

AVERITT AIR, Inc.

Maintenance Warning Report

Includes All Maintenance Reminders

Aircraft: N531RA **Make:** LEARJET **Model:** 31A **Type:** LEARJET 31A **S/N:** 31A-192

Owner: RA Aviation **Work:** (423) 755-0844

1200 Premier Drive
Suite 210
Chattanooga, TN 37421

	Eng Time	Last MOH	Prop Time	Last POHT	Last POHD	Tach Time	H/S Time	H/S MOHT	H/S Cycles	H/S MOHC	Hobbs Time
1 -	3,216.5	0.0	0.0	0.0		0.0	397.2	0.0	2,779.0	0.0	3,268.4
2 -	3,246.3	0.0	0.0	0.0		0.0	369.1	0.0	2,790.0	0.0	0.0
Total Time Tracks:						Hobbs	Total Time Offset				
Total Time:						3,268.40					
Landing Cycles:						2814					

Maintenance Description (Type):	Last Done	Next Due	Due (Past Due)		
			Hours	Days	Cycles
Hot Section 1 Runout			1,002.8		
Hot Section 2 Runout			1,030.9		
#1 Aft Shock Mount Attach Bolt Repl (Time) 20000hrs E7120041			16,731.6		
#1 Aft Eng Mount Attach Bolts Repl (Time) 20000hrs E7120039			16,731.6		
#1 Aft Engine Mount Isolator Assy Repl (Time) CZI 8400 hrs L7120037			5,131.6		
#1 Forward Eng Shk Mt Bolt Repl (Time) CZI 4200 hrs K7120064 NAS1304-1H			931.6		
#1 Fwd & Aft Pylon/Eng Beam Stru Insp. (Time) At MPI J5450045, J5450043 & H54550044			953.9		
#1 Fwd Eng Mount Attach Bolt Repl (Time) 20000hrs E7120038			16,731.6		
#1 Fwd Eng Shk Mt Mount Assy- LM-833-1 (Time) 4200 hrs CZI L7120065			5,131.6		
#1 Fwd Upr & Lwr Shock Supp. Bolt Repl (Time) 20000hrs E7120040			16,731.6		
#2 Aft Shock Mount Attach Bolt Repl (Time) 20,000hrs E7120041			16,731.6		
#2 Aft Eng Mount Attach Bolts Repl (Time) 20,000 hrs E7120039			16,731.6		
#2 Aft Engine Mount Isolator Assy Repl (Time) CZI 8400 hrs L7120037			5,131.6		
#2 Forward Eng Shk Mt Bots Repl (Time) CZI 4200 hrs K7120064 NAS1304-1H			931.6		
#2 Fwd & Aft Pylon/Eng Beam Stru Insp. (Time) At MPI J5450045, J5450043 & H54550044			1,005.8		
#2 Fwd Eng Mount Attach Bolt Repl (Time) 20,000 hrs E7120038			16,731.6		
#2 Fwd Eng Shk Mt Mount Assy-LM-833-1 (Time) 4200hrs CZI L7120065			5,131.6		
#2 Fwd Upr & Lwr Shock Supp. Bolt Repl (Time) 20,000 hrs E7120040			16,731.6		
100. Phase A1 Thru A6 300 Hr. Insp. (Time/Date)	11/11/2010	11/11/2011	288.2	344	
101. Phase B1 Thru B6 600 Hr Insp. (Time/Date)	10/23/2010	10/23/2012	588.2	691	
102. Phase C1 Thru C6 1200 Hr Insp. (Time/Date)	8/06/2010	8/06/2014	1,119.3	1,343	
103. Phase D1 Thru D6 2400 Hr Insp. (Time/Date)	8/28/2007	8/28/2015	1,504.7	1,730	
104. 3000 Landing Inspection (Cycle)					186
105. Major Landing Gear Insp. (Cycle) 6000 cycle					3,186
106. 12 Year Airframe Inspection (Cycle/Date)	1/15/2000	1/15/2012		409	3,186
107. 12,000 Hr. Airframe Inspection (Time)			8,731.6		
108. Port. Fire Ext. Insp./Wt. Check (Date)	11/15/2010	2/13/2011		73	

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90 day per AAIP				
109. Cockpit Port. Fire Ext. Hydrotest (Date)	6/01/2000	6/01/2012	547	
12 year C2620030				
110. Cabin Portable Fire Ext. Hydrotest (Date)	6/01/2000	6/01/2012	547	
12 year C2620030				
111. EROS Crew Oxy Mask O/H Pilots (Date)	3/07/2006	3/31/2012	485	
6 year P3510021				
112. EROS Crew Oxy Mask O/H Co-Pilots (Date)	4/06/2006	4/30/2012	515	
6 year P3510021				
113. Life Vest Inspection. (Date)	8/06/2010	8/06/2011	247	
12 month AAIP & IRN P2561005				
120. LH Gill Battery Servicing (Date)	11/15/2010	2/15/2011	75	
90 day G1222001				
1200 Hr Cabin Press Sys. Leak Rate (Time)			1,138.3	
1200 hour H2130007				
121. RH Gill Battery Servicing (Date)	11/15/2010	2/15/2011	75	
90 day G1222001				
125. Oxygen Bottle Hydrotest-5 YR. Comp (Date)	4/29/2008	4/30/2013	880	
5 year R3500017 & 18				
126. Oxygen Bottle Replacement 15 Yr. (Date)	9/01/2001	9/30/2016	2,129	
15 years R3500051				
127. #1 PS855 Emer. Power Supply Ops Ck (Date)	11/15/2010	5/15/2011	164	
6 month F1223010				
128. #2 PS855 Emer. Power Supply Ops. Ck (Date)	11/15/2010	5/15/2011	164	
6 months F1223010				
129. #1 PS855 Emer. Power Supply Dischrg (Date)	5/07/2010	5/07/2011	156	
1 year D1223015				
130. #2 PS855 Emer. Power Supply Dischrg (Date)	5/07/2010	5/07/2011	156	
1 year D1223015				
132. Lower Cabin Door Structure & Hinge (Date)	1/22/2010	1/22/2012	416	
24 months L5210025				
134. Battery Connector Inspection (Time)			186.7	
300 hour H2431017				
134. Battery Installation Inspection. (Date)	11/15/2010	5/15/2011	164	
6 months B2432010				
135. #1 St/Gen Brush Insp & Bearing R/R (Time)			194.2	
600 hour P2431059				
135. #2 St/Gen Brush Insp Bearing R/R (Time)			418.3	
600 hour P2431059				
136. #1 Starter/Generator Overhaul (Time)			594.2	
1000 hour H2431011				
136. #2 Starter/Generator Overhaul (Time)			818.3	
1000 hour H2431011				
138. CVR ULB Underwater Locator (Date)	7/28/2009	7/28/2011	238	
2 Years F2565000				
139. CVR ULB Battery Replacement (Date)		9/15/2013	1,018	
F2566000				
140. #1 Eng. MPI/Engine Inspection Items (Time)			1,005.8	
E2610020, E3020001, P3610045, E7120024, E7810005, Q7120063, Q7120067, Q7120072, J5450043				
12 year items-E7120028, E7120033, H5450044, J5450045				
140. #2 Eng. MPI/Engine Inspection Items (Time)			1,005.8	
E2610020, E3020001, P3610045, E7120024, E7810005, Q7120063, Q7120067, Q7120072, J5450043				
12 year items-E7120028, E7120033, H5450044, J5450045				
141. #1 Eng. Mt/Component NDT Inspection (Cycle/Date)	3/26/2009	3/26/2021	3,767	5,635
E7120028 & E7120033				
CW @ TAT 2874.2				

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141. #2 Eng. Mt/Component NDT Inspection (Cycle/Date) E7120028 & E7120033 CW @ TAT 2874.2	3/26/2009	3/26/2021	3,767	5,635
142. #1 Eng. Mt. Isolators Insp/Chk-MPI (Time) L7120063			1,005.8	
142. #2 Eng. Mt. Isolators Insp/Chk - MP (Time) L7120063			1,005.8	
143. #1 Eng. Aft Attach Bolt NDT - MPI (Time) L7120067			1,005.8	
143. #2 Eng. Aft Attach Bolt NDT - MPI (Time) L7120067			1,005.8	
144. Fwd Eng Mount Casting Bolts NDT (Cycle/Date) E7120033 & E7120028	3/26/2009	3/26/2021	3,767	5,635
147. Windshield Prism Insp. RH (Time) M5600008				
149. Radio Altimeter Ant. Bonding Check (Date) 24 months K3414000	1/22/2010	1/22/2012	416	
150. Emer. Air Bottle (Tavco-6) Hydro (Date) R3610006	1/17/2006	1/31/2012	425	
150. Emer. Air Bottle (Tavco-6) Scrap (Date) H3610006	1/15/2000	1/31/2040	10,652	
151. Emer Air Bottle (Tavco-6) X Ray (Date) R3610055	1/15/2000	1/15/2012	409	
153. Air Cond Comp Mtr Brush Insp - R134 (Time) Hobbs Time K2150034			878.8	
154. Air Cond Comp. Mtr Overhaul - R134 (Time) K2150035			1,685.7	
159. Eng. Fire Ext. Press Chk/Plumb Insp (Date) P2620042 6 months	11/15/2010	5/15/2011	164	
160. Eng. Fire Ext. Weight Check (Date) 12 Months E2620010	11/15/2010	11/15/2011	348	
161. LH Eng. Fire Bottle Hydrotest (Date) 5 year C2620025	4/28/2006	4/30/2011	149	
162. RH Eng. Fire Bottle Hydrotest (Date) Bottle hydro-test by Fire-Tec Aero Systems, 8130-3 dated 1/30/2009. 5 year C2620025	2/02/2009	1/31/2014	1,156	
163. LH Eng. Fire Bottle Cartridge Repl. (Date) 6 yr P2620040	8/15/2009	8/31/2015	1,733	
164. RH Eng. Fire Bottle Cartridge Repl. (Date) Other squib date is 08/2009 6 yr P2620040	1/15/2007	1/31/2013	791	
166. Eng. Beam Support Fitting Insp. (Cycle/Date) 12 yr H5450044	3/26/2009	3/26/2021	3,767	3,186
170. Eddy Current Winglet Structure (Time) N/A by serial number			6,731.6	
171. Wing Inbd. Dry Bay Insp. Fwd Spar 2 (Date) 24 months P5710145	1/22/2010	1/22/2012	416	
174. Wing Insp. WS 213.602 (Date) 24 months L2812002	1/22/2010	1/22/2012	416	
175. Wing Insp. WS 53 To 92 (Date) 24 months L2812010	1/22/2010	1/22/2012	416	
176. Wing Insp. WS 72 Flapper Valve (Date) 24 months L2812020	1/22/2010	1/22/2012	416	
177. Fuel Hose Assy Repl. Excl. Nacelle (Cycle/Date) 12yr or 6000 landings G2820002	1/15/2000	1/15/2012	409	3,186
178. Hyd. Hose Assy. Excl. Nacelle. (Cycle/Date) 12yr or 6000 landings G2900001	1/15/2000	1/15/2012	409	3,186

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179. Keel Beam Attach Bolt Replacement (Cycle/Date) 12yr or 6000 landings E5322000	1/15/2000	1/15/2012		409	3,186
185. RH DC #2 & #3 Buss CB Replacement (Cycle/Date) 12 yr or 6000 landings E2431057	1/15/2000	1/15/2012		409	3,186
186. LH DC #2 & #3 Buss CB Replacement (Cycle/Date) 12 year E2431058	1/15/2000	1/15/2012		409	3,186
190. Rudder Primary Control Cable Repl. (Time) 2400 hr F2720013					1,504.7
191. Elev Primary Control Cable Repl. (Time) 2400 hrs F2730030					1,504.7
193. Aileron Wing Primary Cable Repl (Time) 2400 hr F2710036					1,504.7
194. Rudder Assy. Replacement (Time) 20000 hrs F2720018					16,731.6
194. Rudder Hinge Bolts. (Time) 20000 hrs E2720021					16,731.6
195. Rudder Lower Bearing Assy Repl (Time) 20000 hrs E2720023					16,731.6
196. Rudder Hinge Assy- Upper & Center (Time) 20000hrs E2720024 & E2720025					16,731.6
197. Elevator Assy. Replacement (Time) 20000 hrs E2730016					16,731.6
198. Elev. Brkt Repl - Inbd, Ctr, Outbd (Time) 20000 hrs E2730020					16,731.6
199. Elevator Bellcrank Replacement (Time) 20000hrs E2730021					16,731.6
200. Elevator Dual Push-Rod Replacement (Time) 20000hrs E2730023					16,731.6
201. Elevator Hinge Bolt Replacement (Time) 20000hrs E2730024					16,731.6
202. Horiz. Stab. Hinge Pin Repl. (Time) 20000 hrs E2740010					16,731.6
203. Horiz. Stab. Act. Attach Bolt Repl. (Cycle/Date) 12 yr G2740011	1/15/2000	1/15/2012		409	3,186
203. Horiz. Stab. Actuator Overhaul (Time) 600 hrs Q2740021					106.8
204. Fuel Hoses Repl. Nacelle (Time/Date) 2400 hr or 5 years G7110021	5/06/2010	5/06/2015	2,286.7		1,616
204. Hyd. Hoses Repl. Nacelle (Time/Date) 2400 hrs or 5 years G7110022	5/06/2010	5/06/2015	2,286.7		1,616
225. #1 Eng Fwd Shock Mt. Cover LM833-3 (Time) CZI 4200 hrs K7120036					931.6
225. #2 Eng Fwd Shock Mt. Cover LM833-3 (Time) CZI 4200 hrs K7120036					931.6
226. #1 Eng Fwd Shk Mt Housing-LM-833-2 (Time) CZI 8400 hrs L7120066					5,131.6
226. #2 Eng Fwd Shk Mt Housing-LM-833-2 (Time) CZI 8400 hrs L7120066					5,131.6
24mo Avrt Air Avionics Insp. Per AAIP (Date)	8/06/2010	8/06/2012		613	
250. Landing Gear Actuator Hose Repl (Time/Date) 1500hrs or 5 years G3210003	8/28/2007	8/28/2012	604.7		635
251. Main Gear Strut Assy. (Cycle) 12000 landings F3211075 PN 2441011 or PN 6041101 16,500 landings with pn 3141100 im p3211099					9,186
252. Main Gear Attach Pin (2341109) (Cycle) 12000 landings E3211078					9,186

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253. Main Gear Act Pillar Assy (-1 & 14) (Cycle) 18000 landings E3211080 20,000 landings w/ pn 2341123-17, -18 & -23 IRN M3211097					15,186
254. Nose Gear Sturt Assembly (Cycle) 20000 landings E3211082					17,186
255. Nose Gear Actuator (Cycle) 20000 landings E3211083					17,186
257. Main Gear Act Pillar Assy (2341123) (Cycle) 18000 landings E3211080 PN 2341123-1 & -14					17,186
258. Main Gear Actuator (Cycle) 20000 landings E3211087					17,186
259. Main Gear Strut Assy. (6041101) (Cycle) 12000 landings F3211094					9,186
260. Emer. Gear Extend Hose Assy. Repl (Cycle/Date) 12 year 6000 landings G3233003	1/15/2000	1/15/2012		409	3,186
261. Hyd. Hose Assy. -Strut & Wheel Well (Time/Date) 5 years 2400 hours G3243040	5/06/2010	5/06/2015	2,286.7	1,616	
262. Left Primary Pitot-Static Probe. (Time) 15000 hrs J3411056			11,731.6		
263. Right Primary Pitot-Static Probe. (Time) 15000 hrs J3411057			11,731.6		
280. Aileron Drive Yoke Bolts Repl. (Time) 3600 hrs E2710010			331.6		
281. Aileron Center Hinge Bolt Repl. (Time) 3600 hrs E2710014			331.6		
282. Aileron Assy. Replacement (Time) 20000 hrs G2710016			16,731.6		
283. Aileron Clevis Bolt Replacement (Time) 20000hrs E2710020			16,731.6		
284. Aileron Inbd & Outbd Hinge Bolt Rep (Time) 20000 hrs M2710021			16,731.6		
285. Aileron Pully Assy. Replacement (Time) 20000 hrs E2710023			16,731.6		
286. Aileron Clevis Assy. Replacement (Time) 20000 hrs E2710024			16,731.6		
287. Aileron Yoke Assy. Replacement (Time) 20000 hrs E2710026			16,731.6		
288. Aileron Bearing Support Assy. Repl. (Time) 20000 hrs E2710028			16,731.6		
289. Aileron Hinge Bracket Assy. Repl. (Time) 20000 hrs E2710031			16,731.6		
290. Flap Nose Roller Bushing Repl. (Time) 1200 hrs E2750002			304.7		
291. Outbd Flap Nose Roller Track Repl. (Time) 9000 hrs E2750007			5,731.6		
292. Inbd/Otb Flap Nose Roller Trk Repl. (Time) 12000 hrs E2750010 & E2750011 pn 2322511& 2322512			8,731.6		
293. Inbd Flap Track Hinge Fitting Repl (Time) 15000 hrs E2750013			11,731.6		
294. Outbd Flap Track Hinge Fitting Repl (Time) 15000 hrs E2750014			11,731.6		
295. Wing Flap Sector Bolt Replacement (Cycle/Date) 12 year 6000 landings G2750034	1/15/2000	1/15/2012		409	3,186
296. Spoiler Attach Bolt Repl. 5/16 Inch (Cycle/Date) 12 yr 6000 landings E2760080	1/15/2000	1/15/2012		409	3,186
297. Spoiler Pivot Bolts Repl. 5/16 Inch. (Cycle/Date)	1/15/2000	1/15/2012		409	3,186

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12 year 6000 landings E2760081				
298. Spoiler Bolt Repl. 1/4 Inch (Cycle/Date)	1/15/2000	1/15/2012	409	3,186
12 year 6000 landings E2760082				
299. Inbd & Outbd Flap Track Assembly (Time)			8,731.6	
12000 hrs EE2750012				
330. #1 Engine Oil Change - 600 Hr. (Time)			205.8	
331. #1 Engine 150 Hr. Inspection (Time)			138.2	
332. #1 Engine 300 Hr. Inspection (Time)			186.7	
333. #1 Engine 800 Hr. Inspection (Time)			405.8	
334. #1 Engine MPI - 1400 Hr. (Time)			1,005.8	
G7100000				
335. #1 Engine Plenum Insp. - 2000 Hr. (Time)			1,605.8	
336. #1 Engine Gearbox Insp. - 4200 Hr. (Time)			983.5	
337. #1 Engine Fan Supp. Insp. - 4200 Hr (Time)			983.5	
338. #1 Engine CZI Inspection - 4200 Hr. (Time)			983.5	
339. #1 Engine Fan Disc & Hub (Cycle)				7,221
340. #1 Engine Comp. HP Impeller (Cycle)				7,221
341. #1 Engine HP Turbine (Cycle)				2,421
342. #1 Engine 1st Stage Turbine Rotor (Cycle)				1,621
343. #1 Engine 2nd Stage Turbine Rotor (Cycle)				1,721
344. #1 Engine 3rd Stage Turbine Rotor (Cycle)				6,721
345. #1 Engine 1st Stage Comp. Disc (Cycle)				7,221
346. #1 Engine 2nd Stage Comp. Disc (Cycle)				7,221
347. #1 Engine 3rd Stage Comp. Disc (Cycle)				7,221
348. #1 Engine 4th Stage Comp. Disc (Cycle)				7,221
360. #2 Engine Oil Change - 600 Hr. (Time)			227.9	
361. #2 Engine 150 Hr. Inspection (Time)			138.2	
362. #2 Engine 300 Hr. Inspection (Time)			186.7	
363. #2 Engine 800 Hr. Inspection (Time)			427.9	
364. #2 Engine MPI - 1400 Hr. (Time)			1,027.9	
G7100000				
365. #2 Engine Plenum Insp. - 1400 Hr. (Time)			1,027.9	
366. #2 Engine Gearbox Insp. - 4200 Hr. (Time)			953.7	
367. #2 Engine Fan Sup. Insp. - 4200 Hr. (Time)			953.7	
368. #2 Engine CZI Inspection - 4200 Hr. (Time)			953.7	
369. #2 Engine Fan & Hub (Cycle)				7,210
370. #2 Engine Comp. HP Impelle (Cycle)				7,210
371. #2 Engine HP Turbine (Cycle)				2,410
372. #2 Engine 1st Stage Turbine Rotor (Cycle)				1,610
373. #2 Engine 2nd Stage Turbine Rotor (Cycle)				1,710
374. #2 Engine 3rd Stage Turbine Rotor (Cycle)				6,710
375. #2 Engine 1st Stage Comp. Disc (Cycle)				7,210
376. #2 Engine 2nd Stage Comp. Disc (Cycle)				7,210
377. #2 Engine 3rd Stage Comp. Disc (Cycle)				7,210
378. #2 Engine 4th Stage Comp. Disc (Cycle)				7,210
400. Reweigh Aircraft Per FAR 135.185 (Date)	4/28/2008	4/28/2011	147	
401. Air Data Sys Recert Per FAR 91.411 (Date)	5/14/2009	5/31/2011	180	
IRN K3411059				
402. Static System Recert Per FAR 91.411 (Date)	5/14/2009	5/31/2011	180	
403. Transponder Recert Per FAR 91.413 (Date)	5/14/2009	5/31/2011	180	
404. 150 Hr. Dee Howard T/R Insp. (Time)			138.2	
405. 300 Hr. Dee Howard T/R Insp. (Time)			288.2	
406. 600 Hr. Dee Howard T/R Insp. (Time)			294.5	
407. 1200 Hr. Dee Howard T/R Insp. (Time)			304.7	
408. 2400 Hr. Dee Howard T/R Insp. (Time)			1,504.7	
409. 300 Hr. Raisbeck Bag Locker Insp. (Time)			288.2	
410. 600 Hr. Raisbeck Bag Locker Insp. (Time)			106.8	
411. Annual Raisbeck Bag Locker Insp. (Date)	5/06/2010	5/06/2011	155	
414. ELT Inspect & Ops Check - 91.207 (Date)	8/06/2010	8/31/2011	272	
12 Months J2563001				
415. ELT Battery Replacement (Date)	12/23/2008	1/15/2014	1,140	
L2564000				

AD 2004-03-08 Engine Shear Web Insp (Time)
Repair performed at Lear Jet on 03-26-2009 @ 2874.2 tat and 2449 cycles

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AD 74-08-09 Insp Waste Recpt Doors (Time)			278.6	
Aileron Primary Cables Repl (Time)			1,504.7	
2400 hr F2710036				
Cabin Window Prisim 600hr Inspection (Time)			538.3	
LH Forward Cabin window replaced at last C inspection IRN M5600008				
First Aid Kit Annual Insp. (Date)	8/06/2010	8/06/2011		247
Flap Cam Followers DVI (Time)			330.8	
H2750044 1200 hrs				
Flap Track Support Fittings DVI (Time)			330.8	
H5750046				
Inspect Horz Stab Deice Boot Repair (Time)			261.0	
Boot repaired 11/10/10 requires 300 hour reinspect. See Averitt Air WO 15789				
LH Engine Due Baseline Soap Sample (A 25 Hr. Inspection)				
LH Gill Battery Due Cap Check (Time/Date)	8/06/2010	2/06/2011	338.3	66
New battery installed 05/2009				
Main Gear Act. Attach Pin (5441101) (Cycle)				17,186
20000 landings E3211084				
Main Gear Strut With Cylinder (Cycle)				13,686
Verify PN of Strut-3141100 and cylinder 6041101 Q3211099				
Pitot Probe Skin Contour Chk & DVI (Date)	5/14/2009	5/14/2011		163
IRN P5313002 & N3411063				
Pitot-Static Probes Alignment Check (Date)	5/14/2009	5/14/2011		163
IRN P3411055				
Portable Fire Ext. Annual Maint. (Date)	8/06/2010	8/06/2011		247
RH Engine Due Baseline Soap Sample (A 25 Hr. Inspection)				
RH Gill Battery Due Cap Check (Time/Date)	8/06/2010	2/06/2011	338.3	66
New battery 6/2009				
TR Aft Body Mating Flange Ring Dye Pen (Cycle)				9,186
IRN S7830090				
Upper Door Torsion Bar Bolts R/R (Cycle)				9,186
IRN S5210104				