



Ontic Engineering and Manufacturing, Inc

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

## FEBRUARY 20, 2026

### METRO / MERLIN AIRCRAFT FLEET



**MERLIN IIA**  
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**MERLIN IIB**  
SA-226AT



**MERLIN III**  
SA226-T



**MERLIN IIIA**  
SA226-TA



**MERLIN IIIB**  
SA226-T(B)



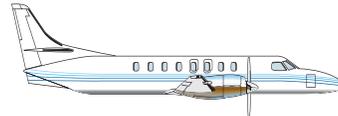
**MERLIN IIIC**  
SA227-TT



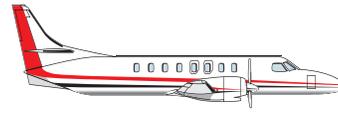
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**MERLIN IV**  
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**MERLIN IVC**  
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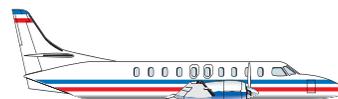
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**METRO**  
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**METRO II, IIA**  
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**METRO III**  
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### LETTER OF TRANSMITTAL

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  
 PN = Part Number SN = Service Note SL = Service Letter SB = Service Bulletin

<b><u>PUBLICATION RELEASES AS OF 02-20-2026 AND ACTIVE SINCE FEBRUARY 2025:</u></b>		
<b>PUBLICATION</b>	<b>REV</b>	<b>REV DATE</b>
SA227 COMMUTER CATEGORY IPC UPDATE RPLC RUDDER PEDAL ASSEMBLY PNs.	R63	02/16/2026
SA227 COMMUTER CATEGORY IPC CHANGES TO HEAT EXCHANGER DE-SWIRL VANE, CLAMP, AND VENT CAWI PNs. CORRECTIONS TO ALPHA AND NUMERIC INDEXES.	R63	02/16/2026
SA227 COMMUTER CATEGORY SN CC7-SN-018 RUDDER PEDAL ARMS INSTALLATION GUIDANCE.	IR	02/04/2026
SA227 COMMUTER CATEGORY SB CC7-27-038R3 PITCH TRIM ACTUATORS.	R3	01/27/2026
SA26 SN 26-SN-063R1 ORION RED AERIAL SIGNALS.	R1	01/26/2026
SA226 SN 226-SN-173R1 ORION RED AERIAL SIGNALS.	R1	01/26/2026
SA227 SN 227-SN-089R1 ORION RED AERIAL SIGNALS.	R1	01/26/2026
SA227 COMMUTER CATEGORY SN CC7-SN-017R1 ORION RED AERIAL SIGNALS.	R1	01/26/2026
SA26 IPC ADDED REPLACEMENT RUDDER PEDAL ASSEMBLY PART NUMBERS (PNs).	R3	11/07/2025
SA226 IPC ADDED REPLACEMENT RUDDER PEDAL ASSEMBLY PNs.	R113	11/07/2025
SA226 IPC CORRECTED WATER SOCK CLAMP PN.	R113	11/07/2025
SA227 IPC ADDED REPLACEMENT RUDDER PEDAL ASSEMBLY PNs.	R162	11/07/2025
SA227 IPC ADDED COTTER PIN PN & CORRECTED PN DISCREPANCY.	R162	11/07/2025
SA227 COMMUTER CATEGORY IPC ADDED RPLC RUDDER PEDAL ASSEMBLY PNs.	R62	11/07/2025

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SA26 SB 26-27-005 RUDDER PEDAL ARMS INSPECTION.	IR	11/07/2025
SA226 SB 226-27-085 RUDDER PEDAL ARMS INSPECTION.	IR	11/07/2025
SA227 SB 227-27-065 RUDDER PEDAL ARMS INSPECTION.	IR	11/07/2025
SA227 COMMUTER CATEGORY SB CC7-27-039 RUDDER PEDAL ARMS INSPECTION.	IR	11/07/2025
SA227 COMMUTER CATEGORY IPC CHANGED CLAMP SIZE PN.	R61	10/24/2025
SA227 COMMUTER CATEGORY IPC ADDED CROSSFLOW PNs.	R61	10/24/2025
SA227 COMMUTER CATEGORY IPC REPLACED INCORRECT FIGURE.	R61	10/24/2025
SA227 COMMUTER CATEGORY IPC UPDATED REAR SPAR SPICE PNs.	R61	10/24/2025
SA227 COMMUTER CATEGORY IPC UPDATED ALPHA AND NUMERIC INDEXES TO INCLUDE MISSING PNs.	R61	10/24/2025
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
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 PNs.	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 PNs.	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

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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 PNs 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
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

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SA226 IPC REPL PN FOR SEALS.	R111	05/02/2025
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SA226 IPC ALT & REPL SPRING REPLACEMENT PNs.	R111	05/02/2025
SA226 IPC ALT & REPL SPRING REPLACEMENT PNs.	R111	05/02/2025
SA226 IPC CORRECT AMPLIFIED BOX ASSY. EFFECTIVITY.	R111	05/02/2025
SA226 IPC ADD STRINGER PNs.	R111	05/02/2025
SA227 COMMUTER CATEGORY IPC FULL REVISION WITH CHANGES TO FRONT MATTER SECTION AND PNs. 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 PNs.	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 PNs.	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 PNs.	R58	04/14/2025
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
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SA227 COMMUTER CATEGORY IPC MLG TIRE AND WHEEL ASSY PN.	R58	04/14/2025

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SA227 COMMUTER CATEGORY IPC NLG TIRE AND WHEEL ASSY PN.	R58	04/14/2025
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
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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
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, PNs, AND CAWI. INCORPORATE TWO TEMPORARY REVISIONS FROM 2024.	R159	02/14/2025
SA227 IPC ADD SPACER PN.	R159	02/14/2025
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SA227 IPC UPDATE MAIN LANDING GEAR STRUT ASSEMBLY PNs.	R159	02/14/2025
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SA227 IPC PASSENGER DOOR, LATCHING MECHANISM. NEW PNs.	R159	02/14/2025
SA227 IPC LATCH ASSEMBLIES, CARGO DOOR. NEW PNs.	R159	02/14/2025
SA227 IPC CORRECT OR REMOVE NACELLE ASSEMBLY PNs.	R159	02/14/2025
SA227 IPC ADD AFT SPAR OUTBD - REAR FACE PN.	R159	02/14/2025
SA227 IPC ELEVATOR INSTALLATION/CONTROL QUADRANT: PNs & ASSEMBLY.	R159	02/14/2025
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SA227 IPC CAWI DISTRIBUTION, ENGINE.	R159	02/14/2025



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

**INITIAL ISSUE 06 12 68**  
**LATEST REVISION 05 14 15**

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<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**MERLIN SA26-AT DASH TWO FLIGHT MANUAL INITIAL ISSUE 06 12 68  
[PN: 27-10054-028B; INCLUDES ALL SA26 DASH TWO AFMs] LATEST REVISION 05 14 15**

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**MERLIN SA26 SERIES MAINTENANCE MANUAL**  
**[PN: 27-10054-027]**

**INITIAL ISSUE 07 15 66**  
**LATEST REVISION 01 06 22**

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**INITIAL ISSUE 07 15 66**  
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**PN: 27-10054-025]**

**INITIAL ISSUE 07 15 66**

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**SA26 SERIES SERVICE LETTERS**

**INITIAL ISSUE 07 15 66**

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PN: 27-10054-025]**

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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	
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21-00-030	REPLACEMENT AIR CONDITIONER MOTOR - LEAR SIEGLER.....	06 10 70
21-00-031	NOT ISSUED	
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21-50-005	MODIFICATION OF FREON SYSTEM.....	08 04 69
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30-40-014	WINDSHIELD CHANGE .....	11 05 69
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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
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53-20-036	NOT ISSUED	
54-30-038	REPLACEMENT OF LOWER COWL INNER PAN .....	(R) 03 06 79



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80-10-040	START CIRCUIT MODIFICATION .....	(R) 03 06 79

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**SA26 SERIES SERVICE NOTES**

**INITIAL ISSUE 07 15 66**

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PN: 27-10054-025]**

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006	MAIN ENTRANCE DOOR SNUBBERS.....	08 27 70
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009	NOT ISSUED .....	00 00 00
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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
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028	NOSE GEAR STEERING PARTS AVAILABILITY .....	00 00 00
029	SERVICE INFORMATION - TPE331 ENGINE.....	00 00 00
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035	REMOVAL OF LANDING GEAR TORQUE TUBE GEAR BOX .....	05 22 72
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043	CLEANING AND LUBRICATION OF LANDING GEAR .....	08 27 73
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045	COMPLIANCE WITH EPA FUEL VENTING REQUIREMENTS .....	11 18 74
046	HARTZELL PROPELLER SERVICE LETTER NO. 90 AND HARTZELL.....	02 12 75
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049	CONVERSION OF PN 38D84 MASS FLOW CONTROL VALVES TO PN F38D84 .....	09 09 75

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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
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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
26-SN-063	SAFETY RECALL OF SKYBLAZER II RED XLT AERIAL SIGNALS MADE BY ORION SAFETY PRODUCTS .....	(R) 01 26 26

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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>
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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>
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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
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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

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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
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**DATED 11 02 79**

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**REISSUE B DATED 05 06 77**

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

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B-18	ADD NOTES TO LANDING GEAR EMERGENCY EXTENSION .....	09 13 84
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B-23	REVISED SECTIONS 2 AND 3.....	09 14 95
B-24	REVISED SECTIONS i, I, II, AND III.....	10 16 97
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B-26	REVISED SECTIONS i AND II.....	02 03 00
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**DATED 05 06 77**

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#### 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]

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<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
02	REVISED DATA .....	08 12 04
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**[PNs: PAPER 27-10054-047 / ELECTRONIC 27-10054-048; INCLUDES 27-10054-078]**

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**[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>
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**[PNs: PAPER 27-10054-189; INCLUDED WITH 27-10054-043 / ELECTRONIC 27-10054-190; INCLUDED ON 27-10054-044]**

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12	REVISED FRONT MATTER AND SECTIONS A CODE, H/HA/HT, K, L, M, P, AND S .....	02 26 20

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**[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

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**[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>
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**[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..... CHANGES DETAILED IN REVISION 19 LETTER OF TRANSMITTAL.....	11 07 24 11 07 24

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**REISSUE 03 07 16**

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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]

REV. NO. DESCRIPTION DATE

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]

Table with 3 columns: REV. NO., DESCRIPTION, DATE. Lists revisions B-01 to B-20 for Metro III SA227-AC flight manual.

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

DATED 04 02 86

Table with 3 columns: REV. NO., DESCRIPTION, DATE. Lists revisions B-01 to B-07 for Metro III SA227-AC flight manual section 5.

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

DATED 04 02 86

Table with 3 columns: REV. NO., DESCRIPTION, DATE. Lists revisions B-01 to B-09 for Metro III SA227-AC flight manual section 6.



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REV B-02	ACCOMMODATED SB227-61-006.....	03 03 89
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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
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SUP B-07	FERRY WITH LANDING GEAR EXTENDED.....	11 20 96
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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
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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
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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
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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
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REV 01	CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0 .....	08 30 00
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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]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
A-01	EDITORIAL CORRECTIONS.....	08 08 89
A-02	ADDED INFORMATION ON ALLOWABLE WEIGHT PLACARDS, CARGO NET PN AND INFO ON ANCR 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**

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



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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
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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
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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
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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



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<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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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]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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



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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 AIRPLANES WITHOUT SEAT TRACKS BUT WITH ADDITIONAL PAN FITTINGS).....	04 18 94
UN	FIVE CARGO NETS.....	04 21 95



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<u>REV. NO.</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	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]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**MERLIN IVC SA227-AT FLIGHT MANUAL 14,500 LB SUPPLEMENTS**

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

**IPNs: PAPER 27-10054-059 / ELECTRONIC 27-10054-220: INCLUDES ALL 227 DOMESTIC AFM'S**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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



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<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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Table with 3 columns: REV. NO., DESCRIPTION, DATE. Contains entries for BENDIX/KING CAS TCAS I TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM, EMERGENCY LOCATOR TRANSMITTER (ELT), CORRECTED SECOND FREQUENCY NUMBER FROM 234.0 TO 243.0, FLIGHT DATA RECORDER, PITOT HEAT WARNING SYSTEM, AVIATION COMMUNICATION AND SURVEILLANCE SYSTEMS (ACSS), and PITOT HEAT INDICATION IF INSTALLED PER M7 AEROSPACE DRAWING 27K14063-009.

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]

Table with 3 columns: REV. NO., DESCRIPTION, DATE. Contains 30 entries detailing flight manual revisions such as FLIGHT IN ICING CONDITIONS, ANTI-SKID PROCEDURE, NOSE WHEEL STEERING, and various propeller and engine related updates.

MERLIN IIIC SA227-TT FLIGHT MANUAL SECTION 6 DATED 08 07 81

Table with 3 columns: REV. NO., DESCRIPTION, DATE. Contains 4 entries for Section 6 revisions: MAX CAPACITY NOSE COMP AND AWI MOMENT TABLE, ADDITION OF LIST OF REVISIONS PAGES, ADDS PLNS C&D ARR, W/B FORM, PAYLOAD MOMENT TABLES, and REVISED EQUIPMENT LIST.



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#### **MERLIN IIIC SA227-TT FLIGHT MANUAL SECTION 7**

**DATED 03 02 82**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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



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<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



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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

Table with 3 columns: REV. NO., DESCRIPTION, DATE. Lists revisions B-01 to B-11 for Metro III SA227-AC Flight Manual (4AC).

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

Table with 3 columns: REV. NO., DESCRIPTION, DATE. Lists revisions B-01 and B-02 for Metro III SA227-AC Flight Manual (Section 5).

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

Table with 3 columns: REV. NO., DESCRIPTION, DATE. Lists revisions B-01, B-02, and B-03 for Metro III SA227-AC Flight Manual (Section 6).

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

Table with 3 columns: SUP/REV, DESCRIPTION, DATE. Lists various supplements and revisions (UN, REV 01-04) for Metro III SA227-AC Flight Manual.



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<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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]**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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

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### 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**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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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**

**IPNs: 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**

**IPNs: PAPER 27-10054-075 / ELECTRONIC 27-10054-220: INCLUDES ALL 227 DOMESTIC AFM'S**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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**

<u>REV. NO.</u>	<u>DESCRIPTION</u>	<u>DATE</u>
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
162	UPDATED ALPHA AND NUMERIC INDEXES.....	11 07 25
	ADDED COTTER PIN PN.....	11 07 25
	CORRECTED PN DISCREPANCY.....	11 07 25
	ADDED REPLACEMENT RUDDER PEDAL ASSEMBLY PNs.....	11 07 25



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**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
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**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]**

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21-010	PERFORM PRESSURE TEST OF BLEED AIR HEAT EXCHANGER TUBE ASSEMBLY FORWARD OF THE FIREWALL .....	(R) 10 08 15
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23-002	INTRUSION SYSTEM WIRING .....	06 19 91
23-003	CVR G SWITCH INSTALLATION .....	(R) 01 09 91
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25-004	NOT ISSUED	
25-005	AFT TOILET INSTALLATION .....	06 24 91
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**REISSUE 03 07 16**

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SA227-CC/DC CONFIGURATION DEVIATION LIST

DATED 10 17 94

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

REV. NO. DESCRIPTION DATE

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]

Table with 3 columns: REV. NO., DESCRIPTION, DATE. Contains 18 rows of revision details for the 16,500 LB flight manual.

SA227-CC FLIGHT MANUAL 16,500 LB SECTION 5

DATED 12 11 92

Table with 3 columns: REV. NO., DESCRIPTION, DATE. Contains 5 rows of revision details for Section 5.

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DATED 12 11 92

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#### 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

## TECHNICAL PUBLICATIONS INDEX

<u>SUP/REV</u>	<u>DESCRIPTION</u>	<u>DATE</u>
04	REVISED SECTIONS N AND AB	03 28 96
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) DATED 08 09 96**  
**[PNs: PAPER 27-10054-143 / ELECTRONIC 27-10054-224; INCLUDES ALL CC/DC AFMs]**

<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 INITIAL ISSUE 12 06 91**  
**MANUAL ST-UN-M003**  
**[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 INITIAL ISSUE 09 06 96**  
**INSPECTION PROCEDURES. B.L. 9 (INCLUDED IN SUPPLEMENTAL INSPECTION DOCUMENT (SID))**

<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



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**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>
63	UPDATED ALPHA AND NUMERIC INDEXES .....	02 19 26
	AMENDED REPLACEMENT RUDDER PEDAL ASSEMBLY PN.....	02 19 26
	ADDED HEAT EXCHANGER DE-SWIRL VANE PN .....	02 19 26
	CHANGED CLAMP PN.....	02 19 26
	UPDATED VENT CAWI PN.....	02 19 26
	CORRECTED UNIT PER ASSEMBLY AND NOMENCLATURE .....	02 19 26

**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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NUMBER	DESCRIPTION	DATE
27-021	NOT ISSUED	
27-022	NOT ISSUED	
27-023	GRAVEL GUARD INSTALLATION.....	09 19 08
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 HARNESSSES 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
27-035	RUDDER PEDAL BELLCRANK, PIVOT BOLT/BEARING AND CONNECTING ROD ENDS INSPECTION.....	(R) 11 12 19
27-036	ELEVATOR TORQUE TUBE ASSEMBLY AND WELDMENT INSPECTION.....	(R) 10 27 23
27-037	INSPECTION OF THE AILERON TRIM TAB PUSHROD BEARINGS.....	10 27 23
27-038	INSPECTION OF PITCH TRIM ACTUATORS.....	(R) 01 27 26
27-039	RUDDER PEDAL ARMS INSPECTION.....	11 07 25
28-001	ADD FUEL VENT HOLE.....	03 16 92
29-001	INSPECTION/REPLACEMENT HYDRAULIC PRESSURE LINES.....	12 11 95
30-001	IMPROVED WINDSHIELD WIPER SYSTEM (ROSEMOUNT INC.).....	(R) 10 29 97
30-002	OIL COOLER AIR INLET ANTI-ICE SYSTEM AND PROPELLER DEICE SYSTEM CIRCUIT PROTECTION.....	(R) 11 13 97
30-003	BFGOODRICH FASTBOOT, PNEUMATIC DE-ICER INSTALLATION.....	06 25 99
30-004	PITOT HEAT INDICATION SYSTEM.....	(R) 06 20 08
30-005	INSTALLATION OF WINDSHIELD OVERHEAT MONITORING SYSTEM.....	(R) 01 25 13
30-006	WING EXTENSION DEICE TUBE INSPECTION/REPLACEMENT.....	(R) 10 08 19
31-001	NOT ISSUED	
31-002	FLIGHT DATA RECORDER (F1000) FOR FIELD INSTALLATION.....	10 15 01
32-001	INSTALLATION OF SELF LUBRICATING BUSHING IN NOSE LANDING GEAR DRAG BRACE.....	06 15 92
32-002	REPLACEMENT OF GYN186 AND 32FE524 BRAKE NUTS.....	(R) 12 15 92
32-003	REPLACEMENT OF NOSE WHEEL STEERING (NWS) SERVO VALVE.....	(R) 04 09 10
32-004	REDUCED VISCOSITY FIRE RESISTANT HYDRAULIC FLUID.....	10 31 94
32-005	27-81001 BRACKET ASSEMBLY MODIFICATION.....	09 16 9
32-006	NOT ISSUED	
32-007	OZONE INDUSTRIES, INC. PN 5453005-1, -3 OR -5 YOKE (REFERENCE: MAIN LANDING GEAR (MLG) ASSEMBLY PN OAS5453 ALL DASH NUMBERS.....	(R) 09 28 95
32-008	RH POWER LEVER-NOSE WHEEL STEERING (NWS) SWITCH.....	03 29 96
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
32-015	ONE TIME INSPECTION OF THE NOSE WHEEL STEERING SOLENOID RELIEF VALVE CONNECTOR.....	09 26 08
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
32-019	INSPECTION OF BERTEA LANDING GEAR ACTUATORS FOR CRACKS.....	(R) 11 07 18

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NUMBER	DESCRIPTION	DATE
32-020	PENDING	
32-021	INSPECTION AND REPLACEMENT OF BRAKE PEDAL PUSH ROD (SA227-CC/DC AIRCRAFT, S/N 784, 790-882 AND 885-901) .....	06 30 11
32-022	INSPECTION AND REPLACEMENT OF BRAKE PEDAL PUSH ROD (SA227-DC AIRCRAFT, S/N 883, 884, 902 AND SUBSEQUENT) .....	07 15 11
32-023	INSPECTION AND REPAIR OF DRAG BRACE PIN BORE CORROSION ON MAIN AND NOSE LANDING GEAR STRUTS..... (RESCINDED)	12 14 15
32-024	INSPECTION AND REPAIR/REPLACEMENT OF THE NOSE LANDING GEAR CENTERING ARM ASSEMBLY .....	(R) 04 16 12
32-025	INSPECTION/REPLACEMENT OF 27-51000-031 BOLT USED TO ATTACH LANDING GEAR ACTUATOR TO BELLCRANK .....	10 24 13
32-026	PENDING	
32-027	INSPECTION AND RETORQUE OF THE CLEVELAND NOSE AND MAIN LANDING GEAR WHEEL/TIRE ASSEMBLIES.....	03 13 14
32-028	INSPECTION OF 27-51000-393 BOLT.....	08 08 14
32-029	INSPECTION/REPLACEMENT OF LANDING GEAR UPLOCK BOLT AND ROLLER .....	(R) 09 28 15
32-030	MAIN LANDING GEAR YOKE TORQUE LINK LUG AND SHAFT INSPECTION .....	08 02 16
33-001	DUAL BATTERY POWER FOR PILOTS OVERHEAD LIGHT.....	(R) 01 13 93
33-002	CABIN AISLE LIGHTS - CHANGE CIRCUIT BREAKER FROM 10 AMP TO 7.5 AMP .....	06 26 96
33-003	INSTALLATION OF ALTERNATE AUXILIARY LIGHTS TIME DELAY RELAY & BRACKET .....	06 03 08
34-001	NOT ISSUED	
34-002	NOT ISSUED	
34-003	AUSTRALIAN CERTIFICATION REQUIREMENTS - AD/GENERAL/A7 - 3 POINTER TYPE ALTIMETER - (PN 27-19138-009 ALTIMETER) .....	01 03 96
34-004	NOT ISSUED	
34-005	PITOT/STATIC SYSTEM PLUMBING MODIFICATION.....	(R) 05 16 14
34-006	GROUND PROXIMITY WARNING SYSTEM INSTALLATION .....	06 29 99
34-007	PLACARD INSTALLATION FOR NAV DISPLAY INSTRUCTION .....	11 13 00
34-008	TCAS-2000 TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM ACAS II INSTALLATION .....	12 07 04
34-009	NOT ISSUED	
34-010	THREE COUNTER DRUM ALTIMETER RETROFIT.....	04 10 06
34-011	DUAL MODE S TRANSPONDER, WITH ELEMENTARY SURVEILLANCE .....	10 09 06
35-001	AUSTRALIAN CERTIFICATION REQUIREMENTS FOR PORTABLE OXYGEN BOTTLE, CREW OXYGEN MASKS AND SMOKE GOGGLES.....	09 01 95
35-002	PROTECTIVE BREATHING EQUIPMENT/PART 121.337 (b) (8).....	07 10 98
52-001	CARGO DOOR AIR VALVE BRACKET MODIFICATION .....	01 28 93
52-002	CABIN DOOR TOP LATCH POSITIVE EXTENSION INSPECTION HOLE .....	02 11 97
52-003	NEW CABIN DOOR PLACARD - OUTSIDE CLOSURE INSTRUCTIONS .....	(R) 06 13 14
52-004	REPLACEMENT OF JAWS ON CARGO DOOR LATCH ASSEMBLY.....	01 14 25
53-001	CABIN ENTRANCE DOOR SILL BEEF UP.....	(R) 02 25 93
53-002	COCKPIT FLOORBOARD FOD BARRIER INSTALLATION .....	(R) 06 05 96
53-003	INSTALLATION OF FORM-IN-PLACE GASKETS-WING-TO-BODY FAIRINGS .....	(R) 09 03 10
53-004	INSPECTION ACCESS PANEL INSTALLATION .....	(R) 09 15 14
53-005	INSPECTION, EXTENDED INSPECTION, AND REPAIR OF FUSELAGE UPPER FORWARD CORNER OF MAIN CABIN DOOR CUTOUT .....	11 15 13
53-006	INSPECTION AND/OR REPLACEMENT OF THE LEFT HAND AND RIGHT HAND FORWARD AND AFT WING-TO-BODY ATTACH FITTINGS .....	(R) 05 13 13
53-007	INSPECTION OF F.S. 69.31 FORWARD PRESSURE BULKHEAD FOR CRACKS.....	(R) 11 06 13
53-008	DOOR SURROUND STRUCTURE ALTERNATE REPAIR DOUBLER INSTALLATION .....	04 03 15
54-001	OIL DEFLECTOR INSTALLATION KIT .....	09 07 93
55-001	VERTICAL STABILIZER ACCESS PANEL INSTALLATION .....	04 20 16
55-002	HORIZONTAL STABILIZER TRUNNION BOLT INSPECTION.....	09 11 18
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
56-006	CABIN WINDOW DEFOG SYSTEM.....	(R) 03 08 02



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NUMBER	DESCRIPTION	DATE
56-007	HEATED WINDSHIELD ELECTRICAL BONDING INSTRUCTIONS .....	(R) 01 07 09
56-008	NOT ISSUED	
56-009	INSPECTION FOR COCKPIT HEATED WINDSHIELDS .....	12 01 10
56-010	INSTALLATION OF NEW ELECTRICALLY HEATED GLASS WINDSHIELD (27-19482-001/-002) .....	09 28 12
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
57-006	INSTALLATION OF FORM-IN-PLACE GASKETS-BATTERY BOX ACCESS PANELS .....	09 03 10
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
77-001	SINGLE RED LINE CONTROLLER.....	03 19 93
77-002	SINGLE RED LINE CONTROLLER.....	06 11 93
78-001	IMPROVED ENGINE EXHAUST DUCT GASKET.....	05 29 92
80-001	TEMPERATURE LIMITER CIRCUIT .....	09 07 93
82-001	IMPROVED LIQUID LEVEL POTENTIOMETER FOR CONTINUOUS ALCOHOL WATER INJECTION.....	(R) 09 23 92
82-002	CAWI QUANTITY INDICATOR SINGLE ENGINE GO AROUND MINIMUM LEVEL MARKING .....	(R) 11 03 93
82-003	CAWI TANK VENT TUBING.....	03 11 93
82-004	IMPROVED CAWI QUANTITY GAUGING SYSTEM.....	(R) 02 28
82-005	INSTALLATION OF NEW CAWI PUMPS - PN 27-67033-045.....	08 06 97
82-006	IMPROVED PRESSURE SWITCH FOR CAWI .....	(R) 06 12 09

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**SA227 SERIES COMMUTER CATEGORY SERVICE LETTERS**

**REISSUE 03 07 16**

**[SERVICE INFORMATION INCLUDES: BULLETINS, LETTERS, AND NOTES -  
PNs: PAPER 27-10054-129 / ELECTRONIC 27-10054-130]**

NUMBER	DESCRIPTION	DATE
001	TERMINAL STRIP (TS) 14 JUMPER WIRE IMPROVEMENT.....	(R) 02 03 93
002	ADD DRAIN HOLES TO VERTICAL STABILIZER.....	10 28 92
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	



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NUMBER	DESCRIPTION	DATE
	SUBSEQUENT INSPECTION FOR CRACKS.....	(R) 02 10 200
040	RELIEF FOR RECENT CHANGE OF SA227 COMMUTER CATEGORY MM, CHAPTER 5, HYDROSTATIC TEST INTERVAL (HTI), FOR PN 30301100 AND 30300020 FIRE EXTINGUISHER BOTTLES.....	04 16 04
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
060	INSPECTION OF ENGINE CONTROL CABLE SUPPORT BRACKET IN PEDESTAL.....	08 24 15
061	CABIN ALTITUDE WARNING SYSTEM OPERATIONAL TEST.....	(R) 11 07 18
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	
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**SA227 SERIES COMMUTER CATEGORY SERVICE NOTES**

**REISSUE 03 07 16**

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

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002	DECAL INSTALLATION - CABIN SEAT ARMRESTS .....	03 20 92
003	EXTREME COLD WEATHER GREASE FOR AILERON/RUDDER TRIM ACTUATOR .....	01 25 93
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010	BATTERY BOX HYDRAULIC LINE CLEAR TUBING (PN 3028) REMOVAL .....	07 05 94
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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.

#### **NUMBER      DESCRIPTION**

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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<b>NUMBER</b>	<b>DESCRIPTION</b>
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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<b>NUMBER</b>	<b>DESCRIPTION</b>
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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<b>NUMBER</b>	<b>DESCRIPTION</b>
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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<b>NUMBER</b>	<b>DESCRIPTION</b>
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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<b>NUMBER</b>	<b>DESCRIPTION</b>
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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<b>NUMBER</b>	<b>DESCRIPTION</b>
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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<b>NUMBER</b>	<b>DESCRIPTION</b>
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).