

*Left*  
VOLUME NO.

SECTION III

ENGINE

LOG



Left

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ENGINE LOG

- 1. Make Lycoring
  - 2. Model 10-320-C1A
  - 3. Specification TC1B12
  - 4. Mfg. Serial No. L4035-55A
  - 5. Reduction Gear Ratio Direct
  - 6. Date of Manufacture Apr 10/1980
- #1







# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE - USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE INSTALLATIONS, INSPECTIONS, ETC.
	HRS.	MIN.	HRS.	MIN.	
May 5/87					
June 24/87					Oil & filter change
Nov 28/87					Left fuel injector rebuilt at Field Aviation
Jan 3/88			237	05	100 HRC insp.
Jan 27/88			332	10	Oil and filter change 10 hr shop
Jan 17/88					Change oil and filters (clean turbo)
Apr 7/88					Change oil and filters (clean intake)
Apr 25/88					Filter vacuum pump (night shop)
May 25/88					Fuel injector repaired at Leavens
Jun 7/90					Change oil 10 hr inspection
Aug 20/90					Fuel injector removed, repaired per Leavens Leak check carried out + function check
Nov 6/90					Left mag. SW 91774 REPAIR
Jan 12/91			563	50	Overhaul per AT 99749 - Repair leads OK
Feb 26/91					100 HRC INSPECTION CARRIED OUT Changed oil, replaced engine filter and Candor LB # 634 performed
Nov 7/91	50	10	614	00	100 HRC INSPECTION CARRIED OUT Change oil, clean air screens and turbo filters Change oil and oil filters
Dec 9/91					
Mar 3/92					
Apr 15/92					Turbocharger overhauled + reinstalled CARRIED FORWARD

TOTAL THIS PAGE  
TOTAL FROM PREVIOUS SUMMARY  
TOTAL SINCE MFG.

## MAIN

ENTRIES, DRAW A DIAGRAM

**SERVICEABLE OVERHAULED**

Left Eng. Mfr. Name Rollody Part No. 20226-2  
 Part Name TURBOCHARGER Serial No. 9021252  
 The accessory identified above was disassembled, cleaned, inspected, re-assembled and tested in accordance with the manufacturer's overhaul instructions and current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under Work Order No. 6448 Date 5-18-92  
 Signed [Signature]  
 Signature of authorized individual

KELPAK EAST  
 56 43rd Court - Vero Beach, FL 32968  
 FAA Approved Repair Station UH48570M  
 Form 1004 (5-90)

all locking and safety wires replaced  
 filter) all locking and safety wires replaced  
 and vacuum all locking and safety wires replaced  
 Airborne Vacuum Pump  
 and re-installed

by [Signature] 20226-2  
 by [Signature] 9021252  
 by [Signature] 9021252  
 by [Signature] 9021252  
 by [Signature] 9021252

W/O 00-0490, REWS  
 CARRIED OUT ON G1

for  
 igniters

ENGINE IS AIRWORTHY  
 cleared turbo

ENGINE IS

LEAVENS AVIATION INC.  
 2555 DEWY RD. E. WISSAUGA, ONT. L4T 1A1

W/O No. 00-0723 D.O.T. APP. NO. 272  
 NOMENCLATURE TURBOCHARGER  
 PART NO. 10-51360-37 MODEL OR TYPE S41N-21  
 MAKE BENDIX SERIAL NO. 441774  
 NEW OVERHAULED .XX REPAIRED  
 PREVIOUS CERTIFICATION  
 The material part or component identified herein has been inspected and tested, and is certified airworthy.  
 DATE AUG 17 1990  
 Inspector's Signature, Stamp

12  
 SERVICEABLE

by [Signature] 20226-2  
 by [Signature] 9021252

by [Signature] 9021252  
 by [Signature] 9021252

by [Signature] 9021252

by [Signature] 9021252



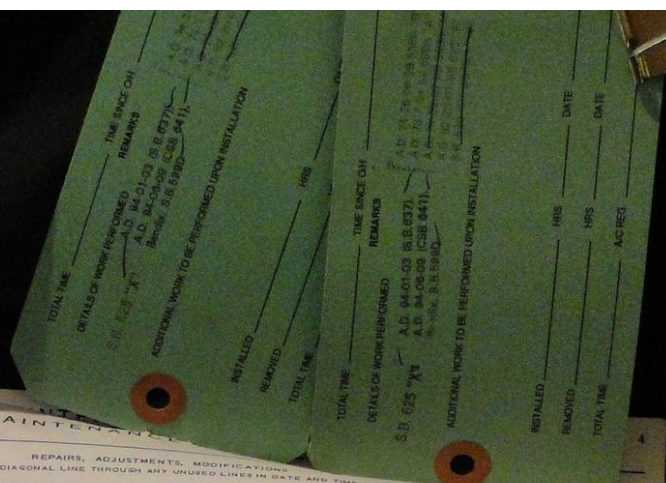
## ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE INSTALLATIONS, INSPECTIONS,
	HRS.	MIN.	HRS.	MIN.	
Apr 15/92			614	:00	TURBOCHARGER AIR REFERENCE LINE FITTING
SEP 9/92	01	20	666	:20	100 HR / Annual Insp. CARRIED OUT.
DEC 28/92	0		666	:20	100 HR / Annual Insp. CARRIED OUT.
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p><b>X AVIATION LTD.</b> 170 Aviation Lane London Airport London, Ontario Canada N3V 3T9</p> </div> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;"> <p><b>X AVIATION LTD.</b> D.C.I. APPROVAL #24-88</p> </div>					
DEC 1/93	32	35	704	:55	100 HR / Annual Inspection CARRIED OUT.
MAY 15/94	20	25	725	:20	BOTH MAINS REPAIRED PER LEAVENS
Nov 23/94	6	:20	731	:40	100 HR / Annual Inspection CARRIED OUT.
Nov 22/95	41	:10	772	:50	100 HR / Annual Inspection CARRIED OUT.
Nov 20/96	63	:15	836	:05	OIL + FILTER CHANGED. 100 HR / Annual Inspection CARRIED OUT.
SEP 11/97			436	:45	100 HR / Annual Inspection CARRIED OUT. Inspected #3 cylinder on engine Change oil, filters and clean turbo
Nov 5/97	49	:25	885	:30	100 HR / Annual Inspection CARRIED OUT.
			885	:30	CARRIED FORWARD
TOTAL THIS PAGE		885 :30			
TOTAL FROM PREVIOUS SUMMARY		1815 00			
TOTAL SINCE MFG.		2700 :30			

## MAINTENANCE

REPAIRS, ADJUSTMENTS, MODIFICATIONS	INSTALLED	REMOVED	TOTAL TIME	TIME SINCE OH	REMARKS	DATE	DATE	AC/REG
REMOVED W/ APPROVED (P/R) RESTRICTOR FITTING AD 91-08-07								
ENGINE IS AIRWORTHY.								
- PROPELLER AND ENGINE REMOVED & REPLACED TO FACILITATE AIRFRAME REPAIR								
- CHANGED OIL (SHELL W30)								
- CHANGED OIL FILTER								
The maintenance described above has been performed in accordance with the applicable standards of airworthiness.								
INDEPENDENT CONTROL CHECK OF ENGINE CONTROLS								
ENGINE IS AIRWORTHY.								
W/O #'S 40-0624 + 40-0625								
ENGINE IS AIRWORTHY.								
ENGINE IS AIRWORTHY.								
ENGINE IS AIRWORTHY after repair by Gilford engines W/O 9790 and 9988 and oil screens								
ENGINE IS AIRWORTHY.								

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.



M. LEAVENS  
 M094219  
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# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE INSTALLATIONS, INSPECTIONS, ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.
	HRS.	MIN.	HRS.	MIN.	

BROUGHT FORWARD →

Dec 23/03 1217 :45

Nov 25/04 25 :45 1243 :30  
2.5 hrs

Nov 10/05 37 :45 1281 :15

Nov 17/06 31 :10 1312 :25

Dec 5/07 26 :15 1338 :30

Nov 30/08 36 :17 1375 :2

Dec 1/09 24 :0 1399 :2

Nov 30/10 13 :13 1412 :5

Nov 25/11 16 :5 1429 :0

1429 :0 CARRIED FORWARD

TOTAL THIS PAGE 211 :15  
 TOTAL FROM PREVIOUS SUMMARY 3132 :45  
 TOTAL SINCE MFD. 3343 :00

# MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS	SIGNATURE	LICENCE NUMBER
Charge oil, filter, clean turbo filter and oil screens - DONE WITH CAR 625, APPENDIX B+C	[Signature]	M094219
Change oil, filter, clean screen alt. Replace room jump	[Signature]	M094219
ACCORDANCE WITH CAR 625, APPENDIX B+C turbo filter	[Signature]	M094219
ACCORDANCE WITH CAR 625, APPENDIX B+C turbo filter	[Signature]	M094219
ACCORDANCE WITH CAR 625, APPENDIX B+C TURBO FILTER CLEANED + INSPECTED	[Signature]	M094219
ACCORDANCE WITH CAR 625, APPENDIX B+C TURBO FILTER CLEANED + INSPECTED	[Signature]	M094219
ACCORDANCE WITH CAR 625, APPENDIX B+C TURBO FILTER CLEANED + INSPECTED. Oil line replaced #3 - 7/80, #4 - 7/80 Engine mounts replaced	[Signature]	M094219
ACCORDANCE WITH CAR 625, APPENDIX B+C TURBO FILTER CLEANED + INSPECTED #3 - 7/80, #4 - 7/80	[Signature]	M094219
ACCORDANCE WITH CAR 625, APPENDIX B+C TURBO FILTER CLEANED + INSPECTED LIMITS. Spark plugs + Ignition leads	[Signature]	M094219

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.



# ENGINE SERVICE AND

# MAINTENANCE RECORD

DATE	TIME RUN		TIME SINCE OVERHAUL	
	HRS.	MIN.	HRS.	MIN.

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE INSTALLATIONS, INSPECTIONS.

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS

DATE	HRS.	MIN.	HRS.	MIN.	DESCRIPTION
DEC 4/12	15	7	1429	.0	ANNUAL INSPECTION ACCOMPLISHED IN OIL CHANGED + SCREEN INSPECTED
JAN 9/13					FUEL BOWL + INJECTOR FILTER SCREENS
MAR 19/13					BOTH MRE'S OVERHAULED (EXECUTIVE ACCESS)
NOV 25/13	15	8	1460	.5	ANNUAL INSPECTION ACCOMPLISHED IN
MAR 3/15	7	10	1467	:40	ANNUAL INSPECTION ACCOMPLISHED IN
12/23/2015			1474	:40	REMOVED AND REPAIRED ALL CYLINDERS WITH NEW CYLINDERS W.O. 152698 SERVICE WITH 8 QUARTS OF 100 MILLETT OIL CYLINDER S/N 00 111974-06, 111974-04, 111974-03, 111974-01. GROUND RAIN LEAK CHECK, OPS CHECK NORMAL. RETURNED AIRCRAFT TO SERVICE
JUN 2/16	30	14	1482	10	
DEC 5/16	11	25	1493	35	ANNUAL INSPECTION ACCOMPLISHED IN

ACCORDANCE WITH CAR 625, APPENDIX B+C  
COMPRESSION TEST - ALL CYLINDERS 70/80 TO 70/80.  
CLEANED (KITCHEN AERO)  
ORIBS, FT LAUDERDALE, FLA

ACCORDANCE WITH CAR 625, APPENDIX B+C  
ACCORDANCE WITH CAR 625, APPENDIX B+C

RETURNED AIRCRAFT TO SERVICE James Fleming 12/27/16

June 02, 2016 TTSO: 1482:10 C-GDNX  
Left engine spark plugs replaced with new UREB 37E.  
Left engine fuel injection line clamps replaced per AD 2015-19-07 and S/B 342G.  
The maintenance described above has been carried out in accordance with the applicable standards of airworthiness.  
Clarence Beintema 348208

ACCORDANCE WITH CAR 625, APP B+C

16-11094-19

TOTAL THIS PAGE	
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TOTAL SINCE MFG.	

CARRIED FORWARD

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

Section Tabular

15. Date of Approval: 15/Dec/2015

18. Signature: [Signature]

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


## ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
			1493	35	
			1565	8	

DATE: JANUARY 15-2018 REG: C-GDNX L/H ENGINE S/N L4035-55A T.T.S.O.:1505.8  
 Annual inspection carried out in accordance with C.A.R. 625 Appendix "B" and "C".  
 Compression test carried out # (1) 78/80 (2) 78/80 (3) 78/80 (4) 76/80. Spark plugs cleaned and regapped and reinstalled. Fuel injector fuel lines inspected per AWD 2015-19-07 and no defects found. Ground run carried out and leak checked no leaks found


The maintenance described above has been performed in accordance with the applicable standards of airworthiness requirements.

Signature:  M156335

DEC 15-2018 19 9 1525 7

DATE: ~~JANUARY 15-2018~~ <sup>DECEMBER 5-2018</sup> REG: C-GDNX L/H ENGINE S/N L4035-55A T.T.S.O.:1525.7  
 Annual inspection carried out in accordance with C.A.R. 625 Appendix "B" and "C".  
 Compression test carried out # (1) 78/80 (2) 76/80 (3) 76/80 (4) 76/80. Spark plugs cleaned and regapped and reinstalled. Fuel injector fuel lines inspected per AWD 2015-19-07 and no defects found. Ground run carried out and leak checked no leaks found


The maintenance described above has been performed in accordance with the applicable standards of airworthiness requirements.

Signature:  M156335

NOV. 30-2019 15 7 1541 4

DATE: NOVEMBER 30-2019 REG: C-GDNX L/H ENGINE S/N L4035-55A T.T.S.O.:1541.4  
 Annual inspection carried out in accordance with C.A.R. 625 Appendix "B" and "C".  
 Compression test carried out # (1) 79/80 (2) 78/80 (3) 77/80 (4) 78/80. Spark plugs cleaned and regapped and reinstalled. Fuel injector fuel lines inspected per AWD 2015-19-07 and no defects found. Ground run carried out and leak checked no leaks found

The maintenance described above has been performed in accordance with the applicable standards of airworthiness requirements.

Signature:  M156335

	CARRIED FORWARD
TOTAL THIS PAGE	
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TOTAL SINCE MFG.	

## MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
 ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE  
LICENCE NUMBER

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.