

N977JP

1997 Learjet 31A

Airframe Logbooks (2000-2002)



MSN: 31A140

Prepared by the worldwide aviation specialists at RidgeAir, Inc.

31A-140
LOG #2

31A-140 LOG #2

AIRCRAFT LOG BOOK

BOMBARDIER
AEROSPACE

AIRCRAFT DESCRIPTION

LOGBOOK #2

MANUFACTURER LEARJET INC			PLACE WICHITA, KS		DATE 4-6-00
REGISTRATION NO.	TYPE 31A	SERIAL NO. 140	DESCRIPTION TWINJET		
SEATING CAPACITY (INCLUDE CREW): 10	WEIGHT EMPTY 10880.75	WEIGHT LOADED			
WING AREA 264.51 sqft	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 731-2-38		RATED THRUST 3500#	
PAINT	INTERIOR	EXTERIOR	STRIPE		

F.A.A. CERTIFICATION INSPECTION

AIRWORTHINESS DIRECTIVES COMPLIED WITH THROUGH CARD NO. _____

I HAVE INSPECTED THIS AIRCRAFT AND FOUND IT COMPLIES WITH THE REQUIREMENTS OF F.A.R. _____

CERTIFICATE OF AIRWORTHINESS DATED _____ WAS ISSUED BY ME.

SIGNED: _____, D.M.I.R. NO. _____

RECORD OF COMPLIANCE - FAA AIRWORTHINESS DIRECTIVES

[illegible]

SERVICE BULLETIN COMPLIANCE

[illegible]

FLIGHT TIME LOG

DATE	FROM	TO	FLT TIME		TOTAL TIME		LNDS	PILOTS	REMARKS
			HRS	MIN					
4-6-00	LOGBOOK OPENED —				879	7	655		
4-9-00	KTVS	KLAS	0	9	880	6	656		Goodwin/UNKINE
4-10-00	KLAS	KRFD	2	9	883	5	657		Unrein / Goodwin
4-10-00	KRFD	KTEB	1	6	885	1	658		
4-10-00	KTEB	KBDL	0	5	885	6	659		
4-12-00	KBDL	KBDL	0	4	886	0	661		P. Hertel / S. Wharum
4/13/00	KBDL	KLWM	0	4	886	4	662		S. Wharum / P. Hertel
4/13/00	KLWM	KBDL	0	3	886	7	663		S. Wharum / P. Hertel
4/13/00	KBDL	KLWM	0	4	887	1	664		P. Hertel / S. Wharum
4/13/00	KLWM	KBDL	0	4	887	5	665		P. Hertel / S. Wharum
5/5/00	KBDL	KBAL	0	9	888	3	666		P. Hertel / S. Wharum
5/5/00	KBAL	KBDL	0	8	889	1	667		" "
5/5/00	KBAL	KBWI	0	9	890	0	668		S. Wharum / P. Hertel
5/5/00	KBWI	KMHT	1	0	891	0	669		S. Wharum / P. Hertel
5/8/00	KMHT	KBDL		4	891	4	670		S. Wharum / P. Hertel
			TOTAL		670	VOR check 4-9-00			
			BROUGHT FORWARD			PXAR #1 152° PMB 11.5			
			GRAND TOTAL		670	#2 151° 11.6			

FLIGHT TIME LOG

DATE	FROM	TO	FLT TIME		TOTAL TIME		LNDS	PILOTS	REMARKS
			HRS	MIN	891	4			
06.14	BDL	ICT	3	4	894	8	671	RYAN/ZALEWSKI	
06.14	ICT	TUS	1	9	896	7	672	RYAN/ZALEWSKI	
06.15	TUS	FMN		9	897	6	673	ZALEWSKI / RYAN	
06.15	FMN	TUS		9	898	5	674	ZALEWSKI / RYAN	
06.15	TUS	ICT	1	9	900	4	675	ZALEWSKI / RYAN	
6/22	ICT	BDL	2	7	903	1	676	Goodwin / Zalewski	
6/23	BDL	MTN		7	903	8	677	P. Hertel / S. Wharen	
6/23	MTN	MPO		5	904	3	678	P. Hertel / S. Wharen	
6/23	MPO	MTN		5	904	8	679	S. Wharen / P. Hertel	
6/23	MTN	BDL		8	905	6	680	S. Wharen / P. Hertel	
7/24	BDL	MHT		3	905	9	681	S. Wharen / P. Hertel	
7/25	MHT	BDL		3	906	2	682	S. Wharen / P. Hertel	
1/8	DAL	ICT	1	0	907	2	683	G. Weakly	
VOR / BDL NOT 20 06.14.00 III.4			TOTAL						
			BROUGHT FORWARD						
			GRAND TOTAL						

MAINTENANCE RECORD

BOMBARDIER
AEROSPACE



A/C S/N: 31-140
A/C REG: N314AC

A/C AFTT: 887.5
A/C LDGS: 665

AIRFRAME LOGBOOK ENTRY
Dated: 5/5/2000

The Following Serialized Parts Were Replaced

Description	Part # Off	Serial # Off	Part # On	Serial # On	Status
T/R selector valve pressure switch	2365-15	1881	2365-15	988	New
T/R Pressure gauge	4900507-1	54-1	4900507-1	19769	New

The Following Non Serialized Parts Were Replaced With New

Description	Part Number	Description	Part Number
Static wick	16606	Static wick base	15401
RH hot tin chafe blocks	4950008-81	LH hot tin chafe blocks	4950008-81

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. **82311614002** and a copy has been provided to the owner/operator

I certify that this aircraft was inspected in accordance with the manufacturers recommended inspection program required by FAR 91.409 (f) (3) and was determined to be in airworthy condition and is approved for return to service.

The Following Special Inspection Items Were Complied With:

- Main batteries capacity checks.
- Operational check of both EPS Batteries.
- Operational and discharge inspection of both EPS batteries
- Weight check of all portable fire extinguishers.
- Inspection of battery installation.
- Oxygen bottle hydrostatic test

Type of inspections accomplished 150/300 hour inspection on left and right thrust reversers.

Signed:

Elie A Traboulsi

Learjet Inc. 1 Bradley Int'l Airport
Windsor Locks, CT 06096 FAA CRS SH5R197N

MAINTENANCE RECORD



BOMBARDIER
AEROSPACE

CUSTOMER: Used A/C Sales

MODEL: Lear 31

REG: N314AC

T.A.T: 897.7

LDGS: 674

DATE: August 7, 2000

S/N: 140

Accomplished the following maintenance:

Replaced #1 Nav. Control head w/serviceable P/N 071-1343-08 off/on; S/N 3866 off, S/N 3876 on.

The above airframe maintenance has been inspected and found to be in an airworthy condition with respect to the maintenance performed and is approved for return to service. A detailed record is on file under **W.O.# 4105460**

END

Bombardier Aerospace, Learjet, INC.
FAACRS L5VR603Y

Stephen Lechew

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
------	--	----------------------	----------------



BOMBARDIER
AEROSPACE

8405 Lemmon Ave. Dallas, TX 75235
F.A.A REPAIR STATION # L5VR603Y

CUSTOMER: Used A/C Sales
T.A.T: 915.2 LDGS: 687

MODEL: Lear 31 REG: N314AC
DATE: August 10, 2000 S/N: 140

Accomplished the following maintenance:

Replaced Radar transmitter w/serviceable P/N 071-01519-0101 off/on; S/N 2755 off, S/N 2663 on.

The above airframe maintenance has been inspected and found to be in an airworthy condition with respect to the maintenance performed and is approved for return to service. A detailed record is on file under **W.O.# 41045460**

-----END-----

Bombardier Aerospace, Learjet, INC.

FAACRS L5VR603Y

Stephen Lehen

Stephen Lehen

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
------	--	----------------------	----------------



BOMBARDIER
AEROSPACE

8405 Lemmon Ave. Dallas, TX 75235
F.A.A REPAIR STATION # L5VR603Y

CUSTOMER: Laredo Bank
T.A.T: 952.1 LDGS: 722

MODEL: Lear 31 REG: N314AC
DATE: September 20, 2000 S/N: 140

Accomplished the following maintenance:

Performed Radar stabilization check per MM Ch. 34-43-00.

Performed functional test of aircraft temperature control system per MM Ch. 21-60-00.

Replaced tail cone maintenance light bulb w/new P/N MS35478-1683 off/on

Performed functional test of the fuel quantity system per MM Ch 28-41-00.

Replaced R/H Hyd. Indicator w/repairs P/N 820-675 off/on; S/N 118 off; S/N 142 on.

Replaced AHRS w/inspected P/N 065-0147-02 off/on; S/N 0363 off; S/N 0640 on per AMM 34-28-01

Ops checked autopilot per AMM 22-11-00

Performed functional test of A/C Pressurization system per MM Ch 21-30-00

Removed and replaced potentiometer with new P/N A435300FKS1-2 per AMM 21-21-01

Replaced cockpit blower motor with overhauled P/N 2619387-2, S/N 246off; P/N 2619387-3, S/N 2350 on

Replaced cabin air gasper w/new P/N 4362-1 off/on

Replaced cockpit blower potentiometer w/new P/N A43S300FKS1-2 off/on

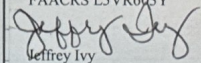
MAINTENANCE RECORD

DATE	MECHANIC'S SIGNATURE	LICENSE NUMBER
The above airframe maintenance has been inspected and found to be in an airworthy condition with respect to the Maintenance performed and is approved for return to service. A detailed record is on file under W.O.# 4105781 -----END----- Bombardier Aerospace, Learjet, INC. FAACRS LSVR603Y <i>Stephen Lehew</i> Stephen Lehew		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
BOMBARDIER  AEROSPACE Aviation Services A/C: <u>31-140</u> REG: <u>N314AC</u> LDG: <u>724</u> TSN: <u>955.3</u> CRS# LK2R981K WICHITA, KANSAS Replaced L/H main landing gear outboard brake hose P/N 2307006-35 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>6140-12</u> DATE: <u>9-20-00</u> SIGNATURE <i>Samuel Nelson</i> LEARJET INC. CRS# LK2R981K			

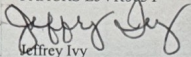
DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
 BOMBARDIER AEROSPACE 8405 Lemmon Ave. Dallas, TX 75235 F.A.A REPAIR STATION # L5VR603Y			
CUSTOMER: <u>Laredo Bank</u> MODEL: Lear 31A REG: <u>N314AC</u> T.A.T: 956.2 LDGS: 725 DATE: October 17, 2000 S/N: <u>140</u>			
Accomplished the following maintenance: Installed external baggage door placard P/N 93.L-5310-303. Removed Nose gear Uplock actuator P/N 2417016-1, S/N 4238, the Shuttle valve P/N 2SV0413, S/N 3634 and Nose gear Actuator assembly P/N 2317100-016, S/N K10026. Shuttle valve was inspected, Uplock actuator and NG Actuator assembly repaired and bench tested at Lear Jet CRS LK2R981K, Reinstalled Nose gear actuator, Shuttle valve and Uplock Actuator, Functional and leak checked satisfactory per LR31 MM 32-32-03 Removed Co-pilots EHSI P/N 066-03137-3300, S/N 2421 for use in LR31 S/N 150, EHSI removed from LR31 S/N 150 and reinstalled in original position per LR31 MM 34-27-00 The above airframe maintenance has been inspected and found to be in an airworthy condition with respect to the maintenance performed and is approved for return to service. A detailed record is on file under W.O.# <u>4106108</u>			
1			

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
-----END----- Bombardier Aerospace, Learjet, INC. FAACRS L5VR603Y  Jeffrey Ivy			
2			

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
 BOMBARDIER AEROSPACE 8405 Lemmon Ave. Dallas, TX 75235 F.A.A REPAIR STATION # L5VR603Y			
CUSTOMER: <u>Laredo Bank</u> MODEL: <u>Lear 31A</u> REG: <u>N314AC</u> T.A.T: <u>956.2</u> LDGS: <u>725</u> DATE: <u>October 17, 2000</u> S/N: <u>140</u>			
Accomplished the following maintenance: Installed external baggage door placard P/N 93.L-5310-303. Removed Nose gear Uplock actuator P/N 2417016-1, S/N 4238, the Shuttle valve P/N 2SV0413, S/N 3634 and Nose gear Actuator assembly P/N 2317100-016, S/N KI0026. Shuttle valve was inspected, Uplock actuator and NG Actuator assembly repaired and bench tested at Lear Jet CRS LK2R981K. Reinstalled Nose gear actuator, Shuttle valve and Uplock Actuator, Functional and leak checked satisfactory per LR31 MM 32-32-03 Removed Co-pilots EHSI P/N 066-03137-3300, S/N 2421 for use in LR31 S/N 150, EHSI removed from LR31 S/N 150 and reinstalled in original position per LR31 MM 34-27-00 The above airframe maintenance has been inspected and found to be in an airworthy condition with respect to the maintenance performed and is approved for return to service. A detailed record is on file under W.O.# 4106108			
1			

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
-----END----- Bombardier Aerospace, Learjet, INC. FAACRS L5VR603Y  Jeffrey Ivy			
2			

MAINTENANCE RECORD

DATE

MECHANIC'S
SIGNATURE

LICENSE
NUMBER



**BOMBARDIER
AEROSPACE**

8405 Lemmon Ave. Dallas, TX 75235
F.A.A REPAIR STATION # L5VR603Y

CUSTOMER: Laredo Bank

MODEL: Lear 31

REG: N314AC

T.A.T: 958.0

LDGS: 727

DATE: September 28, 2000

S/N: 140

Accomplished the following maintenance:

- Adjusted lower entry door per L31 MM 52-11-03.
- Calibrated flap position indicator, functional checked good per L31 MM 27-50-08.
- Adjusted nose gear actuator rod end, operational checked good, per L31 MM 32-32-10.
- Adjusted R/H main landing gear door latch switch main gear operational checked good per L31 MM 32-31-00.
- Removed ADF P/N 071-1347-07, S/N 4315, Installed ADF P/N 071-1347-07, S/N 3960(Inspected), Functional checked good, per L31 MM 43-51-00.
- Adjusted L/H and R/H uplock mechanism per LR MM 32-31-02

The above airframe maintenance has been inspected and found to be in an airworthy condition with respect to the Maintenance performed and is approved for return to service. A detailed record is on file under **W.O. 4106108**

END

Bombardier Aerospace, Learjet, INC.
FAACRS L5VR603Y

Stephen Lehw

Stephen Lehw

MAINTENANCE RECORD

MECHANIC'S
SIGNATURE

LICENSE
NUMBER



**BOMBARDIER
AEROSPACE**

8405 Lemmon Ave. Dallas, TX 75235
F.A.A REPAIR STATION # L5VR603Y

CUSTOMER: Laredo Bank

MODEL: LR31A

REG: N314AC

T.A.T: 965.0

LDGS: 732

DATE: October 19, 2000

S/N: 140

Accomplished the following maintenance:

Amendment to logbook entry dated 10/17/00

Performed functional test on the Main landing gear per LR31 MM 32-32-02 Ops checked satisfactory.

The above airframe maintenance has been inspected and found to be in an airworthy condition with respect to the maintenance performed and is approved for return to service. A detailed record is on file under

W.O.# 4106108

END

Bombardier Aerospace, Learjet, INC.
FAACRS L5VR603Y

Jeffrey Ivy
Jeffrey Ivy

MAINTENANCE RECORD

DATE

MECHANIC'S
SIGNATURE

LICENSE
NUMBER

The Laredo National Bank Aviation Department

Date: 11/02/00

A/C: 31A-140 REG: N314AC TSN: 1000.7 LDG: 756

Replaced valve shuttle Part Number 2SV0413, Serial Number On 15724, Serial Number Off D 15116. Replace Hose Assy-Nose Gear up Latch Actuator. Part Number 2307006-46 Replaced Union Part Number AN815-4J. Test the hydraulic system for leaks. Checked O.K.

Miguel H. Flores
Miguel H. Flores
A/P 460991570

MAINTENANCE RECORD

DATE

The Laredo National Bank Aviation Department

Date: 11/11/00

A/C: 31A-140 REG: N314AC TSN: 1009.5 LDG: 764

Replaced valve shuttle Part Number 2SV0413, Serial Number On D1582, Serial Number Off 15724. Check the hydraulic system and service with 5606 Fluid. Checked for leaks. Checked O.K.

Miguel H. Flores
Miguel H. Flores
A/P 460991570

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
The Laredo National Bank Aviation Department			
Date: 11/25/00			
A/C: <u>31A-140</u> REG: <u>N314AC</u> TSN: <u>1022.9</u> LDG: <u>783</u>			
Replaced both batteries with Concorde Part Number RG-380E/40L, L/H Serial Number On CBC385530, R/H Serial Number On CBC385531. Replaced ART 2000 Part Number 071-01519-0101. Serial Number On 4481, Serial Number Off 2663. Check the Radar test flew the aircraft. Aircraft checked O.K.			
<i>Miguel H. Flores</i> Miguel H. Flores A/P 460991570			

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
The Laredo National Bank Aviation Department			
Date: 12/04/00			
A/C: <u>31A-140</u> REG: <u>N314AC</u> TSN: <u>1036.7</u> LDG: <u>794</u>			
Replaced L/H current sensor P/N 256-1 Serial Number On 24208, Serial Number Off 1920. Run both engines check amps. Aircraft checked O.K.			
<i>Miguel H. Flores</i> Miguel H. Flores A/P 460991570			



BOMBARDIER
AEROSPACE

8405 Lemmon Ave. Dallas, TX 75235
F.A.A REPAIR STATION #L 5VR603Y

CUSTOMER: Bombardier Used A/C

MODEL: Lear 31

REG: N314AC

T.A.T: 1051.1

LDGS: 801

DATE: December 22, 2000

S/N: 140

Accomplished the following inspections:

300 Hour A1-A6
150 Hour Left and Right Engine Thrust Reverser Inspection
6 Month Battery Installation Inspection
12 Month Weight check of Engine Fire Extinguishers
24 Month Dry Bay Inspection
24 Month Wing fuel cell inspection
IRN H2431017 300 hour Main battery connector inspection
IRN B2620005 Check Engine Fire Extinguishers container pressure
IRN C2620030 Inspect Portable Hand held Fire Extinguishers
IRN H5210025 Visually Inspect Lower Cabin Door Structure
IRN D1223015 Perform Discharge check PS-855B Lead Acid Emergency Pwr Supply

Accomplished the following Airworthiness Directives and Service Bulletins:

S/B 31-30-05 Horizontal Stab Ice and Rain Protection

S/B 31-35-04 Inspection of cabin Oxygen Plumbing

Advisory Wire 27-014 Flap Chaffing, Blended L/H Inbd flap fairing. R/H Fairing exceeded limits approval From Learjet Engineering for further flight not to exceed 100 hours

Accomplished the Following Maintenance

Replaced cabin Fire Extinguisher with new P/N 344T.
Removed Emergency Pwr Supplies P/N **501-1712-02**, S/N **1339** and S/N **1565**, Top charged by R&R Batteries CRS 451510090, W.O. GA2000-367, Reinstalled Emergency Pwr Supplies in original position Per LR31 MM 24-33-01, Functional tested satisfactory.
Replaced upper and lower Tail Nav light bulbs with new P/N 1683 ops checked satisfactory per LR31 MM 33-40-02.
Replaced L/H MLG Door switch with new P/N **1SM1**, per LR31 MM 32-60-02 functional tested satisfactory.
Replaced R/H oil pressure gauge with repaired unit P/N **6608404-1**, S/N **8415-174** off/on S/N **8323-137**. replaced oil pressure transmitter with repaired unit P/N **418-08064**, S/N **9709014** off/on S/N **9422026** per LR31 MM 79-30-02 performed engine run ops checked satisfactory.
Replaced L/H and R/H control boot with new L/H P/N **2313220-11**, R/H P/N **2313220-012** per LR31 MM 27-30-02
Removed Nose wheel P/N **9544207-4**, S/N **Apr99-8883** for repair and inspection, Aviall CRS UAVR972K Tire replaced with new P/N **184F10-2**, S/N **781890369** reinstalled wheel and tire assy per LR31 MM 32-41-00.
Repaired L/H wing to Fuselage fairing per SRM51-70-01

LICENSE
NUMBER

MAINTENANCE RECORD

Removed L/H Main battery P/N RG380E/40L, S/N CBC385530 and installed new battery P/N G6381E S/N G01908037 per LR31 MM 24-32-01 ops checked satisfactory.
 Removed R/H Main battery P/N RG380E/40L, S/N CBC385531 and installed new battery P/N G6381E S/N G01916311 per LR31 MM 24-32-01 ops checked satisfactory
 Repaired fuel transfer switch by resoldering wires to switch. Functional checked transfer system per LR31 MM 28-00-00
 The above airframe maintenance has been inspected and found to be in an airworthy condition with respect to the maintenance performed and is approved for return to service. A detailed record is on file under W.O.4107598-----END-----

Bombardier Aerospace, Learjet, INC.
 FAACRS L5VR603Y

Jeffrey Ivy
 Jeffrey Ivy

I certify that this aircraft has been inspected in accordance with the inspections and procedures for an inspection program required by FAR 91.409(f) 3 and is approved for return for service.

W.O.# 4107598 TAT: 1051.1 Ldgs: 801 Insp.: 300 Hour A1-A6 S/N.: 140

Authorized Signature *Jeffrey Ivy* Date December 22, 2000

Bombardier Aerospace, Learjet, INC.
 8405 Lemmon Ave., Dallas, TX 75235

FAA CRS L5VR603Y

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	BOMBARDIER AEROSPACE  Aviation Services	A/C: 31-140 REG: N314AC LDG: UNK. TSN: UNK. CRS# LK2R981K WICHITA, KANSAS	
	Complied with verification Service Bulletin 31-34-11 "Installation of Air Dated Computers for RVSM Compatibility. Replaced Primary ADC P/N 3118115-600 S/N 2059 with new P/N 065-0082-14 10814. Replaced secondary ADC P/N 3118115-600 S/N 2059 with new P/N 065-0082-14 S/N 10815. Replaced L/H wing nav lens with new P/N 12225-0022-5.		
	I CERTIFY THAT THE AIR DATA UNIT AND SYSTEM TESTS REQUIRED BY FAR. PART 91.411 HAVE BEEN PERFORMED ON. PILOTS ADC S/N: 10814 NEXT TEST DATE: 8 Nov 2002 TESTED TO : 55,000 FT. COPILOTS ADC S/N: 10815 NEXT TEST DATE: 8 Nov 2002 TESTED TO : 55,000 FT.		
	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.: 6140-13 DATE: 01-12-01		
	SIGNATURE <i>Ken Roth</i> LEARJET INC. CRS# LK2R981K		
	I certify that Bombardier Aerospace aircraft serial # 140-LR31 according to records Provided: TAT: 1052.0 Ldgs: 802		
	Authorized Pilot Signature <i>Jeffrey Ivy</i> 464137439 1-19-01		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	BOMBARDIER AEROSPACE  Aviation Services A/C: <u>31-140</u> REG: <u>314AC</u> LDG: <u>683</u> TSN: <u>907.2</u> CRS# <u>LK2R981K</u> WICHITA, KANSAS Replaced pilots oxygen mask S/N 60813 with repaired P/N 6600214 S/N 84483. Repaired fuel leak on #9 wing panel. 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>6140-14</u> DATE: <u>01-25-01</u> SIGNATURE <u>[Signature]</u> LEARJET INC. CRS# <u>LK2R981K</u>		
<u>2-15-01</u>	<u>Removed Right Main Landing Gear Actuator P/N 2327100-031</u> <u>S/N 0078 AND Installed Landing Actuator P/N 2327100-25</u> <u>S/N B-175. Removed AND Installed per 31MM 32-31-01</u> <u>ops checked and leak checked per 31MM - 32-39-00 and</u> <u>checked Rigging per 32-11-00. ops checked good.</u> <u>[Signature] For General Dynamics Aviation Services</u> <u>P54R 560/K</u>		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 Corporate Jets, Inc. 14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400 N314AC Lear 31A s/n 140 1095.2 AFTT February 23, 2001 Airframe Log Book Rigged upper cabin door handle aft pin and switch. Operational check was good. Work performed IAW Lear 31A MM 52-12-02. Removed aircraft batteries, charged batteries, checked specific gravity, installed both batteries. Serviced the oxygen system. Checked fuel transfer system, no problems noted. Checked rate of descent knob on pilots altimeter. Altimeter bar followed I click of knob dropped 100 feet, no problems noted. I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. 17571 <u>[Signature]</u> CORPORATE JETS, INC. FAA CRS# <u>LN3R663L</u>		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 N314SC TOTAL TIME: 1059.4 31-140 LANDINGS: 807 PAGE: 1 DATE: 2/10/01		
	BOMBARDIER AEROSPACE		
	INSTALLED #1 OVERHAULED BRAKE ASSEMBLY PN 6600330-9 SN OFF MAY68-30E SN ON APR 94-3808. INSTALLED #2 OVERHAULED BRAKE ASSEMBLY PN 6600330-9 SN OFF NOV 75-1153 SN ON SEP 85-375. INSTALLED #3 OVERHAULED BRAKE ASSEMBLY PN 6600330-9 SN OFF APR 75-913 SN ON MAY 84-1065. INSTALLED #4 OVERHAULED BRAKE ASSEMBLY PN 6600330-9 SN OFF SEP 85-445 SN ON JUN 77-683.		
	THE ABOVE DESCRIBED MAINTENANCE IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS ON FILE UNDER W.O. # 23311014005		
	AUTHORIZED SIGNATURE <u>Kevin Stenard</u> DATE: 2/10/01 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
	 N314AC TOTAL TIME: 1086.1 31-140 LANDINGS: 848 PAGE: 1 DATE: 3-8-01		
	BOMBARDIER AEROSPACE		
	COMPLIED WITH 3 MO. CAPACITANCE CHECK OF MAIN AIRCRAFT BATTERIES. SERVICED OXYGEN SYSTEM PER LEAR MAINTENANCE MANUAL CHAPTER 12-10-09. SERVICED TIRES PER LEAR MAINTENANCE MANUAL CHAPTER 12-10-05. FUNCTIONAL TESTED LANDING GEAR CONTROL, PN 3118288-3, SN 348062.		
	THE ABOVE DESCRIBED MAINTENANCE IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS ON FILE UNDER W.O. # 23311014006.		
	AUTHORIZED SIGNATURE <u>[Signature]</u> DATE: 3-8-01 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
	 Corporate Jets, Inc. 14800 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400 N 314AC Date: April 10, 2001 Model # Lear 31A S/N 140 HOBBS 1128.8 LNG.		
	AIRFRAME LOG ENTRY Installed new static wick p/n DG16920 on the left Delta fin. Serviced the oxygen system. Installed new pilot's windshield high voltage cover p/n T2513089-015. Performed maintenance preflight inspection IAW Corporate Jets, INC. check list. Glued new Velcro on left forward facing seat life vest cover. C/W 30 day inspection of cockpit/ cabin fire bottle. Installed new right hand landing light bulb p/n Q4681, operational check good. I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. 17755 <i>Michael D. Morgan</i> CORPORATE JETS, INC. FAA CRS# LN3R663L		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	 BOMBARDIER AEROSPACE		
	N314AC TOTAL TIME: 1136.9 <i>1136.9</i> 31-140 LANDINGS: 872		PAGE: 1 DATE: 05-09-01
	COMPLIED WITH THE FOLLOWING AIRWORTHINESS DIRECTIVES: AD 2001-07-11 INSPECT/REPLACE GOODYEAR MAIN GEAR TIRES, PART NUMBER 178K23-5 BY SERIAL NUMBER FROM 0148XXXX THRU 0152XXXX INCLUSIVE PER ADVISORY WIRE 32-021. INSPECTED AND FOUND TO BE NOT APPLICABLE BY SERIAL NUMBERS.		
	INSTALLED NEW ENGINE LIGHTING OVERLAY, PN 7608024-002, SN 3722. REPAIRED GEAR CONTROL PANEL, PN 3118288-3, SN 348062. REPAIRED #1 MAIN GEAR WHEEL ASSEMBLY, PN 5004913-3, SN JUL87-1275: <u>NEW TIRE SN 00591174</u> REPAIRED #2 MAIN GEAR WHEEL ASSEMBLY, PN 5004913-3, SN OCT87-1708: <u>NEW TIRE SN 01440805</u> #1 AND #2 MAIN GEAR TIRES DUE 12 HOUR LEAK CHECK DUE AT 3:00 PM CST, 05-10-01.		
	THE ABOVE DESCRIBED MAINTENANCE IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS ON FILE UNDER W.O. # 23311014007.		
	AUTHORIZED SIGNATURE <i>Michael D. Morgan</i> LEARJET INC. TUCSON SERVICE CENTER, 1255 E. AERO PARK BLVD. TUCSON AZ 85706 FAA CRS KW3R646L		DATE: 05-09-01

MAINTENANCE RECORD

BOMBARDIER
AEROSPACE
Aviation Services



A/C: 31-140 REG: N314AC LDG: 873 TSN: 1138.6
CRS# LK2R981K WICHITA, KANSAS

ENSE
MBER

Verified **AD 99-23-19** "Inspection/Replacement of Spoiler Actuator" does not apply due to aircraft serial number.

Verified **AD 99-04-10** "Replacement of Day-Ray products cabin fluorescent light ballasts" was found to be not applicable due to equipment installed.

Verified **AD 98-25-10R1** "Replacement of Aircraft Belts Inc. Seat Restraint System" does not apply due to equipment installed.

Verified **AD 98-06-28** "Replacement of auxiliary cabin heater wiring" was found to be not applicable due aircraft serial number.

Complied with 300-Hour Raisbeck aft stowage locker inspection.

Complied with 12-Month Raisbeck aft stowage locker inspection.

Replaced horizontal stabilizer actuator P/N 3135540-009 S/N 051 with newly overhauled unit (Ref. Lab W.O. #278192) S/N 075 satisfying 600-Hour Inspection next due 1738.6-acft hrs.

Overhauled horizontal stabilizer actuator motors P/N 6608443-2 S/N 1592B (Ref. Lab W.O. #275130) and P/N 6608443-8 S/N 82 (Ref. Lab W.O. # 275129).

✓ Replaced L/H MLG retract hose P/N 2307006-131 with new.

Replaced loaner R/H MLG actuator P/N 2327100-25 S/N B-175 with original repaired actuator P/N 2327100-031 S/N KI0078. *TIME ON SERV?*

✓ Verified UBL DK100 replacement date Sept 2002.

Replaced nose wheel steering servo S/N 1143 with ^{OVERHAULED} repaired P/N 501-1662-01 S/N ~~1109~~ ¹¹⁰⁹.

Replaced yaw force sensors pilots S/N 780 copilots S/N 628 with new P/N 6608-498 pilots S/N 349 copilots S/N 1174.

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: 300-Hour Raisbeck Locker, 12-Month Raisbeck Locker, 600-hr Hort. Stab., 150,300, and 600 Hour L/H and R/H Thrust Reverses.

A/C TSN: 1138.6 W/O # 6140-16

A/C LDG: 873 Date: 05-13-01

SIGNATURE: *KK R*

CRS# LK2R981K

MAINTENANCE RECORD

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

MECHANIC'S
SIGNATURE

LICENSE
NUMBER



BOMBARDIER
AEROSPACE

CUSTOMER: Bombardier Used A/C
T.A.T: 1148.5 LDGS: 879

MODEL Lear 31A
DATE: May 18, 2001

8405 Lemmon Ave. Dallas, TX 75235
F.A.A. CRS #L5VR603Y

REG N314AC
S/N: 140

Accomplished the Following Maintenance:

Tightened crew fan knob per LR31 MM 21-21-01
Seat belt on aft facing seat placarded **do not use**

The above airframe maintenance has been inspected and found to be in an airworthy condition with respect to the maintenance performed and is approved for return to service. A detailed record is on file under **W.O.#4110600-END---**
Bombardier Aerospace, Learjet, INC.

FAACRS L5VR603Y

Jeffrey M. [Signature]
Jeffrey M.

BOMBARDIER
AEROSPACE
Aviation Services

CRS# LK2R981K WICHITA, KANSAS

Replaced R/H taxi/landing light P/N Q4681 with new.

Replaced tailcone lower navigation light bulb P/N 1683 with new.

Replaced L/H fuselage battery vent adapter P/N 3620 with new.

Updated navigation database expires: 12 July 2001.

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.: 6140-19 DATE: 20 June 2001.

SIGNATURE Brian Cockett LEARJET INC. CRS# LK2R981K

BOMBARDIER
AEROSPACE
Aviation Services

CRS# LK2R981K WICHITA, KANSAS

Serviced Air Conditioning system.

Replaced R/H engine fuel drain line P/N 50C4L 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.: 6140-18 DATE: 5-18-01.

SIGNATURE *Jeffrey A. McKinnis* LEARJET INC. CRS# LK2R981K

DATE



A/C: 31-140 REG: N314AC LDG: 922 TSN: 1203.2
800 N. Oliver Newton, Kansas 67114

LICENSE
NUMBER

Accomplished the following inspections:

- 300 Hour A1-A6
- 600 Hour B1-B6
- 1200 Hour C1-C6
- 150 Hour L/H and R/H Thrust Reverser Inspection
- 300 Hour L/H and R/H Thrust Reverser Inspection
- 600 Hour L/H and R/H Thrust Reverser Inspection
- 1200 Hour L/H and R/H Thrust Reverser Inspection
- 1200 Hour Cabin Leak Rate Inspection
- 2 Year CVR ULB Service
- 600 Hour Larascope of Left and Right Windshields
- 6 Month Main Battery Installation Inspection
- 6 Month Hand Held Fire Extinguishers Pressure and Weight Inspection
- 6 Month Engine Fire Extinguishers Pressure and Plumbing Inspection
- 1200 Hour Flap Cam Follower Bearing Inspection
- 1200 Hour Flap Track Support Fitting Inspection
- 6 Month Emergency Power Supply Operational Check

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409
(f)(3) INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Signature Andy Rusch Andy Rusch A/P 471948456 Date July 27, 2001



A/C: 31-140 REG: N314AC LDG: 922 TSN: 1203.2
800 N. Oliver Newton, Kansas 67114

LICENSE
NUMBER

Accomplished the following Airworthiness Directives:

- AD 74-08-09R2 No Smoking Placards Installed
- AD 2001-07-11 Inspect/Replace Goodyear Main Gear Tire.
Inspected and found to be not applicable by serial numbers
- Advisory Wire 27-014 Flap Chaffing
Inspected Left Flap and no anomalies noted
Repaired Right Flap per SRM 51-70-01

Accomplished the following maintenance:

- Replaced 4ea. Engine Fire Extinguisher Carts. P/N: 30903823
- Replaced Air Conditioner Compressor Motor with overhauled unit. P/N: 6608248-4 S/N off: 883 S/N on: 8S
- Replaced Emergency Pressure Aneroid with new. P/N: E45C47 S/N off: 3647 S/N on: 4161
- Repaired #1 Main Gear Wheel Assembly. P/N: 5004913-3 S/N: Jul87-1275
New Tire S/N: 001211470
- Replaced #1 Main Battery with new. P/N: G-6381E S/N off: G01908037 S/N on: G01940534
- Replaced #2 Main Battery with new. P/N: G-6381E S/N off: G01916311 S/N on: G01940551
- Replaced 4ea. Flap Nose Roller Bushings with new. P/N: NAS76A4-021
- Replaced L/H Windshield with new. P/N: 6600393-003 S/N off: 997 S/N on: 1279
- Replaced R/H Ice Detect Light with new. P/N: 6839
- Replaced #2 Main Battery Pan Drain Connector with new. P/N: 3621
- Replaced Air Conditioner V-Belt with new. P/N: 3VX475

PAGE 1

CONT. NEXT PAGE

OR MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
Page 2.			
Replaced Pilots Sun Visor with new. P/N: 2413279-3 Replaced Alcohol Tank Cap with new. P/N: 39078			
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.: 31-140-01 DATE July 27, 2001			
Signature <u>Andy Rusch</u> Andy Rusch A/P 471948456 Date July 27, 2001			

OR MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
		AJC: 31-140 REG: N314AC LDG: 922 TSN: 1203.2 800 N. Oliver Newton, Kansas 67114	
Standby Altimeter P/N 8047-700-53 S/N 8037B			
I Certify that the Altimeter and Static System tests required by FAR 91.411, Part 43 Appendix E Have been performed. The Altimeter have been tested to 51,000 feet			
Next test required 08-09-2003			
Signature <u>Michael Weddle</u> Michael Weddle A/P 507988054 Date Aug 09, 2001			
Transponder #1 P/N 066-1103-00 S/N 4154		Transponder #2 P/N 066-11103-00 S/N 4163	
I certify that the Transponder test required by FAR 91.413 has been accomplished.			
Next test required 08-09-2003			
Signature <u>Michael Weddle</u> Michael Weddle A/P 507988054 Date Aug 09, 2001			

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
Page 2.			
Replaced Pilots Sun Visor with new. P/N: 2413279-3 Replaced Alcohol Tank Cap with new. P/N: 39078			
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.: 31-140-01 DATE July 27, 2001			
Signature <u>Andy Rusch</u> Andy Rusch A/P 471948456 Date July 27, 2001			

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
		A/C: 31-140 REG: N314AC LDG: 922 TSN: 1203.2 800 N. Oliver Newton, Kansas 67114	
Standby Altimeter P/N 8047-700-53 S/N 8037B			
I Certify that the Altimeter and Static System tests required by FAR 91.411, Part 43 Appendix E Have been performed. The Altimeter have been tested to 51,000 feet Next test required 08-09-2003			
Signature <u>Michael Weddle</u> Michael Weddle A/P 507988054 Date Aug 09, 2001			
Transponder #1 P/N 066-1103-00 S/N 4154		Transponder #2 P/N 066-11103-00 S/N 4163	
I certify that the Transponder test required by FAR 91.413 has been accomplished. Next test required 08-09-2003			
Signature <u>Michael Weddle</u> Michael Weddle A/P 507988054 Date Aug 09, 2001			



BOMBARDIER
AEROSPACE

8405 Lemmon Ave. Dallas, TX 75235
F.A.A. CRS #L5VR603Y

CUSTOMER Bombardier Used A/C
T.A.T. 1228.5 LDGS. 947

MODEL Lear 31A
DATE: September 14, 2001

REG N314AC
S/N: 140

USE
BER

Accomplished the Following Maintenance:

Repaired fwd upper door seal, and upper aft door seal IAW L31 MM 52-10-02
Replaced Co-pilot's Yaw force sensor with new P/N 6608498-1, S/N 1174 off/on S/N 1144 per LR31 MM 22-51-02
And functional tested rudder boost per LR31 MM 21-51-00
The above Airframe maintenance has been inspected and found to be in an airworthy condition with respect to the maintenance performed and is approved for return to service. A detailed record is on file under **W.O.# 4112341**

END

Bombardier Aerospace, Learjet, INC.
FAACRS L5VR603Y

Jeffrey Ivy
Jeffrey Ivy



A/C: 31-140 REG: N314AC LDG: 931 TSN: 1214.2

CRS# LK2R981K WICHITA, KANSAS

Replaced Standby Gyro P/N 501-1197-05 S/N 6010 with repaired S/N 2747.
Reinstalled R/H and L/H AFT. Swivel Seat Cables Correctly IAW Erda M/M 3085.

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.: 6140-20 DATE: 08-22-01

SIGNATURE

Jim M. T...

LEARJET INC. CRS# LK2R981K



BOMBARDIER
AEROSPACE

8405 Lemmon Ave. Dallas, TX 75235
F.A.A. CRS #L5VR603Y

CUSTOMER: Bombardier Used A/C
T.A.T 1215.1 LDGS 932

MODEL: Lear 31A
DATE: August 28, 2001

REG: N314AC
S/N: 140

LICENSE
NUMBER

Accomplished the Following Maintenance:

Replaced Nose tire with a serviceable tire and wheel P/N 184F102, S/N 02651163 off/on S/N 00800812 and wheel assy P/N 9544207-4, S/N APR99-8883 off/on S/N OCT93-7504 per LR31 MM 32-41-00
The above Airframe maintenance has been inspected and found to be in an airworthy condition with respect to the maintenance performed and is approved for return to service. A detailed record is on file under **W.O.#4112127**

END

Bombardier Aerospace, Learjet, INC.
FAACRS L5VR603Y

Jeffrey Ivy
Jeffrey Ivy



8405 Lemmon Ave. Dallas, TX 75235
F.A.A. CRS #L5VR603Y

BOMBARDIER
AEROSPACE

CUSTOMER Bombardier Used A/C
T.A.T. 1228.5 LDGS. 947

MODEL Lear 31A
DATE: September 14, 2001

REG N314AC
S/N: 140

USE
SER

Accomplished the Following Maintenance:

Repaired fwd upper door seal, and upper aft door seal IAW L31 MM 52-10-02
Replaced Co-pilot's Yaw force sensor with new P/N 6608498-1, S/N 1174 off/on S/N 1144 per LR31 MM 22-51-02
And functional tested rudder boost per LR31 MM 21-51-00
The above Airframe maintenance has been inspected and found to be in an airworthy condition with respect to the maintenance performed and is approved for return to service. A detailed record is on file under **W.O.# 4112341**

-----END-----

Bombardier Aerospace, Learjet, INC.

FAACRS L5VR603Y

Jeffrey Wy
Jeffrey Wy



A/C: 31-140 REG: N314AC LDG: 931 TSN: 1214.2

CRS# LK2R981K WICHITA, KANSAS

Replaced Standby Gyro P/N 501-1197-05 S/N 6010 with repaired S/N 2747.
Reinstalled R/H and L/H AFT. Swivel Seat Cables Correctly IAW Erda M/M 3085.

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.: 6140-20 DATE: 08-22-01

SIGNATURE

Jim M. D...

LEARJET INC. CRS# LK2R981K



8405 Lemmon Ave. Dallas, TX 75235
F.A.A. CRS #L5VR603Y

LICENSE
NUMBER

BOMBARDIER
AEROSPACE

CUSTOMER: Bombardier Used A/C
T.A.T 1215.1 LDGS 932

MODEL: Lear 31A
DATE: August 28, 2001

REG: N314AC
S/N: 140

Accomplished the Following Maintenance:

Replaced Nose tire with a serviceable tire and wheel P/N 184F102, S/N 02651163 off/on S/N 00800812 and wheel assy P/N 9544207-4, S/N APR99-8883 off/on S/N OCT93-7504 per LR31 MM 32-41-00
The above Airframe maintenance has been inspected and found to be in an airworthy condition with respect to the maintenance performed and is approved for return to service. A detailed record is on file under **W.O.#4112127**

-----END-----

Bombardier Aerospace, Learjet, INC.

FAACRS L5VR603Y

Jeffrey Wy
Jeffrey Wy

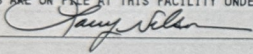
MAINTENANCE RECORD

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	BOMBARDIER AEROSPACE Aviation Services		
	A/C: 31-140 REG: N314AC LDG: 995 TSN: 1295.3 CRS# LK2R981K WICHITA, KANSAS		
	Updated NAV Data Base Expiration Date: 11-29-01. Replaced Pilot's sun visor P/N 2413279-3 with new. Replaced cross-flow valve light bulb P/N 6838 with shop supplied new. Replaced #1 transponder S/N 4154 with repaired P/N 066-1103-00 S/N 4242. Adjusted air conditioning system drive belt and functional check — checked good — IAW LJ31 M/M 21-50. Calibrated Fuel Gauge. Serviced aircraft hydraulic reservoir IAW LJ31 M/M 12-10. Replaced #1 Comm. Control Head P/N 071-1341-07 S/N 4439 with Repaired S/N 5831. Replaced #2 Comm. Control Head P/N 071-1341-07 S/N 4515 with Repaired S/N 4305. I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN ACCOMPLISHED. #1 S/N 4242 #2 S/N N/A NEXT TEST DATE REQUIRED: 11/08/03 SIGNATURE: <i>Jim M. Smith</i> DATE: 11-12-01 C.R.S. # LK2R981K THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED ONLY FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER WORK ORDER NO.: 6140-21 DATE: 11-12-01 SIGNATURE: <i>Jim M. Smith</i> LEARJET INC. CRS# LK2R981K		

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	11-19-01 N314AC Hobbs 1303.4 Landings 1000 Reset bypass pin. Inspect filter for debris — none noted except for slight specs of carbon. Installed new 3070945-1 filter and S9413-036 o-ring as supplied in soap kit. Leak check good. Run aircraft I/A/W maintenance manual for 15 minutes. No chip detection noted. I certify that this maintenance was Performed in accordance with current regulations and is Approved for return to service. W.O.# 131701 Signed <i>Reed E. Smith</i> Date 11-19-01 Certificate # AP 507903975 Garrett Aviation Services - OMA		

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
	BOMBARDIER AEROSPACE Aviation Services 	A/C: <u>31-140</u> REG: <u>N314AC</u> LDG: <u>1011</u> TSN: <u>1320.7</u> CRS# <u>LK2R981K</u> WICHITA, KANSAS	
	Replaced #1 Comm. control head p/n 071-1341-07, s/n 4305 with serviceable unit p/n 071-1341-07, s/n 4729.		
	Replaced #2 Comm. control head p/n 071-1341-07, s/n 5831 with serviceable unit p/n 071-1341-07, s/n 4730.		
	Replaced fuel quantity compensator probe p/n FG250A55, s/n 99040749 with repaired unit p/n FG250A55, s/n 00040859 and calibrated system.		
	Repaired L/H engine oil pressure indicator p/n 6608404-1, s/n 8323-137 in lab.		
	Replaced standby gyro extension knob p/n 2688107-5 with new.		
	Replaced tailcone maintenance light and lower nav light bulbs p/n 1683 with new.		
	THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED ONLY FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER WORK ORDER NO.: <u>6140-21</u> DATE: <u>11-26-01</u> .		
	SIGNATURE 		LEARJET INC. CRS# LK2R981K

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
 BOMBARDIER AEROSPACE Aviation Services A/C: <u>31-140</u> REG: <u>N314AC</u> LDG: <u>1012</u> TSN: <u>1323.0</u> CRS# LK2R981K WICHITA, KANSAS			
<u>AD 2001-15-17</u> "Rockwell CTL-92 Transponder Control Panel" was found to be not applicable due to equipment installed. <u>AD 2001-14-51</u> "UPS Aviation Technologies Inc., Model Apollo SL30 VHF NAV/COMM Radios", was found to be not applicable due to equipment installed. <u>AD 97-18-03</u> "Replacement of Puritan-Bennett Sweep-on Crew Oxygen Masks" was found to be not applicable due to equipment installed. Verified <u>Service Bulletin 31-34-11</u> "Replacement of Air Data Computers for RVSM Compatibility" was previously complied with on log book entry dated <u>01-12-01</u>. Complied with <u>Alert Service Bulletin 31-00-1</u> "Inspect/Replace Cables for P/L Stamp". Complied with <u>300 Hour main battery connector inspection of battery cables and receptacles</u> as outlined in "Inspection/Checks Due at other Intervals" in chapter 5 of the maintenance manual. Complied with <u>3 month Main Battery Inspection</u> on units S/N G01940534 and S/N G01940551, as outlined in "Inspection/Checks with Special Requirements or Inspection/Checks Due at other Intervals" in chapter 5 of the maintenance manual. Complied with <u>6 month operational check of PS-835 or PS-855 lead-acid emergency power supply battery</u> as outlined in "Inspection/Checks Due at other Intervals" Chapter 5 of the Maintenance Manual. Continued to page2			

MAINTENANCE RECORD

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	MECHANIC'S SIGNATURE	LICENSE NUMBER
Page 2			
	Complied with <u>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.		
	Complied with <u>6 Month Inspection of Main Battery Cases</u> For Condition and Security of Lids, Structure Under Batteries for Traces of Electrolyte or Corrosion, Battery Vent Tubes for Kinks, Obstructions, Security of Attachment, Vent Inlet and Outlet Fittings for Obstructions, Corrosion and Security of Attachment as outlined in "Inspection/Checks Due at other Intervals" in chapter 5 of the maintenance manual.		
	Complied with <u>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.		
	Complied with <u>12 Month Weight Check of L & R Engine Fire Extinguisher Containers and Functional Test of Engine Fire Extinguisher System</u> as outlined in "Inspection/Checks Due at other Intervals" in chapter 5 of the maintenance manual.		
	Complied with <u>12 month Discharge check of PS-835 or PS-855</u> lead-acid emergency power supply battery Fwd S/N1635 & Aft S/N 1539, as outlined in "Inspection/Checks Due at other Intervals" Chapter 5 of the Maintenance Manual.		
	Complied with <u>1200 Hour Cabin Pressurization Flow Rate Check</u> as outlined in "Inspection/Checks Due at other Intervals" in Chapter 5 of the maintenance manual, obtained satisfactory flow rate of <u>102 SCFM</u> .		
	Complied with <u>hydrostatic test on engine fire bottles</u> . Vendor over hauled 2ea P/N 30402102 L/H S/N 38323B1 and R/H S/N 38324B1, this satisfies the 5 year requirement outlined in Chapter 5, "Due at other Intervals" of the maintenance manual, <u>Next Due: 23 January 2007</u> . Cart MFG dates 09-01.		
Continued to page 3			

RADIO INSPECTION AND REPAIR

FREQUENCY CHECKED			REPAIRS		
DATE	INSPECTED BY	RESULTS	DATE	REPAIRED BY	REPAIRS MADE
Page 3					
					Vender recertified life vests 9ea P/N D21343-153 S/N 636294, S/N 636291, 636299, 623154, 629976, 632547, 632523, 616914, 584025, and L796481. Reinspect date is Feb 2003.
					Replaced cabin fire extinguisher S/N 01A with new P/N 344T S/N N312627. MFG date Dec 2001.
					Complied with <u>Advisory Wire 27-014 Rev I</u> , inspected and repaired L/H & R/H flaps.
					Incorporated <u>STC ST00346WI</u> "Installation of Bendix King CAS-67 TCAS II (Change 7) with Dual MST-0067A Mode 'S' Transponders" IAW MDL MI001321CT Rev P (-5 Configuration), 8110-3 approved deviation drawings BAS31025129 Rev (A), BAS31025130 Rev (-), BAS31025132 Rev (-), BAS31035197 Rev (-), BAS31035198 Rev (-), BAS31035164 Rev A, BAS31035162 Rev A, and BAS35035281 Rev(-). Installed new TCAS processor kit P/N 050-03078-0010. Installed the following new parts: ACAS/TCASII processor P/N 066-01146-1211 S/N 40965, Transponder Antenna P/N C1100-3 S/N 9916. Relay Box P/N 3188105-21 S/N MAN080788-01. Coax Switch Boxes 2ea P/N 402-179 S/N 101 and S/N 169. Relay box assembly P/N 3188105-10 S/N 455833A, ANT67A TCAS Lower antenna P/N 071-01548-0100 S/N 10562, ANT67A TCAS Upper antenna P/N 071-01548-0200 S/N 8162. Replaced TR421B transponders P/N 066-1103-00 S/N 4163 and S/N 4242 with new MST67A transponders P/N 066-01143-060 S/N 3957 and 4017. Replaced KAV485 altitude/vertical speed indicators P/N 066-3077-38 S/N 20517 and S/N 20662 with new KAV485T altitude/vertical speed indicators P/N 066-3077-48 S/N 1467 and S/N 1550.0. Replaced ATC control head P/N 071-1345-03 S/N 3876 with new ATC/TACS control head P/N 071-01507-5202 S/N 3724. Replaced MFD control head P/N 071-01439-5200 S/N 1128 with inspected P/N 071-01511-0201 S/N 1175.
Continued to page 4					

RADIO INSPECTION AND REPAIR

Page 4

Adjusted aileron and rudder trim position indicators.
 Complied with L/H and R/H horz stab boot resistance. Check good.
 Complied with L/H and R/H windshield, heating element, and temperature sensors resistance checks.
 Complied with brake wear inspection on all MLG brakes.
 Complied with corrosion Insp. behind R/H and L/H cuff fairings.
 Complied with corrosion inspection around potty area – no corrosion noted.
 Complied with windshield outer ply thickness check. **Minimum thickness** on outer ply **R/H 0.108** and **L/H 0.116**.
 Complied with **Larascop** inspection of **R/H** and **L/H windshields** and all R/H and L/H cabin windows.
Inspected horizontal stabilizer hinge casting and pin, no defects noted.
 Complied with flap rigging check IAW M/M 27-50-00.
 Calibrated Stall Computer.
 Serviced A/C System with 2.9 lbs of R-12 Freon
 Recalibrated Pressure module P/N 2614062-23 S/N 55-1022.
 Replaced flap position potentiometer with new P/N CMU1021
 Replaced 2ea delta fin static wicks with new P/N 16920.
 Replaced lower main cabin door snubber P/N 1972-5 with a new unit.
 Replaced pilots control panel S/N 033 with repaired unit P/N 11209-2 S/N 123.
 Replaced **emergency exit window** S/N 1557 with new P/N 6600115-10 S/N 4651.
 Replaced R/H engine hydraulic supply tube P/N 2607003-452 with new.
 Replaced Tail Nav Lens cover P/N 248850237-801 with New.
 Replaced pilots dimming control panel S/N 348158 with new P/N 3118297V2001 S/N 388010.

Continued to page 5

RADIO INSPECTION AND REPAIR

FREQUENCY CHECKED

REPAIRS

DATE	INSPECTED BY	RESULTS	DATE	REPAIRED BY	REPAIRS MADE
------	--------------	---------	------	-------------	--------------

Page 5

Replaced RH Battery vent hose P/N 2689120-19 with new.
 Replaced emergency exit placard P/N 2414035-3 with new.
 Adjusted yaw capstan clutch torque I/A/W LJ31 M/M 22-50.
 Replaced 4ea hot air bypass valve sleeves with new P/N AD1292A10.
 Replaced lower door hook cover with new P/N 2311275-121.
 Replaced #2 Comm Coax P/N 190313 with new.
 Repaired AOA Indicator P/N 66082099 S/N 322.
 Replaced L/H main landing gear door bonding strap P/N MS25088-2BB5 with new.
 Replaced #1 MLG **Brake Assy** S/N Apr 94 3808 with **overhauled** P/N6600330-9 S/N OCT 99 5219.
 Replaced #2 MLG Brake Assy S/N Sep 85 375 with overhauled P/N6600330-9 S/N JUN 78 1209.
 Replaced #3 MLG Brake Assy S/N May 84 1065 with overhauled P/N6600330-9 S/N APR 75 914.
 Replaced #4 MLG Brake Assy S/N Jun 77 683 with overhauled P/N6600330-9 S/N SEP 85 370.
 Repaired bleed-air shutoff valve P/N 6600202-3 S/N 1823.
 Vendor Overhauled Standby altitude Indicator P/N 8047-700-53 S/N 8037B.
 Vendor Repaired Standby airspeed Indicator P/N 2C131-02B7C1 S/N321.
 Updated nav database with Standard/Extended, Expires 2-21-02.

Continued to page 6



CHECK ONE

INSTALL REMOVE

BOMBARDIER
AEROSPACELearjet 31-140
TTA: 1328.7

Airframe Log Entry

N314AC
LDGS: 1018

Maintenance (removal and replacement of parts without serial numbers)
Replaced co-pilots sun-visor with new P/N 2413279-3.

Maintenance (service & repairs)

Cleaned both front and back surfaces of the UNS control head lens.
Repositioned pilots MIC jack tongs for proper fit.
Cleaned Pilots MIC and Phone plugs.
Made cabin entry door lock key duplicates.
Serviced the oxygen system.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE:



Vincent L. Moehn

Date: 10-FEB-02

W.O. 4114782

LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER
INDIANAPOLIS INT'L AIRPORT, INDIANAPOLIS, IN

Page 1 of 1

BOMBARDIER
AEROSPACELearjet 31-140
TTA: 1338.4

Airframe Log Entry

N314AC
LDGS: 1029

REMARKS

Maintenance (removal and replacement of parts with serial numbers)

Replaced RH thrust reverser relay box p/n 4900602-23 s/n DHC1020 with a repaired unit p/n 4900602-23 s/n 018R.

Maintenance (removal and replacement of parts without serial numbers)

Replaced both tail Navigation light bulbs with new p/n 1683.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE:



Vincent L. Moehn

Date: 22 February 2002

W.O. 4115061

LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER
INDIANAPOLIS INT'L AIRPORT, INDIANAPOLIS, IN

Learjet 31-140
TTA: 1340.6N314AC
LDGS: 1035Maintenance (removal and replacement of parts with serial numbers)

Replaced RH thrust reverser relay box p/n 4900602-23 s/n 018R with a repaired unit p/n 4900602-23 s/n 090R.

Maintenance (removal and replacement of parts without serial numbers)

Replaced co-pilots sun visor with new P/N 2413279-8.
Replaced tail beacon light bulb with new P/N 34-0226010-91.
Replaced recognition light (Lamp) with new P/N Q4681.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE:



Vincent L. Moehn

Date: 24-Feb-02

W.O. 4115097

LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER
INDIANAPOLIS INT'L AIRPORT, INDIANAPOLIS, IN



CHECK ONE

INSTALL REM

BOMBARDIER
AEROSPACE

Learjet 31a-140

N214AC

Date: 13 March 2002

TTA: 1366.7

LDGS: 1054

Airframe Log Entry

Inspection/Checks due at Other Intervals (complied with the following)

3-month Lead Acid Battery Check p/n G6381E s/n's G01940534 & G01940551. (IRN G1222001)

6-month Engine Fire Extinguisher Container Pressure and Plumbing Inspection. (IRN B2620005)

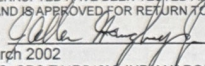
6-month Portable Fire Extinguishers Inspection/Weight Checks 2 LBS 4 OZ & 2 LBS 13 OZ. (IRN B2620000)

300-hour Battery Cables and Receptacles Inspection. (IRN H2431017)

Maintenance (service & repairs)

Drained all fuel sumps.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE: 

Date: 13 March 2002

W.O.: 4115378

LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER

INDIANAPOLIS INTERNATIONAL AIRPORT, INDIANAPOLIS, INDIANA

LIFE LIMITED PARTS CHANGE RECORD

BOMBARDIER
AEROSPACE

Learjet 31a-140

N314AC

TTA: 1378.7

LDGS: 1066

Airframe Log Entry

Maintenance (removal and replacement of parts with serial numbers)

Replaced cockpit blower motor assembly s/n 2350 with zero time overhauled p/n 6608267-2 s/n 2773

Replaced nose & main gear tire assemblies as follows:

Wheel	p/n	s/n	tire p/n on	s/n on
NOSE	9544207-4	OCT93-7504	184F10-2	12341176
#1 LH otbd	5004913-3	OCT87-1708	178K43-1	00290001
#2 LH inbd	5004913-3	JUL87-1275	178K43-1	00310495
#3 RH inbd	5004913-6	JUN98-3100	178K43-1	00301542
#4 RH otbd	5004913-6	APR98-3094	178K43-1	00310224

These tire assemblies have had 12 hour leak check done, and wheel bearings cleaned, inspected and repacked

Maintenance (removal and replacement of parts without serial numbers)

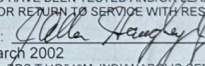
Replaced both tail nav light bulb 2 each p/n 1683.

Replaced fuel fill panel empty light bulb p/n 6838.

Maintenance (service & repairs)

Readjusted left trunnion switch S5.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE: 

Date: 27 March 2002

W.O.: 4115583

LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER

INDIANAPOLIS INTERNATIONAL AIRPORT, INDIANAPOLIS, INDIANA

EMARKS

LIFE LIMITED PARTS CHANGE RECORD

BOMBARDIER
AEROSPACELearjet 31a-140
TTA: 1380.0**Maintenance** (removal and replacement of parts with serial numbers)
Replaced copilot EHSI s/n 2421 with serviceable p/n 066-03137-3300 s/n 3185.**Maintenance** (service & repairs)
Serviced oxygen system to 1850 PSI with ABO.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE: [Signature]
Date: 28 March 2002 W.O.: 4115644
LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER
INDIANAPOLIS INTERNATIONAL AIRPORT, INDIANAPOLIS, INDIANA

Airframe Log Entry

N314AC
LDGS: 1067

EMARKS

CHECK ONE

TOWERS LATER

BOMBARDIER
AEROSPACELearjet 31-140
TTA: 1392.7**Maintenance** (removal and replacement of parts)Replaced MLG inboard door control valve p/n 6000361-1 s/n 1060 with superceded p/n 46000020-1 s/n 974W zero time overhauled by CRS# LK2R981K.
Replaced left main down indicator lamp p/n 6837.
Replaced right main unsafe indicator light p/n 6837.

All parts replaced were new unless otherwise noted.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE: [Signature]
Date: 03 APRIL 2002 W.O.: 4115698
LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER
INDIANAPOLIS INTERNATIONAL AIRPORT, INDIANAPOLIS, INDIANA

Airframe Log Entry

N314AC
LDGS: 1078



Airframe Log Entry

BOMBARDIER
AEROSPACE

Learjet 31-140
TTA: 1396.8

N314AC
LDGS: 1082

Maintenance (removal and replacement of parts with serial numbers)

Replaced LH uplock actuator shuttle valve p/n 2SV0413 s/n D15271 with new p/n 2SV0413 s/n D17820.
Replaced LH MLG actuator shuttle valve p/n 2SV0614 s/n 3235 with new p/n 2SV0614 s/n 2992.
Replaced RH MLG inboard gear door actuator p/n 6600085-8 s/n 0423 with a serviceable actuator p/n 6600085-8 s/n 0891R.

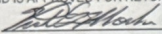
Maintenance (removal and replacement of parts without serial numbers)

Replaced RH #1 passenger seat; seat belt with new p/n 6600492-8NC545.

Maintenance (service & repairs)

Flushed emergency air gear extension lines.
Performed a satisfactory F/T of gear extension and retraction system.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE:  Vincent L. Moehn
Date: 7-APRIL-2002 W.O.: 4115740
LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER
INDIANAPOLIS INTERNATIONAL AIRPORT; INDIANAPOLIS, INDIANA

BOMBARDIER
AEROSPACE

Learjet 31-140
TTA: 1407.7

Airframe Log Entry

N314AC
LDGS: 1090

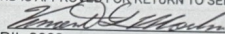
Maintenance (removal and replacement of parts without serial numbers)

Replaced insulation on air conditioner compressor suction and discharge lines in tail-cone with new p/n N394-9026.

Maintenance (service & repairs)

Repaired wire to #2 Symbol generator cooling fan at connector 2RP669.
Performed a satisfactory F/T of the refrigeration system.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE:  Vincent L. Moehn
Date: 12-APRIL-2002 W.O.: 4115831
LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER
INDIANAPOLIS INTERNATIONAL AIRPORT; INDIANAPOLIS, INDIANA

DATE

**BOMBARDIER**
AEROSPACELearjet 31-140
TTA: 1426.5**Airframe Log Entry**N314AC
LDGS: 1106**Maintenance** (removal and replacement of parts with serial numbers)

Replaced TCAS processor p/n 066-01146-1211 s/n 40965 with a repaired unit p/n 066-01146-1211 s/n 40717.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE:



Vincent L. Moehn

Date: 27-APRIL-2002

W.O.: 4116026

LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER
INDIANAPOLIS INTERNATIONAL AIRPORT; INDIANAPOLIS, INDIANA

DATE

MEMORANDA

**BOMBARDIER**
AEROSPACELearjet 31-140
TTA: 1438.1**Airframe Log Entry**N314AC
LDGS: 1114**Maintenance** (removal and replacement of parts)

Replaced Radome p/n 2411008-5-501 s/n 0492 with a repaired loaner radome p/n 2411008-5-501 s/n 0456.

Removed glideslope primary and secondary antennas from radome s/n 0492 and reinstalled on loaner radome s/n 0456.

Replaced all fuel control panel light bulbs with new p/n 6838.

Maintenance (service & repairs)Reattached upper door interior trim.
Reattached LH cabin card table trim.
Serviced oxygen system.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE:



Vincent L. Moehn

Date: 04-MAY-2002

W.O.: 4116141

LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER
INDIANAPOLIS INTERNATIONAL AIRPORT; INDIANAPOLIS, INDIANA



DATE

M

BOMBARDIER

AEROSPACE

Learjet 31-140

TTA: 1457.7

Airframe Log Entry

N314AC

LDGS: 1131

Maintenance (removal and replacement of parts without serial numbers)
Replaced cabin blower assembly switch (potentiometer) with new p/n A43S-300-FKS1/2.

Replaced Recognition light with new p/n Q4681.

Maintenance (service & repairs)
Rebalanced nose wheel assembly.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE:

Date: 18-MAY-02

W.O.: 4116313



Vincent L. Moehn

LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER
INDIANAPOLIS INTERNATIONAL AIRPORT; INDIANAPOLIS, INDIANA



DATE

MEMORANDA

BOMBARDIER

AEROSPACE

Learjet 31-140

TTA: 1468.5

Airframe Log Entry

N314AC

LDGS: 1142

Maintenance (service & repairs)
Performed Inspection and functional test of air conditioning system, system operating normally at this time.

THIS AIRCRAFT WAS REPAIRED IN ACCORDANCE WITH THE MANUFACTURES MAINTENANCE MANUALS. ALL SYSTEMS INTERRUPTED HAVE BEEN TESTED AND/OR LEAK CHECKED AS NECESSARY. THIS AIRCRAFT IS AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

SIGNATURE:

Date: 02-JUNE-2002

W.O.: 4116517



Vincent L. Moehn

LEARJET, INC. CRS TJ4R546M, INDIANAPOLIS SERVICE CENTER
INDIANAPOLIS INTERNATIONAL AIRPORT; INDIANAPOLIS, INDIANA