & W/B DATA, CHANGE BAGGAGE MAX LOAD	08 20 90
A-03	MODIFIED WEIGHT AND BALANCE DATA, ADDED CARGO NET PN AND INFO ON ANCRA SINGLE STUD FITTINGS, CHANGED WEIGHT AND MOMENT ENVELOPE	12 06 91
A-04	REVISED DATA	05 11 99

METRO III SA227-AC FLIGHT MANUAL 16,000 LB SECTION 6

DATED 05 22 89

REV. NO.	DESCRIPTION	DATE
A-01	REVISED SECTION 6	03 28 96
A-02	REVISED DATA	12 12 97
A-03	REVISED DATA	05 11 99
A-04	ADDED ALTERNATE RUDDER GUST LOCK	11 06 03



Ontic Engineering and Manufacturing, Inc

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METRO III SA227-AC FLIGHT MANUAL 16,000 LB SUPPLEMENTS

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
SUP A-01	TAKEOFF WITH SRL OFF/INOPERATIVE.....	05 22 89
SUP A-02	FLIGHT DATA RECORDER.....	05 22 89
SUP A-03	COCKPIT VOICE RECORDER.....	05 22 89
SUP A-04	C-26A CONFIGURATION (C-26A AIRCRAFT ONLY).....	05 22 89
REV A-01	INCREASED ZERO FUEL WEIGHT; CLARIFICATION OF MED-EVAC STATUS.....	10 18 89
REV A-02	ADD MFG DATA FOR CONTAMINATED RUNWAY.....	03 02 90
REV A-03	COMPLETE REISSUE OF SUP A-4.....	09 20 90
REV A-04	COMPLETE REISSUE OF SUP A-4.....	02 11 92
REV A-05	ADDED CARGO NET PART NUMBER.....	07 28 92
SUP A-05	(RESERVED)	
SUP A-06	200 AMPERE ELECTRICAL SYSTEM.....	08 15 91
SUP A-07	21-INCH DOWTY ROTOL PROPELLER BOOTS.....	08 15 91
SUP A-08	FERRY WITH FLAPS INOPERATIVE.....	04 22 92
SUP A-09	INCREASED ZERO FUEL AND LANDINGS WEIGHTS.....	11 06 92
SUP A-10	FERRY WITH LANDING GEAR EXTENDED.....	10 01 96
UN	IMPROVED NWS (IF INSTALLED PER SB 227-32-030).....	11 02 90
REV 01	REVISED LIMITATIONS, NORMAL, EMERGENCY AND ABNORMAL PROCEDURES, AND MANUFACTURERS DATA.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034).....	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 8 AND ADDED TWO PAGES.....	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040).....	03 28 96
UN	TILLER NWS (IF INSTALLED PER SB 227-32-030).....	11 02 90
REV 01	REVISED LIMITATIONS, NORMAL, EMERGENCY AND ABNORMAL PROCEDURES, AND MANUFACTURERS DATA.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034).....	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 8 AND ADDED TWO PAGES.....	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040).....	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001).....	01 03 92
UN	FLIGHT DATA RECORDER (IF INSTALLED IAW FAIRCHILD DRAWING 32-82034).....	03 11 92
REV 01	PROVISIONS FOR INSTALLATION OF F1000 FDR WITH KIT DRAWING 27K82090.....	08 31 98
REV 02	CHANGED EFFECTIVITY ON KIT DRAWING 27K82090 TO INCLUDE SA227-BC AIRPLANES.....	08 04 00
UN	VAPOR CYCLE AIR CONDITIONING SYSTEM (IF INSTALLED IN ACCORDANCE WITH FAIRCHILD AIRCRAFT DRAWING NUMBER 27-84300 OR 27K84300).....	07 09 92
REV 01	ADDED MAXIMUM WEIGHTS AND CORRECTED BAGGAGE COMPARTMENT LOADS.....	11 05 92
REV 02	CHANGED AFT BAGGAGE COMPARTMENT LOAD.....	06 14 93
REV 03	CORRECTED CIRCUIT BREAKER INFO, EDITORIAL ERROR AND ADDED EQUIPMENT LIST TO SECTION 5.....	03 29 94
REV 04	ADDED PLACARD.....	04 27 94
UN	ENTRANCE LIGHTS (WHEN MODIFIED PER SB 227-33-007).....	07 27 92
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER -81 INSTALLATION OF FAIRCHILD DRAWING 27-14005).....	09 24 92
UN	DUAL BLEED AIR FLOW CONTROL.....	02 12 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-23).....	03 18 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-1/-19).....	03 22 93
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)..... (R)	05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94
UN	FIVE-COMPARTMENT CARGO CONFIGURATION (27-14132-25) (FOR AIR- PLANES WITHOUT SEAT TRACKS BUT WITH ADDITIONAL PAN FITTINGS).....	04 18 94
UN	FIVE CARGO NETS.....	04 21 95



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REV. NO.	DESCRIPTION	DATE
UN	IMPROVED VAPOR CYCLE AIR CONDITIONING SYSTEM	05 04 95
REV 01	CHANGED NOTE ON PAGE 4	06 28 95
REV 02	ADDED PLACARD WHEN ALTITUDE SWITCH IS REMOVED AND CHANGED INFORMATION ABOUT ALTITUDE SWITCH.....	07 15 96
UN	FAR 121 OPERATIONS	03 12 97
UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795).....	11 26 99
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0	08 30 00
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063)	12 22 99
UN	SIX-COMPARTMENT CARGO CONFIGURATION (27K10002-5 INSTALLATION) (EFFECTIVITY : S/N'S 532B, 538B, 571B - 783B, AND 785B - 789B ONLY)	10 06 00
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB 227-34-011	(R) 08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

MERLIN IVC SA227-AT FLIGHT MANUAL 14,500 LB (7AT)

REISSUE B DATED 11 30 88

[PNs: PAPER 27-10054-061 / ELECTRONIC 27-10054-220; INCLUDES ALL 227 DOMESTIC AFM'S]

REV. NO.	DESCRIPTION	DATE
B-01	ACCOMMODATED SB227-61-006	03 03 89
B-02	ADDED B.F. GOODRICH TIRES, APPROVED BRAKES, REVISED EMERGENCY PROCEDURES, CHANGED NOTES ON COOLING ENGINES	12 06 91
B-03	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI	03 29 94
B-04	REVISED SECTIONS 0 AND 4.....	03 28 96
B-05	REVISED SECTIONS 0, 2 AND 4.....	05 13 97
B-06	REVISED SECTIONS 0, 2, 3A, AND 4	11 18 97
B-07	REVISED SECTIONS 0 AND 3.....	05 11 99
B-08	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 3 AND 4	04 28 00
B-09	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
B-10	ADDED FUEL BALANCING TO SECTIONS 2 AND 3A.....	12 07 07
B-11	REVISED SECTION 3	05 28 08
B-12	REVISED SECTIONS 0 AND 3.....	12 09 14
B-13	REVISED SECTION III ANNUNCIATOR PANEL LIGHT REFERENCES AND ADDED L/R LOW OIL PRESSURE WARNING LIGHT ON PROCEDURE.....	07 27 20

MERLIN IVC SA227-AT FLIGHT MANUAL 14,500 LB SECTION 6

DATED 11 30 88

REV. NO.	DESCRIPTION	DATE
B-01	ADDED PLAN F, REVISED EXPEDITER LOADING, BENDING MOMENTS INFO.....	11 30 88
B-02	MODIFIED WEIGHT AND BALANCE DATA, CHANGED WEIGHT AND MOMENT ENVELOPE, LISTED NEW NAME AND ADDED PART NUMBER FOR BRAKE MANUFACTURER	12 06 91

MERLIN IVC SA227-AT FLIGHT MANUAL 14,500 LB SECTION 7

DATED 11 30 88

REV. NO.	DESCRIPTION	DATE
B-01	ACCOMMODATED SB227-61-006	03 03 89
B-02	CORRECTED EDITORIAL ERROR, CLARIFIED PROCEDURES	12 06 91
B-03	REVISED DATA	03 28 96
B-04	REVISED DATA	05 11 99
B-05	ADDED ALTERNATE RUDDER GUST LOCK	11 06 03

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MERLIN IVC SA227-AT FLIGHT MANUAL 14,500 LB SECTION 8

DATED 11 30 88

REV. NO.	DESCRIPTION	DATE
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MERLIN IVC SA227-AT FLIGHT MANUAL 14,500 LB SUPPLEMENTS

SUP/REV	DESCRIPTION	DATE
SUP B-01	TAKEOFF WITH SRL OFF/INOPERATIVE.....	11 30 88
REV B-01	ACCOMMODATED SB227-61-006.....	03 03 89
SUP B-02	McCAULEY PROPELLERS.....	11 30 88
REV B-01	ACCOMMODATED SB227-61-006.....	03 03 89
SUP B-03	ICAO ANNEX 8 OPERATIONS.....	11 30 88
REV B-01	ACCOMMODATED SB227-61-006.....	03 03 89
SUP B-04	OPERATION IN CANADA.....	11 30 88
REV B-01	REVISED AND DELETED DATA.....	05 07 97
SUP B-05	FLIGHT DATA RECORDER.....	11 30 88
SUP B-06	COCKPIT VOICE RECORDER.....	11 30 88
UN	IMPROVED NWS (IF INSTALLED PER SB 227-32-030).....	12 12 91
REV 01	REVISED LIMITATIONS, EMERGENCY, ABNORMAL AND NORMAL PROCEDURES, AND SYSTEMS DESCRIPTIONS.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034).....	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 5 AND ADDED TWO PAGES.....	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040).....	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001).....	01 03 92
UN	FLIGHT DATA RECORDER (IF INSTALLED IAW FAIRCHILD DRAWING).....	03 11 92
UN	ENTRANCE LIGHTS (WHEN INSTALLED PER SB 227-33-007).....	07 27 92
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER -75 INSTALLATION OF DWG. 24-14005).....	08 05 92
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)..... (R)	05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94
UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795).....	11 26 99
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0.....	08 30 00
UN	FLIGHT DATA RECORDER (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 32-82034 OR 27K82090).....	12 22 99
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063).....	12 22 99
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB 227-34-011..... (R)	08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009.....	03 05 08

MERLIN IVC SA227-AT FLIGHT MANUAL 16,000 LB (6AT)

DATED 05 13 87

[PNs: PAPER 27-10054-059 / ELECTRONIC 27-10054-220: INCLUDES ALL 227 DOMESTIC AFM'S]

REV. NO.	DESCRIPTION	DATE
01	ACCOMMODATED SB227-61-006.....	03 03 89
02	ADDED REDUCED POWER TAKEOFF OPERATIONS AND INCLUDED JP-8 IN FUEL SECTIONS, ADDED APPROVED BRAKES, REVISED EMERGENCY PROCEDURES.....	12 06 91
03	REVISED NORMAL, EMERGENCY, AND ABNORMAL PROCEDURES SECTIONS CORRECTED EDITORIAL ERRORS.....	01 26 93
04	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI.....	03 29 94
05	REVISED SECTIONS 0 AND 4.....	03 28 96
06	REVISED SECTIONS 0, 2 AND 4.....	05 13 97

TECHNICAL PUBLICATIONS INDEX

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
07	REVISED SECTIONS 0, 2, 3A, AND 4	11 18 97
08	REVISED SECTIONS 0 AND 3.....	05 11 99
09	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 3 AND 4	04 28 00
10	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
11	ADDED FUEL BALANCING TO SECTIONS 2 AND 3A.....	12 07 07
12	REVISED SECTION 3	05 28 08
13	REVISED SECTIONS 0 AND 3.....	11 14 14
14	REVISED SECTION III ANNUNCIATOR PANEL LIGHT REFERENCES AND ADDED L/R LOW OIL PRESSURE WARNING LIGHT ON PROCEDURE.....	07 27 20

MERLIN IVC SA227-AT FLIGHT MANUAL 16,000 LB SECTION 6

DATED 05 13 87

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	MODIFIED WEIGHT AND BALANCE DATA, EXPANDED EXPEDITER CARGO CONFIGURATION SECTION, CHANGED WEIGHT AND MOMENT BALANCE.....	12 06 91
02	MODIFIED WEIGHT AND BALANCE IN FIGURES 6-1, 6-2 AND 6-32. CORRECTED EDITORIAL ERRORS	01 26 93

MERLIN IVC SA227-AT FLIGHT MANUAL 16,000 LB SECTION 7

DATED 05 13 87

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	NOSE GR. FIG., PROP. DESCRIP., LOW OIL PRESS. ANNUN.....	02 01 88
02	ACCOMMODATED SB 227-61-006.....	03 03 89
03	CORRECTED EDITORIAL ERRORS	01 26 93
04	REVISED DATA	03 28 96
05	REVISED DATA	05 11 99
06	ADDED ALTERNATE RUDDER GUST LOCK.....	11 06 03
07	CORRECTED REVISION DATE FOR PAGE 7-21	11 03 14

MERLIN IVC SA227-AT FLIGHT MANUAL 16,000 LB SECTION 8

DATED 05 13 87

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	CORRECTED EDITORIAL ERRORS	01 26 93

MERLIN IVC SA227-AT FLIGHT MANUAL 16,000 LB SUPPLEMENTS

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
SUP 01	TAKEOFF WITH SRL OFF/INOPERATIVE.....	05 13 87
REV 01	ACCOMMODATED SB227-61-006	03 03 89
SUP 02	FLIGHT DATA RECORDER.....	08 03 88
SUP 03	COCKPIT VOICE RECORDER	08 03 88
REV 01	ADDED CVR MODEL A100A & OPT UNDERWATER LOCATOR BEACON.....	12 07 88
UN	IMPROVED NWS (IF INSTALLED PER SB 227-32-030)	12 12 91
REV 01	REVISED LIMITATIONS, EMERGENCY, ABNORMAL AND NORMAL PROCEDURES, AND SYSTEMS DESCRIPTIONS	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034).	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 5 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040)	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001).....	01 03 92
UN	FLIGHT DATA RECORDER (IF INSTALLED IAW FAIRCHILD DRAWING 32-82034)	03 11 92
UN	ENTRANCE LIGHTS (WHEN MODIFIED PER SB 227-33-007).....	07 27 92
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER -75 INSTALLATION OF DWG. 27-14005).....	08 05 92
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105).....	(R) 05 07 96



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REV. NO.	DESCRIPTION	DATE
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94
UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795).....	11 26 99
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0	08 30 00
UN	FLIGHT DATA RECORDER (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 32-82034 OR 27K82090).....	12 22 99
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063)	12 22 99
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB 227-34-011.....	(R) 08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

MERLIN IIIC SA227-TT FLIGHT MANUAL

REISSUE A DATED 08 07 81

[PNS: PAPER 27-10054-053 / ELECTRONIC 27-10054-220; INCLUDES ALL 227 DOMESTIC AFM'S]

REV. NO.	DESCRIPTION	DATE
01	FLIGHT IN ICING CONDITIONS	12 18 81
02	ANTI-SKID (IF INSTALLED) PROCEDURE	01 11 81
03	NOSE WHEEL STEERING.....	01 14 82
04	PROP DEICE LOADMETER.....	01 21 82
05	LANDING GEAR EMERG EXT & GEAR UP LANDINGS	01 28 82
06	PROP LEADING EDGE TAPE	03 05 82
07	ADD OF SECTION 5 LIST OF EFF PGS & PERFOR DATA	05 05 82
08	AIRSPEED INDICATOR	05 05 82
09	CONTINUED AIRWORTHINESS REQUIREMENTS	07 27 82
10	21 INCH PROPELLER DEICE BOOTS	08 09 82
11	USE OF PROP TAPE W/21" PROP DEICE BOOTS	10 05 82
12	INCREASE MAX FWD BAG CMPT LOAD TO 600 LBS.....	03 02 83
13	ADD ENGINE -513G.....	06 10 83
14	ADDED NOTES TO LANDING GEAR EMERGENCY EXTENSION	09 13 84
15	-17 PLACARD FOR LANDING GEAR EMERGENCY EXTENSION	10 15 84
16	BLEED AIR, ICE PROTECTION, AND OXYGEN EQUIPMENT.....	10 10 85
17	CORRECTION TO INSTRUMENT MARKINGS	12 17 85
18	REVISED AWI FLUID MIX	12 29 86
19	ACCOMMODATED SB227-61-006.....	03 03 89
20	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI.....	03 29 94
21	REVISED SECTIONS i AND 4.....	03 28 96
22	REVISED SECTIONS i, 2 AND 4.....	05 13 97
23	REVISED SECTIONS i, 2, 3A, AND 4	11 18 97
24	REVISED SECTIONS i and 3	05 11 99
25	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 3 AND 4	04 28 00
26	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
27	ADDED FUEL BALANCING TO SECTIONS 2 AND 3A.....	12 07 07
28	REVISED SECTION 3	05 28 08
29	REVISED SECTIONS 0 AND 3.....	12 09 14
30	REVISED SECTION III ANNUNCIATOR PANEL LIGHT REFERENCES AND ADDED L/R LOW OIL PRESSURE WARNING LIGHT ON PROCEDURE.....	07 27 20

MERLIN IIIC SA227-TT FLIGHT MANUAL SECTION 6

DATED 08 07 81

REV. NO.	DESCRIPTION	DATE
01	MAX CAPACITY NOSE COMP AND AWI MOMENT TABLE	03 02 83
02	ADDITION OF LIST OF REVISIONS PAGES.....	11 15 83
03	ADDS PLNS C&D ARR, W/B FORM, PAYLOAD MOMENT TABLES	06 27 84
04	REVISED EQUIPMENT LIST	10 10 85



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MERLIN IIIC SA227-TT FLIGHT MANUAL SECTION 7

DATED 03 02 82

REV. NO.	DESCRIPTION	DATE
01	ADDITION OF LIST OF REVISIONS PAGES.....	11 15 83
02	POWER LEVER MANG DURING START, NOISE CONTROL.....	11 30 84
03	PROP DEICE BOOTS AND BETA LIGHT AMPLIFICATION	10 10 85
04	GUST LOCK BELT.....	01 01 86
05	ACCOMMODATED SB227-61-006.....	03 03 89
06	REVISED DATA	03 28 96
07	REVISED DATA	05 11 99
08	ADDED ALTERNATE RUDDER GUST LOCK.....	11 06 03

MERLIN IIIC SA227-TT FLIGHT MANUAL SECTION 8

DATED 08 07 81

REV. NO.	DESCRIPTION	DATE
01	CHANGE TO REFUELING PROCEDURE AND OIL CHECK.....	06 03 83
02	ADDITION OF LIST OF REVISIONS PAGES.....	11 15 83
03	ADDITION OF CAUTION TO TOWING PROCEDURE	02 03 84
04	OIL LEVEL CHECK.....	11 30 84

MERLIN IIIC SA227-TT FLIGHT MANUAL SUPPLEMENTS

SUP/REV	DESCRIPTION	DATE
SUP 01	13,230 POUND TAKEOFF WEIGHT.....	08 07 81
REV 01	WEIGHT CORRECTION & PERFORMANCE (REV 1 TO SUP 1)	05 05 82
REV 02	EXPANDED PERFORMANCE CHARTS (REV 2 TO SUP 1).....	10 05 82
REV 03	DELETED ANTI-SKID EFFECTS FROM EXAMPLE FOR FIGURES 11 & 12	09 29 93
SUP 02	BENDIX FCS-8700B AUTO FLIGHT CONTROL SYSTEM	10 29 81
REV 01	CORRECTED WORDING (REV 1 TO SUP 2).....	11 30 81
SUP 03	BENDIX FCS-8700B YAW DAMPER SYSTEM.....	10 29 81
UN	IMPROVED NWS (IF INSTALLED PER SB 32-030)	12 12 91
REV 01	REVISED LIMITATIONS, EMERGENCY, ABNORMAL AND NORMAL PROCEDURES, AND SYSTEMS DESCRIPTIONS	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034).	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 5 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040)	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001).....	01 03 92
UN	AUTO/CONT IGNITION SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82087)	02 24 00
REV 01	REVISED PAGES 2 AND 8.....	12 12 02
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

FAIRCHILD 300 SA227-TT FLIGHT MANUAL 13,230 LB (300)

DATED 10 04 84

[PNs: PAPER 27-10054-051 / ELECTRONIC 27-10054-220; INCLUDES ALL 227 DOMESTIC AFM'S]

REV. NO.	DESCRIPTION	DATE
01	BLEED AIR, ENGINE FIRE, TIRE LIMITATIONS	09 06 85
02	ICE PROTECTION AND OXYGEN EQUIPMENT	10 10 85
03	REVISED AWI MIX AND ADDED GOODYEAR AEROSPACE TIRES	12 29 86
04	EQUIVALENT METHOD OF COMPLIANCE W/ AD 86-25-04.....	06 24 88
05	ACCOMMODATED SB227-61-006.....	03 03 89
06	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI	03 29 94
07	REVISED SECTIONS 0 AND 4.....	03 28 96
08	REVISED SECTIONS 0, 2, AND 4.....	05 13 97

TECHNICAL PUBLICATIONS INDEX

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
09	REVISED SECTIONS 0, 2, 3A, AND 4	11 18 97
10	REVISED SECTIONS 0 AND 3.....	05 11 99
11	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 3 AND 4	04 28 00
12	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
13	ADDED FUEL BALANCING TO SECTIONS 2 AND 3A.....	12 07 07
14	REVISED SECTION 3	05 28 08
15	REVISED SECTIONS 0 AND 3.....	12 09 14
16	REVISED SECTION III ANNUNCIATOR PANEL LIGHT REFERENCES AND ADDED L/R LOW OIL PRESSURE WARNING LIGHT ON PROCEDURE.....	07 27 20

FAIRCHILD 300 SA227-TT FLIGHT MANUAL 13,230 LB SECTION 6

DATED 10 04 84

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	CORRECT APPROVAL INFORMATION BOTTOM PAGES	06 24 88

FAIRCHILD 300 SA227-TT FLIGHT MANUAL 13,230 LB SECTION 7

DATED 10 04 84

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	PROP DEICE AND BETA LIGHT CHARACTERISTICS	10 10 85
02	GUST LOCK BELT.....	01 01 86
03	OPERATING TIP REGARDING ENGINE FLAMEOUTS	06 24 88
04	ACCOMMODATED SB227-61-006.....	03 03 89
05	REVISED DATA	03 28 96
06	REVISED DATA	05 11 99
07	ADDED ALTERNATE RUDDER GUST LOCK.....	11 06 03

FAIRCHILD 300 SA227-TT FLIGHT MANUAL 13,230 LB SECTION 8

DATED 10 04 84

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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FAIRCHILD 300 SA227-TT FLIGHT MANUAL 13,230 LB SUPPLEMENTS

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
UN	IMPROVED NWS (IF INSTALLED PER SB 227-32-030)	12 12 91
REV 01	REVISED LIMITATIONS, EMERGENCY, ABNORMAL AND NORMAL PROCEDURES, AND SYSTEMS DESCRIPTIONS	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034)	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 5 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040)	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001)	01 03 92
UN	AUTO/CONT IGNITION SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82087)	02 24 00
REV 01	REVISED PAGES 2 AND 8.....	12 12 02

FAIRCHILD 300 SA227-TT FLIGHT MANUAL 13,230 LB SUPPLEMENTS

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08



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FAIRCHILD 300 SA227-TT FLIGHT MANUAL 12,500 LB (312)

DATED 10 31 85

[PNs: PAPER 27-10054-049 / ELECTRONIC 27-10054-220; INCLUDES ALL 227 DOMESTIC AFM'S]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	REVISED AWI MIX AND ADDED GOODYEAR AEROSPACE TIRES	12 29 86
02	EQUIVALENT METHOD OF COMPLIANCE W/ AD 86-25-04	06 24 88
03	ACCOMMODATED SB227-61-006	03 03 89
04	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI	03 29 94
05	REVISED SECTIONS 0 AND 4	03 28 96
06	REVISED SECTIONS 0, 2 AND 4	05 13 97
07	REVISED SECTIONS 0, 2, 3A, AND 4	11 18 97
08	REVISED SECTIONS 0 AND 3	05 11 99
09	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 3 AND 4	04 28 00
10	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
11	ADDED FUEL BALANCING TO SECTIONS 2 AND 3A	12 07 07
12	REVISED SECTION 3	05 28 08
13	REVISED SECTIONS 0 AND 3	12 09 14
14	REVISED SECTION III ANNUNCIATOR PANEL LIGHT REFERENCES AND ADDED L/R LOW OIL PRESSURE WARNING LIGHT ON PROCEDURE	07 27 20

FAIRCHILD 300 SA227-TT FLIGHT MANUAL 12,500 LB SECTION 6

DATED 10 31 85

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	ADDITION OF PLAN E CONFIGURATION	11 22 85

FAIRCHILD 300 SA227-TT FLIGHT MANUAL 12,500 LB SECTION 7

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	OPERATING TIP REGARDING ENGINE FLAMEOUTS	06 24 88
02	ACCOMMODATED SB227-61-006	03 03 89
03	REVISED DATA	03 28 96
04	REVISED DATA	05 11 99
05	ADDED ALTERNATE RUDDER GUST LOCK	11 06 03

FAIRCHILD 300 SA227-TT FLIGHT MANUAL 12,500 LB SECTION 8

DATED 10 31 85

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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FAIRCHILD 300 SA227-TT FLIGHT MANUAL 12,500 LB SUPPLEMENTS

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
UN	IMPROVED NWS (IF INSTALLED PER SB 227-32-030)	12 12 91
REV 01	REVISED LIMITATIONS, EMERGENCY, ABNORMAL AND NORMAL PROCEDURES, AND SYSTEMS DESCRIPTIONS	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034)	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 5 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040)	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001)	01 03 92
UN	AUTO/CONT IGNITION SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82087)	02 24 00
REV 01	REVISED PAGES 2 AND 8	12 12 02
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08



Ontic Engineering and Manufacturing, Inc

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METRO III SA227-AC FLIGHT MANUAL (ICAO) 14,500 LB (4AC) **REISSUE B DATED 11 07 90**
[PNs: PAPER 27-10054-067 / ELECTRONIC 27-10054-222; INCLUDES ALL 227 ICAO AFM'S]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
B-01	ADDED NEW PN AND NEW NAME OF BRAKE MANUFACTURER, CHANGED NOTE ON MAXIMUM LOADS, REVISED EMERGENCY PROCEDURES.....	12 06 91
B-02	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI	03 29 94
B-03	REVISED SECTIONS 0 AND 2.....	03 28 96
B-04	REVISED SECTIONS 0, 1 AND 2.....	05 13 97
B-05	REVISED SECTIONS 0, 1, 2, 3A, AND 4E.....	11 18 97
B-06	REVISED SECTIONS 0, 1, 2, 3, AND 3A.....	05 19 99
B-07	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 2 AND 3	04 28 00
B-08	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
B-09	ADDED FUEL BALANCING TO SECTIONS 1 AND 3A.....	12 07 07
B-10	REVISED SECTION 3	05 28 08
B-11	REVISED SECTIONS 0 AND 3.....	11 14 14

METRO III SA227-AC FLIGHT MANUAL (ICAO) 14,500 LB SECTION 5 **DATED 11 07 90**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
B-01	MODIFIED WEIGHT AND BALANCE DATA, CHANGED WEIGHT AND MOMENT ENVELOPE, LISTED NEW NAME AND ADD PART NUMBER FOR BRAKE MANUFACTURER	12 06 91
B-02	REVISED DATA	05 19 99

METRO III SA227-AC FLIGHT MANUAL (ICAO) 14,500 LB SECTION 6 **DATED 11 07 90**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
B-01	REVISED DATA	03 28 96
B-02	REVISED DATA	05 19 99
B-03	ADDED ALTERNATE RUDDER GUST LOCK.....	11 06 03

METRO III SA227-AC FLIGHT MANUAL (ICAO) 14,500 LB SUPPLEMENTS

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
SUP B-01	TAKEOFF WITH SRL OFF/INOPERATIVE.....	11 07 90
SUP B-02	FLIGHT DATA RECORDER	11 07 90
SUP B-03	COCKPIT VOICE RECORDER	11 07 90
SUP B-04	OPERATION IN CANADA (CANADIAN REGISTRATION ONLY).....	09 20 12
REV B-01	REVISED AND DELETED DATA	05 07 97
UN	IMPROVED NWS (IF INSTALLED PER SB 227-32-030)	11 02 90
REV 01	REVISED LIMITATIONS, NORMAL, EMERGENCY AND ABNORMAL PROCEDURES, AND MANUFACTURERS DATA.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034).....	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 8 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040)	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001).....	01 03 92
UN	FLIGHT DATA RECORDER (IF INSTALLED IAW FAIRCHILD DRAWING 32-82034).....	03 11 92
REV 01	PROVISIONS FOR INSTALLATION OF F1000 FDR WITH KIT DRAWING 27K82090	08 31 98
REV 02	CHANGED EFFECTIVITY ON KIT DRAWING 27K82090 TO INCLUDE SA227-BC AIRPLANES	08 04 00
UN	VAPOR CYCLE AIR CONDITIONING SYSTEM (IF INSTALLED IN ACCORDANCE WITH FAIRCHILD AIRCRAFT DRAWING NUMBER 27-84300 OR 27K84300)	07 09 92
REV 01	ADDED MAXIMUM WEIGHTS AND CORRECTED BAGGAGE COMPARTMENT LOADS	11 05 92
REV 02	CHANGED AFT BAGGAGE COMPARTMENT LOAD	06 14 93
REV 03	CORRECTED CIRCUIT BREAKER INFO, EDITORIAL ERROR AND ADDED EQUIPMENT LIST TO SECTION 5	03 29 94
UN	ENTRANCE LIGHTS (WHEN MODIFIED PER SB 227-33-007).....	07 27 92



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REV. NO.	DESCRIPTION	DATE
UN	SIX COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER -81 INSTALLATION OF FAIRCHILD DRAWING 27-14005).....	09 24 92
UN	DUAL BLEED AIR FLOW CONTROL	02 12 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-23)	03 18 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-1/-19)	03 22 93
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)..... (R)	05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94
UN	FIVE-COMPARTMENT CARGO CONFIGURATION (27-14132-25) (FOR AIR- PLANES WITHOUT SEAT TRACKS BUT WITH ADDITIONAL PAN FITTINGS)	04 18 94
UN	FIVE CARGO NETS	04 21 95
UN	IMPROVED VAPOR CYCLE AIR CONDITIONING SYSTEM	05 04 95
REV 01	CHANGED NOTE ON PAGE 4	06 28 95
REV 02	ADDED PLACARD WHEN ALTITUDE SWITCH IS REMOVED AND CHANGED INFORMATION ABOUT ALTITUDE SWITCH.....	07 15 96
UN	FAR 121 OPERATIONS.....	03 12 97
UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795).....	11 26 99
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0	08 30 00
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063)	12 22 99
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB 227-34-011	(R) 08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

METRO III SA227-AC FLIGHT MANUAL (ICAO) 14,500 LB McCAULEY (4MC) REISSUE A DATED 05 22 89
[PNs: PAPER 27-10054-065 / ELECTRONIC 27-10054-222; INCLUDES ALL 227 ICAO AFM'S]

REV. NO.	DESCRIPTION	DATE
A-01	ADDED B.F. GOODRICH TIRES, NEW PN AND NEW NAME OF BRAKE MANUFACTURER, REVISED EMERGENCY PROCEDURES.....	12 06 91
A-02	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI	03 29 94
A-03	REVISED SECTIONS 0, 1, 2, 3, 3A AND 4	10 17 94
A-04	REVISED SECTIONS 0 AND 2.....	03 28 96
A-05	REVISED SECTIONS 0, 1 AND 2.....	05 13 97
A-06	REVISED SECTIONS 0, 1, 2, AND 3A	11 18 97
A-07	REVISED SECTIONS 0, 1, 2, 3, AND 3A	05 21 99
A-08	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 2 AND 3	04 28 00
A-09	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
A-10	ADDED FUEL BALANCING TO SECTIONS 1 AND 3A.....	12 07 07
A-11	REVISED SECTION 3	05 28 08
A-12	REVISED SECTIONS 0 AND 3.....	11 14 14

METRO III SA227-AC FLIGHT MANUAL (ICAO) 14,500 LB McCAULEY SECTION 5 DATED 05 22 89

REV. NO.	DESCRIPTION	DATE
A-01	MODIFIED WEIGHT ANG BALANCE DATA, ADDED INFORMATION FOR ALLOWABLE WEIGHT PLACARDS, ADDED CARGO NET PN AND INFO ON ANCRA SING STUD FITTINGS, CHANGED WEIGHT AND MOMENT ENVELOPE.....	12 06 91
A-02	REVISED DATA	10 17 94
A-03	REVISED DATA	05 21 99

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METRO III SA227-AC FLIGHT MANUAL (ICAO) 14,500 LB McCAULEY SECTION 6

DATED 05 22 89

REV. NO.	DESCRIPTION	DATE
A-01	REVISED DATA	10 17 94
A-02	REVISED DATA	03 28 96
A-03	REVISED DATA	05 21 99
A-04	ADDED ALTERNATE RUDDER GUST LOCK	11 06 03

METRO III SA227-AC FLIGHT MANUAL (ICAO) 14,500 LB McCAULEY, SUPPLEMENTS

SUP/REV	DESCRIPTION	DATE
SUP A-01	TAKEOFF WITH SRL OFF/INOPERATIVE.....	05 22 89
SUP A-02	OPERATION IN CANADA (CANADIAN REGISTRATION ONLY).....	09 20 12
REV A-01	REVISED AND DELETED DATA	05 07 97
SUP A-03	FLIGHT DATA RECORDER.....	05 22 89
SUP A-04	COCKPIT VOICE RECORDER	05 22 89
UN	IMPROVED NWS (IF INSTALLED PER SB 227-32-030)	11 02 90
REV 01	REVISED LIMITATIONS, NORMAL, EMERGENCY AND ABNORMAL PROCEDURES, AND MANUFACTURERS DATA.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034).....	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 8 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040)	03 28 96
UN	TILLER NWS (IF INSTALLED PER SB 227-32-030)	11 02 90
REV 01	REVISED LIMITATIONS, NORMAL, EMERGENCY AND ABNORMAL PROCEDURES, AND MANUFACTURERS DATA.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034).....	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 5 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040)	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001).....	01 03 92
UN	FLIGHT DATA RECORDER (IF INSTALLED IAW FAIRCHILD DRAWING 32-82034).....	03 11 92
REV 01	PROVISIONS FOR INSTALLATION OF F1000 FDR WITH KIT DRAWING 27K82090	08 31 98
REV 02	CHANGED EFFECTIVITY ON KIT DRAWING 27K82090 TO INCLUDE SA227-BC AIRPLANES	08 04 00
UN	VAPOR CYCLE AIR CONDITIONING SYSTEM (IF INSTALLED IAW FAIRCHILD AIRCRAFT DRAWING NUMBER 27-84300 OR 27K84300).....	07 09 92
REV 01	ADDED MAXIMUM WEIGHTS AND CORRECTED BAGGAGE COMPARTMENT LOADS	11 05 92
REV 02	CARGO AFT BAGGAGE COMPARTMENT LOAD.....	06 14 93
REV 03	CORRECTED CIRCUIT BREAKER INFO, EDITORIAL ERROR AND ADDED EQUIPMENT LIST TO SECTION 5	03 29 94
UN	ENTRANCE LIGHTS (WHEN MODIFIED PER SB 227-33-007).....	07 27 92
UN	SIX COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER -81 INSTALLATION OF FAIRCHILD DRAWING 27-14005).....	09 24 92
UN	DUAL BLEED AIR FLOW CONTROL	02 12 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-23).....	03 18 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-1/-19).....	03 22 93
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)..... (R)	05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94
UN	FIVE-COMPARTMENT CARGO CONFIGURATION (27-14132-25) (FOR AIR- PLANES WITHOUT SEAT TRACKS BUT WITH ADDITIONAL PAN FITTINGS)	04 18 94
UN	FIVE CARGO NETS	04 21 95
UN	IMPROVED VAPOR CYCLE AIR CONDITIONING SYSTEM	05 04 95
REV 01	CHANGED NOTE ON PAGE 4	06 28 95



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<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
REV 02	ADDED PLACARD WHEN ALTITUDE SWITCH IS REMOVED AND CHANGED INFORMATION ABOUT ALTITUDE SWITCH.....	07 15 96
UN	FAR 121 OPERATIONS.....	03 12 97
UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795).....	11 26 99
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0	08 30 00
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063)	12 22 99
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB 227-34-011	(R) 08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

METRO III SA227-AC FLIGHT MANUAL (ICAO) 16,000 LB (8AC)

REISSUE A DATED 05 22 89

[PNs: PAPER 27-10054-063 / ELECTRONIC 27-10054-222; INCLUDES ALL 227 ICAO AFM'S]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
A-01	ADDED APPROVED BRAKES, CHANGED NOTE ON MAX LOADS FOR BAGGAGE COMPARTMENTS, ADDED NOTES ON COOLING ENGINES, REVISED EMERGENCY PROCEDURES, CHANGED SRL COMPUTER FAILURE SECTION, ADDED FUEL VENTING AND EXHAUST EMISSIONS STATEMENT	03 18 92
A-02	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI	03 29 94
A-03	CHANGED INFO ABOUT McCAULEY PROPELLERS, AND GENERATOR LOAD FOR IN FLIGHT OPERATION	08 12 94
A-04	REVISED SECTIONS 0 AND 4.....	03 26 95
A-05	REVISED SECTIONS 0 AND 2.....	03 28 96
A-06	REVISED SECTIONS 0, 1 AND 2.....	05 13 97
A-07	REVISED SECTIONS 0, 1, 2 AND 4.....	04 17 97
A-08	REVISED SECTIONS 0, 1, 2, 3A, AND 4J	11 18 97
A-09	REVISED SECTIONS 0, 1, AND 4J.....	06 05 98
A-10	REVISED SECTIONS 0, 1, 2, 3, AND 3A	05 11 99
A-11	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 2 AND 3	04 28 00
A-12	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
A-13	ADDED FUEL BALANCING TO SECTIONS 1 AND 3A.....	12 07 07
A-14	REVISED SECTION 3	05 28 08
A-15	REVISED SECTIONS 0 AND 3.....	12 09 14
A-16	REVISED SECTION 3A	06 29 15

METRO III SA227-AC FLIGHT MANUAL (ICAO) 16,000 LB SECTION 5

DATED 05 22 89

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
A-01	MODIFIED WEIGHT AND BALANCE DATA, CHANGED MAXIMUM LOAD INFO, ADDED CARGO NET, ANCR SINGLE STUD FITTINGS, CHANGED WEIGHT AND BALANCE MOMENT ENVELOPE, AND LISTED NEW NAME AND PART NUMBER FOR BRAKE MANUFACTURER.....	03 18 92
A-02	REVISED DATA	05 11 99

METRO III SA227-AC FLIGHT MANUAL (ICAO) 16,000 LB SECTION 6

DATED 05 22 89

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
A-01	ADDED TABLES, CHANGED FIGURE NUMBERS, DELETED ITEM FROM LIST OF EFFECTIVE PAGES, AND ADDED PAGES	05 02 95
A-02	REVISED DATA	03 28 96
A-03	REVISED DATA	05 11 99
A-04	ADDED ALTERNATE RUDDER GUST LOCK.....	11 06 03

TECHNICAL PUBLICATIONS INDEX**METRO III SA227-AC FLIGHT MANUAL (ICAO) 16,000 LB SUPPLEMENTS**

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
SUP A-01	TAKEOFF WITH SRL OFF/INOPERATIVE.....	05 22 89
SUP A-02	AC SYSTEM WITH THREE INVERTERS	05 22 89
SUP A-03	FLIGHT DATA RECORDER (FOR AC-670B ONLY)	05 22 89
SUP A-04	COCKPIT VOICE RECORDER (FOR AC-670B ONLY)	05 22 89
SUP A-05	FLIGHT DATA RECORDER (FOR AC-692B ONLY)	05 22 89
SUP A-06	COCKPIT VOICE RECORDER (FOR AC-692B ONLY)	05 22 89
SUP A-07	FLIGHT DATA RECORDER	05 22 89
SUP A-08	COCKPIT VOICE RECORDER	05 22 89
SUP A-09	OPERATION IN CANADA (CANADIAN REGISTRATION ONLY).....	09 20 12
REV A-01	REVISED AND DELETED DATA	05 07 97
SUP A-10	200 AMPERE ELECTRICAL SYSTEM	08 15 91
SUP A-11	21-INCH DOWTY ROTOL PROPELLER BOOTS	07 23 91
SUP A-12	INCREASED ZERO FUEL AND LANDINGS WEIGHTS	11 06 92
SUP A-13	AIRCRAFT BRAKING SYSTEM (ABS) ANTI-SKID/POWER BRAKE SYSTEM (IF INSTALLED IAW FAIRCHILD DRAWING NUMBER 27-85211)	08 12 94
SUP A-14	14,500 POUNDS MTOW AIRCRAFT	11 01 94
REV A-01	REVISED PAGES 2, 3 AND 11 THRU 18	12 19 94
SUP A-15	REDUCED VISCOSITY HYDRAULIC FLUID	12 19 94
SUP A-16	OPERATION WITH DUAL BLEED AIR FLOW CONTROL	07 11 02
UN	IMPROVED NWS (IF INSTALLED PER SB 227-32-030)	11 02 90
REV 01	REVISED LIMITATIONS, NORMAL, EMERGENCY AND ABNORMAL PROCEDURES, AND MANUFACTURERS DATA.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034)	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 8 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW SB 227-32-040)	03 28 96
UN	TILLER NWS (IF INSTALLED PER SB 227-32-030)	11 02 90
REV 01	REVISED LIMITATIONS, NORMAL, EMERGENCY AND ABNORMAL PROCEDURES, AND MANUFACTURERS DATA.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034)	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 8 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW SB 227-32-040)	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001)	01 03 92
UN	FLIGHT DATA RECORDER (IF INSTALLED IAW FAIRCHILD DRAWING 32-82034)	03 11 92
REV 01	PROVISIONS FOR INSTALLATION OF F1000 FDR WITH KIT DRAWING 27K82090	08 31 98
REV 02	CHANGED EFFECTIVITY ON KIT DRAWING 27K82090 TO INCLUDE SA227-BC AIRPLANES	08 04 00
UN	VAPOR CYCLE AIR CONDITIONING SYSTEM (IF INSTALLED IAW FAIRCHILD AIRCRAFT DRAWING NUMBER 27-84300 OR 27K84300).....	07 09 92
REV 01	ADDED MAXIMUM WEIGHTS AND CORRECTED BAGGAGE COMPARTMENT LOADS	11 05 92
REV 02	CHANGED AFT BAGGAGE COMPARTMENT LOAD	06 14 93
REV 03	CORRECTED CIRCUIT BREAKER INFO, EDITORIAL ERROR AND ADDED EQUIPMENT LIST TO SECTION 5	03 29 94
REV 04	ADDED PLACARD.....	04 27 94
UN	ENTRANCE LIGHTS (WHEN MODIFIED PER SB 227-33-007).....	07 27 92
UN	SIX COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER –81 INSTALLATION OF FAIRCHILD DRAWING 27-14005).....	09 24 92
UN	DUAL BLEED AIR FLOW CONTROL	02 12 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-23).....	03 18 93
UN	SIX-COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER FAIRCHILD DWG 27-14132-1/-19).....	03 22 93
UN	5 CHANNEL FLIGHT DATA RECORDER	06 04 93
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)..... (R)	05 07 96



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<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94
UN	FIVE-COMPARTMENT CARGO CONFIGURATION (27-14132-25) (FOR AIRPLANES WITHOUT SEAT TRACKS BUT WITH ADDITIONAL PAN FITTINGS)	04 18 94
UN	FIVE CARGO NETS	04 21 95
UN	IMPROVED VAPOR CYCLE AIR CONDITIONING SYSTEM	05 04 95
REV 01	CHANGED NOTE ON PAGE 4	06 28 95
REV 02	ADDED PLACARD WHEN ALTITUDE SWITCH IS REMOVED AND CHANGED INFORMATION ABOUT ALTITUDE SWITCH.....	07 15 96
UN	FAR 121 OPERATIONS.....	03 12 97
UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795).....	11 26 99
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0	08 30 00
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063)	12 22 99
UN	SIX-COMPARTMENT CARGO CONFIGURATION (27K10002-5 INSTALLATION) (EFFECTIVITY : S/N'S 532B, 538B, 571B - 783B, AND 785B - 789B ONLY)	10 06 00
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB 227-34-011	(R) 08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

MERLIN IVC SA227-AT FLIGHT MANUAL (ICAO) 14,500 LB (4AT)

REISSUE A DATED 11 30 88

[PNs: PAPER 27-10054-057 / ELECTRONIC 27-10054-222; INCLUDES ALL 227 ICAO AFM'S]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
A-01	ACCOMMODATED SB 227-61-006.....	03 03 89
A-02	CHANGED INTERVAL FOR OVERSPEED GOVERNOR CHECK, ADDED B.F. GOODRICH TIRES, APPROVED BRAKES, REVISED EMERGENCY PROCEDURES	12 06 91
A-03	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI.....	03 29 94
A-04	REVISED SECTIONS 0 AND 4.....	03 28 96
A-05	REVISED SECTIONS 0, 2 AND 4.....	05 13 97
A-06	REVISED SECTIONS 0, 2, 3A, AND 4	11 18 97
A-07	REVISED SECTIONS 0 AND 3.....	05 11 99
A-08	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 3 AND 4	04 28 00
A-09	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
A-10	ADDED FUEL BALANCING TO SECTIONS 2 AND 3A.....	12 07 07
A-11	REVISED SECTION 3	05 28 08
A-12	REVISED SECTIONS 0 AND 3.....	11 14 14

MERLIN IVC SA227-AT FLIGHT MANUAL (ICAO) 14,500 LB SECTION 6

DATED 11 30 88

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
A-01	ADDED METRIC EQUIV, PLAN F, REVISED EXPEDITER LOADING	11 30 88
A-02	MODIFIED WEIGHT AND BALANCE DATA, CHANGED WEIGHT AND MOMENT ENVELOPE, LISTED NEW NAME AND ADDED PN FOR BRAKE MANUFACTURER.....	12 06 91

MERLIN IVC SA227-AT FLIGHT MANUAL (ICAO) 14,500 LB SECTION 7

DATED 11 30 88

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
A-01	ACCOMMODATED SB 227-61-006.....	03 03 89
A-02	CORRECTED EDITORIAL ERROR, CLARIFIED PROCEDURES	12 06 91
A-03	REVISED DATA	03 28 96
A-04	REVISED DATA	05 11 99
A-05	ADDED ALTERNATE RUDDER GUST LOCK.....	11 06 03

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MERLIN IVC SA227-AT FLIGHT MANUAL (ICAO) 14,500 LB SECTION 8

DATED 11 30 88

REV. NO.	DESCRIPTION	DATE
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MERLIN IVC SA227-AT FLIGHT MANUAL (ICAO) 14,500 LB SUPPLEMENTS

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
SUP A-01	TAKEOFF WITH SRL OFF/INOPERATIVE.....	11 30 88
REV A-01	ACCOMMODATED SB 227-61-006.....	03 03 89
SUP A-02	McCAULEY PROPELLERS.....	RESERVED
SUP A-03	OPERATION IN CANADA (CANADIAN REGISTRATION ONLY).....	09 20 12
REV A-01	CORRECTED TOOL IDENTIFICATION	03 03 89
REV A-02	REVISED AND DELETED DATA	05 07 97
SUP A-04	FLIGHT DATA RECORDER.....	11 30 88
SUP A-05	COCKPIT VOICE RECORDER	11 30 88
UN	IMPROVED NWS (IF INSTALLED PER SB 227-32-030)	12 12 91
REV 01	REVISED LIMITATIONS, EMERGENCY, ABNORMAL AND NORMAL PROCEDURES, AND SYSTEMS DESCRIPTION.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034).....	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 5 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW SB 227-32-040)	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001).....	01 03 92
UN	ENTRANCE LIGHTS (IF MODIFIED BY SB 227-33-007)	07 27 92
UN	SIX COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER -75 INSTALLATION OF DWG. 27-14005).....	08 05 92
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)..... (R)	05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94
UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795).....	11 26 99
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0	08 30 00
UN	FLIGHT DATA RECORDER (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 32-82034 OR 27K82090).....	12 22 99
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063)	12 22 99
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB 227-34-011..... (R)	08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

MERLIN IVC SA227-AT FLIGHT MANUAL (ICAO) 16,000 LB (8AT)

DATED 05 13 87

[PNs: PAPER 27-10054-055 / ELECTRONIC 27-10054-222; INCLUDES ALL 227 ICAO AFM'S]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	ACCOMMODATED SB 227-61-006.....	03 03 89
02	REVISED NORMAL, EMERGENCY, AND ABNORMAL PROCEDURES. CORRECTED EDITORIAL ERRORS	01 26 93
03	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI	03 29 94
04	REVISED SECTION 0 AND 4	03 28 96
05	REVISED SECTIONS 0, 2 AND 4.....	05 13 97
06	REVISED SECTIONS 0, 2, 3A, AND 4	11 18 97
07	REVISED SECTIONS 0 AND 3.....	05 11 99
08	REVISED SECTIONS 0 AND 5G.....	11 26 99

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<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
09	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 3 AND 4	04 28 00
10	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
11	ADDED FUEL BALANCING TO SECTIONS 2 AND 3A.....	12 07 07
12	REVISED SECTION 3	05 28 08
13	REVISED SECTIONS 0 AND 3.....	12 09 14

MERLIN IVC SA227-AT FLIGHT MANUAL (ICAO) 16,000 LB SECTION 6

DATED 05 13 87

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	MODIFIED WEIGHT AND BALANCE DATA FIGURES 6-1 & 6-2, EXPANDED EXPEDITER CARGO CONFIGURATION SECTION, CHANGED WEIGHT AND MOMENT ENVELOPE, ETC.....	01 26 93

MERLIN IVC SA227-AT FLIGHT MANUAL (ICAO) 16,000 LB SECTION 7

DATED 05 13 87

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	METRIC UNITS, NOSE GR. FIG., PROP. DESCRIP., LOW OIL PRESS. ANNUN.....	02 01 88
02	ACCOMMODATED SB 227-61-006.....	03 03 89
03	CORRECTED EDITORIAL ERRORS	01 26 93
04	REVISED DATA	03 28 96
05	REVISED DATA	05 11 99
06	ADDED ALTERNATE RUDDER GUST LOCK.....	11 06 03

MERLIN IVC SA227-AT FLIGHT MANUAL (ICAO) 16,000 LB SECTION 8

DATED 05 13 87

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	CORRECTED EDITORIAL ERROR.....	01 26 93

MERLIN IVC SA227-AT FLIGHT MANUAL (ICAO) 16,000 LB SUPPLEMENTS

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
SUP 01	TAKEOFF WITH SRL OFF/INOPERATIVE.....	05 13 87
REV 01	ACCOMMODATED SB 227-61-006.....	03 03 89
SUP 02	FLIGHT DATA RECORDER (FOR AT-440B ONLY).....	06 17 88
SUP 03	COCKPIT VOICE RECORDER (FOR AT-440B ONLY)	06 17 88
SUP 04	FLIGHT DATA RECORDER.....	08 03 88
SUP 05	COCKPIT VOICE RECORDER	08 03 88
REV 01	ADDED CVR MODEL A100A & OPT UNDERWATER LOCATOR BEACON.....	12 07 88
SUP 06	OPERATION IN CANADA (CANADIAN REGISTRATION ONLY).....	09 20 12
REV 01	REVISED AND DELETED DATA	05 07 97
UN	IMPROVED NWS (IF INSTALLED PER SB 227-32-030).....	12 12 91
REV 01	REVISED LIMITATIONS, EMERGENCY, ABNORMAL AND NORMAL PROCEDURES, AND SYSTEMS DESCRIPTION.....	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034).....	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 5 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW S.B. 227-32-040)	03 28 96
UN	COCKPIT VOICE RECORDER (IF INSTALLED PER SB 227-23-001).....	01 03 92
UN	ENTRANCE LIGHTS (IF MODIFIED BY SB 227-33-007)	07 27 92
UN	SIX COMPARTMENT CARGO CONFIGURATION (IF INSTALLED PER -75 INSTALLATION OF DWG. 27-14005).....	08 05 92

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)..... (R)	05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94



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UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795).....	11 26 99
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0	08 30 00
UN	FLIGHT DATA RECORDER (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 32-82034 OR 27K82090).....	12 22 99
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063	12 22 99
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB 227-34-011	(R) 08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

SA227-BC FLIGHT MANUAL 16,000 LB (6BC)

DATED 09 25 89

[PNs: PAPER 27-10054-075 / ELECTRONIC 27-10054-220: INCLUDES ALL 227 DOMESTIC AFM'S]

REV. NO.	DESCRIPTION	DATE
01	NTS SYS CHECK, FIRST SEG CLIMB, WET LIMITATIONS CHANGES	02 08 90
02	TACHOMETER MARKINGS	05 17 90
03	HIGH/LOW BLEED AIR PROCEDURES	07 10 90
04	FUEL VENTING AND EXHAUST EMISSIONS, FLYOVER NOISE LEVELS, MAX LOADS, FWD AND AFT BAGGAGE COMP	04 22 91
05	-3 AND -7 SRL COMPUTERS	03 28 91
06	-12UAR ENGINE/CAWI, TAKEOFF WITH CAWI.....	07 09 91
07	ADDED BRAKE PN, NOTES ON COOLING ENGINES AND REVISED EMERGENCY PROCEDURES.....	12 06 91
08	CHANGED BLADE ANGLE INFO FOR THE PROPELLERS, AND ADDED APPROVED TIRE	07 28 92
09	CHANGED INSTRUMENT MARKINGS, NOTE IN MAX WGTS, NTS SYS REF	12 21 92
10	NEW ENG DESIGNATION FOR -10 SRL COMPUTER, ADDED NEW TIRE	03 18 93
11	CHANGED BATTERY OVERHEAT WARNING SYSTEM, CURRENT LIMITERS STEP IN BEFORE TAXI	03 29 94
12	REVISED SECTIONS 0, 1, 2, 3 AND 3A	06 29 95
13	REVISED SECTIONS 0 AND 2.....	03 28 96
14	REVISED SECTIONS 0, 1 AND 2.....	05 13 97
15	REVISED SECTIONS 0, 1, 2, AND 3A	11 18 97
16	REVISED SECTIONS 0, 1, 2, 3, AND 3A	05 11 99
17	ADDED OUT-OF-TRIM WARNING INFO TO SECTIONS 2 AND 3	04 28 00
18	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
19	ADDED FUEL BALANCING TO SECTIONS 1 AND 3A.....	12 07 07
20	REVISED SECTION 3	05 28 08
21	REVISED SECTIONS 0 AND 3.....	12 09 14
22	REVISED SECTION III ANNUNCIATOR PANEL LIGHT REFERENCES AND ADDED L/R LOW OIL PRESSURE WARNING LIGHT ON PROCEDURE.....	07 27 20

SA227-BC FLIGHT MANUAL 16,000 LB SECTION 5

DATED 09 25 89

REV. NO.	DESCRIPTION	DATE
01	EQUIPMENT LIST WEIGHTS	02 08 90
02	CARGO NET PN, ANCRA, WEIGHT & BALANCE DATA MODIFICATIONS	07 09 91
03	ADDED BRAKE PN TO EQUIPMENT LIST.....	12 06 91
04	CORRECTED FIGURES, ADDED OPTIONAL 19 PLACE CABIN DIAGRAM, CHANGED WEIGHT AND MOMENT ENVELOPE, CHANGE PAYLOAD MOMENT TABLE FOR AFT BAGGAGE COMPARTMENT, AND CORRECTED EQUIPMENT LIST.....	07 28 92
05	NEW ENGINE DESIGNATION FOR -10 SRL, ADDED NEW TIRE.....	03 18 93
06	REVISED DATA	06 29 95
07	REVISED DATA	05 11 99

SA227-BC FLIGHT MANUAL 16,000 LB SECTION 6

DATED 09 25 89

REV. NO.	DESCRIPTION	DATE
01	TWO LEVEL BLEED AIR SYSTEM	02 08 90
02	CHANGED COCKPIT VOICE RECORDER DATA.....	07 09 91
03	NEW ENGINE DESIGNATION FOR -10 SRL, ADDED NEW TIRE.....	03 18 93



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REV. NO.	DESCRIPTION	DATE
04	REVISED DATA	06 29 95
05	REVISED DATA	03 28 96
06	REVISED DATA	05 11 99
07	ADDED ALTERNATE RUDDER GUST LOCK	11 06 03

SA227-BC FLIGHT MANUAL 16,000 LB SUPPLEMENTS

REV. NO.	DESCRIPTION	DATE
SUP 01	TAKEOFF WITH SRL OFF/INOPERATIVE	12 04 89
REV 01	SUP ONLY APPLIES TO -3 SRL COMPUTERS	03 28 91
REV 02	PROVIDED FOR OPERATION WITH -7 OR -8 SRL COMPUTERS	06 19 92
REV 03	CHANGED PROCEDURES IN BEFORE STARTING ENGINES TO INCLUDE USE OF TAKEOFF POWER CHECK CHART, CHANGED NOTE UNDER POWER LEVERS IN TAKEOFF - DRY AND CHANGED SUPPLEMENT TO APPLY TO -10 SRL COMPUTERS	05 24 93
SUP 02	C-26A CONFIGURATION (C-26A AIRCRAFT ONLY)	07 10 90
REV 01	COMPLETE REISSUE OF SUPPLEMENT	02 11 92
REV 02	ADDED CARGO NET PART NUMBER	07 28 92
SUP 04	IMPROVED NOSE WHEEL STEERING SYSTEM (IF INSTALLED PER S.B. 32-030)	02 26 93
REV 01	REVISED LIMITATIONS, NORMAL, EMERGENCY AND ABNORMAL PROCEDURES, AND MANUFACTURER'S DATA	01 06 94
REV 02	ADDED ITEM 4 TO NOSE WHEEL STEERING (MODIFIED IAW SB 227-32-034)	03 29 94
REV 03	CHANGED NOSE WHEEL STEERING LIMITATIONS, MOVED TEXT TO FOLLOW ON PAGES, SPLIT NOTE ON PAGE 8 AND ADDED TWO PAGES	08 10 94
REV 04	CHANGED NOSE WHEEL STEERING INFORMATION (WHEN MODIFIED IAW SB 227-32-040)	03 28 96
UN	FLIGHT DATA RECORDER (IF INSTALLED IAW FAIRCHILD DRAWING 32-82034)	03 11 92
REV 01	PROVISIONS FOR INSTALLATION OF F1000 FDR WITH KIT DRAWING 27K82090	08 31 98
REV 02	CHANGED EFFECTIVITY ON KIT DRAWING 27K82090 TO INCLUDE SA227-BC AIRPLANES	08 04 00
UN	VAPOR CYCLE AIR CONDITIONING SYSTEM (IF INSTALLED IN ACCORDANCE WITH FAIRCHILD AIRCRAFT DRAWING NUMBER 27-84300 OR 27K84300)	07 09 92
REV 01	ADDED MAXIMUM WEIGHTS AND CORRECTED BAGGAGE COMPARTMENT LOADS	11 05 92
REV 02	CHANGED AFT BAGGAGE COMPARTMENT LOAD	06 14 93
REV 03	CORRECTED CIRCUIT BREAKER INFO, EDITORIAL ERROR AND ADDED EQUIPMENT LIST TO SECTION 5	03 29 94
REV 04	ADDED PLACARDS	04 27 94
UN	ENTRANCE LIGHTS (IF MODIFIED BY SB 227-33-007)	07 27 92
UN	SIX COMPARTMENT CARGO CONFIGURATION (IF INSTALLED BY -81 INSTALLATION OF FAIRCHILD DRAWING 27-14005)	09 24 92
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)	(R) 05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002)	04 13 94
UN	FIVE CARGO NETS	04 21 95
UN	IMPROVED VAPOR CYCLE AIR CONDITIONING SYSTEM	05 04 95
REV 01	CHANGED NOTE ON PAGE 4	06 28 95
REV 02	ADDED PLACARD WHEN ALTITUDE SWITCH IS REMOVED AND CHANGED INFORMATION ABOUT ALTITUDE SWITCH	07 15 96
UN	FAR 121 OPERATIONS	03 12 97
UN	EMERGENCY LOCATOR TRANSMITTER (ELT) (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K82795)	11 26 99
REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0	08 30 00
UN	PITOT HEAT WARNING SYSTEM (WHEN INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27K14063)	12 22 99

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REV. NO.	DESCRIPTION	DATE
UN	SIX-COMPARTMENT CARGO CONFIGURATION (27K10002-5 INSTALLATION) (EFFECTIVITY : S/N'S 532B, 538B, 571B - 783B, AND 785B - 789B ONLY)	10 06 00
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB 227-34-011	(R) 08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

SA227 SERIES AIRFRAME AIRWORTHINESS LIMITATIONS MANUAL ST-UN-M001 **REISSUE C 01 18 91**
[PNs: PAPER 27-10054-087; INCLUDED WITH 27-10054-083, 27-10054-085 AND 27-10054-213 / ELECTRONIC 27-10054-226. INSPECTION MANUAL SET; INCLUDES ST-UN-M001, SUPPLEMENTAL INSPECTION DOCUMENT, LETTER CHECK AND PHASE INSPECTION]

REV. NO.	DESCRIPTION	DATE
C-12	REVISED PAGES i, v, 3, AND 14-71	04 25 12
TR-001	CLARIFIED DOOR LATCH INSPECTION REQUIREMENTS. INCLUDED ALL POTENTIALLY INSTALLED LATCH ASSEMBLY PART NUMBERS.	11 17 14
TR-006	UPDATES SUPPLEMENT A, SYSTEM INSPECTIONS AND LIFE LIMITS	06 15 21

SA226/SA227 SERIES SUPPLEMENTAL INSPECTION DOCUMENT (SID) **INITIAL ISSUE 09 27 99**
[PNs: PAPER 27-10054-213; INCLUDED WITH 27-10054-083, 27-10054-085 AND 27-10054-087 / ELECTRONIC 27-10054-226. INSPECTION MANUAL SET; INCLUDES ST-UN-M001, SUPPLEMENTAL INSPECTION DOCUMENT, LETTER CHECK, AND PHASE INSPECTION]

REV. NO.	DESCRIPTION	DATE
F	REVISED DATA	05 01 12
TR-002	APPENDIX C, PG 9 OF 14.....	05 18 15

SA226/SA227 FIELD MAINTENANCE PROCEDURES (FMP) 57-011 EDDY-CURRENT **INITIAL ISSUE 09 06 96**
INSPECTION PROCEDURES. B.L. 9 (INCLUDED IN SUPPLEMENTAL INSPECTION DOCUMENT (SID))

REV. NO.	DESCRIPTION	DATE
02	REVISED DATA	08 12 04
TR-002	APPENDIX C, PG 9 OF 14.....	05 18 15

SA227 SERIES MERLIN/METRO AIRCRAFT SERVICING AND RECOVERY MANUAL **REISSUE B SEP 97**
[PNs: PAPER 27-10054-081 / INCLUDED ON ELECTRONIC 27-10054-220 AND 27-10054-222]SA227 SERIES

REV. NO.	DESCRIPTION	DATE
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SA227 SERIES MAINTENANCE MANUAL **INITIAL ISSUE 04 01 81**
[PNs: PAPER 27-10054-095 / ELECTRONIC 27-10054-096; INCLUDES 27-10054-078]

REV. NO.	DESCRIPTION	DATE
145	CHANGED RUDDER BELLCRANK ATTACHMENT INSTRUCTIONS.....	09 22 25
	UPDATED INSTRUCTIONS FOR PASSENGER DOOR INSTALLATION.....	09 22 25
	CORRECTED ENGINE POWER LEVER CABLE RIGGING STEPS.....	09 22 25

SA227 SERIES ILLUSTRATED PARTS CATALOG **INITIAL ISSUE 04 01 81**
[PNs: PAPER 27-10054-093 / ELECTRONIC 27-10054-094]

REV. NO.	DESCRIPTION	DATE
161	UPDATED ALPHA AND NUMERIC INDEXES.....	09 05 25
	ELIMINATED REDUNDANT VALVE,FUEL CROSSFLOW VERBIAGE.....	09 05 25
	UPDATED DRAG BRACE ASSEMBLY PNs.....	09 05 25
	CORRECTED NOSE LANDING GEAR ASSEMBLY PNs	09 05 25
	ADDED SPACER PNs.....	09 05 25
	UPDATED REAR SPAR SPLICE PNs	09 05 25



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SA226/227 SERIES STRUCTURAL REPAIR MANUAL

INITIAL ISSUE 03 01 83

[PNs: PAPER 27-10054-079 / ELECTRONIC 27-10054-080]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
40	REVISED CHAPTERS 53, 54, 56, AND 57	02 28 13
TR54-16	54-90-50, PG 34.....	04 18 13
TR51-21	51-30-02, PG 10.....	01 13 14
TR53-22	53-90-10, PGS 1, 2, 67, 68	01 30 14
TR52-17	52-90-30, PGS 1, 15-18	02 07 14
TR57-18	57-90-60, PG 36.....	02 10 14
TR52-19	52-90-30, PG 13.....	02 11 14
TR57-20	57-90-20, PGS 51-60	02 12 14
TR53-23	53-90-20, PGS 71-74	02 13 14
TR57-24	57-90-10, PGS 1, 2, 77-90, 95, 109-132.....	02 18 14
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TR53-24	53-90-10, PGS 1, 2, 69-74	11 19 14
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TR57-26	57-90-55, PGS 1-6.....	04 02 19

SA227 SERIES WIRING MANUAL

INITIAL ISSUE 05 15 81

[PNs: PAPER 27-10054-091; INCLUDES 27-10054-189 / ELECTRONIC 27-10054-092; INCLUDES 27-10054-190]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
81	REVISED FRONT MATTER AND CHAPTER 20	02 26 20

SA227 SERIES ELECTRICAL EQUIPMENT LIST

INITIAL ISSUE 08 25 00

[PNs: PAPER 27-10054-189; INCLUDED WITH 27-10054-091 / ELECTRONIC 27-10054-190; INCLUDED ON 27-10054-092]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
12	REVISED FRONT MATTER AND SECTIONS A CODE, H/HA/HT, K, L, M, P, AND S	02 26 20

SA226/227 SERIES ILLUSTRATED TOOL AND EQUIPMENT MANUAL

REISSUE 11 01 00

[PNs: PAPER 27-10054-077 / ELECTRONIC 27-10054-078; INCLUDED ON 27-10054-096]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
05	REVISED TABLE OF CONTENTS AND ADDED PAGES 95 THRU 98.....	01 29 15

SA227TT, AT, AC, BC LETTER CHECK INSPECTION PROGRAM

INITIAL ISSUE 05 01 89

[PNs: PAPER 27-10054-083; INCLUDES 27-10054-087 AND 27-10054-213 / ELECTRONIC 27-10054-226.INSPECTION MANUAL SET; INCLUDES ST-UN-M001, SUPPLEMENTAL INSPECTION DOCUMENT, LETTER CHECK AND PHASE INSPECTION]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
A	COMPLETE REISSUE, REPLACES REV 19 AND INCORPORATES TRB-04, CHANGES DETAILED IN REISSUE A LETTER OF TRANSMITTAL	04 15 21
C-01	TEMPORARY REVISION CORRECTING TRANSPOSED NUMBERS AS NOTED ON PAGE C-14 ...	04 22 24

SA227AC/BC PHASE INSPECTION MANUAL

INITIAL ISSUE 06 15 93

[PNs: PAPER 27-10054-085; INCLUDES 27-10054-087 AND 27-10054-213 / ELECTRONIC 27-10054-226. INSPECTION MANUAL SET; INCLUDES ST-UN-M001, SUPPLEMENTAL INSPECTION DOCUMENT, LETTER CHECK AND PHASE INSPECTION]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
22	REPLACES REV 21; INCLUDES NEW TITLE PAGE, ONTIC LOGO AND LANGUAGE.....	11 07 24
	CHANGES DETAILED IN REVISION 21 LETTER OF TRANSMITTAL.....	11 07 24

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SA227 SERIES SERVICE BULLETINS

REISSUE 03 07 16

[SERVICE INFORMATION INCLUDES: BULLETINS, LETTERS, AND NOTES -

PNs: PAPER 27-10054-089 / ELECTRONIC 27-10054-090]

NUMBER	DESCRIPTION	DATE
11-001	CHANGE IN AIRCRAFT GROSS WEIGHT	(R) 12 11 81
11-002	CHANGE IN AIRCRAFT GROSS WEIGHT	(R) 12 19 90
11-003	INCREASE FWD BAG COMPART CAPACITY	03 01 83
11-004	INCREASE AFT BAG COMPART CAPACITY	09 04 85
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27-006	CONRAC SAS SYS - INSPECTION AND RECALIBRATION	(R) 06 12 13
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57-002	INSPECT/ADD DOUBLER AT LOWER WING SKIN	(R) 01 23 84
57-003	NOT ISSUED	
57-004	INSPECT, MODIFY/REPAIR LOWER WING SKIN AT WING STATION (WS) 113	06 22 93
57-005	MODIFICATION/REPAIR OF UPPER WING SKIN	(R) 07 01 93
57-006	NOT ISSUED	
57-007	INCREASED CORROSION CONTROL FOR AFT SPAR, AT LOWER FORWARD AND AFT STEEL ANGLES	04 05 05
57-008	WING EXTENSION TRIM TAB INSTALLATION	08 19 09
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57-010	INSTALLATION OF FORM-IN-PLACE GASKETS-DELTA P/P TRANSDUCER ACCESS PANELS	09 03 10
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57-012	INSPECTION OF MAIN SPAR LOWER CAP, BL 0.0 TO BL 3.0	(R) 08 06 19
61-001	SUPERSEDED BY SB A61-002	11 19 85
A61-002	INSTALLATION OF EROSION TAPE ON PROPELLER	(R) 11 19 85
61-003	IMPROVED PROPELLER SYNCHROPHASER CONTROL	(R) 10 31 89
61-004	DOWTY-ROTOL TO MCCAULEY PROPELLER CONVERSION	(R) 01 27 93
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61-008	INSTALLATION OF DE-ICER EROSION TAPE ON MCCAULEY PROPELLERS	10 04 95
61-009	INSTALLATION OF DE-ICER EROSION TAPE ON DOWTY ROTOL PROPELLERS.....	10 04 95
71-001	ENGINE MOUNT TRUSS ASSEMBLY - INTERCHANGEABILITY	(R) 12 31 91
71-002	IMPROVED ENGINE COMBUSTION SYSTEM	(R) 10 23 84
71-003	SUPERSEDED BY 78-001	05 29 92
71-004	ENGINE INSTALLATION IMPROVEMENTS	(R) 03 27 92
71-005	ENGINE INSTALLATION MODIFICATION	(R) 10 02 89
71-006	ENGINE FLEXIBLE HOSE REPLACEMENT	(R) 05 29 92
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71-008	INSPECTION AND MODIFICATION OF UPPER ENGINE TRUSS TO FIREWALL ATTACH FITTINGS AND UPPER ENGINE SHOCK MOUNT AT UPPER ENGINE MOUNT LUG	(R) 05 26 10
74-001	AUTO IGNITION MODIFICATION	07 08 86
74-002	IGNITION/FUEL VALVE FAIL-SAFE RELAY MODIFICATION.....	(R) 12 27 95
74-003	MODIFICATION OF NEGATIVE TORQUE SENSING (NTS) TEST SYSTEM TO PROVIDE AUTO IGNITION SYSTEM AND MATERIAL LIST SUPPLEMENT.....	(R) 08 06 03
76-001	ENG CONTROLS-CABLES (BOOT INST/MOUNT REPL).....	(R) 01 11 85
76-002	INSPECT/REPLACE POWER LEVER FLIGHT IDLE DETENT ARM	(R) 05 09 91
76-003	RELOCATION OF ENGINE TT2 SENSOR.....	10 09 91
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76-005	POSITIVE SAFETY OF ATTACHING HARDWARE FOR ENGINE POWER/RPM CONTROL CABLE HOUSINGS TO PEDESTAL BRACKET PN 26-21505	03 01 96
76-006	INSPECT POWER LEVERS IN PEDESTAL FOR CRACKING AND/OR EXCESSIVE WEAR	(R) 11 01 18
76-007	REPLACE/REWORK PROPELLER PITCH CONTROL (PPC) ASSEMBLIES PER HONEYWELL SERVICE BULLETIN TPE331-72-2190	03 17 15
76-008	REPLACEMENT ENGINE CONTROL CABLES (FLEXIBLE SLIDING ELEMENT)	04 26 19
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78-001	IMPROVED ENGINE EXHAUST DUCT GASKET AND ASPIRATOR SEAL INSTALLATION	05 29 92
78-002	IMPROVED ENGINE EXHAUST DUCT GASKET.....	(R) 07 14 93
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82-001	REPLACE PN 27-67001-283 AWI TUBE	12 21 83
82-002	REPLACE PN 27-19144-007 CAWI INDICATOR	10 16 85
82-003	IMPROVED PRESSURE SWITCH FOR CAWI	08 25 92
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006	ADD LUMBAR SUPPORT TO 27-19308 CABIN SEAT WITH THE COMPLIANCE OF PTC SERVICE BULLETIN 25-1230	10 23 92
007	REVERSE CURRENT	02 22 93
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014	MAIN LANDING GEAR STRIKER PLATE REMOVAL AND NOSE LANDING GEAR UPLOCK ROLLER/STRIKER EXTENSION REMOVAL	(R) 06 24 96
015	ADDED BELLY SKIN DRAIN HOLES.....	06 25 93
016	27-62085-043 BRACKET.....	09 07 93
017	ENLARGE WING AFT BELLY SKIN ACCESS DOOR DRAIN HOLES.....	08 18 93
018	ALTERNATE MEANS OF COMPLIANCE WITH AD 93-15-02	08 12 93
019	POLYURETHANE HOSES, 5/8 INCH INSIDE DIAMETER	09 27 93
020	REPLACEMENT OF J416-8SS-5 OR MS24593-8 BLEED AIR CHECK VALVE.....	10 26 93
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022	FIRE LOGIC MODULE CONNECTOR REVERSAL PROTECTION.....	(R) 01 09 95
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027	NOT ISSUED	
028	STARTER/GENERATOR BEARING REPLACEMENT	12 23 94
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035	INSPECTION/REPLACEMENT OF (31 PSI) PNEUMATIC PRESSURE REGULATOR FOR INCORRECT INLET/OUTLET PORT ORIENTATION	11 24 98
036	LIFE PRESERVER WITH LOCATOR LIGHT FOR FAR, PART 121.2 AND 121.340 REQUIREMENT.....	12 04 98
037	OVERHAUL TIME LIMIT FOR PN 27-81009 HYDRAULIC POWER PACK	(R) 11 03 99
038	BF GOODRICH PN 74-451-AC EROSION REPAIR KIT, FOR WING AND TAIL DE-ICE BOOTS	08 25 99
039	INSPECTION/REPLACEMENT/PROTECTION OF FUEL BOOST PUMP WIRE HARNESS FOR CHAFFING CONDITION, FAA APPROVED.....	(R) 09 25 00
040	NOT ISSUED	
041	INSPECTION OF PRIMARY FLIGHT CONTROL CABLE TERMINALS FOR CRACKS/PITTING CORROSION.....	05 29 01
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044	INSPECTION OF MAIN LANDING GEAR (MLG) TRUNNION BUSHING, PN 27-51009, ATTACHING HARDWARE FOR LOOSENESS 03	27 03
045	INSPECT FOR POSSIBLE CRACKS IN LH/RH FUSELAGE STATION (F.S.) 272 AND 276 FOR FORWARD SPAR, F.S. 308 AND 311 FOR AFT SPAR ON AT/TC MODEL AIRPLANES OR F.S. 169 AND 173 FOR MAIN SPAR, F.S. 205 AND 208 FOR AFT SPAR ON TT/TT300 MODEL AIRPLANES, LOWER BELT FRAMES AND NESTED CHANNELS AT LH/RH STRINGER 10A FEEDTHROUGH 06	10 03
046	INSPECT FOR CRACKS AND/OR BULGES OF LEFT HAND/RIGHT HAND, INBOARD/OUTBOARD, KEELSON WEB SKIN AT NACELLE STATION (N.S.) 141.69..... 06	10 03
047	INSPECTION OF AFT SPAR, AT LOWER AFT STEEL ANGLE FOR CORROSION (R)	09 01 05
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062	INSPECT HONEYWELL PN 894568-1/-2 FUEL LINE FOR DAMAGE (R)	12 12 13
063	INSPECTION/REPLACEMENT OF 27-51042-177/-179 SHEAR BOLT INSTALLED ON THE MAIN LANDING GEAR LINKAGE..... (R)	03 07 14
064	RECOMMEND REPLACE/REWORK PROPELLER PITCH CONTROL (PPC) ASSEMBLIES PER HONEYWELL SERVICE BULLETIN TPE331-72-2190 02	11 14
065	INSPECT HONEYWELL PN 894382-2/-5 ANTI-ICE TUBE FOR CRACKING AND DAMAGE 09	19 14
066	INSPECT/REPLACE 27-52000-141 NOSE LANDING GEAR ACTUATOR BELLCRANK PINS 08	31 15
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028	NOT ISSUED	
029	PROP DEICE SYSTEM MAINTENANCE PROCEDURES	11 18 83
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031	NOT ISSUED	
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037	ENGINE MOUNT BOLT CHECK	07 20 84
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058	WING DEICER BOOT ALTERNATE-MATERIAL	04 02 86
059	IMPROVED FIRE EXTINGUISHER LOGIC MODULE	08 26 86
060	MAIN LANDING GEAR TRUNNION BUSHING REPL PN	(R) 09 10 86
061	CABIN DOOR SKIN THICKNESS	03 24 87
062	ORIFICE PLATE REMOVAL	01 10 89
063	IMPROVED SERVICE LIFE-OIL INLET HEATER SYSTEM.....	03 15 88
064	NOT ISSUED	
065	FORWARD WING SPAR ACCESS PANEL HARDWARE INSPECTION.....	10 05 88
066	CONTROL COLUMN HARDWARE INSPECTION	03 28 89
067	UNPRESSURIZED FLIGHT PROCEDURES	04 03 89
068	REWORK OF 27-35036 BRACKET.....	07 27 89
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074	RUDDER TRIM TAB ASSEMBLY	11 08 90
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081	ACOUSTIC WINDOW PANE REMOVAL.....	01 25 93
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085	LANDING GEAR POSITION AND WARNING SWITCHES	02 25 94
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SA227 COMMUTER CATEGORY (CC/DC)

SA227-CC/DC CONFIGURATION DEVIATION LIST

DATED 10 17 94

[INCLUDED WITH APPLICABLE PAPER AFM / INCLUDED ON ELECTRONIC PN 27-10054-224]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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SA227-CC FLIGHT MANUAL 16,500 LB (6CC)

DATED 12 11 92

[PNs: PAPER 27-10054-117 / ELECTRONIC 27-10054-224; INCLUDES ALL CC/DC AFMs]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	CHANGED NOSE WHEEL STEERING LIMITATIONS	04 02 93
02	ADDED TOTAL OIL QUANTITY, CHANGED BATTERY OVERHEAT WARNING SYSTEM INFORMATION, ADDED NEW APPROVED TIRE, FIGURE REFERENCES IN OPERATING WEIGHTS, ADDED PART "J" TO PERFORMANCE SECTION	06 03 93
03	CHANGED NWS LIMITATIONS AND CORRECTED METRIC SCALE ON FIG. 4G-4, CORRECTED EDITORIAL ERRORS, MODIFIED DURING TAXI SECTION	09 01 93
04	CHANGED NOTE ABOUT USE OF GENERATORS, CHANGED INSTRUMENT MARKINGS FOR EGT, ADDED ITEM 4 TO NOSE WHEEL STEERING (S/N CC-843 AND UP OR MODIFIED IAW SB CC7-32-003) CHANGED OPS IN ICING CONDITIONS, ADDED DEFINITION FOR STOPWAY, CHANGED DEFINITIONS FOR CLEARWAY AND TAKEOFF RUN AND CORRECT EDITORIAL ERRORS	03 29 94
05	CHANGED NOSE WHEEL STEERING LIMITATIONS AND SPLIT NOTE ON PAGE 3A-11	08 10 94
06	REVISED SECTIONS 0 AND 1	10 17 94
07	REVISED SECTIONS 0, 1, 2 AND 3	03 28 95
08	REVISED SECTIONS 0 AND 4	03 26 95
09	REVISED SECTIONS 0, 1 AND 2	03 28 96
10	REVISED SECTIONS 0, 2, 3, AND 3A	12 02 97
11	REVISED SECTIONS 0, 1 AND 4	11 20 96
12	ADDED UNCOMMANDED ENGINE ACCELERATION INFO AND MANUAL GROUND START PROCEDURES TO SECTIONS 3 AND 3A	04 28 00
13	REVISED SECTIONS 0, 1, 2, 3, AND 3A	06 03 99
14	REVISED SECTIONS 0, 2, AND 3	02 29 00
15	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
16	ADDED FUEL BALANCING TO SECTIONS 1 AND 3A	12 07 07
17	REVISED SECTIONS 0 AND 3	12 09 14
18	REVISED SECTION III ANNUNCIATOR PANEL LIGHT REFERENCES AND L/R LOW OIL PRESSURE WARNING LIGHT ON PROCEDURE	07 27 20

SA227-CC FLIGHT MANUAL 16,500 LB SECTION 5

DATED 12 11 92

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	ADDED AVIATOR TIRE TO EQUIPMENT LIST	06 03 93
02	ADDED ABS NOSE WHEEL TO EQUIPMENT LIST	11 17 93
03	REVISED DATA	07 18 95
04	ADDED AND REVISED DATA	05 26 00
05	DELETED AND CORRECTED DATA	08 29 00

SA227-CC FLIGHT MANUAL 16,500 LB SECTION 6

DATED 12 11 92

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	CHANGED ENGINE POWER CHECK CHART - MCP, INFORMATION ABOUT LANDING GEAR WARNING SYSTEM, ADDED TOTAL OIL SYSTEM CAPACITY, ETC	06 03 93
02	CHANGED INFORMATION ON NWS FAIL LIGHT AND NORMAL STEERING OPERATIONS FOR VARIABLE AUTHORITY NOSE WHEEL STEERING AND TILLER NOSE WHEEL STEERING	09 01 93
03	CHANGED INFORMATION ABOUT NWS FAIL LIGHT FOR TILLER NOSE WHEEL STEERING AND CHANGED NOTE FOR OPERATIONS WITH STANDING WATER, SLUSH, OR WET SNOW ON THE RUNWAY	03 29 94
04	REVISED DC POWER DISTRIBUTION SYSTEM	03 28 95
05	ADDED TABLES AND PAGES	05 02 95
06	REVISED DATA	03 28 96

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REV. NO.	DESCRIPTION	DATE
07	REVISED DATA	12 02 97
08	REVISED DATA	11 20 96
09	REVISED DATA	06 03 99
10	ADDED UNCOMMANDED ENGINE ACCELERATION	04 28 00
11	ADDED ALTERNATE RUDDER GUST LOCK	11 06 03

SA227-CC FLIGHT MANUAL 16,500 LB SUPPLEMENTS

SUP/REV	DESCRIPTION	DATE
SUP 01	TAKEOFF WITH SRL OFF/INOPERATIVE.....	12 11 92
REV 01	CHANGED PROCEDURES IN BEFORE STARTING ENGINES TO INCLUDE USE OF TAKEOFF POWER CHECK CHART AND CHANGED NOTE UNDER POWER LEVERS IN TAKEOFF-DRY	05 24 93
SUP 02	OPERATION IN CANADA (CANADIAN REGISTRATION ONLY).....	06 01 93
REV 01	ADDED PASSENGER BRIEFING TO NORMAL PROCEDURES SECTION.....	09 03 93
REV 02	REVISED AND DELETED DATA	05 07 97
SUP 03	AIRCRAFT BRAKING SYSTEMS (ABS) ANTI-SKID/POWER BRAKE SYSTEM (IF INSTALLED IAW FAIRCHILD AIRCRAFT DRAWING NUMBER 27-85211)	06 27 94
SUP 04	MINIMUM CAWI FLUID QUANTITY FOR SINGLE ENGINE TAKEOFF WITH CONTINUOUS ALCOHOL WATER INJECTION	05 15 95
REV 01	DELETED NOTE 12 REGARDING WHITE RADIAL LINES FROM FIGURE 3 ON PAGE 8.....	08 10 20
SUP 05	REDUCED VISCOSITY HYDRAULIC FLUID	11 23 94
UN	VAPOR CYCLE AIR CONDITIONING SYSTEM (IF INSTALLED IAW WITH FAIRCHILD AIRCRAFT DRAWING NUMBER 27-84300 OR 27K84300)	07 09 92
REV 01	ADDED MAXIMUM WEIGHTS AND CORRECTED BAGGAGE COMPARTMENT LOADS	11 05 92
REV 02	CHANGED AFT BAGGAGE COMPARTMENT LOAD	06 14 93
REV 03	CORRECTED CIRCUIT BREAKER INFO, EDITORIAL ERROR AND ADDED EQUIPMENT LIST TO SECTION 5	03 29 94
REV 04	ADDED PLACARD.....	04 27 94
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)	(R) 05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94
UN	IMPROVED VAPOR CYCLE AIR CONDITIONING SYSTEM	05 04 95
REV 01	CHANGED NOTE ON PAGE 4	06 28 95
REV 02	ADDED PLACARD WHEN ALTITUDE SWITCH IS REMOVED AND CHANGED INFORMATION ABOUT ALTITUDE SWITCH	07 15 96
UN	BENDIX/KING CAS 66A TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM WITH CP 66B CONTROL PANEL	10 29 96
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB CC7-34-008	(R) 08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

SA227-CC PILOT'S FLIGHT CHECKLIST (6CC)

DATED 03 05 93

[PNs: PAPER 27-10054-115 / ELECTRONIC 27-10054-224: INCLUDES ALL CC/DC AFMs]

REV. NO.	DESCRIPTION	DATE
01	REVISED SECTIONS N AND AB	03 28 95
02	REVISED SECTIONS i, E, AND AB.....	12 02 97
03	REVISED SECTIONS i, N, E, AND AB	05 11 99
04	REVISED SECTIONS i, N, AND E.....	02 29 00
05	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
06	ADDED FUEL BALANCING TO ABNORMAL PROCEDURES.....	12 07 07



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SA227-DC FLIGHT MANUAL 16,500 LB (6DC)

DATED 08 23 91

[PNs: PAPER 27-10054-113 / ELECTRONIC 27-10054-224; INCLUDES ALL CC/DC AFMs]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	ADDED CAWI AND RESERVE POWER, CORRECTED FIGURE REFERENCE NUMBERS, CHANGED POWER SETTING FOR SINGLE ENGINE GO AROUND	11 15 91
02	ADDED WET PERFORMANCE SECTION, CHANGED FDR AND CVR PROCEDURES, MADE EDITORIAL CHANGES.....	12 31 91
03	ADDED MCCAULEY PROP ASSY NUMBERS, CHANGED PROP BLADE ANGLES, PROP REVERSING WARNING AND CHANGED SRL COMPUTER FAILURE SEC	04 24 92
04	CHANGED PROCEDURES TO PERMIT SINGLE PILOT OPERATION.....	06 19 92
05	REVISED RES PWR IN LIMITATIONS SECTION, CHANGED CAWI INFO, ADDED INFO ABOUT CONVERTIBLE INTERIOR, MAX. LANDING WGT LIMITATION CHART	09 29 92
06	CHANGED GENERATOR LOAD, SPEED FOR TAKEOFF POWER CHECK CHARTS AND REVISED SINGLE PILOT PROCEDURES.....	07 28 92
07	ADDED NEW ENGINE DESIGNATION FOR -10 SRL COMPUTER, NEW TIRE, NEW EGT LIMIT WITH SRL INOPERATIVE POWER TABLES AND CHANGED FIGURE REFERENCE NUMBERS	03 18 93
08	CHANGED NOSE WHEEL STEERING LIMITATIONS.....	04 02 93
09	CHANGED BATTERY OVERHEAT WARNING SYSTEM, OIL FILTER BYPASS INDICATOR, ADDED INFO ABOUT ANNUNCIATOR PANEL DIMMING, ADDED METRIC TICK MARKS ON PERFORMANCE CHARTS	06 23 93
10	CHANGED FIGURES 4H-3 THRU 4H-6 AND CORRECTED METRIC TICK MARKS ON FIGURE 4G-4 AND CORRECTED EDITORIAL ERROR ON PAGE 2-26.....	08 09 93
11	CHANGED NOSE WHEEL STEERING LIMITATIONS, MODIFIED DURING TAXI SECTION ON PAGE 2-35 ,AND CHANGED NOTE ON PAGE 3A-11.....	09 01 93
12	CHANGED MAXIMUM LAND WEIGHT LIMITATIONS CHARTS, REVISED TAKEOFF FLIGHT PATH DISTANCE TO 1500 FEET EXAMPLES, ADD PART J SUPPLEMENTAL TAKEOFF PERFORMANCE SECTION AND CHANGED PAGES TO REFLECT THE NEW PART J.....	09 10 93
13	CHANGED NOTE ABOUT USE OF GENERATORS, CHANGED INSTRUMENT MARKINGS FOR EGT, ADDED ITEM 4 TO NOSE WHEEL STEERING (S/N CC-843 AND UP OR MODIFIED IAW SB CC7-32-003) CHANGED OPS IN ICING CONDITIONS, ADDED DEFINITIONS FOR STOPWAY, CHANGED DEFINITIONS FOR CLEARWAY AND TAKE-OFF RUN, CORRECTED EDITORIAL ERRORS AND CORRECTED FIGURE 4J-1.	03 29 94
14	CHANGED NOSED WHEEL STEERING LIMITATIONS AND SPLIT NOTE ON PAGE 34-11.....	08 10 94
15	DELETED KINDS OF OPERATION, CHANGED KINDS OF OPERATION EQUIPMENT LIST, MOVED TEXT TO DIFFERENT PAGES AND DELETED 4 PAGES FROM LIMITATION SECTION.....	08 26 94
16	REVISED SECTIONS 0, 1, 2, 3 AND 4.....	03 28 95
17	REVISED SECTIONS 0 AND 4.....	03 26 95
18	REVISED SECTIONS 0, 1 AND 2.....	03 04 96
19	REVISED SECTIONS 0 AND 4.....	07 31 95
20	REVISED SECTIONS 0, 2, 3, AND 3A	12 02 97
21	REVISED AND ADDED DATA IN SECTIONS 0, 1 AND 4	11 12 96
22	REVISED DATA	05 28 97
23	ADDED UNCOMMANDED ENGINE ACCELERATION INFO AND MANUAL GROUND START PROCEDURES TO SECTIONS 3 AND 3A	04 28 00
24	REVISED SECTIONS 0 AND 3.....	06 05 98
25	REVISED SECTIONS 0, 1, 2, 3, AND 3A	05 11 99
26	REVISED SECTIONS 0 AND 1.....	08 19 99
27	REVISED SECTIONS 0, 2, AND 3.....	02 29 00
28	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
29	ADDED AURAL TAKEOFF WARNING (SN 902, 903, 904) TO SECTION 3	07 12 00
30	REVISED DATA IN SECTIONS 0 AND 2.....	10 06 00
31	REVISED DATA IN SECTIONS 0 AND 3A.....	10 03 01
32	ADDED FUEL BALANCING TO SECTIONS 1 AND 3A.....	04 05 07
33	REVISED FUEL BALANCING IN SECTIONS 1 AND 3A.....	12 07 07
34	REVISED SECTIONS 0 AND 3.....	12 09 14
35	REVISED SECTION III ANNUNCIATOR PANEL LIGHT REFERENCES AND L/R LOW OIL PRESSURE WARNING LIGHT ON PROCEDURE.....	07 27 20



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SA227-DC FLIGHT MANUAL 16,500 LB SECTION 5

DATED 08 23 91

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	CORRECTED AWI INFORMATION	11 15 91
02	CHANGED WEIGHT AND F.S. OF DRAINABLE BUT UNUSABLE FUEL AND CHANGED FIGURE 5-2	12 31 91
03	ADDED AVIONICS EQUIPMENT TO THE EQUIPMENT LIST AND CORRECTED EDITORIAL ERRORS	04 24 92
04	NEW ENGINE DESIGNATION FOR -10 SRL, NEW TIRE	03 18 93
05	CORRECTED WEIGHT AND BALANCE CALCULATION EXAMPLE, CAWI FLUID MOMENT TABLE AND EDITORIAL ERRORS	06 23 93
06	ADDED ABS NOSE WHEEL TO EQUIPMENT LIST	11 17 93
07	REVISED DATA	07 18 95
08	REVISED DATA	07 19 95
09	REVISED DATA	10 29 97
10	ADDED AND REVISED DATA	05 26 00
11	DELETED AND CORRECTED DATA	08 28 00

SA227-DC FLIGHT MANUAL 16,500 LB SECTION 6

DATED 12 31 91

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	CHANGED SPECIFIC RANGE, CHARTS FOR FUEL FLOW, SPECIFIC RANGE AND CRUISE SPEEDS	04 24 92
02	ADDED BRAKE AND PARKING BRAKE INFORMATION AND STANDBY INSTRUMENT POWER SYSTEM	06 19 92
03	NEW ENGINE DESIGNATION FOR -10 SRL, NEW TIRE	03 18 93
04	CORRECTED FUEL SYSTEM DRAWINGS, JET TRANSFER PUMP SYSTEM INFO, VARIABLE AUTHORITY NOSE WHEEL STEERING TEST, ETC.	06 23 93
05	CHANGED INFO ABOUT NWS FAIL LIGHT AND NORMAL STEERING PROCEDURES FOR VARIABLE AUTHORITY NOSE WHEEL STEERING AND TILLER NWS	09 01 93
06	CHANGED INFORMATION ABOUT NWS FAIL LIGHT FOR TILLER NOSE WHEEL STEERING AND CHANGED NOTE FOR OPERATIONS WITH STANDING WATER, SLUSH, OR WET SNOW ON THE RUNWAY AND CORRECTED EDITORIAL ERROR	03 29 94
07	REVISED DC POWER DISTRIBUTION SYSTEM	03 28 95
08	ADDED TABLES AND PAGES	05 02 95
09	REVISED DATA	03 04 96
10	REVISED DATA	12 02 97
11	REVISED DATA	11 12 96
12	REVISED DATA	12 02 97
13	ADDED UNCOMMANDED ENGINE ACCELERATION	04 28 00
14	REVISED DATA	05 11 99
15	ADDED AURAL TAKEOFF WARNING (SN 902, 903, 904)	07 12 00

SA227-DC FLIGHT MANUAL 16,500 LB SUPPLEMENTS

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
16	ADDED EMERGENCY LOCATOR TRANSMITTER, ARTEX 110-406	08 28 00
17	ADDED UTILIZATION OF REDUNDANT NAV RECEIVERS AND DISPLAYS (EHSI-74)	10 19 00
18	REVISED EFFECTIVE PAGES	10 03 01
19	ADDED ALTERNATE RUDDER GUST LOCK	11 06 03
SUP 01	TAKEOFF WITH SRL OFF/INOPERATIVE (APPLIES TO AIRCRAFT WITH -7/-8 SRL COMPUTERS)	06 19 92
REV 01	APPLIES TO AIRCRAFT WITH -10 SRL COMPUTERS	(R) 05 24 93
SUP 02	C-26B CONFIGURATION (C-26B AIRCRAFT ONLY)	12 06 91
REV 01	CORRECTED EDITORIAL ERROR AND DELETED PARAGRAPH UNDER BUS TRANSFER SECTION	04 24 92
REV 02	ADDED CARGO NET PART NUMBER	07 28 92
REV 03	REVISED PAGES 2, 3, 5 THRU 7, 10 AND 47 THRU 50	01 26 96
REV 04	ADDED, REVISED, AND REFORMATTED DATA ON PAGES 3, 5, AND 46 THRU 50	02 04 97



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<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
REV 05	ADDED GNS-XLS (IF INSTALLED) TO KNS 660 HEADING REFERENCE SELECT SWITCH.....	04 17 00
SUP 03	C-26 SURVEILLANCE CONFIGURATION (C-26B AIRCRAFT ONLY)	06 16 94
REV 01	TO MAKE COMPATIBLE WITH BOTH PODS	03 29 95
REV 02	REVISED PAGES 3 AND 8	01 12 96
SUP 04	AIRCRAFT BRAKING SYSTEMS (ABS) ANTI-SKID/POWER BRAKE SYSTEM (IF INSTALLED IAW FAIRCHILD AIRCRAFT DRAWING NUMBER 27-85211)	07 22 94
REV 01	REVISED PAGES 2 AND 22	04 13 95
REV 02	REVISED PAGES 2 THRU 5, 7 AND 27	11 27 95
SUP 05	MINIMUM CAWI FLUID QUANTITY FOR SINGLE ENGINE TAKEOFF WITH CONTINUOUS ALCOHOL WATER INJECTION	05 15 95
REV 01	DELETED NOTE 12 REGARDING WHITE RADIAL LINES FROM FIGURE 3 ON PAGE 7	08 10 20
SUP 06	TRIM-IN -MOTION TONE GENERATOR AND OVERSPEED WARNING SYSTEM (IF INSTALLED PER ECP 705 OR KIT DRAWING 27K82818)	06 06 96
REV 01	REVISED PAGES 2, 3, AND 4	11 26 99
SUP 07	ALTERNATE STATIC SYSTEM WITH COLLINS EFIS-84 (IF INSTALLED IAW FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88759 REV A)	03 26 96
SUP 08	PITOT HEAT WARNING SYSTEM	10 04 96
REV 01	ADDED FAIRCHILD AIRCRAFT DRAWING 27K14063 FOR INSTALLATION OF PITOT HEAT WARNING SYSTEM	07 06 01
SUP 09	OPERATION IN CANADA	06 17 97
SUP 10	LOW FUEL PRESSURE WARNING ANNUNCIATION	05 28 97
SUP 11	RESERVED	
SUP 12	GNS-XLS FLIGHT MANAGEMENT SYSTEM WITH FAULT DETECTION AND EXCLUSION CAPABILITY (C-26B AIRCRAFT ONLY)	07 15 99
UN	VAPOR CYCLE AIR CONDITIONING SYSTEM (IF INSTALLED IAW FAIRCHILD AIRCRAFT DRAWING NUMBER 27-84300 OR 27K84300)	07 09 92
REV 01	ADDED MAXIMUM WEIGHTS AND CORRECTED BAGGAGE COMPARTMENT LOADS	11 05 92
REV 02	CHANGED AFT BAGGAGE COMPARTMENT LOAD	06 14 93
REV 03	CORRECTED CIRCUIT BREAKER INFO, EDITORIAL ERROR AND ADDED EQUIPMENT LIST TO SECTION 5	03 29 94
REV 04	ADDED PLACARD	04 27 94
UN	ALLIEDSIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)	(R) 05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002)	04 13 94
UN	IMPROVED VAPOR CYCLE AIR CONDITIONING SYSTEM	05 04 95
REV 01	CHANGED NOTE ON PAGE 4	06 28 95
REV 02	ADDED PLACARD WHEN ALTITUDE SWITCH IS REMOVED AND CHANGED INFORMATION ABOUT ALTITUDE SWITCH	07 15 96
UN	AILERON-RUDDER INTERCONNECT INSTALLATION	07 25 96
UN	BENDIX/KING CAS 66A TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM WITH CP 66B CONTROL PANEL	10 29 96
UN	TWELVE PLACE CLUB CONFIGURATION	03 08 02
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB CC7-34-008	(R) 08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

SA227-DC PILOT'S FLIGHT CHECKLIST (6DC)

DATED 07 28 92

[PNs: PAPER 27-10054-111 / ELECTRONIC 27-10054-224: INCLUDES ALL CC/DC AFMs]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	CHANGED SINGLE ENGINE BEFORE LANDING AND SINGLE ENGINE GO-AROUND PROCEDURES	09 29 92
02	DELETED ENG DESIGNATION AND ADDED 6DC-CL BOTTOM OF PGS	03 03 93
03	CHANGED CHECK LIST TO REFLECT REV. 9 TO AFM AND ADDED 6DC-CL TO BOTTOM OF EACH PAGE	06 23 93

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04	REVISED SECTIONS N AND AB	03 28 95
05	REVISED SECTIONS i, N, E, AND AB	12 02 97
06	REVISED SECTIONS i, N, E, AND AB	05 11 99
07	ADDED AURAL OUT-OF-TRIM WARNING INFO TO SECTIONS N AND E	04 28 00
08	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
09	ADDED AURAL TAKEOFF WARNING (SN 902, 903, 904) TO EMERGENCY SECTION	07 12 00
10	ADDED FUEL BALANCING TO ABNORMAL PROCEDURES.....	04 05 07
11	REVISED FUEL BALANCING IN ABNORMAL PROCEDURES.....	12 07 07

SA227-DC WITH C663 MCCAULEY PROPELLERS FLIGHT MANUAL 16,500 LB (8DC)
[PNs: PAPER 27-10054-143 / ELECTRONIC 27-10054-224: INCLUDES ALL CC/DC AFMs]

DATED 08 09 96

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	REVISED SECTIONS 0, 1 AND 4.....	11 20 96
02	REVISED SECTIONS 0 AND 4.....	03 14 97
03	REVISED SECTIONS 0, 1, 2, 3, 3A, AND 4E.....	05 11 99
04	REVISED SECTIONS 0 AND 2.....	11 26 99
05	REVISED SECTIONS 0, 2, AND 3.....	02 29 00
06	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
07	ADDED FUEL BALANCING TO SECTIONS 1 AND 3A.....	12 07 07
08	REVISED SECTIONS 0 AND 3.....	12 09 14
09	REVISED SECTION III ANNUNCIATOR PANEL LIGHT REFERENCES AND L/R LOW OIL PRESSURE WARNING LIGHT ON PROCEDURE.....	07 27 20

SA227-DC WITH C663 MCCAULEY PROPELLERS FLIGHT MANUAL 16,500 LB SECTION 5

DATED 08 09 96

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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SA227-DC WITH C663 MCCAULEY PROPELLERS FLIGHT MANUAL 16,500 LB SECTION 6

DATED 08 09 96

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	REVISED DATA	11 20 96
02	REVISED DATA	05 11 99
03	REVISED DATA	11 26 99
04	ADDED ALTERNATE RUDDER GUST LOCK.....	11 06 03

SA227-DC WITH C663 MCCAULEY PROPELLERS FLIGHT MANUAL 16,500 LB SUPPLEMENTS

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
SUP 01	TAKEOFF WITH SRL OFF/INOPERATIVE.....	08 09 96
SUP 02	MINIMUM CAWI FLUID QUANTITY FOR SINGLE ENGINE TAKEOFF WITH CONTINUOUS ALCOHOL - WATER INJECTION	08 09 96
REV 01	DELETED NOTE 12 REGARDING WHITE RADIAL LINES FROM FIGURE 3 ON PAGE 7	08 10 20
SUP 03	TABULAR FIELD LENGTH DATA FOR USE WITH ANTI-SKID/POWER BRAKE SYSTEM.....	10 23 96
SUP 04	AIRCRAFT BRAKING SYSTEMS (ABS) DUAL ROTOR MANUAL BRAKE SYSTEM	10 23 96
REV 01	ADDED AND REVISED DATA ON PAGES 2 AND 12.....	03 14 97
UN	VAPOR CYCLE AIR CONDITIONING SYSTEM (IF INSTALLED IAW FAIRCHILD AIRCRAFT DRAWING NUMBER 27-84300 OR 27K84300).....	07 09 92
REV 01	ADDED MAXIMUM WEIGHTS AND CORRECTED BAGGAGE COMPARTMENT LOADS	11 05 92
REV 02	CHANGED AFT BAGGAGE COMPARTMENT LOAD	06 14 93
REV 03	CORRECTED CIRCUIT BREAKER INFO, EDITORIAL ERROR AND ADDED EQUIPMENT LIST TO SECTION 5	03 29 94
REV 04	ADDED PLACARD.....	04 27 94
UN	ALLIED SIGNAL AEROSPACE MK-VI GROUND PROXIMITY WARNING SYSTEM (GPWS) (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING NUMBER 27-88105)..... (R)	05 07 96
UN	BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (IF INSTALLED PER FAIRCHILD AIRCRAFT DRAWING 27-88107, SB 226-23-002, SB 227-23-004, OR SB CC7-23-002).....	04 13 94



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<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
UN	IMPROVED VAPOR CYCLE AIR CONDITIONING SYSTEM	05 04 95
REV 01	CHANGED NOTE ON PAGE 4	06 28 95
REV 02	ADDED PLACARD WHEN ALTITUDE SWITCH IS REMOVED AND CHANGED INFORMATION ABOUT ALTITUDE SWITCH.....	07 15 96
UN	BENDIX/KING CAS 66A TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM WITH CP 66B CONTROL PANEL.....	10 29 96
UN	AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS) DUAL MODE S TRANSPONDER AND TCAS SYSTEMS AS INSTALLED PER M7 AEROSPACE SB CC7-34-008	(R) 08 04 05
UN	PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009	03 05 08

SA227-DC WITH C663 MCCAULEY PROPELLERS PILOT'S FLIGHT CHECKLIST (8DC)

DATED 08 09 96

[PNs: PAPER 27-10054-145 / ELECTRONIC 27-10054-224: INCLUDES ALL CC/DC AFMs]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	REVISED SECTIONS i, N, E, AND AB	05 11 99
02	REVISED SECTIONS i, N, AND E.....	02 29 00
03	ADDED PNEUMATIC DEICING BOOTS SYSTEM INFO TO COMPLY WITH AD 2000-06-04	06 02 00
04	ADDED FUEL BALANCING TO ABNORMAL PROCEDURES.....	12 07 07

SA227 SERIES COMMUTER CATEGORY AIRFRAME AIRWORTHINESS LIMITATIONS

MANUAL ST-UN-M003

INITIAL ISSUE 12 06 91

[PNs: PAPER 27-10054-109: INCLUDED WITH 27-10054-135, 27-10054-139 AND 27-10054-213 / ELECTRONIC 27-10054-227, INSPECTION MANUAL SET: INCLUDES ST-UN-M003, SUPPLEMENTAL INSPECTION DOCUMENT, LETTER CHECK AND PHASE INSPECTION]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
11	REVISED PAGES i, iv, 3, 11, 12, AND 14-60.....	04 25 12
TR-001	CLARIFIED DOOR LATCH INSPECTION REQUIREMENTS. INCLUDED ALL POTENTIALLY INSTALLED LATCH ASSEMBLY PART NUMBERS.....	11 17 14
TR-004	UPDATES SUPPLEMENT A, SYSTEM INSPECTIONS AND LIFE LIMITS	04 04 18

SA226/SA227 SERIES SUPPLEMENTAL INSPECTION DOCUMENT (SID)

INITIAL ISSUE 09 27 99

[PNs: PAPER 27-10054-213: INCLUDED WITH 27-10054-109, 27-10054-135, AND 27-10054-139. / ELECTRONIC 27-10054-227, INSPECTION MANUAL SET: INCLUDES ST-UN-M003, SUPPLEMENTAL INSPECTION DOCUMENT, LETTER CHECK, AND PHASE INSPECTION]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
F	REVISED DATA	05 01 12
TR-002	APPENDIX C, PG 9 OF 14.....	05 18 15

SA226/SA227 FIELD MAINTENANCE PROCEDURES (FMP) 57-011 EDDY-CURRENT INSPECTION PROCEDURES. B.L. 9 (INCLUDED IN SUPPLEMENTAL INSPECTION DOCUMENT (SID)

INITIAL ISSUE 09 06 96

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
02	REVISED DATA	08 12 04
TR-002	APPENDIX C, PG 9 OF 14.....	05 18 15

TECHNICAL PUBLICATIONS INDEX**METRO 23 SERIES SERVICING & RECOVERY MANUAL****INITIAL ISSUE 12 16 91****[PNs: PAPER 27-10054-131 / INCLUDED ON ELECTRONIC 27-10054-224]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
02	REVISED DATA AND MADE EDITORIAL CORRECTIONS	09 12 97

SA227 SERIES COMMUTER CATEGORY MAINTENANCE MANUAL**INITIAL ISSUE 10 01 91****[PNs: PAPER 27-10054-133; INCLUDES 27-10054-107 / ELECTRONIC 27-10054-134; INCLUDES 27-10054-078 AND 27-10054-108]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
65	REVISED TITLE AND REVISION PAGES, LIST OF EFFEC. PAGES, LTR. OF TRANSMITTAL	10 10 25
	CHANGED RUDDER BELLCRANK ATTACHMENT INSTRUCTIONS.....	10 10 25
	UPDATED INSTRUCTIONS FOR PASSENGER DOOR INSTALLATION.....	10 10 25
	CORRECTED ENGINE POWER LEVER CABLE RIGGING STEPS.....	10 10 25

SA227 SERIES COMMUTER CATEGORY INSTRUCTIONS FOR**CONTINUED AIRWORTHINESS.....****INITIAL ISSUE 12 31 91****[PNs: PAPER 27-10054-107; INCLUDED WITH PN 27-10054-133 / INCLUDED ON ELECTRONIC 27-10054-134]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
01	REVISED SECTION 4.1.1 AND ADD LOG OF REVISION PAGE	(R) 11 10 92

SA227 SERIES COMMUTER CATEGORY ILLUSTRATED PARTS CATALOG**INITIAL ISSUE 10 01 91****[PNs: PAPER 27-10054-141 / ELECTRONIC 27-10054-142]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
60	UPDATED ALPHA AND NUMERIC INDEXES	08.01.25
	ADDED FLAP HINGE BOLT PN	08.01.25
	CORRECTED NUT PN	08 01.25
	ADDED MISSING PN's to ALPHA AND NUMERIC INDEXES	08 01.25

SA227 SERIES COMMUTER CATEGORY STRUCTURAL REPAIR MANUAL**INITIAL ISSUE 12 01 91****[PNs: PAPER 27-10054-127 / ELECTRONIC 27-10054-128]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
19	REVISED CHAPTERS 51, 53, AND 57	08 25 15
TR54-10	REVISED CHAPTER 54 LIST OF EFFECTIVE PAGES.....	07 14 16
TR54-26	54-90-10, PGS 1, 39-42	03 25 19
TR57-25	57-90-55, PGS 1-6	04 02 19
TR53-27	53-90-10, PGS 37-46	08 26 19
TR51-28	51-30-02, PGS 2 AND 4	01 29 21

SA227 SERIES COMMUTER CATEGORY WIRING MANUAL**INITIAL ISSUE 10 01 91****[PNs: PAPER 27-10054-125; INCLUDES 27-10054-189 / ELECTRONIC 27-10054-126; INCLUDES 27-10054-190]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
32	REVISED FRONT MATTER AND CHAPTER 20	02 26 20

SA227 SERIES COMMUTER CATEGORY ELECTRICAL EQUIPMENT LIST**INITIAL ISSUE 08 25 00****[PNs: PAPER 27-10054-189; INCLUDED WITH 27-10054-125 / ELECTRONIC 27-10054-190; INCLUDED ON 27- 10054-126]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
12	REVISED FRONT MATTER AND SECTIONS A CODE, H/HA/HT, K, L, M, P, AND S	02 26 20



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SA226/227 SERIES ILLUSTRATED TOOL AND EQUIPMENT MANUAL **REISSUE 11 01 00**
[PNs: PAPER 27-10054-077 / ELECTRONIC 27-10054-078: INCLUDED ON 27-10054-134]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
05	REVISED TABLE OF CONTENTS AND ADDED PAGES 95 THRU 98.....	01 29 15

SA227 SERIES COMMUTER CATEGORY LETTER CHECK INSPECTION PROGRAM **INITIAL ISSUE 10 01 91**
[PNs: PAPER 27-10054-139: INCLUDES 27-10054-109 / ELECTRONIC 27-10054-227. INSPECTION MANUAL SET:
INCLUDES ST-UN-M003. LETTER CHECK AND PHASE INSPECTION]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
A	COMPLETE REISSUE REPLACES REV 17 AND INCORPORATES TRB-04, CHANGES DETAILED IN REISSUE A LETTER OF TRANSMITTAL	04 15 21
C-01	TEMPORARY REVISION CORRECTING TRANSPOSED NUMBERS AS NOTED ON PAGE C-13 ...	04 22 24

SA227 SERIES CC/DC PHASE INSPECTION PROGRAM (6 PHASE PROCEDURES) **REISSUE 09 15 93**
[PNs: PAPER 27-10054-135: INCLUDES 27-10054-109 / ELECTRONIC 27-10054-227. INSPECTION MANUAL
SET: INCLUDES ST-UN-M003. LETTER CHECK AND PHASE INSPECTION]

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
21	REPLACES REV 20, iNCLUDES NEW TITLE PAGE, ONTIC LOGO AND LANGUAGE.....	11 07 24
	CHANGES DETAILED IN REVISION 21 LETTER OF TRANSMITTAL.....	11 07 24

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SA227 SERIES COMMUTER CATEGORY SERVICE BULLETINS

REISSUE 03 07 16

[SERVICE INFORMATION INCLUDES: BULLETINS, LETTERS, AND NOTES -

PNs: PAPER 27-10054-129 / ELECTRONIC 27-10054-130]

NUMBER	DESCRIPTION	DATE
11-001	MEMORY INDEX MARKER, CIRCUIT BREAKER AND FIXED DIMMER INSTALLATION	02 07 94
21-001	COCKPIT SHIELD INSTALLATION AT LEFT AND RIGHT CIRCUIT BREAKER CONSOLES	12 09 11
21-002	PERFORM PRESSURE TEST OF BLEED AIR HEAT EXCHANGER TUBE ASSEMBLY FORWARD OF THE FIRE WALL	(R) 10 08 15
21-003	MODIFICATION OF UNDERFLOOR CONDITIONED AIR DUCTS	04 22 15
24-001	BATTERY BUS RELAY DIODE REMOVAL	03 10 92
24-002	CURRENT LIMITER PROTECTION	(R) 08 10 99
24-003	NOT ISSUED	
24-004	STARTER GENERATOR BEARING REPLACEMENT	02 22 95
24-005	DC STARTER-GENERATOR QUICK-ATTACH-DETACH (QAD) MOUNTING ADAPTER CHANGE	01 10 96
24-006	IMPROVED PROTECTION FOR GPU AND VAC INVERTER CIRCUITS	(R) 11 12 97
24-007	NOT ISSUED	
24-008	NOT ISSUED	
24-009	CONCORDE, SEALED LEAD-ACID BATTERIES	01 31 07
24-010	INSPECTION OF ELECTRICAL WIRES/COMPONENTS, HYDRAULIC AND BLEED AIR TUBE ASSEMBLIES AT LH/RH INBOARD WING LEADING EDGE/BATTERY BOX AREAS, LH/RH WING STATIONS 51.167 TO 81.174 AND AT ALL FEED THROUGH LOCATIONS INTO THE LH/RH, INBOARD KEELSON	(R) 11 21 08
24-011	GROUNDING JACKS INSTALLATION	07 30 08
24-012	BUS TIE SWITCH INSPECTION AND/OR REPLACEMENT	(R) 12 05 11
24-013	WINDSHIELD HEAT CIRCUIT BREAKER MODIFICATION	05 16 11
25-001	NOT ISSUED	
25-002	C-26B WORK STATION SEATING	06 29 93
26-001	TURBINE FAIL THERMOSTAT MODIFICATION	06 17 11
26-002	PERFORM DETAIL VISUAL INSPECTION (DVI) OF ALL INSTALLED FENWAL OVERHEAT DETECTORS IN WHEEL WELLS AND ENGINE COMPARTMENTS	09 26 14
27-001	NOT ISSUED	
27-002	IMPROVED FLAP POSITION AND SAS COMPENSATOR POTENTIOMETER (POTS)	02 18 95
27-003	RUDDER BELLCRANK HINGE ASSEMBLY REWORK	05 19 94
27-004	INCREASED SERVICE LIFE OF 27-42030 RUDDER BELLCRANK	(R) 01 05 96
27-005	RUDDER TORQUE TUBE DRAIN HOLE	05 22 95
27-006	RUDDER CONTROL LOCK WELDMENT AND BELLCRANK INSPECTION - OPTIONAL IMPROVED STRENGTH RUDDER TORQUE TUBE, CONTROL LOCK WELDMENT AND ALUMINUM BELLCRANK INSTALLATION	08 09 95
27-007	NOT ISSUED	
27-008	RUDDER TRIM TAB ACTUATOR DECAL	09 08 95
27-009	REWORK OF UP/DOWN ELEVATOR QUADRANT STOPS AND LH/RH RUDDER BELLCRANK STOPS	05 15 96
27-010	CONTROL COLUMN ROLLER BEARING AND ELEVATOR ROD END BEARING INSPECTION/REPLACEMENT	(R) 12 05 14
27-011	CONTROL COLUMN PIVOT IMPROVEMENT	06 16 97
27-012	FLAP POSITION INDICATION/CONTROL CIRCUIT MODIFICATION	07 18 97
27-013	INSTALLATION OF SIMMONDS PRECISION PN DL5040M8 PITCH TRIM ACTUATOR (PTA)	(R) 01 30 03
27-014	INSTALLATION OF SIMMONDS PRECISION PN DL5040M5 AND/OR DL5040M6 PITCH TRIM ACTUATOR	11 18 98
27-015	INSTALLATION OF BARBER-COLMAN PN 27-19008-006/-007 PITCH TRIM ACTUATOR	(R) 03 23 99
27-016	LIFE LIMIT FOR RUDDER GUST LOCK ASSEMBLY, PART NUMBER 27-70066-001, OF 5000 HOURS	09 29 03
27-017	INSPECT 26-72003 RUDDER PEDALS FOR CRACKS	(R) 03 07 25
27-018	MODIFICATION OF VERTICAL STABILIZER AFT SPAR TO FACILITATE INSTALLATION OF NEW PN 27-19332-003 RUDDER TRIM TAB ACTUATOR	(R) 03 19 10
27-019	NOT ISSUED	
27-020	NOT ISSUED	

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27-022	NOT ISSUED	
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27-024	INSPECTION AND REPAIR / REPLACEMENT OF PITCH TRIM ACTUATOR FUSELAGE FITTINGS.....	(R) 10 14 11
27-025	SAS POWER ADVANCE INDICATOR LIGHTS MODIFICATION.....	05 17 11
27-026	INSPECTION AND LUBRICATION OF THE AILERON CONTROL CABLE CHAIN IN THE PILOT'S AND COPILOT'S CONTROL COLUMNS.....	(R) 10 23 13
27-027	INSPECTION/REPLACEMENT OF THE AILERON CONTROL SYSTEM ROD END BEARINGS.....	09 04 14
27-028	INSPECTION OF THE AILERON CONTROL LINK ROD, BELLCRANK, AND AILERON HINGE BRACKET FOR DAMAGE.....	09 04 14
27-029	INSPECTION/REPAIR OF WIRING HARNESSES IN VERTICAL STABILIZER.....	08 18 14
27-030	INSPECTION OF COCKPIT CONTROL COLUMN HORIZONTAL TUBE FOR CRACKS.....	10 08 15
27-031	INSPECTION OF RUDDER BELLCRANK.....	(R) 10 12 15
27-032	INSPECTION OF THE ELEVATOR CONTROL SYSTEM ROD END BEARINGS.....	(R) 02 23 16
27-033	PITCH TRIM ACTUATOR UPPER ATTACH FITTINGS INSPECTION.....	(R) 04 29 19
27-034	ELEVATOR QUADRANT BEARING AND BORE INSPECTION.....	11 28 16
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27-038	INSPECTION OF PITCH TRIM ACTUATORS.....	(R) 11 08 24
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32-009	INSPECTION/REPLACEMENT FOR POSSIBLE CRACKS ON PN 27-51544-001 (16/16.5) MAIN LANDING GEAR, UPPER TORQUE LINK ASSEMBLY (MACHINED PART).....	03 24 98
32-010	NOT ISSUED	
32-011	INSPECTION/REWORK FOR CRACKS ON MAIN LANDING GEAR (MLG) DRAG BRACE, DRAG LINKS.....	(R) 11 06 00
32-012	INSPECTION/REPLACEMENT OF MAIN LANDING GEAR (MLG) TORQUE LINK SHAFT PN 27-51540-003.....	(R) 05 28 02
32-013	INSPECTION/REPLACEMENT OF EXISTING ROD, CLEVIS (LOWER END) AND CLEVIS PIN, WHICH BUILD UP, PN 26-72018/32-72006 BRAKE PEDAL PUSH ROD ASSEMBLY.....	05 28 02
32-014	ONE TIME INSPECTION OF THE NLG STEERING TEST SWITCH SOLDER TERMINALS.....	09 12 08
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32-016	IMPROVEMENT OF POWER LEVER MOUNTED NOSE WHEEL STEERING SWITCH.....	04 13 09
32-017	NOSE WHEEL STEERING PARK SWITCH MODIFICATION.....	(R) 06 29 09
32-018	INSTALLATION OF CAUTION PLACARD ON NOSE WHEEL STEERING ACTUATOR.....	08 19 09
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34-001	NOT ISSUED	
34-002	NOT ISSUED	
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34-004	NOT ISSUED	
34-005	PITOT/STATIC SYSTEM PLUMBING MODIFICATION.....	(R) 05 16 14
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55-001	VERTICAL STABILIZER ACCESS PANEL INSTALLATION	04 20 16
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56-001	NOT ISSUED	
56-002	NOT ISSUED	
56-003	NOT ISSUED	
56-004	WINDOW SHADE REPLACEMENT INSTALLATION.....	03 27 96
56-005	DUAL PANE COCKPIT SIDE WINDOW DESICCANT FILTER INSTALLATION	04 25 97
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56-011	INSPECT COCKPIT WINDSHIELDS AND SIDE WINDOWS FOR FASTENER/NUT SECURITY	(R) 02 26 15
57-001	INSPECT, MODIFY/REPAIR LOWER WING SKIN AT WING STATION (WS) 113.....	06 22 93
57-002	MODIFICATION/REPAIR OF UPPER WING SKIN	(R) 07 01 93
57-003	NOT ISSUED	
57-004	INCREASED CORROSION CONTROL FOR AFT SPAR, AT LOWER FORWARD AND AFT STEEL ANGLES	(R) 02 24 04
57-005	WING EXTENSION TRIM TAB INSTALLATION	08 21 09
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57-007	NOT ISSUED	
57-008	CANCELLED	
57-009	INSPECTION OF MAIN SPAR LOWER CAP, BL 0.0 TO BL 3.0	(R) 08 06 19
61-001	REDUCE PROPELLER START LOCK AND FEATHER ANGLE	01 15 93
61-002	INSTALLATION OF DEICER EROSION TAPE ON MCCAULEY PROPELLERS	10 04 95
71-001	INSPECTION AND MODIFICATION OF UPPER ENGINE TRUSS TO FIREWALL ATTACH FITTINGS AND UPPER ENGINE SHOCK MOUNT AT UPPER ENGINE MOUNT LUG	(R) 05 26 10
71-002	RESERVE POWER SYSTEM.....	05 24 07
76-001	POSITIVE SAFETY OF POWER CONTROL CABLE TO LEVER ATTACH POINT CLEVIS, AND INSPECTION FOR SECURITY OF ATTACHING HARDWARE OF POWER CONTROL CABLE TO PN 26-21505 BRACKET	01 06 95
76-002	POSITIVE SAFETY OF ATTACHING HARDWARE FOR ENGINE POWER/RPM CONTROL CABLE HOUSINGS TO PEDESTAL BRACKET PN 26-21505	(R) 03 13 96
76-003	INSPECT POWER LEVERS IN PEDESTAL FOR CRACKING AND/OR EXCESSIVE WEAR	(R) 11 01 18
76-004	REPLACE/REWORK PROPELLER PITCH CONTROL (PPC) ASSEMBLIES PER HONEYWELL SERVICE BULLETIN TPE331-72-2190	03 17 15
76-005	REPLACEMENT ENGINE CONTROL CABLES (FLEXIBLE SLIDING ELEMENT)	04 26 19
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78-001	IMPROVED ENGINE EXHAUST DUCT GASKET.....	05 29 92
80-001	TEMPERATURE LIMITER CIRCUIT	09 07 93
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SA227 SERIES COMMUTER CATEGORY SERVICE LETTERS

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[SERVICE INFORMATION INCLUDES: BULLETINS, LETTERS, AND NOTES -

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003	ADD LUMBAR SUPPORT TO 27-19308 CABIN SEAT WITH THE COMPLIANCE OF (PTC SERVICE BULLETIN 25-1230)	10 23 92
004	RELOCATE WIRE NUMBER 206052-10.....	02 03 93
005	ARM REST RELEASE BUTTON	01 15 93
006	CARGO DOOR GAS SPRING ATTACH POINT (FUSELAGE FRAME)	05 12 93
007	27-62085-043 BRACKET	08 30 93
008	ENLARGE WING AFT BELLY SKIN ACCESS DOOR DRAIN HOLES.....	08 18 93
009	LOW FUEL FLOAT SWITCH SPLICE REPLACEMENT	10 07 93
010	REPLACEMENT OF J416-8SS-5 OR MS24593-8 BLEED AIR CHECK VALVE	10 26 93
011	RESCINDED (NOT APPLICABLE TO COMMUTER CATEGORY AIRPLANES)	(R) 01 09 95
012	RETURN PORT, NOSE WHEEL STEERING ACTUATOR	11 08 93
013	REPLACEMENT OF ENGINE OIL INSPECTION DOOR CAMLOCK STUDS	01 27 94
014	ABSC 5007397-1 WHEEL INSTALLATION	08 23 94
015	DEICER BOOT MOISTURE REMOVAL	11 23 94
016	NOT ISSUED	
017	NOT ISSUED	
018	STARTER/GENERATOR BEARING REPLACEMENT	12 23 94
019	FAR 121.310(g) EXTERIOR EXIT MARKINGS	01 29 97
020	FAR 121.310(h) EXTERIOR ESCAPE ROUTE	02 21 97
021	BARBER COLMAN PITCH TRIM ACTUATOR - PERFORM ADJUSTMENT - MECHANICAL/ ELECTRICAL STOPS FUNCTIONAL CHECK AND NO-BACK FUNCTIONAL CHECK	(R) 02 01 99
022	PILOT SEAT BACK POCKET INTERFERES WITH JUNCTION BOX	04 02 98
023	BARBER COLMAN PITCH TRIM ACTUATOR - AIRSPEED LIMITATION	(R) 09 02 98
024	INSPECTION OF PITCH TRIM ACTUATOR FOR CORRECT INSTALLATION AND FREEDOM OF OPERATION.....	09 09 98
025	INSPECTION/REPLACEMENT OF (31 PSI) PNEUMATIC PRESSURE REGULATOR FOR INCORRECT INLET/OUTLET PORT ORIENTATION	11 24 98
026	LIFE PRESERVER WITH LOCATOR LIGHT FOR FAR, PART 121.2 AND 121.340 REQUIREMENT.....	12 04 98
027	REPLACEMENT CLEVIS FOR BRAKE PEDAL PUSH ROD ASSEMBLY	(R) 07 06 11
028	DL5040M8 PITCH TRIM ACTUATOR FREEPLAY MEASUREMENT	08 12 99
029	OVERHAUL TIME LIMIT FOR PN 27-81009 HYDRAULIC POWER PACK	(R) 11 03 99
030	BF GOODRICH PN 74-451-AC EROSION REPAIR KIT, FOR WING AND TAIL DE-ICE BOOTS.....	08 25 99
031	INSPECTION/REPLACEMENT/PROTECTION OF FUEL BOOST PUMP WIRE HARNESS FOR CHAFFING CONDITION, FAA APPROVED	(R) 09 25 00
032	NOT ISSUED	
033	INSPECTION OF PRIMARY FLIGHT CONTROL CABLE TERMINALS FOR CRACKS/PITTING CORROSION.....	05 29 01
034	INSPECT CARGO DOOR, FORE AND AFT, CLICK-CLACK BUSHING RECEPTACLE, PN 27-20063-007 (AIRFRAME SIDE), FOR CRACKS	(R) 04 04 16
035	INSPECTION OF MAIN LANDING GEAR (MLG) TRUNNION BUSHING, PN 27-51009, ATTACHING HARDWARE FOR LOOSENESS	03 27 03
036	INSPECT FOR POSSIBLE CRACKS IN LH/RH FUSELAGE STATION (F.S.) 272 AND 276 FOR FORWARD SPAR, F.S. 308 AND 311 FOR AFT SPAR ON CC/DC MODEL AIRPLANES, LOWER BELT FRAMES AND NESTED CHANNELS AT LH/RH STRINGER 10A FEEDTHROUGH ...	06 10 03
037	INSPECTION OF AFT SPAR, AT LOWER AFT STEEL ANGLE FOR CORROSION	06 10 03
038	INSPECT FOR CRACKS AND/OR BULGES OF LEFT HAND/RIGHT HAND, INBOARD/OUTBOARD, KEELSON WEB SKIN AT NACELLE STATION (N.S.) 141.69.....	06 10 03
039	ONE TIME INSPECTION OF UPPER, PITCH TRIM ACTUATOR (PTA) ATTACH FITTING HARDWARE AND BUSHINGS FOR CORRECT INSTALLATION AND SUBSEQUENT INSPECTION FOR CRACKS.....	(R) 02 10 200

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041	SPECIAL INSPECTION OF FUSELAGE DRAINS AND INSTALLATION OF ADDITIONAL FUSELAGE DRAINS IN ACCORDANCE WITH M7 ENGINEERING DRAWING, 27K22001	(R) 01 26 05
042	NOT ISSUED	
043	FUEL LEAK CLICK-PATCH REPAIR	03 20 06
044	USE OF THE NAME FAIRCHILD OR M7 AEROSPACE LP	02 20 07
045	INSPECTION/REPLACEMENT OF FLIGHT CONTROL CABLE PULLEY GUARD PIN	(R) 01 30 14
046	INSPECTION OF UPPER AND LOWER ENGINE MOUNT ATTACH FITTING BOLTS FOR CORRECT TORQUE	11 14 08
047	NOT ISSUED	
048	COCKPIT HEATED WINDSHIELD (PN 26-21126 AND 27-19442) DAMAGE REPORT	(R) 08 31 12
049	CANCELLED	08 23 13
050	APPH SOLENOID VALVES AND HYDRAULIC POWER PACKS ALERT	(R) 10 08 12
051	DEFECTIVE STANDARD HARDWARE - MS21042 SELF-LOCKING NUTS	08 03 12
052	NOT ISSUED	
053	INSPECT AILERON SPAR OUTBOARD FITTINGS FOR CRACKING	09 19 14
054	INSPECT AND REPLACE 27-51000-031 LANDING GEAR ACTUATOR BOLTS	08 13 13
055	INSPECT HONEYWELL PN 894568-1/-2 FUEL LINE FOR DAMAGE	(R) 12 12 13
056	INSPECTION/REPLACEMENT OF 27-51042-177 SHEAR BOLT INSTALLED ON THE MAIN LANDING GEAR DOOR LINKAGE	03 07 14
057	RECOMMEND REPLACE/REWORK PROPELLER PITCH CONTROL (PPC) ASSEMBLIES PER HONEYWELL SERVICE BULLETIN TPE331-72-2190	02 11 14
058	INSPECT HONEYWELL PN 894382-2/-5 ANTI-ICE TUBE FOR CRACKING AND DAMAGE	09 19 14
059	INSPECT/REPLACE 27-52000-141 NOSE LANDING GEAR ACTUATOR BELLCRANK PINS	08 31 15
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062	ROUTING MODIFICATIONS AFFECTING CONTROL CABLE LIFE	02 14 18
063	AIRPLANE TOWING PLACARDS	02 12 18
064	WINDSHIELD POST/LOWER SILL CORROSION	08 14 18
065	UNAPPROVED BCP4W10/BCP5W11 BEARING VENDOR PART	08 06 19
066	ALTERNATE POLYURETHANE ANTENNA GASKET	03 20 19
067	FORWARD PRESSURE BULKHEAD INSPECTION FOR MISSING RIVETS AND CRACKS AROUND EXISTING RIVETS AT WL 97.12, LBL / RBL 3.0	07 16 20
068	SUPERSEDED BY SERVICE LETTER CC7-SL-072	
069	ELEVATOR QUADRANT ASSEMBLY	03 08 23
070	CHANGE OF NAME OF DESIGN APPROVAL HOLDER	10 27 23
071	MAIN LANDING GEAR PLACARD RELOCATION	07 31 24
072	POTENTIAL 5G INTERFERENCE OF RADIO ALTIMETERS ON AIRPLANES	07 07 25



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SA227 SERIES COMMUTER CATEGORY SERVICE NOTES

REISSUE 03 07 16

[SERVICE INFORMATION INCLUDES: BULLETINS, LETTERS, AND NOTES -

PNs: PAPER 27-10054-129 / ELECTRONIC 27-10054-130]

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004	ACOUSTIC WINDOW PANE REMOVAL	01 25 93
005	EROSION PREVENTION FOR AERODYNAMIC FEATURES, AND ABRASION PROTECTION AT CERTAIN CHAFING POINTS	(R) 12 19 97
006	SOLID STATE FLIGHT DATA RECORDER	09 23 93
007	OPERATIONAL LIMITATION FOR VAPOR CYCLE AIR CONDITIONING SYSTEM	01 27 94
008	FUEL FLOW TRANSMITTER WIRING	02 25 94
009	LANDING GEAR POSITION AND WARNING SWITCHES	02 25 94
010	BATTERY BOX HYDRAULIC LINE CLEAR TUBING (PN 3028) REMOVAL	07 05 94
011	PAINTED WINGS	(R) 05 13 08
012	CHAFING, RUDDER CONTROL RODS	10 31 94
013	BATTERY AND STARTER/GENERATOR GROUND BONDING	(R) 08 16 99
014	INSPECTION OF WIRES 228018H-20 AND 228087-22 FOR CHAFING CONDITION	06 01 98
015	FUEL LEAK CLICK-PATCH REPAIR	05 11 12
016	POSSIBLE INFLATION DEVICE FAILURE ON SAFRAN LIFERAFTS	10 27 23



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KIT DRAWING INDEX

GENERAL:

This index is provided to list Kit Drawings available and applicable for field use. Some Kit Drawings which are not applicable, or are proprietary information will not be listed and are not available for field use.

The following kits or modifications are available for sale only through Ontic Spares Sales:

- Canadian Certification
- French Certification
- Italian Certification
- 13,900 Maximum Zero Fuel Weight
- 16,000 Pound Gross Weight Mod
- Cargo Net Installation
- Bulkhead Installation, Cargo Area

To purchase Kit Drawings, contact Ontic Spares Sales. A short description is included to help you determine if the kit may be useful for your operation.

Since most kits were developed for special purposes or limited effectivity, parts may be in limited quantities or not normally stocked. Notify Spares Sales with sufficient lead time when you plan to order a kit.

<u>NUMBER</u>	<u>DESCRIPTION</u>
26K24000	Cabin Door Step Guard Adds guard to step side channels to prevent fingers/hands getting pinched with door open. Effectivity - 26 T, AT
27K10001	Air Sampling Tube Installation Provides mounting structure for customer supplied air sampler. Effectivity - 226 AT
27K13019	16K AFM (8AC) Allows 14,500 227-AC w/Dowty props currently operating with AFM 4AC or 7AC to operate with AFM 8AC. Effectivity - 227 AC w/Dowty Props only
27K13989	Cargo Net at F.S. 491 Adds cargo net at aft side of cargo door for loose baggage. Effectivity - 227 AC, CC, DC
27K14048	Overspeed Warning Adds aural warning of overspeed approximately 246.4 KIAS or .52 Mach. Effectivity - 227 AC, AT, (required for French certification, but available if this feature is desired.)
27K14055	SAS Disconnect Switch/Relay Adds disconnect switch to Pilot and Copilot control wheels to disconnect the SAS pusher. Effectivity - 226 T, T(B), TC, AT; 227 AC, AT, TT, (required for French certification, but available if this feature is desired.)
27K14063	Pitot Heat Indication Warning Adds PITOT HEAT OFF light to annunciator panel. Effectivity - 227 AC & AT, (required for Italian certification, but available if this feature is desired.)
27K14064	220VAC Receptacle Installs a 220 VAC plug and receptacle to provide quick disconnect for electric heater to pre-heat the cabin. Effectivity - 227



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NUMBER	DESCRIPTION
27K14088	Gravel Guard Installation Installs Gravel Guard Tape to Flaps; Inboard and Outboard of Engine Exhaust Area. Effectivity - 226; 227 AC, AT, TT, BC, CC, DC
27K20002	Landing Gear Control Shield Installs shield on side of pedestal to prevent accidental actuation of the landing gear handle. Effectivity - 226
27K20003	Landing Gear Control Shield Installs shield on front of pedestal to prevent accidental actuation of the landing gear handle. Effectivity - 226
27K20077	Kit-Anti Fogging Panel Instl FWD Escape Hatch Effectivity - SA227 CC, DC
27K20085	Removable Cargo Floor Installs quick removable floor panels across center aisle and a roller system between FS 168 and FS 437. Effectivity - 227 AC, AT, BC, CC, DC - with seat tracks
27K20086	Removable Cargo Floor Installs quick removable floor panels across center aisle and a roller system between FS 159 and FS 437. Effectivity - 226 TC; 227 AC - with pan fittings
27K21000	Nose Gear Door Hinge Bolts Access Door Installation Installs access panels in Nose Wheelwell Keelsons to inspect gear door hinges and hardware. Effectivity - 226 T, T(B), TC, AT
27K21006	Nose Baggage Door Holder Adds a wire rod to hold the nose baggage doors open (IR) Effectivity - 226 & 227 Adds a locking strut to hold the nose baggage doors open (B rev) Effectivity - 227 CC, DC
27K22001	Additional Fuselage Drains Adds drains to fuselage under floorboards to improve water drain in susceptible areas. Effectivity - 226 & 227
27K22005	Cabin Window Cover Adds single piece outer metal cover replacing retainer. Referenced in AD 90-14-01. NOTE this does not delete window inspections required by AD 93-19-06. Effectivity - 226 TC, AT; 227 AC, AT, BC, CC, DC
27K22006	Cabin Laminated Window Installation Retrofits laminated cabin window to airplanes with stretched acrylic panes. Effectivity - 226 TC-213 & up, AT-025, 027 & up; 227 AC, AT, BC, CC, DC
27K22008	Access Panel Installation Installs Access Panels at specific locations on the Upper Fuselage Skin forward of Pilot's and Co-Pilots Windshields. Effectivity - 226; 227 AC, AT, TT, BC, CC, DC
27K23013	Kit-Outflow Valve Mtg Plate Instl and Details Effectivity - 227 AC, AT, TT, BC, CC, DC



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NUMBER	DESCRIPTION
27K24009	Passenger Door Improvement Adds angles and frames to lower door structure (top step). Replaces outer skin and rivets to increase the service life of the door. Also see 27K24151. Effectivity - 226 & 227 w/27-24040 Door only
27K24149	Cargo Door Handle Cover Installation Installs a cover over the Cargo Door Handle to keep inquisitive passengers in lavatory from accidentally opening the door. Effectivity - 227 AC, BC, CC, DC with lavatory
27K24151	Passenger Door Hinge Area Reinforcement Beefs-up frames of lower door (top step), use with 27K24009. Effectivity - 226 & 227
27K24180	Cabin Door Seal Purge Installation Installs a low point fitting to trap and drain, or purge, moisture from inside the cabin door seal. {Works well} Effectivity - 226 & 227
27K24181	Cargo Door Wear Strip Installation Installs a stainless steel wear strip on the cargo door sill. Installs an aluminum strip (bumper) on the fuselage just below the door. Prevents damage during loading and unloading. {Works well} Effectivity - 226 TC, AT, 227, AC, AC
27K24182	Cabin Door Hinge Reinforcement Installs doublers on cabin door and fuselage to reinforce the area. Also installs stainless steel hinge half on fuselage. Effectivity - 226 & 227
27K24191	Door Surround Repair Doubler Installation Installs repair doubler/tripler to address cracking of the door surround on aircraft with bayonet shear pin door latching mechanism (as opposed to a "click-clack" mechanism). Effectivity - 227 AC, AT, BC, CC, DC
27K24192	Folding Step Installation Installs folding step on lower existing step of cabin door. Makes first step closer to the ground for easier entrance. Effectivity - 227
27K31010	Fuel Filler Protection Plate Installs a doubler around the fuel filler to protect upper wing skin from damage by fueling operations. {Works well} Effectivity - 226 & 227
27K31014	Recognition Light Installation, 226 Installs wing tip recognition light. Effectivity - 226
27K31018	Fuel Containment Barrier Allows removal of the Fuel Foam Block by installing a barrier in the wheelwell. {Works well} Effectivity - 226 & 227
27K33000	Main Spar Web Doubler Installation Provides repair doublers for Main Spar Web. Effectivity - 226, 227 TT, AC, AT, BC, CC, DC



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NUMBER	DESCRIPTION
27K35039	Keelson Reinforcement Installs reinforcing angle on lower keelson at NS 160-168. Strengthens a cutout. Effectivity - 226 T(B); 227 AC, AT, BC, CC, DC
27K35096	GPU Door Modification Adds extension and camlock to fasten GPU Door closed instead of the spring. Effectivity - 226 AT, TC; 227 AC, AT without door relocated
27K36073	Flap Actuator Seal Provides kits to replace seals in Berteau 235700-101 and Ronson 76C76606 actuators. Effectivity - 226 T, TC, AT
27K36076	Flap Abrasion Strip Installation Installs teflon strip on flap to match wing fairing. Prevents flap skin rubs. Effectivity - 226 & 227
27K36077	Foreflap Adjust Provides templates to check foreflap location on flap, and modification to adjust the position. Alleviates foreflap rub in the flap well. Effectivity - 226 & 227
27K43004	Stabilizer Bushing Change Creates tools for replacing Horizontal Stabilizer Trunnion Bushings. Effectivity - All 226 & 227
27K44002	Stick Pusher Servo Modification Moves servo mount bolts and clinch nuts to make servo easier to replace. Effectivity - 227 AC, AT
27K50001	Universal Landing Gear Seal Kit Creates kits with Backup Rings, Packing, Scrapers, GT Ring Assemblies, and Buttons. Effectivity - 226 & 227
27K53001	Landing Gear Shock Strut Wear Bushings Provides limits and repairs for wear points on MLG & NLG, 14,500 pound or lower struts. Effectivity - 226, 227 not 16,000 pound
27K55001	Swivel Assembly - MLG Door Repair installs NAS bushing in 27-55001-033. Effectivity - 27-55001-033 Swivel Assembly only.
27K61003	Control Installation, Power Plant Creates kit part numbers for alternate high quality cost effective engine control cable installations. Effectivity - 226 (except T201-248) & 227 AC, AT, TT, BC, CC, DC
27K62005	Quick Engine Change Kit Creates kit part numbers for several configurations based on 27-62099 Engine Installations only. Effectivity - 227 AC, AT, TT, BC, CC, DC
27K62008	JATO Assy Aft Fuselage Removal Kit Provides procedures to remove JATO installation. Effectivity - 226 AT, TC w/JATO
27K64000	Fuel Low Pressure Warning Installs warning light required for Italian Certification. Effectivity - 227 DC



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NUMBER	DESCRIPTION
27K66005	Oil Dipstick Improvement Adds FULL and ADD lines to improve accuracy of oil level dipstick. Effectivity - 226 T300-417, TC299-419
27K70000	Cable Tighteners Adds spacers and links on Elevator Quadrant and Aileron/Rudder Interconnect to avoid having to replace stretched cables in some cases. Effectivity - 226 & 227
27K80001	Hose Reroute Kit - Hyd "Mule" to A/C Provides 45° angled tubes for hydraulic service cart so hoses will clear lower cowl. Effectivity - 227
27K81026	Seal, Landing Gear Actuator Provides seal kits for Ronson 76C76604 & 76C76605, Bertea 235600-101 & -103 Actuators. Effectivity - 226 & 227
27K82002	Pre Heater Kit - Engines & Nose Baggage Gyros Installs Tanis Heaters on LH and RH engines and Gyros Effectivity - 226 TC, AT; 227 AC, AT, BC, CC, DC
27K82010	Windshield Overheat Monitoring System Installs Windshield Overheat Monitoring System for Windshield P/N 27-19482-001/-002 to prevent windshield overheat. Effectivity - 226 (All), 227 AC, AT, TT, BC, CC, DC
27K82090	Flight Data Recorder - (F1000) Field Installation Installs F1000 Flight Data Recorder Effectivity - 227 AC, AT
27K82186	Landing Gear Indicator w/ Remote PTT & Dim Modifies dimming circuit. For use with replacement 27-82186-67 Gear Indicator. Effectivity - 227 AC, AT, BC, CC, DC, C-26B retrofitting 27-82186-67.
27K82207	Annunciator & Ignition Lamp Dimming Modifies dimming circuit for Ignition Lights and new 27-19347-1 or -3 Ann Panel. Effectivity - 227 AC, AT, BC, CC, DC retrofitting 27-19347 -1 or -3.
27K82208	SAS Power Advance Indicator Lights Modification Instruction for the replacement of SAS Power Advance Lamps in the SAS Indicator Housing. Effectivity - 227 CC, DC
27K82224	Windshield Wiper Kit Wiring & Installation Modifies parking circuit on Control Assembly to keep Wiper Motor and Control Panel from burning out. Effectivity - 227 AC, AT, BC, CC, DC
27K82376	Current Limiter Rebussing See Service Bulletins 226-24-034, 227-24-015, CC7-24-002.
27K82500	Cabin Air Temp Sensor Relocation Relocates cabin air temperature sensor for improved performance Effectivity - T201-275, 277, 278, 280, 281; AT001-061; TC201-231, 233, 234, 236.
27K82795	ELT110 Installation Installs Artex ELT replacing Narco which is getting scarce. Effectivity - 226 AT, TC; 227 AC, AT, BC, CC, DC



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NUMBER	DESCRIPTION
27K82818	Trim-In-Motion Tone Generator Installation Replaces Sonalert horn with a tone generator into audio panels. Trim motion indicated by tone in headsets. Effectivity - ALL SA227
27K82821	Flap Position Indication Separated From Flap Control Circuit See Service Bulletins 227-27-043 or CC7-27-012. Effectivity - 227 AC, AT, BC, CC, DC, C-26B
27K84007	Door Seal - Window Purge Water Removal Replaces door seal air water separator and filter with a drain orifice at the low point in the line. Keeps moisture out of the door seals and saves weight. {Works well} Effectivity - ALL SA227
27K84008	Dual Bleed Control Air Installation Provides two settings for Bleed Air system. Low setting allows more engine power available for takeoff. Effectivity - 227 AC, AT
27K84010	Outflow Valve Filter Installation Moves Outflow Valve Filter to Aft Equipment Shelf for accessibility and adds a StaDri filter for moisture removal. {Works well} Effectivity - 227 AC, AT, BC, CC, DC
27K84015	Suction Gauge Removal Instruction to remove gauge if not required, and cap and stow lines and wiring. Effectivity - 227 CC, DC
27K85015	Anti-Skid/Power Brake System Installs system. Effectivity - 227 AC, BC, CC, DC
27K85019	Parking Brake Cable Retainer Eliminates preloading brake cable by improving alignment with retainer. Effectivity - 227 CC, DC
27K90030	Metro Chair Installs 27K90567 Cabin Chairs to replace 27-91003 Chairs. New style seats in older airplanes. Effectivity - 226 TC; 227 AC
27K90032	Improved Bulkhead Base Installation Modifies Cargo Bulkhead in center of Cargo Compartment by removing lower Fittings on aft side. Provides smooth corner to preclude damage to cargo. Effectivity - 226 TC; 227 AC, AT, BC, CC, DC
27K90033	Improved Cargo Bulkhead Installation Modifies Cargo Bulkhead at FS 435 by removing lower Fittings on aft side. Provides smooth corner to preclude damage to cargo. Effectivity - 226 TC; 227 AC, AT, BC, CC, DC
27K90034	Clipboard Kit - Control Wheel Simple sheet metal clipboard to attach to Control Wheel. Effectivity - 227
27K90035	External Environmental Port Installs external port in RH aft fuselage to connect air conditioning/heating unit. Effectivity - ECP 702



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NUMBER	DESCRIPTION
27K90041	Lav and/or Smoke Detector Mod Installs Smoke Detector in Aft Lavatory. Installs Fire Extinguisher for Trashcan and RETURN TO SEAT sign on Aft Lav Bulkhead. Installs Life Vest/Oxygen and Emergency Hatch Placards on Exit Row Seats. (Required for Canadian Certification, but available if these features are desired.) Effectivity - 227 AC, BC, CC, DC
27K90091	Ladder Retainer Kit Installs swivel fitting on aft side of Cargo Door to attach Ladder. Effectivity - 227 AC, AT, BC, CC, DC w/ladder
27K90113	Oxygen Outlet Installation, Aft Middle Seat Adds an oxygen outlet for a middle seat. Effectivity - 227 AT, BC
27K90288	Shoulder Harness Wear Plate Installs Wear Plate on Crew Seat Back so Shoulder Harness will not wear seat cover. Effectivity - 226 & 227
27K90566	Cabin Chair Repair Installs plug repairs in Seat Back Tubes. Repairs 27-90565-085, -086, -087, -088. Effectivity - 227 AC, AT, BC, CC, DC
27K90571	Executive Seat Installation Modification Modifies standard seat tracks to accept executive seats. Effectivity - 227 CC, DC
27K90572	Ashtray Plug Kit Plugs Ashtray Cup. Modifies Cup when ashtrays are removed from no-smoking airplanes. Effectivity - 227 AC, BC
27K90630	Insulation Installation (FS 0 - 530) Installs improved Microlite insulation which will not absorb moisture. Effectivity - 227 AC, AT, CC, DC, C-26B thru serial number 839
27K90631	Thermal Insulation Installation (FS 530 - 590) Installs improved Microlite insulation which will not absorb moisture. Effectivity - 227 AC, AT, CC, DC, C-26B thru serial number 839
27K90656	Crash Axe Installation Installs axe on FS 133 partition. Effectivity - 227 CC, DC
27K90683	Curtain Installation - Forward Coat Closet Installs curtain assembly on coat closet. Effectivity - 227 CC, DC
27K90686	Crew Seat Armrest Modification Modifies inboard armrest so height matches outboard armrest. Effectivity - All 227 with 27-90290 Crew Seats
27K90881	Cargo Door Sill Protector Installs fold-down stainless cover over sill to protect sill from loading damage and protect receptacles from foreign material. {Works well} Effectivity - 226 TC, AT; 227 AC, AT, BC, CC, DC



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NUMBER	DESCRIPTION
27K91030	Instructions, Seat Back Extensions Instructions for attaching 27-91030-7 and -9 Extensions to 27-91003 METRO Seats. Effectivity - 226 TC; 227 AC w/27-91003 Seats
32K84000	Hot Air Duct Muffler Installation Installs four mufflers in Cabin Air Distribution Tubes to reduce air flow noise. Effectivity - 227 AC, BC
32K84002	Distribution System Installation - Cabin Air Condition Replaces/repairs Cabin Air Tube Assemblies on 32-84300-5 Installation. Replaces metal tubes with hoses to preclude tubes and outlets cracking. Effectivity - 227 AC, BC
32K84308	Conditioned Air Distribution Duct Mod Eliminates distribution of heated conditioned air below floor in center cabin. SA227 - AT, AC, BC, CC and DC (with flat cargo floor in cabin).