

ENGINE LOG

1. Make
2. Model
3. Specification
4. Manufacturer's Serial Number
5. Date of Manufacture
6. Aircraft Inspection Cycle

LYCOMING ENGINES

TIO-540-AH1A

E14EA

L-13224-61A

11-Aug-08


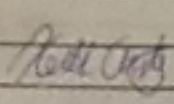

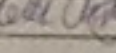
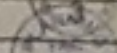
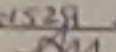
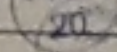
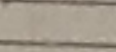
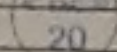
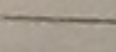
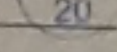
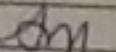
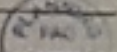
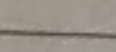
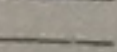
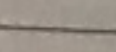
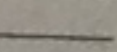
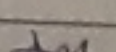
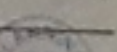
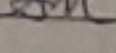
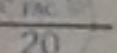


# ENGINE SERVICE AND

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	→		0	0	
Oct 6, 2009	0	0	0	0	Engine received new at Found Aircraft Canada Inc. PO# 17123
27 Aug 09	-	-			New Lycoming Engine installed, mal T10-540-AH14
27 Aug 09	-	-			Alternator replaced with thermo-
02 Sep 09			2	7	Turbo-charger controller adjusted to 40 inch per TAB #26
04 Sep 09	16	9	19	6	Daily, 10hr + 25hr Lycoming engine 60297-23, 60294-7, FAC form 12100-
02 Oct 09	4	5	24	1	Turbo charger Pcv removed for Pln 410944-00070, Sln LENO0362 re-A218. Engine fuel servo removed for servo re-installed Pln 2576554-3 FAC FTWR 4218.
06 Oct 09	4	24	5		Engine driven fuel pump replaced Installed: Pln 200F-5002, Sln: m6n0
12 Nov 09	15	0	39	5	Engine 50hr. Insp. acc. IAW Lycoming 6029
08 Feb 10	16	0	55	5	Engine 100hr. Insp. acc. IAW Lycoming Ref. W10062453
15 Mar 10	43	0	98	5	Engine 50hr. Insp. acc. IAW Lycoming
14 May 10	30	5	129	0	Engine 50100hr Insp. acc. W10
21 July 10	42	3	140	8	Magnetos removed + re-installed. Engine re-23A, sec 5.1.B. 500hr. magneto insp. acc.
CARRIED FORWARD					
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					



# MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTERED: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS	SIGNATURE	LICENSE NUMBER
		
SN: 1322461A, as per dwg 2800, 155 103 & 202-4 AFH's coupled model ref: FTWR 4176		
Provide a maximum manifold pressure of		
inspections carried out per manual		
SN, w/o 061801		
Bench check, no fault found, original PRV		
installed. Leavens w/o 2091213. FRC FTWR		
bench check - repaired by Leavens - original		
SN 70649007, Leavens w/o 2091212		
Removed: PINR6902054A/m, SIN E3667		
11FP. Ground test serviceable		
60297-23A sec 4 + Form 12100-87. Ref w/o		
061801		
mtn manual T10-540 AHIA-FAC form 12100-87		
manual 60297-23A sec 4 + form 12100-87. w/o 062556		
063407		
Engine re-timed per Lycoming manual PN 60297-		
140.3 hrs. engine time.		

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



# ENGINE SERVICE AND

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DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	ENTRIES, ORCH & D
	HRS.	MIN.	HRS.	MIN.		
BROUGHT FORWARD			140	.8		
21 July 10	-	-	140	.8	Magnets removed + re-installed. Engine re-removed, inspected, re-installed. Intake replaced. PN 71973 + 72711. Po 19317	timed per Lye pipe gaskets
21 July 10	-	-	140	.8	Turbocharger + exhaust system removed. Pipe gaskets replaced. PN RA7761, Po 19317	inspected + re V Band coupl
21 July 10	-	-	140	.8	Turbocharger waste gate setting adjusted per flight	sted per flight
21 July 10	-	-	140	.8	Altimeter united, PN 5934 PA-3, SN 475062 re-calibrated by	calibrated by
21 July 10	-	-	140	.8	App Governor model V.S.4 SN 69745 service unit re-set	unit re-set
21 July 10	-	-	140	.8	Engine lower isolator replaced barmy	mount PN
21 July 10	-	-	140	.8	Engine mount tubing on right side DR 7513. Ref master snag sheet	adjacent to t
21 July 10	-	-	140	.8	Ground engine run carried out	25. i- satisfacto
03 Aug 10	1	.4	142	.2	Lycoming engine model T10-540- engine model 10-580-B1A, SN 202.4 hrs run, Lye manual pln FTWR 4271 + wlo 064205. Engine selected. Engine Insp. acc.	41A, SN L132 137-79A, i LMO 580 B. inhibited w
21 Mar 11	-	-	142	.2	Lycoming engine installed at 142.4 hr. AF H 437.6 Ref wlo 0655535 + FTWR	142.4 hr + FTWR
21 Mar 11	-	-	142	.2	Turbo waste gate change LENO 446 OFF, Pln 470954-0009,	accompl Sln NENOC
21 Mar 11	-	-	142	.2	Engine run-up carried out function + leak completed serviceable.	
			142	.2	CARRIED FORWARD	
TOTAL THIS PAGE						
TOTAL FROM PREVIOUS SUMMARY						
TOTAL SINCE MFG.						



# MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS <small>ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.</small>		SIGNATURE	LICENSE NUMBER
19317	Revised per Lycoming. PN 60297-2 Induction system pipe gaskets found to be hardened + cracking	dm	20
19317	Inspected + re-installed, no fault found. exhaust v-band couplings assembled + torqued 14W 511238B	dm	20
19317	Adjusted per flight test work request 4225	dm	20
19317	Calibrated by Woodlawn Inst. w/o 56829 + re-installed	dm	20
19317	Unit re-set by Hope Aero to 2500 rpm. w/o 19325	dm	20
19317	Mount PN 94011-02. Ref master snag sheet 25, item 1	dm	20
19317	Align to turbo-exhaust refinished as per 25, item 2.	dm	20
19317	Satisfactory.	dm	20
19317	41A, SN L1322461A removed, Lycoming 137-79A, installed serviceable at LMO 580B, sec 72-00-06, D, E, F. Ref inhibited with shell 2F inhibiting oil.	dm	02 20
19317	at 142.4 hr. T10-540-AH1A. Total 5531 + FTwr 4306	dm	20
19317	accomplished, P/n 470954-0009AR, sh sh NEN00127 installed.	dm	20
19317	operation + leak checks of engine + prop	dm	20

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



# ENGINE SERVICE AND

MAINTENANCE

INSTALLATIONS, INSPECTIONS, REPAIRS, OIL CHANGES, ETC.

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

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

CARRIED FORWARD

11 May 11 6 6 142 2

60294-7, T10-540-AH1A form

81 July 11 42 4 148 8

Engine 50hr Insp. acc. IAW Lycoming

12100-87. Ref w/o 066702

24 Oct 11 27 9 219 1

Lycoming Engine model T10-540-AH1A

at 76 hrs time run. Plus previous

34 Oct 11 - - 219 1

Lycoming engine T10-540-AH1A

Ref w/o 067580.

15 Dec 11 - - 219 1

Lycoming engine model T10-540-

serviceable. IAW drawing DN22

sec 7 @ 219.1 hrs. run. Ref

15 Dec 11 - - 219 1

Engine 100hr. Insp. carried out

ser. 4, shell w/5W50 oil installed

15 Dec 11 - - 219 1

Engine instruments set-up IAW

pressure test per Sl. 1308. acc.

15 Dec 11 - - 219 1

Engine run-up carried out,

+php. Completed serviceable.

07 Jun 12 13 16 232 7

Engine 500hr annual Insp. carried

manual 60297-23 + 60294-7. T10-

540-AH1A, form

17 Jan 13 - - 274 0

CF-90-0382 main exhaust heat inspection

carried out. No d

CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAXIMUM



# MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
Carried out IAW Lycoming man 60297-23+ 12100-87. Ref wlo 065700		Am	PLANNED TAC 20
Lycoming mtn manual 60297-23+ 60294-7. form		Am	PLANNED TAC 20
sn L13224-61A removed serviceable run 142.4 hrs. Engine total time 219.1		Am	PLANNED TAC 20
Inhibited for storage per SL-L180B.		Am	PLANNED TAC 20
540 AHIA, sn L13224-61A de-inhibited & installed ISS 1, DS+ Lycoming man. 60297-23A FAC2-M200, mm sec. 71-00-20		Am	PLANNED TAC 20
Carried out IAW Lycoming manual 60297-23A FAC form 12100-87. Ref FAC wlo D68003		Am	PLANNED TAC 20
IAW TN-204T, ISS 5, sec. S.I. magneto		Am	PLANNED TAC 20
function + leak checks of engine		Am	PLANNED TAC 20
Carried out as per Lycoming maintenance 10-540-AHIA, form 12100-87. Ref wlo 069208		Am	PLANNED TAC 20
Carried out. No discrepancies noted		Am	PLANNED TAC 20

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