



Transport
Canada
Aviation

Transports
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Eng. Log #3
July '88
log closed 6-28-97

TP3910E

AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

Second Edition

January 1987

Canada

ENGINE LOG

1. Make LYCOMING
2. Model IO 540 D4A5
3. Specification 1E4
4. Manufacturer's Serial Number L 2537-48
5. Date of Manufacture _____
6. Aircraft Inspection Cycle _____

ENGINE SERVICE AND

MAINTENANCE RECORD

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →			256	99	US LOGS ENGINE OVERHAUL 9-7-85 MAYO STAT #1 76/10 #2 74/80 #3 78/10 #4 25/10 #5
JULY 25/88					
NOV 09/90	28	6	335	59	160 HR/ANNUAL INSPECTION #1 & #2 CYCLES
24 11 91	82	5	418	09	ANNUAL INSPECTION CARRIED OUT IN ACCORDANCE WITH THE AIRWORTHINESS MANUAL CHAPTER 571 APPENDIX "A"
JAN 23/92	81	4	499	5	① OIL + OIL FILTER CHANGED SHELL 15W50 ② DPT ① 25 ② 25 ③ 25 ④ 25 ⑤ 25 ⑥ 25 ③ PROP GOVERNOR GASKET REPLACED ④ ALTERNATOR BELT REPLACED ⑤ FRONT ENGINE Baffle REPAIRED ⑥ NUMEROUS EXHAUST STUDS + NUTS REPLACED ⑦ NEW EXHAUST GASKETS INSTALLED ⑧ NEW STARTER BENDIX ASSEMBLY INSTALLED ⑨ DAMAGED BENDIX MAG SILEN-200 MODEL 10-163010-10 ⑩ OVERHAULED BENDIX MAG SILEN-200 MODEL 10-163010-10 ⑪ NEW THROTTLE ARM INSTALLED ON FUEL ⑫ 6 NEW CHAMPION REM 40E SPARK PLUGS ⑬ ANNUAL INSPECTION CARRIED OUT AS PER
JUN 1/92	33		502	8	XU AVIATION LTD. W.O. #2692 143 Aviation Lane London Airport London, Ontario Canada N5V 3Z9 XU AVIATION LTD. D.O.T. approval #24-88
			502	8	CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
1800 Hr. inspection carried out per Piper periodic inspection report.	[Signature]	YZM-613
27/11/90		
NR EXH FLANGE DETACHED PER JOURNNEY LOG		
DAMAGE WITH THE AIRWORTHINESS MANUAL CHAPTER 571	[Signature]	
SN A 254689 REMOVED		
SN 939135 INSTALLED. TIMED + ENGINE GROUND RUN.		
INSPECTOR BODY	[Signature]	M095631
INSTALLED		
AIRWORTHINESS MANUAL CHAPTER 571 APPENDIX "A"		
The maintenance described above has been performed in accordance with the applicable standards of airworthiness.		
COLLINGWOOD AIR LIMITED W.O. 6270	[Signature]	M149826
- ENGINE REMOVED AND REINSTALLED AFTER MOUNT REPAIRED BY KOSOLA & ASSOCIATES INC.		
- NEW ENGINE VIBRATION ISOLATORS USED		
The maintenance described above has been performed in accordance with the applicable standards of airworthiness.		
INDEPENDENT CONTROL CHECK OF ENGINE CONTROLS	[Signature]	
MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.		

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UNITED HENCKSCRAFT, INC. - HANDBOOM
HANDBOOM FIELD
BEDFORD, MA 01730
FAA CERTIFIED REPAIR STATION REFUR103N

MAINTENANCE RECORD

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

LICENCE
NUMBER

DATE		TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
BROUGHT FORWARD		HRS.	MIN.	HRS.	MIN.			
02 24 95	773 3	841 4				Completed the following maint. - C/W Annual insp. IAW Piper guide		
4913 5	Total Time					1) Comp Test (1) 74/80 (2) 74/80 (3) 77/80 (4) 76/80 2) Repaired heat muffler w/ sheet metal re. 3) Repaired R. fwd cyl baffle w/ sheet metal re. 4) Removed R. mag. - replaced oil seal 10-37 and pts. 10-382585, adj. pts., re-install + 5) Remove + insp. eng. mts. - found to be serviceable 6) Removed + replaced all aft. gaskets w/ Blo-pow 7) R+R eng. baffle seals w/ TSC71 8) R+R oil cooler duct w/ SCAT 16 C/W AD 93-02-05 by visual insp. of C/W 2nd run-up, leak + ops chg good.		
						230 203 Eng. insp. + lube IAW insp. guide 572/80 (6) 76/80 pairs (2 ea) repair 448, distr. blk. 10-52958, distr. gear 10-157197 re-timed to eng. This C/W Bendix 500 lb. insp. rotated mts., re-install, torqued + safetied Type F/E lines - no defects noted Temp. due ex. Annual / 100 hrs		
						This Engine has been inspected in accordance with a (n) Annual inspection and has been determined to be in air-worthy condition. Inspection details are on file at this facility under Work Order Number 6050 TTAF 4489.5 Signature Michael Winkler Date Released Feb 24, 1995		
TOTAL THIS PAGE								
TOTAL FROM PREVIOUS SUMMARY								
TOTAL SINCE MFG.								

UNITED BECHCRAT, INC. - HANSCOM
HANSCOM FELL
BEDFORD, MA 01730
FMA CERTIFIED REPAIR STATION F787135N

This Eugene has been inspected in accordance with a (n) Annual inspection and has been determined to be in air-worthy condition. Inspection details are on file at this facility under Work Order Number 6080 TAF: 4489.5
Signature Melvin Carter
for CRS RF5R169N
Date Released Feb 24, 1995

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

MAINTENANCE RECORD

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DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					

United Beechcraft, Inc. - Bedford
Hanscom Field
Bedford, MA 01730

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
8-29-95	4521.6	Drained oil, Replaced oil Filter. Serviced Eng. 11 Qts 15W-50 Aeroshell oil. Installed and Safety new oil Filter CH48110. Static Run Eng. no oil leaks and all ops normal.	
UNITED BEECHCRAFT, INC. - HANSCOM			
Bedford, MA 01730			
CRS RF5R169N			
Work Order Number 6338			
Signature <u>William J. Jones</u>			
HOBBS TAF 4521.6			

Hanscom Field
Bedford, MA 01730

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
11-15-95		Complied w/ Eng. oil change w/ New CH48110 filter turned and Safety. Serviced Eng. w/ 11 qts of Aeroshell 15W-50. C/W oil analysis. Filter cut open, in average condition. Ground run up performed, no leaks noted at this time.	
RAYTHEON AIRCRAFT SERVICES, INC.			
Bedford, MA 01730			
CRS RF5R169N			
Work Order Number 6665			
Signature <u>TH Jones</u>			
HOBBS 4554.67 TAF			

TOTAL

TOTAL
PREVIOUS SUMMARYTOTAL
SINCE MFG.

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.

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

DATE	TIME RUN		TIME SINCE OVERHAUL		BROUGHT FORWARD
	HRS.	MIN.	HRS.	MIN.	
May 1, 1996	911	0			
4983	17				

- 1) Comp. Test - (1) 76/80 (2) 72/80
14W guide
C/W 100 hr./Annual 14W
2) Replaced oil, imp. filter for metal.
3) Replaced R14 oil, black, had #3
4) C/W AD 93-02-05 by annual
at next 100 hr./Annual
5) C/W gas, run - up, leak &

Paper guide 230 203 Eng. imp + Rebe
3) 76/80 (4) 77/80 (5) 94/80 (6) 94/80
OK, replaced w/ C# 48110 + added 11QT, AS 15W 50 oil
flange repaired by welding (cracked) + re-installed
imp of F/I done - no defects noted. Next drop due
AD's old thru 94-03 in for compliance.
open. also normal. Eng. returned to service

This Engine has been inspected in accordance with engine inspection
and has been determined to be in satisfactory condition. Inspection details are on file at this facility under Work Order Number 4459, 17
Signature _____
for CNS #58100M
Date Released 12/24/1776

RELIABLE AIRCRAFT SERVICES
HANSCOM FIELD
BEDFORD, MA 01730

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

SIGNATURE
LICENCE NUMBER

This log book is now closed. See new ENG
Michael O'Brien 204429097A

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

TOTAL THIS PAGE	TOTAL FROM PREVIOUS SUMMARY	TOTAL SINCE MFG.

CARRIED FORWARD

Removed eng. for OVHL on this date
log for re-install + details of OVHL
June 28, 1997 4950.8 7H 981.3 SMOH