

N977JP

1997 Learjet 31A

Airframe Logbooks (1997-2000)



MSN: 31A140

Prepared by the worldwide aviation specialists at RidgeAir, Inc.

31A-140 LOG #1

AIRCRAFT LOG BOOK



Learjet

AIRCRAFT DESCRIPTION

MANUFACTURER LEARJET INC.			PLACE WICHITA, KANSAS		DATE July 2, 1997
REGISTRATION NO. N140LJ		TYPE 31A	SERIAL NO. 140	DESCRIPTION TWINJET	
SEATING CAPACITY (INCLUDE CREW): 10	WEIGHT EMPTY 10,697.40	WEIGHT LOADED MAX. RAMP WT. 17,200 #			
WING AREA 264.51 SQ.FT.	WING SPAN 42.18'	LENGTH 48'		HEIGHT 12'3"	MAIN WHEEL TREAD 8'3"
OWNER					
ADDRESS					

EQUIPMENT DESCRIPTION			
ENGINE ALLIED SIGNAL INC. ENGINES		MODEL TFE 731-2-3B	RATED THRUST 3,500 #
PAINT	INTERIOR	EXTERIOR	STRIPE
		P&L OFF WHITE	HARVEST GOLD HR-10653
		570-541	TAN OF HEARTS HR-00204

TAN OF SPADES - H-200206

F.A.A. CERTIFICATION INSPECTION

AIRWORTHINESS DIRECTIVES COMPLIED WITH THROUGH ^{ISSUE} ~~CARD~~ NO. **AD 97-13**

I HAVE INSPECTED THIS AIRCRAFT AND FOUND IT COMPLIES WITH THE REQUIREMENTS OF F.A.R. **21.183(a.)**

CERTIFICATE OF AIRWORTHINESS DATED **July 2, 1997** WAS ISSUED BY ME.

SIGNED: *James S. Saly*, D.M.I.R. NO. **CE-501137**

RECORD OF COMPLIANCE - FAA AIRWORTHINESS DIRECTIVES

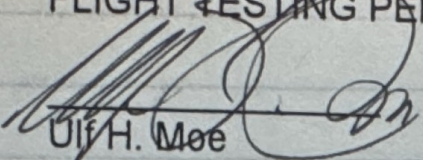
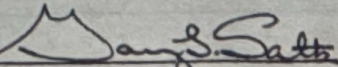
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SERVICE BULLETIN COMPLIANCE

[illegible]

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 Learjet LEARJET AIRCRAFT <u>31A-140</u> HAS SUCCESSFULLY COMPLETED PRODUCTION FLIGHT TESTING PER LES-FT-1586.  Ulf H. Moe Pilot Production Flight Test <u>7/1/97</u> Date		
	STANDBY ALTIMETER AIR DATA COMPUTERS P/N 8047-700-53 P/N 065-0082-03 S/N 8030B S/N #1. 2058 #2: 2059 I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY F.A.R. 91.411, PART 43 APPENDIX E, HAVE BEEN PERFORMED. THE ALTIMETERS HAVE BEEN TESTED TO 53,000 FEET. DATE NEXT TEST REQUIRED 02-05-99 SIGNATURE  DATE <u>July 2, 1997</u> LEARJET INC. WICHITA, KANSAS F.A.A. P.C. 329CE		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	TRANSPONDER #1 TRANSPONDER #2 P/N 066-1103-00 P/N 066-1103-00 S/N 4029 S/N 4154 I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY F.A.R. 91.413 HAS BEEN ACCOMPLISHED. SIGNATURE <u>Dan B. Saly</u> DATE <u>July 2, 1997</u> F.A.A. P.C.329CE		
	I CERTIFY THAT A DUAL VOR CHECK WAS ACCOMPLISHED IN ACCORDANCE WITH F.A.R. 91.171(b)(4) ON THIS DATE 6-27-97 AT MID-CONTINENT AIRPORT, WICHITA, KS. VARIATION: PRL ERROR +2 Degrees SEC. ERROR -2 Degrees AIRCRAFT TOTAL TIME: 2.2 Hours SIGNATURE <u>Dan B. Saly</u> DATE <u>July 2, 1997</u>		

MAINTENANCE RECORD

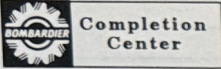
DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	I CERTIFY THAT THE ALTITUDE DATA TRANSMISSION TEST REQUIRED BY F.A.R. 91.217 HAS BEEN ACCOMPLISHED. SIGNATURE <u>Dan B. Saly</u> DATE <u>July 2, 1997</u> F.A.A. P.C.329CE		
	AILERON AND RUDDER BALANCE TAB PUSHROD ADJUSTMENT RECORD Aircraft Model/Serial No. <u>31A-140</u> Left Wing Balance Tab Pushrods (Number of Turns): Lengthen <u>1</u> Shorten <u>—</u> "Neutral" <u>—</u> Right Wing Balance Tab Pushrods (Number of Turns): Lengthen <u>—</u> Shorten <u>1</u> "Neutral" <u>—</u> **Control Wheel Rigging: <u>0</u> Rudder Balance Tab Pushrods (Number of Turns): Lengthen <u>—</u> Shorten <u>1/2</u> "Neutral" <u>—</u> Date <u>7-1-97</u> Inspection Stamp <u>1-2</u> *If the streamlines position is acceptable, check as "Neutral." **Enter number of degrees left or right of level with ailerons equidistant below wing T.E.		

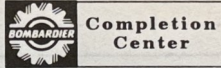
MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND FOUND TO BE IN AIRWORTHY CONDITION. SIGNATURE <u>Bonnie B. Aubushon</u> DATE <u>July 2, 1997</u> F.A.A. P.C.329CE			
STANDARD CERTIFICATE OF AIRWORTHINESS, F.A.A. FORM 8100-2, ISSUED THIS DATE. AIRCRAFT IN GREEN CONFIGURATION. INTERIOR PER LEARJET DRAWING NO. 3113828-004 (CREW PLUS TWO PASSENGERS). SIGNED: <u>Dan S. Saly</u> DMIR NO. <u>CE-501137</u> DATE: <u>July 2, 1997</u>			

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER																											
 Completion Center																														
Aircraft: 31-140 Hours: 20.3 Landings: 15 Page 1 of 13 Date: 10/12/97 All Airworthiness Directives have been reviewed thru Bi Weekly Supplement 97-19. No applicable A.D.'s noted.																														
THE FOLLOWING SERVICE BULLETINS HAVE BEEN COMPLIED WITH: Complied With S.B. 21-28-11 Para. 2B-2F. Installation of safety wire on Right Wing Refueling Shutoff Valve & Expansion Line Connector.																														
THE FOLLOWING NEW COMPONENTS HAVE BEEN INSTALLED: <table border="0"> <tbody> <tr> <td>HF AUDIO BOX ASSEMBLY</td> <td>P/N ON 2688178-1</td> <td>S/N 258001</td> </tr> <tr> <td>AFT LOCKER ASSEMBLY</td> <td>P/N ON 93L-5350-501</td> <td>S/N 27</td> </tr> <tr> <td>FLITEFONE ANTENNA</td> <td>P/N ON 121-014378-01</td> <td>S/N 3986</td> </tr> <tr> <td>FLITEFONE TRANSCEIVER</td> <td>P/N ON 400-0125-2000</td> <td>S/N 4643</td> </tr> <tr> <td>FLITEFONE CABIN</td> <td>P/N ON 400-0123-213</td> <td>S/N 11036</td> </tr> <tr> <td>FLITEFONE COCKPIT</td> <td>P/N ON 400-0123-214</td> <td>S/N 9409</td> </tr> <tr> <td>ACCELEROMETER</td> <td>P/N ON 979-0223-001</td> <td>S/N 2053</td> </tr> <tr> <td>GPWS RACK</td> <td>P/N ON 600-5705-001</td> <td>S/N N/A</td> </tr> <tr> <td>GPWS COMPUTER</td> <td>P/N ON 965-0876-001-B02-B03</td> <td>S/N 3060</td> </tr> </tbody> </table>				HF AUDIO BOX ASSEMBLY	P/N ON 2688178-1	S/N 258001	AFT LOCKER ASSEMBLY	P/N ON 93L-5350-501	S/N 27	FLITEFONE ANTENNA	P/N ON 121-014378-01	S/N 3986	FLITEFONE TRANSCEIVER	P/N ON 400-0125-2000	S/N 4643	FLITEFONE CABIN	P/N ON 400-0123-213	S/N 11036	FLITEFONE COCKPIT	P/N ON 400-0123-214	S/N 9409	ACCELEROMETER	P/N ON 979-0223-001	S/N 2053	GPWS RACK	P/N ON 600-5705-001	S/N N/A	GPWS COMPUTER	P/N ON 965-0876-001-B02-B03	S/N 3060
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DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
			
	Aircraft: 31-140 Hours: 20.3 Landings: 15 Page 2 of 13 Date: 10/12/97 DPI ENTRY SWITCH P/N ON 10500-0037-25 S/N 0003 DPI SWITCH LIQUID WARMER P/N ON 9601-000015-25 S/N 0006 B & D DISPLAY P/N ON 2700-40080800JBDF S/N A01217 CONTROL MODULE P/N ON MS1804 S/N 0687 CONTROL MODULE P/N ON MS1804 S/N 0689 SONY CDX-C710 P/N ON CDX-C710 S/N 19402 TOILET P/N ON 31A-1 S/N 1268 TOILET TIMER P/N ON 3012-24 S/N 1521 LIQUID WARMER P/N ON M3013007-5 S/N 059 STEREO P/N ON CDXC710 S/N 19402 FIRE EXTINGUISHERS 2 EA. P/N ON 344T S/N N/A PASSENGER SEAT L/H FWD. P/N ON 303614-1H6-601 S/N 9652 PASSENGER SEAT L/H AFT P/N ON 303614-2HS-602 S/N 9654 PASSENGER SEAT R/H FWD. P/N ON 303614-2HS-604 S/N 9658 PASSENGER SEAT R/H AFT P/N ON 303614-1H6-604 S/N 9659 ENGINE SYNC INDICATOR P/N OFF 2101366-1 S/N 1051 P/N ON 2101366-1 S/N 1061		

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
			
	Aircraft: 31-140 Hours: 20.3 Landings: 15 Page 3 of 13 Date: 10/12/97 BAKER AMP P/N OFF M3081 S/N 9601076 P/N ON M3081 S/N 9707078 TRIM INDICATOR PANEL P/N OFF 2688101-46 S/N N/A P/N ON T2688015-25 S/N 246219 PEDESTAL P/N OFF T3508800-667 S/N N/A P/N ON 3588126-61 S/N N/A CVR CONTROL ASSEMBLY P/N OFF 3188037-013 S/N N/A P/N ON 1614-01 S/N 281 PILOT CB PANEL P/N OFF 31088-STD-012 S/N 353007 P/N ON M3108817-140-001 S/N 4D639C PILOTS CB PANEL AFT OVERLAY P/N OFF 7608041-005 S/N N/A P/N ON M7688043-03 S/N N/A FUSELAGE FUEL TANK PROBE P/N OFF FG200A 97 S/N G-0339 P/N ON FG200A S/N G-0338 MFD ANNUNCIATOR P/N OFF 811675-2 S/N N/A P/N ON M3188225-002 S/N 42805C # 1 TURBINE SPEED INDICATOR P/N OFF 131348-3 S/N 66-B0092		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
Completion Center			
Aircraft: 31-140 Hours: 20.3 Landings: 15 Page 4 of 13 Date: 10/12/97			
	PILOT INSTRUMENT PANEL	P/N ON 131348-3	S/N 37-B0100
		P/N OFF 3188217-009-609	S/N 338319
	CO PILOT INSTRUMENT PANEL	P/N ON M3188215-025	S/N 44313C
		P/N OFF 3188216-007	S/N 348166
	GARRETT PRESSURE MODULE	P/N ON M3188216-042	S/N 44314C
		P/N OFF 2614062-23	S/N 47-1041
	# 1 VHF TRANSCEIVER	P/N ON 2614062-23	S/N 26-1029
		P/N OFF 064-1047-22	S/N 21153
	# 2 VHF TRANSCEIVER	P/N ON 064-1047-22	S/N 21109
		P/N OFF 064-1047-22	S/N 21152
	# 1 AHRU	P/N ON 064-1047-22	S/N 21156
		P/N OFF 065-0147-02	S/N 0568
	# 2 ATC TRANSPONDER	P/N ON 065-0147-02	S/N 0589
		P/N OFF 066-1103-00	S/N 4029
	STANBY ALTIMETER	P/N ON 066-1103-00	S/N 4163
		P/N OFF N834-9001	S/N 8030B
		P/N ON N834-9001	S/N 8037B

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
Completion Center			
Aircraft: 31-140 Hours: 20.3 Landings: 15 Page 5 of 13 Date: 10/12/97			
	EVAPORATOR BLOWER D.C. MOTOR	P/N OFF 6600112-2	S/N 1575
		P/N ON 6600165-1	S/N 179
	EFIS CONTROL-PRI (CP-467)	P/N OFF 071-01439-3200	S/N 2124
		P/N ON 071-01439-3200	S/N 2156
	TRIM SWITCH PANEL	P/N OFF 3118679-009	S/N 338019
		P/N ON M3188226-001	S/N 290010
	PRIMARY NAVIGATION RCVR.	P/N OFF 066-1101-50	S/N 10752
		P/N ON 066-1101-50	S/N 10814
	CABIN TEMP AUTO/MAN. SWITCH	P/N OFF 6600211-21	S/N 2410
		P/N ON 6600211-21	S/N 2422
	CABIN CLIMATE TEMP SENSOR	P/N OFF 6600211-20	S/N 2224
		P/N ON 6600211-20	S/N 2235
	STALL WARNING TRANSDUCER- R/H	P/N OFF 6608263-8	S/N GTS02110
		P/N ON 6608263-8	S/N 100-301
	RUDDER TRIM POTENTIOMETER	P/N ON RV4SAYS0102A	S/N N/A
		P/N OFF RV4SAYS0102A	S/N N/A
	RUDDER TRIM ACTUATOR	P/N OFF 6600156-026	S/N 5208

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
Completion Center			
Aircraft: 31-140	Hours: 20.3	Landings: 15	Page 6 of 13
			Date: 10/12/97
RUDDER TRIM INDICATOR	P/N ON 6600156-026	S/N 5338	
	P/N OFF 6608217-10	S/N 1158	
	P/N ON 6608217-10	S/N 1155	
#2 NAV CONTROLLER	P/N OFF 071-1343-08	S/N 3839	
	P/N ON 071-1343-08	S/N 3866	
TIRE-L/H INBD	P/N OFF 178K23-5	S/N 63321460	
	P/N ON 178K23-5	S/N 70851462	
THE FOLLOWING COMPONENTS HAVE BEEN PERMANENTLY REMOVED: CVR REMOTE MIC. AMPLIFIER P/N OFF 1617-12 S/N 241 AFT AVIONICS ACCESS DOOR P/N OFF 3112052-1 S/N 31-140 AFT AVIONICS ACC DR MICROSWITCH P/N OFF B2-R31 S/N 9649			
THE AIRCRAFT EXTERIOR WAS PAINTED IN ACCORDANCE WITH LES 1281 REV.(G) DATED 7/10/97, LES 1348 REV. (H) DATED 7/10/97, LES 1175 REV. (H) DATED 5/13/96, LES 1176 REV. (K) DATED 3/8/97, & LES 1288 REV. (K) DATED 6/17/93. THE FOLLOWING PRATT AND LAMBERT PAINTS WERE USED:			
Pratt & Lambert	Tan of Spades	HR-00206	

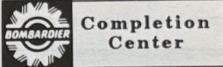
MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
Completion Center			
Aircraft: 31-140	Hours: 20.3	Landings: 15	Page 7 of 13
			Date: 10/12/97
Pratt & Lambert	Harvest Gold	HR-10653	
Pratt & Lambert	Tan of Hearts	HR-00204	
Pratt & Lambert	Off White II	570-541	
All Flight Controls were balanced in accordance with LES 1053 Rev. (T) dated 2/15/95.			
THE FOLLOWING AILERON AND RUDDER BALANCE TAB/TRIM TAB PUSHROD ADJUSTMENTS WERE MADE:			
Left Wing Balance Tab Pushrods (Number of Turns). Lengthen 0 Shorten 1/2			
Right Wing Balance Tab Pushrods (Number of Turns). Lengthen 1/2 Shorten 0			
Rigged Control Wheel to 0 degrees.			
Rudder Balance Tab Pushrods (Number of Turns). Lengthen 1&1/2 Shorten 0			
INSTALLED INTERIOR IN ACCORDNCE WITH LEARJET MASTER DRAWING LIST M031140 ICT REV. N/C. DATA IS FAA APPROVED REFERENCE FAA FORM 8110-3 SIGNED & DATED 9/24/97 BY DER CANDIDATE AND FAA APPROVAL REPLY LETTER L706-09-97-1777 DATED 9/25/97.			
MATERIALS USED ARE AS FOLLOWS:			

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 Aircraft: 31-140 Hours: 20.3 Landings: 15 Page 8 of 13 Date: 10/12/97 FABRIC, TAPIS CORP., ULTRASUEDE, #3723, PALE BEIGE Used on Headliner, Sidewall. VERASOL 84500 PUTTY Used on Window Shade. FABRIC, SINA PEARSON, PATINA, #155-15, PALMINO Used on Cockpit/Lavatory Baggage Curtain. LEATHER, TOWNSEND, COASSIC COW, #CL-545, BUFF Used on Armrest Ledge, Table Insert, Seats (Pax), Seat Welt, Divan, and Contact Pad. VENEER, CARL BOOTH & CO., BFIG. SAPELE, #LJ60515-12, SATIN Used on Cabin Trim, Cabinetry Exterior, Cabinetry Exterior Lavatory. FABRIC, PAUL BRAYTON, MERLIN, MN-94, APPARITION Used on Dado. LAMINATE, WILSONART, #D327-1, PEPPERDUST Used on Interior Laminate. AIP, GROSPONT, #450, TAUPE Used on Colset Interior, Baggage and Divan Backs. SOLID CORE, FOUNTAINHEAD, #FM-6-2, GRAY MIST MATRIX Used on Galley Countertop. LAMINATE, FORMICA #899, DESERT BEIGE Used on the Table Laminate. TECHNO-COATINGS, #TC-45(S), SATIN SMOKE NICKEL Used on the Table Inlay. DAVIS, #NC-545, LT. GREY Used on the Seat Belt Webbing. G. KALOGRIDIS INTERNATIONAL, CUSTOM COLORS Used on the Carpet.		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 Aircraft: 31-140 Hours: 20.3 Landings: 15 Page 9 of 13 Date: 10/12/97 BURL STRUCTURE, MARION AIRCRAFT, #20, BROWN Used on the Door Stair Cover/ Maintenance Runners. All materials meet the requirements of FAR 25.853 / 25.855 in accordance with FAR 25 Appendix F part I, reference Learjet Flammability Report FR31-140 ICT Rev. (A), dated 9/23/97. Data is FAA approved, reference FAA form 8110-3 dated 9/24/97 by DER Candidate and FAA approval reply letter L706-09-97-1777. All seat cushions meet the requirements of FAR 25.853 (c) in accordance with FAR 25 Appendix F part II reference SKANDIA Test Plan #2494 Rev. New dated 10/7/97. Data is FAA approved, reference FAA form 8110-3 dated 10/7/97 by DER CHI-410. THE FOLLOWING MODIFICATIONS/ALTERATIONS HAVE BEEN ACCOMPLISHED: Rewired Pilot CB Panel in accordance with Learjet Engineer Drawing M3108817-140. Installed Global Wulfberg Flitefone in accordance with Learjet ECR 3021 with minor deviations listed on Learjet Engineer Drawing M3188093-001 and M3189610-RU23.02. (Ref. 337)		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 Completion Center Aircraft: 31-140 Hours: 20.3 Landings: 15 Page 10 of 13 Date: 10/12/97 Installed KHF-950 HF Radio Provisions in accordance with Learjet ECR 3142 with minor deviations listed on Learjet Engineer Drawing M2488251-001 and M3189610-RF6.02. Installed Double Wide Pedestal in accordance with Learjet Engineer Drawing 3588125-005. Installed MK VII Ground Proximity Warning System With Windshear Detection in accordance with Learjet ECR 3144 with minor deviations listed on Learjet Engineer Drawing M3188307-001, M3188225-002 and M3189610-TW30.02. (Ref. 337) Installed Telephone Jack in accordance with Learjet Engineer Drawing M3188296-001. Installed Jepp Storage Box in accordance with Learjet Engineer Drawing 3588204-17. Installed Cockpit Voice Recorder Control Panel in accordance with Learjet MDL M100194ICT. Installed STC ST00352SE Fuselage Stowage Locker in accordance with Raiseeck Engineering Drawing List 95L-1001. THE FOLLOWING UNSCHEDULED MAINTENANCE WAS PERFORMED: Installed new L/H Inboard Main Landing Gear tire in accordance with Learjet Maintenance Manual 32-42-00 and ABS Maintenance Manual AP 517. (Acrft Hrs: 9.6 Landings: 8)		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER									
	 Completion Center Aircraft: 31-140 Hours: 20.3 Landings: 15 Page 11 of 13 Date: 10/12/97 Spliced wires Q81K22, Q73A22 (R/H Engine fuel filter bypass switch) and HE111C20P (R/H Nacelle Anti Ice Valve) to obtain clearance with lower engine cowling in accordance with LES 1032 and L. J. M/M 20-20-00. Re-configured #1 & #2 Symbol Generators in accordance with L. J. Engineer Drawing 3188825-STD & LES 1576. THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411, HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E. THE ALTIMETER HAS BEEN TESTED TO 53,000 FEET. THE AIR DATA COMPUTER TEST REQUIRED BY FAR 91.411 HAS BEEN ACCOMPLISHED. <table border="0"> <tr> <td>AIR DATA COMPUTER NO. 1</td> <td>STANDBY ALTIMETER</td> <td>AIR DATA COMPUTER NO. 2</td> </tr> <tr> <td>PN 065-0082-03</td> <td>PN8047-700-53</td> <td>PN 065-0082-03</td> </tr> <tr> <td>SN 2058</td> <td>SN8037B</td> <td>SN2059</td> </tr> </table> NEXT DUE DATE: <u>SEPTEMBER, 1999</u> THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH FAR 43 APPENDIX F.	AIR DATA COMPUTER NO. 1	STANDBY ALTIMETER	AIR DATA COMPUTER NO. 2	PN 065-0082-03	PN8047-700-53	PN 065-0082-03	SN 2058	SN8037B	SN2059		
AIR DATA COMPUTER NO. 1	STANDBY ALTIMETER	AIR DATA COMPUTER NO. 2										
PN 065-0082-03	PN8047-700-53	PN 065-0082-03										
SN 2058	SN8037B	SN2059										

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
 Completion Center			
Aircraft: 31-140 Hours: 20.3 Landings: 15 Page 12 of 13 Date: 10/12/97 TRANSPONDER #1 TRANSPONDER #2 P/N 066-1103-00 P/N 066-1103-00 S/N 4154 S/N 4163 NEXT DUE DATE: <u>SEPTEMBER, 1999</u>			
THE DUAL VOR CHECK REQUIRED BY FAR 91.171 (C) HAS BEEN ACCOMPLISHED			
VARIATION: PRI. ERROR 0 DEGREE SEC. ERROR 0 DEGREE			
DATE: <u>9/10/97</u>			
THE ABOVE DESCRIBED MAINTENANCE IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS ON FILE UNDER W.O. # 26311014000			
SIGNATURE <u>[Signature]</u> DATE <u>10/12/97</u> LEARJET INC., TUCSON SERVICE CENTER, 1255 E. AERO PARK BLVD. TUCSON, AZ. 85706 FAA CRS KW3R646L			

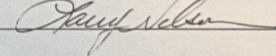
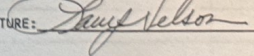
MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
 Completion Center			
Aircraft: 31-140 Hours: 20.3 Landings: 15 Page 13 of 13 Date: 10/12/97			
THE FOLLOWING 3 MONTH INSPECTIONS CHECKS HAVE BEEN COMPLIED WITH: IRN 12-22-01: LEAD ACID BATTERIES. IRN 12-23-10: PERFORM OPERATIONAL CHECK OF PS-835 OR PS-855, LEAD ACID EMER.			
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE INSTRUCTIONS AND PROCEDURES FOR AN INSPECTION PROGRAM REQUIRED BY FAR 91.409 (f) (3), AND IS APPROVED FOR RETURN TO SERVICE. W.O. # 26311014000 ACFT TIME: 20.3			
SIGNATURE <u>[Signature]</u> DATE <u>10/12/97</u> LEARJET INC., TUCSON SERVICE CENTER, 1255 E. AERO PARK BLVD. TUCSON AZ. 85706 FAA CRS KW3R646L			

MAINTENANCE RECORD

DATE	 Learjet canadair	A/C: 31-140 REG: N140LJ LDG: 35 TSN 100.1	ENSEMBER
		CRS# LJ9R810J WICHITA, KANSAS	
	Replaced R/H forward scavenge pump "Push to Drain" placard P/N 2806013-23. Replaced L/H & R/H main landing gear taxi light bulbs P/N Q4681. Replaced #1 comm R/T S/N 21159 with a repaired unit P/N 064-1047-22 S/N 20474. Swapped ADC's installation locations, now located #1 S/N 2059 and #2 S/N 2058. Replaced tail nav light bulbs P/N's 1683 and 2488502-37-537. Replaced L/H inboard gear door actuator assembly S/N 0387 with a overhauled unit P/N 6600085-8 S/N 0257. Replaced copilots AOA indicator S/N 316 with a new unit P/N 6608208-9 S/N 305. Replaced #1 comm antenna coax connector P/N 190313. Replaced L/H main ship battery vent line adapter P/N 3621. Replaced pitch servo S/N 3151 with a repaired unit P/N 065-0076-12 S/N 2291. Adjusted lower main cabin door latch and installed leach shim P/N 3111602-011. Replaced L/H T/R outboard actuator S/N A30040360 with a repaired unit P/N 4953502-7 S/N DHC1000. Repaired generator control panel S/N 343153 and replaced current limiter P/N MS28937-05 to ground power/aux defog. Repaired HF controller S/N 9676. Installed the following serviceable HF components from aircraft 31-131; Coupler P/N 064-1017-01 S/N 14438, REC/EXC P/N 064-1015-01 S/N 29793 and Controller P/N 064-1016-03 S/N 9676, computed Weight and Balance and posted change in AFM. Replaced hydraulic reservoir service port coupling P/N 015519S4-12D and serviced system supply. Replaced 2each static wicks P/N 16920 and 2each bases P/N 15401 on L/H & R/H delta fins. Replaced R/H bleed air modulation valve S/N 2843 with a repaired unit P/N 6600202-3 S/N 2198. Installed pen/pencil holders pilots P/N T2413063-1 and copilots P/N T2413063-2, under glareshield. Replaced 2each relays P/N E210-1655 (K603 & K64) in trim switch panel. Replaced 2each static discharges P/N DG16920, leach on L/H delta fin and leach on R/H delta fin. Serviced oxygen system supply. Replaced nose wheel steering servo actuator S/N 1155 with a new unit P/N 6608468-2 S/N 1143 and calibrated nose wheel steering system computer. Serviced hydraulic system supply. Replaced cabin pressurization module S/N 26-1029 with a repaired unit P/N 2614062-23 S/N 55-1022. Updated nav data base with "WORLDWIDE-EXTENDED" expires 4 Dec 1997. Replaced cockpit blower assembly S/N 3857 with a new unit P/N 2619387-3 S/N 3818. Replaced #1 comm antenna coax connector P/N 190313 and inspected and functionally tested #1 comm control S/N 4439. Swapped AHRS units installation locations, now #1 S/N 0570 and #2 S/N 0589. Swapped COMM R/T's installation locations, now #1 S/N 21156 and #2 S/N 20474.		
	CONTINUED PAGE #2		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	31-140 PAGE #2 Cleaned and inspected low pressure fuel filters per 30 hour requirement at, Aircraft TSN; 28.3 LDGS; 27. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER WORK ORDER NO.: 6140-02 DATE: 11-10-97 SIGNATURE  LEARJET INC. CRS# LJ9R810J		
11-26-97	 Learjet canadair	A/C: 31-140 REG: N140LJ LDG: 96 TSN 148.1	
	CRS# LJ9R810J WICHITA, KANSAS		
	Replaced tail nav light lower bulb P/N 1683. Replaced #2 AHARS S/N 0589 with a tested and certified unit P/N 065-0147-02 S/N 0471. Replaced tail strobe light bulb P/N 31-0725-2. AD 74-08-09R2 was found to be not applicable on this aircraft due to equipment installed.		
	I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN INSPECTION PROGRAM REQUIRED BY FAR 91.409(f)(3) AND IS APPROVED FOR RETURN TO SERVICE. INSPECTIONS: 150 HOUR T/R (L/H & R/H).		
	W/O # 6140-03 Date: 11-26-97 SIGNATURE:  CRS# LJ9R810J		

[illegible]

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
1-16-98	Learjet canadaair	A/C: 31A-140 REG: N140LJ LDG: 196 TSN 302.9 CRS# LJ9R810J WICHITA, KANSAS	
Adjusted lower entry door fwd latch arm. Installed missing RH wing ground receptacle PN 11. Replaced LH delta fin O/B static wick PN 16920. Replaced LH I/B main wheel and tire assembly SN NOV96-2923 with eddy current checked wheel SN Jul87-1277 with new tire. Replaced LH O/B main wheel and tire assembly SN Nov96-2924 with eddy current checked wheel SN Jun92-2434 with new tire. Replaced RH I/B main wheel and tire assembly SN Nov96-2928 with eddy current checked wheel SN Sep91-2308 with new tire. Replaced RH O/B main wheel and tire assembly SN Nov96-2925 with eddy current checked wheel SN Apr93-2559 with new tire. <u>Complied with 6 Month Inspection of L & R Engine Fire Extinguisher</u> Containers for Proper Pressure and Plumbing for Condition and Security as outlined in Inspection/Checks Due at other Intervals" in chapter 5 of the maintenance manual. <u>Complied with 6 Month Inspection of Portable Fire Extinguishers</u> for Condition, Date of Mfg, Operating Pressure and Weight Check as outlined in Inspection/Checks Due at other Intervals" in chapter 5 of the maintenance manual. <u>Complied with 6 Month Inspection of Alcohol Anti-Ice System</u> for Proper Operation as outlined in Inspection/Checks Due at other Intervals" in chapter 5 of the maintenance manual. <u>Complied with 6 Month Inspection of Alcohol Anti-Ice System Tank</u> for Security, Fluid Quantity and Clean of Filter as outlined in Inspection/Checks Due at other Intervals" in chapter 5 of the maintenance manual. <u>Complied with 3 month Emergency Power Supply Operational Inspections</u> as outlined in "Inspection/Checks with Special Requirements or Inspection/Checks Due at other Intervals" in chapter 5 of the maintenance manual. Updated nav data base, EXP DATE: 1-29-98. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER WORK ORDER NO.: 6140-05 DATE: 1-16-98. SIGNATURE <u>James P. Barva</u> LEARJET INC. CRS# LJ9R810J			

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	Aviation Services N140LJ TOTAL TIME: 306.2 31-140 LANDINGS 199 PAGE:1 DATE 01-21-98 COMPLIED WITH THE FOLLOWINGS SPECIAL INSPECTION REQUIREMENTS/CHECKS. 3 MONTH MAIN BATTERY INSPECTION.PN G-6381E SN G01682175, G01696361 6 MONTH INSPECTION OF THE MAIN AIRCRAFT BATTERIES INSTALLATION, STRUCTURE. VENT TUBING, TRAYS. 6 MONTH SERVICE AND LUBRICATION.,300/600 HOUR SERVICE AND LUBRICATION. 300 HOUR RAISBECK VENTRAL LOCKER INSPECTION. INSTALLED NEW STARTER BRUSHES LH STARTER PN 6608358-2 SN 97049, REFERENCE COMPONENT W.O. 28476 INSTALLED NEW STARTER BRUSHES RH STARTER PN 6608458-2 ,SN 28457 REFERENCE COMPONENT W.O. 28478 INSTALLED NEW NOSE WHEEL TIRE PN 9544207-4, SN ON 71961092 REFERENCE COMPONENT W.O. # 28489. INSTALLED OVERHAULED MOD VALVE PN. 6600202-3, SN OFF 2198, SN ON 1823. INSTALLED SERVICEABLE FUEL FLOW TRANSMITTER PN 6600097-4, SN OFF 2416, SN ON 857. REPAIRED MACH TRIM COMPUTER PN 501-1132-05, SN 2146. REFERENCE COMPONENT W.O. # 28338. THE ABOVE DESCRIBED MAINTENANCE IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS ON FILE UNDER W.O. # 23311014002.		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	Aviation Services N140LJ TOTAL TIME: 306.2 31-140 LANDINGS 199 PAGE:2 DATE 01-21-98 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE INSTRUCTIONS AND PROCEDURES FOR AN INSPECTION PROGRAM REQUIRED BY FAR 91.409 (F) (3), AND IS APPROVED FOR RETURN TO SERVICE. PHASE A (1-6) B (1-6), 150/300 THRUST REVERSER INSPECTION. AUTHORIZED SIGNATURE <u>Robert B. [Signature]</u> DATE: 01-21-98 LEARJET INC, TUCSON SERVICE CENTER, 1255 E. AERO PARK BLVD. TUCSON AZ 85706 FAA CRS KW3R646L		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 Learjet canadair		
	A/C: <u>31-140</u> REG: <u>N140LJ</u> LDG: <u>252</u> TSN <u>383.9</u> CRS# <u>LJ9R810J</u> WICHITA, KANSAS		
	Replaced upper tail navigation light bulb P/N 1683. Repaired wiring to flap over ride switch. Replaced 3ea missing static wicks on delta fins. Replaced R/H main landing gear taxi light bulb P/N Q4681. Replaced static inverter S/N 1402 with a repaired unit P/N 501-1666-01 S/N 1008. Replaced FMS S/N 670 with a repaired unit P/N 1017-41-001 S/N 363. Replaced GPS antenna S/N 1652 with a new unit P/N 10704 S/N 3028. Calibrated nose wheel steering computer. Cleaned entry door key lock electrical contacts with contact cleaner. Adjusted and lubricated aileron brush seals. Replaced recog light p/n Q4681. Replaced R/H main landing gear taxi light bulb p/n Q4681. Serviced O2 system. Replaced fuel cross flow valve s/n 6111292 with repaired valve p/n 6600355-2, s/n 60127534. Replaced nose wheel steering computer S/N 1220 with a repaired unit P/N 501-1661-04 S/N 1200 and calibrated system. Replaced tail strobe light bulb P/N 31-0725-2. Replaced stereo Infra-red remote sensor P/N 282-00. Replaced FMS CDU S/N 363 with a repaired unit P/N 1017-41-001 S/N 394. Updated nav data base with "WORLDWIDE/EXTENDED", expires MAR 26,98.		
	THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER WORK ORDER NO.: <u>6140-06</u> DATE: <u>3-14-98</u>.		
	SIGNATURE <u><i>Samy Nelson</i></u> LEARJET INC. CRS# <u>LJ9R810J</u>		

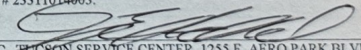
MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 Learjet canadair		
	A/C: <u>31-140</u> REG: <u>N140LJ</u> LDG: <u>252</u> TSN <u>383.9</u> CRS# <u>LJ9R810J</u> WICHITA, KANSAS		
	Removed KHF-950 HF system witch includes HF coupler P/N 064-1017-01, S/N14438 HF receiver/exciter P/N 064-1015-01, S/N 29793 and HF controller P/N 064-1016-03, S/N 9676. NOTE: Did not remove racks or previsions for HF.		
	THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER WORK ORDER NO.: <u>6140-06</u> DATE: <u>3-15-98</u>.		
	SIGNATURE <u><i>James P. Alvarado</i></u> LEARJET INC. CRS# <u>LJ9R810J</u>		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 N96LF TOTAL TIME: 386.0 31-140 LANDINGS: 253 PAGE:1 DATE: 3-27-98		
COMPLIED WITH THE FOLLOWING SPECIAL REQUIREMENTS INSPECTION/CHECKS. 3 MONTH MAIN BATTERIES CAP CHECK. REFERENCE COMPONENT W.O.#29326 AND 29327. 3 MONTH NI-CAD EMERGENCY POWER SUPPLIES OPS CHECK. PN 501-1712-02, #1 SN 1565, AND #2 SN 1339. 6 MONTH ENGINE FIRE EXTINGUISHER BOTTLES PRESSURE CHECK. 6 MONTH MAIN BATTERIES INSTALLATION INSPECTION/CHECK. 6 MONTH CABIN FIRE BOTTLES INSPECTION, WEIGHT CHECK SN 02B 2lbs 5oz, AND SN 01A 2lbs 4oz, AND MFG'S DATE. SN 02B 1 OCT 96, AND SN 01A 1 JAN 97. 6 MONTH WINDSHIELD ALCOHOL ANTI-ICE SYSTEM OPS CHECK. 6 MONTH ALCOHOL ANTI-ICE FILTER CLEAN OR REPLACE. 12 MONTH ENGINE FIRE EXTINGUISHER BOTTLES WEIGHT CHECK. RH SN 38324B1, WT 5.97 LBS, AND LH SN 38323B1, WT 6.00 LBS. CARTRIDGE MFG DATE 11/96 (4EA). 12 MONTH EMRGENCY POWER SUPPLY INSPECTION. REFERENCE COMPONENT W.O.#29328. INSTALLED 4 NEW MAIN LANDING WHEEL TIRES PN 17.5X5.75-8, SN RIGHT O/B 72510622, RIGHT I/B 72521304, LEFT I/B 72510620 AND LEFT O/B 72540910. INSTALLED NEW NOSE GEAR TIRE PN 184F10-2, SN 71961078. INSTALLED NEW AUX PUMP PRESSURE SWITCH PN 730626, SN OFF F790, SN ON F798. INSTALLED 3 NEW AIR CRUISER LIFE VESTS LEARJET PN 7607052-1, SN (SEP1997) 636-291, (SEP1997) 636-294, AND (SEP1997) 636-299.			

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 N96LF TOTAL TIME: 386.0 31-140 LANDINGS: 253 PAGE:2 DATE: 3-27-98		
INSTALLED 4 OVERHAULED BRAKE ASSEMBLIES PN 6600330-9, RIGHT I/B SN OFF NOV 96-4369, SN ON AUG 93-3615, RIGHT O/B SN OFF DEC 96-4383, SN ON JUL 87-695, LEFT I/B SN OFF SEP 94-3966, SN ON DEC 84-43, AND LEFT O/B SN OFF OCT 94-4000, SN ON JUL 87-684. REINSTALLED KING HF-950 EQUIPMENT-HF CONTROLLER PN 064-1016-03, SN 10236, HF RECEIVER/EXCITER PN 064-1015-01, SN30510, AND HF POWER AMPLIFIER ANTENNA PN 064-1017-01, SN 15530. INSTALLED LIGHTED CHART HOLDERS (MIANDA) PN 10-62-01, SN 2267 AND 2402 IN ACCORDANCE WITH DRAWINGS 3188215 AND 3188698. COMPLIED WITH ELECTRICAL LOAD ANALYSIS IN ACCORDANCE WITH DRAWING BAS31230112. PAINTED NEW REGISTRATION NUMBER N96LF. AIRCRAFT BASIC WEIGHT AND BALANCE AND REVISED EQUIPMENT LIST. INSERTED COPIES IN AIRCRAFT FLIGHT MANUAL. THE ABOVE DESCRIBED MAINTENANCE IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS ON FILE UNDER W.O. # 23311014003. SIGNATURE  DATE: 3-27-98 LEARJET INC. TUCSON SERVICE CENTER, 1255 E. AERO PARK BLVD. TUCSON, AZ 85706 FAA CRS KW3R646L.			

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
4-22-98	 Learjet A/C: 31-140 REG: N96LF LDG: 275 TSN 401.3 CRS# LJ9R810J WICHITA, KANSAS Cleaned and resealed baggage compartment floor, lower ADF antenna and froward and aft main cabin door tab seals. Replaced main ship batteries S/N's L/H G01682175 & R/H G01696361 with new units P/N G-6381E S/N's L/H G01754037 & R/H G01713611. Replaced relays K701 & K705 P/N MS27743-17 in MFD system. Adjusted cabin temperature indicator. Reconfigured EFIS per drawing 3188875-STD. Istalled new L/H wing fuel light green lens P/N GB-P. Inspected and functionally tested #2 comm control head S/N 4515. Adjusted altitude alerter volume. Replaced R/H AHRS AHS2 light bulb P/N 6839. Replaced pilots EADI S/N 2646 with a repaired unit P/N 066-03137-3300 S/N 2142. Replaced R/H main landing gear landing light bulb P/N Q4681. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER WORK ORDER NO.: 6140-07 DATE: 4-22-98 SIGNATURE <u>Richard Borker</u> LEARJET INC. CRS# LJ9R810J		
5-11-98	AD 98-08-20 NOT APPLICABLE DUE TO SERIAL NUMBER		
	Dave Praty A&P 411480553		
5-18-98	REMOVE CABIN TEMP GAUGE SN 128 INSTALL SN 143 Dave Praty A&P 411480553 OK return to service		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
Ooltewah Aviation Lear 31A N96LF S/N=140	DATE: 07/01/98 ACTT: 444.4 LDGS: 325 W/O#: 56204, 56206, 57111 1. Accomplished 150 hr. Inspection of L/H and R/H Thrust Reverser's. 2. Accomplished 3 month Inspection requirements of main aircraft batteries. 3. Accomplished 6 month Operational check of emergency power surrlies PS-855B. 4. Accomplished 6 month Inspection and weight check of portable fire extinguishers. 5. Accomplished 6 month Inspection of main aircraft battery installation. 6. Accomplished 6 month Inspection of L/H and R/H engine fire extinguishers. 7. Accomplished 6 month servicing and lubrication requirements. 8. Accomplished Yearly Inspection of Raisbeck Verticle Baggage Locker. 9. Installed new l/h motive flow valve p/n=2616049-13, s/n=510209. Remover s/n=267303. 10. Installed new l/h engine oil pressure restrictor fitting p/n=2656002-1. 11. Checked and adjusted Aileron and Rudder trim tab potentiometers. I certify this <u>Aircraft</u> has been inspected in accordance with a " <u>See Above</u> " inspection under FAR 91-409F(3) and approved for return to service. Details under W/O# 56204, 56206, 57111 Date <u>07/01/98</u> ACTT: <u>444.4</u> <u>Richard W. Ellis</u> for GARRETT AVIATION SERVICES, CRS# GW4R221M, Augusta, GA.		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	Ooltewah Aviation Lear 35 N96LF S/N=140 1. Installed repaired l/h engine oil pressure indicator p/n=6608404-1, s/n=8415-174. Removed s/n=9713-478. This aircraft or component has been inspected and work described above found airworthy for return to service. <u>07/22/98</u> Date <u>Reggie W. Ellis</u> Signed for GARRETT AVIATION SERVICES, CRS# GW4R221M, Augusta, GA.  A/C: <u>31-140</u> REG: <u>N96LF</u> LDG: <u>369</u> TSN: <u>476.6</u> CRS# LJ9R810J WICHITA, KANSAS Adjusted upper main cabin door hook guide assemblies and lubricated latch mechanism. Replaced R/H static inverter S/N 1008 with a repaired unit P/N 6608483-1 S/N 1040. Adjusted LH MLG actuator attach point torque. Replaced RH wing ground receptacle PN MS90298-2 with new. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER WORK ORDER NO.: <u>6140-08</u> DATE: <u>8-20-98</u> SIGNATURE <u>Don Knight</u> LEARJET INC. CRS# LJ9R810J		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 A/C: <u>31A-140</u> REG: <u>N96LF</u> LDG: <u>496.1</u> TSN: <u>358</u> CRS# LJ9R810J WICHITA, KANSAS Replaced safety valve vacuum shutoff solenoid p/n 15245, s/n 3831 with new solenoid s/n 3915. Repaired pressurization module p/n 2614062-23, s/n 55-1022 in lab. Resealed L & R baggage area wing hangers. Complied with visual inspection of outflow and safety valves with no defects noted. Replaced fuel flow xflow valve elbow p/n MS20762D12-16. Adjusted L & R inboard gear doors and complied with gear retraction test, ground FT OK. Serviced O ₂ system. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER WORK ORDER NO.: <u>6140-09</u> DATE: <u>Sept. 15, 1998</u> SIGNATURE <u>Reggie W. Ellis</u> LEARJET INC. CRS# LJ9R810J		

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BOMBARDIER
AEROSPACE



A/C S/N: 31-140
A/C REG: N96LF

A/C AFTT: 543.1
A/C LDGS: 407

AIRFRAME LOGBOOK ENTRY
Dated: 12/7/98

The Following Serialized Parts Were Replaced

Description	Part # Off	Serial # Off	Part # On	Serial # On	Status
Stand By Air Speed Indicator	2C131(02B7C1)	313	2C131(02B7C1)	297	Repaired

The Following Non Serialized Parts Were Replaced With New

Description	Part Number
Tail Nav Light	1683
Right Engine Hydraulic Pressure Line	3100010-129
Right Modification Valve Sense Line	3100010-56

Description	Part Number
Tail Strobe	31-0725-2
L/H Delta Fin Static Wick Base	15401

The Following Tires Listed Below Were Replaced

Description	Part # Off	Serial # Off	Part # On	Serial # On	Wheel Assy S/N	Part Status
# 1 Main Tire	178K-23-5	7254090	178K-23-5	83120645	Jun 92-2434	New
# 2 Main Tire	178K-23-5	72510620	178K-23-5	83120655	Jul 87-1277	New
# 3 Main Tire	178K-23-5	72510622	178K-23-5	83110566	Sep 91-2308	New
# 4 Main Tire	178K-23-5	72521304	178K-23-5	82740866	Apr 93-2559	New

The Following Maintenance Was Performed:

- Adjusted elevator, rudder and aileron cable tensions to within maintenance manual specifications.
- Adjusted left flap to obtain proper clearance between flap and aileron.
- Performed rirring adjustment of flap limmit switches.
- Replaced lower forward cabin door seal P/N 2411280-5.
- Complied with JET SB #4 on Emergency power supply S/N 1339.

Entries for W.O. 82311614001 are continued on the next page.

MAINTENANCE RECORD

Entries for W.O. 82311614001 are continued from previous page.

This aircraft was inspected and/or repaired in accordance with the manufactures maintenance manuals. All systems interrupted have been tested and /or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order No. 82311614001 and a copy has been provided to the owner/operator

The Following Special Inspection Items Were Complied With:

- 600 hour inspection of horizontal stab. Actuator S/N 051.
- Six month weight check of cabin portable fire extinguisher.
- Six month inspection of battery installation.
- Six month servicing /lubrication requirements.
- 300/600 hour servicing /lubrication requirements.
- Three month main battery service check.
- Operational and discharge inspection of both EPS batteries S/N 1339 & 1565
- Twelve month pressure and weight check of both engine fire extinguishers.
- Weighed aircraft and calculated new empty weight and CG.

I certify that this aircraft was inspected in accordance with th manufacturers recommended inspection program and was detrmind to be in airwothy condition and is approved for return to service.

Type of inspections accomplished 300 Hour A1 thru A6
600 Hour B1 thru B6
Left and Right 150/300/600 Hour Thrust Reverser

Signed:

Barry Donahue 12/7/98

Bombardier Aviation Services, Learjet Inc. 1 Bradley Int'l Airport
Windsor Locks, CT. 06096-1086C.R.S No. SH5R197N

MAINTENANCE RECORD

BOMBARDIER
AEROSPACE



A/C S/N: 31-140
A/C REG: VP-BML

A/C AFTT: 543.1
A/C LDGS: 407

AIRFRAME LOGBOOK ENTRY
Dated: 12/7/98

Removed U. S. Registration number N96LF and painted new Bermuda registration number VP-BML on both sides of vertical stabilizer and the under side of the lower left wing.

The work recorded above has been carried out in accordance with the requirements of the Air Navigational (Overseas Territories) Order, for the time being in force, and in that respect the aircraft/equipment is considered fit for release to service. Pertinent details are on file at this agency under work order No. 82311614001 and a copy has been provided to the owner/operator.

Signed:

Barry Donahue 12/7/98

Bombardier Aviation Services, Learjet Inc. 1 Bradley Int'l Airport
Windsor Locks, CT. 06096-1086 C.R.S No. SH5R197N

MAINTENANCE RECORD

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

MECHANIC'S
SIGNATURE

LICENSE
NUMBER



BOMBARDIER
AEROSPACE

I FIND THAT THE AIRCRAFT MEETS THE
REQUIREMENTS FOR THE CERTIFICATION
REQUESTED AND HAVE ISSUED A
STANDARD AIRWORTHINESS CERTIFICATE
DATED 9/08/99

Benjamin C. Choat
BENJAMIN C. CHOAT DART507001WP

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 BOMBARDIER AEROSPACE		
	N314AC TOTAL TIME: 717.8 31-140 LANDINGS: 526 PAGE: 1 DATE: 09-10-99		
	<u>COMPLIED WITH THE FOLLOWING AIRWORTHINESS DIRECTIVES:</u> AD 98-08-20 BENDIX/KING AUTO PILOT SERVO ACTUATORS; APPLICABLE TO PITCH SERVO ACTUATOR; NOT APPLICABLE TO YAW AND ROLL SERVO ACTUATORS. AD 98-14-03 ALLIEDSIGNAL KT 76A AIR TRAFFIC CONTROL TRANSPONDERS. NOT APPLICABLE TO TRANSPONDERS INSTALLED IN AIRCRAFT. AD 98-17-01 INSTALLED FLEX TUBE ASSEMBLY ON BOTH ENGINES (SB A73-3128).PREVIOUSLY COMPLIED WITH. AD 99-08-21 PURITAN BENNETT C351-2000 SERIES PASSENGER OXYGEN MASK. NOT APPLICABLE TO OXYGEN MASKS INSTALLED. AD 99-12-06 ALLIEDSIGNAL VERY HIGH FREQUENCY NAV RECEIVERS. AD 99-16-03 INSPECTION OF HORIZONTAL STABILIZER ANTI-ICE SYSTEM WIRING. <u>COMPLIED WITH THE FOLLOWING SERVICE BULLETINS:</u> SB 31-30-5 INSPECTION OF HORIZONTAL STABILIZER ANTI-ICE SYSTEM WIRING. <u>COMPLIED WITH THE FOLLOWING SPECIAL INSPECTION/CHECK REQUIREMENTS:</u> 3 MONTH CAPACITANCE CHECK OF LH AND RH MAIN AIRCRAFT BATTERIES. 6 MONTH CHECK OF PORTABLE FIRE EXTINGUISHER BOTTLES PRESSURE, WEIGHT CHECK, AND MFG.'S DATE.		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 BOMBARDIER AEROSPACE		
	N314AC TOTAL TIME: 717.8 31-140 LANDINGS: 526 PAGE: 2 DATE: 09-10-99		
	6 MONTH BOTH MAIN BATTERY INSTALLATION (BATTERY CASES, STRUCTURE, VENT TUBES AND VENT FITTINGS). 6 MONTH OPERATIONAL CHECK OF EMERGENCY POWER SUPPLIES. <u>COMPLIED WITH LARASCOPE INSPECTION OF BOTH WINDSHIELDS.</u> INSTALLED NEW NOSE GEAR SHUTTLE VALVE, PN 92465-2SV0614, SN OFF 3259, SN ON 3634. INSTALLED NEW LH WINDSHIELD, PN OFF 6600393-1, SN OFF 6950, PN ON 6600393-003, SN ON 997. INSTALLED NEW RH WINDSHIELD, PN OFF 6600393-2, SN OFF 8040, PN ON 6600393-004, SN ON 1072. INSTALLED NEW PASSENGER OXYGEN MASK IN # 5 OXYGEN COMPARTMENT, PN 289-601-228. INSTALLED NEW RUDDER TRIM TAB POTENTIOMETER, PN CMU1021. INSTALLED NEW AILERON TRIM INDICATOR POTENTIOMETER, PN CMU1021. INSTALLED NEW NOSE WHEEL ASSEMBLY PN 9544207-4, SN OFF NOV 91 7144, SN ON APR 99 8883. INSTALLED NEW REGISTRATION PLACARD ON GLARESHIELD. OVERHAULED LH STARTER / GENERATOR, PN 6608458-2, SN 97049. OVERHAULED RH STARTER / GENERATOR, PN 6608458-2, SN 97048. INSTALLED OVERHAULED # 1 BRAKE ASSEMBLY, PN 6600330-9, SN OFF JUL87-684, SN ON MAY63-30E. INSTALLED OVERHAULED # 2 BRAKE ASSEMBLY, PN 6600330-9, SN OFF DEC84-43, SN ON NOV75-1153. INSTALLED OVERHAULED # 3 BRAKE ASSEMBLY, PN 6600330-9, SN OFF JUL87-695, SN ON APR75-913. INSTALLED OVERHAULED # 4 BRAKE ASSEMBLY, PN 6600330-9, SN OFF AUG93-3615, SN ON SEP85-455.		

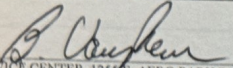
MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 BOMBARDIER AEROSPACE N314AC TOTAL TIME: 717.8 31-140 LANDINGS: 526 PAGE: 3 DATE: 09-10-99 REPAIRED NOSE WHEEL ASSEMBLY, PN 9544207-4, SN NOV91-7144, NEW TIRE SN 71890369. REPAIRED #1 MAIN GEAR WHEEL ASSEMBLY PN 5004913-6, SN JAN92-2434, NEW TIRE, SN 92051862. REPAIRED #2 MAIN GEAR WHEEL ASSEMBLY PN 5004913-3, SN JUL87 1277, NEW TIRE, SN 92060951. REPAIRED #3 MAIN GEAR WHEEL ASSEMBLY PN 5004913-6, SN SEP91 2308, NEW TIRE SN 92051187. REPAIRED #4 MAIN GEAR WHEEL ASSEMBLY PN 5004913-6, SN APR93 2559, NEW TIRE SN 92081890. REPAIRED LH ENGINE FIRE DETECT LOOP SUPPORT, PN 2659200-15. MODIFIED/REPAIRED PITCH SERVO ACTUATOR PER SB KSA 470-3, PN 065-0076-12, SN 2291. THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E. THE ALTIMETER HAS BEEN TESTED TO 53000 FEET. THE AIR DATA COMPUTER TEST REQUIRED BY FAR 91.411 HAS BEEN ACCOMPLISHED. AIR DATA COMPUTER NO. 1 PN 065-0082-03 SN 2058 STANDBY ALTIMETER PN N834-9001 SN 8037-B AIR DATA COMPUTER NO. 2 PN 065-0082-03 SN 2059		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 BOMBARDIER AEROSPACE N314AC TOTAL TIME: 717.8 31-140 LANDINGS: 526 PAGE: 4 DATE: 09-10-99 THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH FAR 43 APPENDIX F. TRANSPONDER NO. 1 PN 066-1103-00 SN 4154 TRANSPONDER NO. 2 PN 066-1103-00 SN 4153 REGISTRATION NUMBER CHANGED TO N314AC. REGISTRATION NUMBER PAINTED ON VERTICAL STABILIZER AND RH ENGINE UPPER AFT PYLON PANEL WITH TAN OF SHADES H-00206 PER MAINTENANCE MANUAL CHAPTER 20. PAINTED UNDER SIDE OF WINGS WHERE PREVIOUS REGISTRATION WAS LOCATED WITH OF WHITE 570-541 PER MAINTENANCE MANUAL CHAPTER 20. PERFORMED TEST FLIGHT 09-09-99 2.0 HOURS AND 1 LANDING. PERFORMED TEST FLIGHT 09-10-99 0.7 HOURS AND 1 LANDING. THE ABOVE DESCRIBED MAINTENANCE IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS ON FILE UNDER W.O. # 23311014004.		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 BOMBARDIER AEROSPACE N314AC TOTAL TIME: 717.8 31-140 LANDINGS: 526 PAGE: 5 DATE: 09-10-99 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE INSTRUCTIONS AND PROCEDURES FOR AN INSPECTION PROGRAM REQUIRED BY FAR 91.409 (F) (3), AND IS APPROVED FOR RETURN TO SERVICE. <u>PHASE A (1-6), PHASE B (1-6) AIRFRAME, 12 MONTH, 300, 600 HOUR RAISBECK LOCKER INSPECTIONS.</u> W.O. # 23311014004 AUTHORIZED SIGNATURE  ACFT. TOTAL TIME: 717.8 LEARJET INC, TUCSON SERVICE CENTER, 1255 E. AERO PARK BLVD, TUCSON AZ 85706 DATE: 09-10-99 FAA CRS KW3R646L		

Raytheon Aircraft



Beech

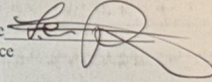
N 314AC

1/19/00

ACTT: unk

Adjusted and lubed both main gear actuators. ALL WORK PERFORMED ON WORK ORDER, WJE297, IS APPROVED FOR RETURN TO SERVICE.

Date 1-19-00

Signature 

Galvin Flying Service
6987 Perimeter Road
Seattle, WA. 98108
Repair Station HUNR846E

MECHANIC'S SIGNATURE

LICENSE NUMBER

MAINTENANCE RECORD

RADIO INSPECTION AND REPAIR

Raytheon Aircraft
Beech



N 314AC
ACTT: UNK

2/4/00

Removed and replaced #2 AHRS. P/n 065-0147-02 s/n 0471 off and p/n 065-0147-02 s/n 0363 on. ALL WORK PERFORMED ON WORK ORDER, WJE426 IS APPROVED FOR RETURN TO SERVICE.

Date 2/4/00 Signature [Signature]
Galvin Flying Service
6987 Perimeter Road
Seattle, WA. 98108
Repair Station HUNR846E

MECHANIC'S
SIGNATURE
LICENSE
NUMBER

FREQUENCY CHECKED		
DATE	INSPECTED BY	RESULTS

REPAIRS		
DATE	REPAIRED BY	REPAIRS MADE

Raytheon Aircraft
Beech



N314AC

Lear 31A

S/N: 140

Total time: 844.2

2/3/00

Removed and replaced copilot's sun-visor P/N: 2413279-3 with new. All work performed on Galvin Flying Service, Inc. work order, WJE479 is approved for return to service.

Date 2/3/00 Signature [Signature]
Galvin Flying Service, Inc.
6987 Perimeter Road
Seattle, WA. 98108
Repair Station HUNR846E

4-6-00 AIRFRAME TOTAL TIME UPON DELIVERY TO USED AIRCRAFT SALES
IN TUCSON, AZ ACTT. 879.7 HOURS LANDINGS 655
[Signature]
HUNR846E

FREQUENCY CHECKED			REPAIRS	
DATE	INSPECTED BY	RESULTS	DATE	REPAIRS MADE
SEE LOGBOOK #2 FOR CONTINUED ENTRIES				

[illegible]

[illegible][illegible]

[illegible]

Beech



N 314AC
ACTT: 865.1

3/7/00

Replaced forward cabin door cable. ALL WORK PERFORMED ON WORK ORDER, WJE775 ,IS APPROVED FOR RETURN TO SERVICE.

Date 3-7-00 Signature [Signature]
Galvin Flying Service
6987 Perimeter Road
Seattle, WA. 98108
Repair Station HUNR846E