

ENGINE LOG

1. Make LYCOMING 2000 TBO
2. Model D-540-B4B5
3. Specification _____
4. Mfg. Serial No. L-12729-40A
5. Reduction Gear Ratio _____
6. Date of Manufacture 1968

MAINTENANCE RECORD

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

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

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
Jan 19			558	14	Engine brought forward
Jan 19			558	14	Engine brought forward
Jan 19			659	6	100 hrs for CCI carried out on per sheet
Jan 13/80			101	5	
Dec. 12/80			687	1	Oil changed for W-15 and 1 qt. Rulon
Apr 25/81			303	4	Change oil to W-100
Apr 25/81			277	1	100 hrs for CCI carried out on per sheet
July 3/82			38	9	100 hrs for CCI carried out on per sheet
Aug 1/83			820	5	100 hrs for CCI carried out on per sheet
Aug 9/80			825	6	Inspection completed. Oil changed
Aug 1/85			380	6	100 hrs for CCI carried out on per sheet
Aug 25/86			816	8	100 hrs for CCI carried out on per sheet
Feb 10/87			835	5	Oil changed. Steel is W-15. Oil level
Apr 14/87			896	9	Oil changed. Steel is W-15. Oil level
Aug 13/87			914	7	Oil changed. Steel is W-15. Oil level
Aug 21/89			918	6	Oil changed. Steel is W-15. Oil level

DATE	DESCRIPTION	INSPECTOR	DATE	TIME	REMARKS
Jan 19	Engine brought forward				
Jan 19	Engine brought forward				
Jan 19	100 hrs for CCI carried out on per sheet				
Jan 13/80					
Dec. 12/80	Oil changed for W-15 and 1 qt. Rulon				
Apr 25/81	Change oil to W-100				
Apr 25/81	100 hrs for CCI carried out on per sheet				
July 3/82	100 hrs for CCI carried out on per sheet				
Aug 1/83	100 hrs for CCI carried out on per sheet				
Aug 9/80	Inspection completed. Oil changed				
Aug 1/85	100 hrs for CCI carried out on per sheet				
Aug 25/86	100 hrs for CCI carried out on per sheet				
Feb 10/87	Oil changed. Steel is W-15. Oil level				
Apr 14/87	Oil changed. Steel is W-15. Oil level				
Aug 13/87	Oil changed. Steel is W-15. Oil level				
Aug 21/89	Oil changed. Steel is W-15. Oil level				
Aug 25/89	Oil changed. Steel is W-15. Oil level				

REPAIRS, ADJUSTMENTS, MODIFICATIONS

ENGINE ASSEMBLY

1. I certify that the Condition and Conformity Inspection has been completed on this aircraft and the aircraft was determined to be airworthy/servicable.

2. I certify that the Condition and Conformity Inspection has been completed on this aircraft and the aircraft was determined to be airworthy/servicable.

3. I certify that the Condition and Conformity Inspection has been completed on this aircraft and the aircraft was determined to be airworthy/servicable.

4. I certify that the Condition and Conformity Inspection has been completed on this aircraft and the aircraft was determined to be airworthy/servicable.

5. I certify that the Condition and Conformity Inspection has been completed on this aircraft and the aircraft was determined to be airworthy/servicable.

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9. I certify that the Condition and Conformity Inspection has been completed on this aircraft and the aircraft was determined to be airworthy/servicable.

10. I certify that the Condition and Conformity Inspection has been completed on this aircraft and the aircraft was determined to be airworthy/servicable.

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

INSTALLATIONS, INSPECTIONS, IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIRWORTHINESS.

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
Aug 27/81			921	9	1st scheduled inspection with
Aug 28/81	20	8	942	7	100 hr inspection on engine. 5 overhauls 571 Compass rose. 1 1/2 20 3 1/4 5 1/2 13 2 1/4 30 30
Aug 8/81	49	0	394	7	
Aug 6/81			1235	8	
July 18/81			1266	4	

TOTAL THIS PAGE
TOTAL FROM PREVIOUS SUMMARY
TOTAL SINCE MFG.

CARRIED FORWARD

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIRWORTHINESS.

ENTRIES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
on 1st scheduled inspection with		
Approved by Mr. J. W. M. 1st scheduled 15w-50 installed		
1 CERTIFY THAT THE WORK DESCRIBED ABOVE MEETS APPLICABLE AIRWORTHINESS STANDARDS.		
15w-50 oil		
15w-50 oil		

I CERTIFY THAT THE WORK DESCRIBED ABOVE MEETS APPLICABLE AIRWORTHINESS STANDARDS.

Signature: [Handwritten Signature]
Date: July 5, 1981
Licence Number: 2198222

For Mr. service & inspection as per check sheet
The maintenance described above has been performed in accordance with the applicable standards of airworthiness
Signed: [Handwritten Signature] Date: July 5, 1981
Licence No: 2198222

For Mr. service & inspection as per check sheet
The maintenance described above has been performed in accordance with the applicable standards of airworthiness
Signed: [Handwritten Signature] Date: July 5, 1981
Licence No: 2198222

For Mr. service & inspection as per check sheet
The maintenance described above has been performed in accordance with the applicable standards of airworthiness
Signed: [Handwritten Signature] Date: July 5, 1981
Licence No: 2198222

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE RECORD

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
NEW 2/26/5	2	1	1294	0	100 HOUR 1500WATT INSPECTION COMPLETED IN 15 USE. CHANGED OIL FILTER - CHECKED. OLD FILTER INSPECTED - NO CONTAMINATION FOUND. COMPRESSORS AND TEST SPARK PLUGS. CHECKED EXHAUST AND HEAT SHIELDS. CHECKED ENGINE CONTROLS FOR SECURITY AND FUNCTION. THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRCRAFT MAINTENANCE REQUIREMENTS.

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	ENGINE TIME AVAILABLE	TOTAL TIME SINCE OVERHAUL	SIGNATURE

Piper PA28-235C Aircraft, SN:2811207 C-GJGV TTAF 1097.5 Annual inspection carried out IAW CARB 625.89 Appendix B3C using Piper MM as guide. Engine oil and filter replaced. Sill 15W50 and CH48110-1 filter CR filter checked for contamination. Oil adjusted up 1/2 turn. Spark plugs removed and new spark plugs installed. Engine compression completed. #1 70 #3 77 #2 76 #4 73 #5 74 # 6 72 Engine driven vac. Pump replaced with new. Engine to magnet timing completed IAW Piper MM. Replaced engine oil and filter after 1 hr flight. No contamination found at this time. Replaced engine alternator with new light weight kit P/N 10-105. Replaced alternator drive belt. Replaced fuel and oil hoses as required. AD-CF-90-03-R2 Exhaust Type Cockpit Heater Inspection - no defects. Service battery. Engine ground run completed. The Work Described Above Was Performed In Accordance With The Applicable Standards Of Airworthiness.

Signature: *[Signature]* License No. M269436 Date: Mar 29 2019
 Lorne Finanical Aircraft Maintenance Services
 14-Regt 14, 3801 Airport Drive Springwood, AB T4S 2E2

TOTAL THIS PAGE	TOTAL FROM PREVIOUS SUMMARY	TOTAL SINCE MFG.	CARRIED FORWARD
2290 10 03	259	1123 4	1123 4

Engine removed for corrosion repair and Top overhaul.

MAXIMUM HOURS BETWEEN OVERHAULS 2000 HOURS.

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One		3. Form tracking No. 19-1908	
4. Organization name and address DAVE FROM AVIATION BOX 720, PENHOLD, AB, CANADA TOM 1R0				5. Work order/contract/invoice 19-1908	
6. Item 1	7. Description LYCOMING AIRCRAFT ENGINE	8. Part No. A540B4B5	9. Qty. ONE	10. Serial/batch No. L12729-40A	11. Status/work REPAIR
12. Remarks Engine repaired as per Lycoming overhaul Manual 60294-7 Revision 13. and all applicable AD's and SB's. See attached parts list.					
13a. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input checked="" type="checkbox"/> CAR 571.10 Maintenance release. <input type="checkbox"/> Other regulations specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature		13c. Approval Organization Number		14b. Signature David P. From	
13d. Name		13e. Date (dd/mm/yyyy)		14c. Approved M1426 Organization Number	
				14d. Name DAVID P. FROM	
				14e. Date (dd/mm/yyyy) 06/12/2019	

6	LW10647	drumels	2	MS1664-103T	snaf rings
1	MS9144-1	governor gasket	6	ASC 75089	pistons
1	SL78528	oil pump bit	6	SL36015C	ring sets.
6	SL16475	retainers ext.			
6	AEL10077	retainers int.		D. From	M1426
12	SL11800	spring			
12	SL11795	spring			
2	S5K	bearing			
6	SL13444-1	piston pins			
6	SL13790A	rocker shafts			
12	SL12892	thrust buttons			
12	SLSTD 1410	wruts			
4	SL12136	magnets cushions			
1	CCA1700	curtis drain			
3	SL31C-12	exhaust studs			
12	UREM 38E	spark plugs			
1	SL8028B	relief ball			
12	AEL78524	sockets			

ENGINE SERVICE AND

INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.
	HRS.	MIN.	HRS.	MIN.	
2019 PROBLYT FORWARD	1133	4	1133	4	
Dec 6/19	1133	4	1133	4	Engine serviced as per logbook. Annual inspection carried out per LHM CARs 625.86 Appendix B&C using Piper MM as guide. Engine removed due to metal contamination. (Drove From Aviation for repair). Engine reinstalled after repair. Drove From W/O 19-1908). Engine oil and filter replaced. Phillips 20W50M and CH48110-1 filter. Oil filter checked for contamination. Replaced engine magneto harness P/N 10-821671-2. Replaced all battery power cables from aluminum to unshielded 2 gauge aircraft wire. Idle adjusted up 1/2 turn. Magneto synchro inspection completed as part of engine overhaul. Engine to magneto timing completed JAW Piper MM. Propeller removed to facilitate engine removal and reinstalled after engine change AD-CF-90-03-R2 Exhaust Type Cockpit Heater Inspection - no defects. Service battery. Engine ground run completed. The Work Described Above Was Performed In Accordance With The Applicable Standards Of Airworthiness.
	1134	4	1134	4	

Piper PA28-235C Aircraft, S/N:2811207 C-GJGV T/AF 1123.4
 Annual inspection carried out per LHM CARs 625.86 Appendix B&C using Piper MM as guide
 Engine removed due to metal contamination. (Drove From Aviation for repair)
 Engine reinstalled after repair. Drove From W/O 19-1908)
 Engine oil and filter replaced. Phillips 20W50M and CH48110-1 filter
 Oil filter checked for contamination
 Replaced engine magneto harness P/N 10-821671-2
 Replaced all battery power cables from aluminum to unshielded 2 gauge aircraft wire
 Idle adjusted up 1/2 turn
 Magneto synchro inspection completed as part of engine overhaul
 Engine to magneto timing completed JAW Piper MM
 Propeller removed to facilitate engine removal and reinstalled after engine change
 AD-CF-90-03-R2 Exhaust Type Cockpit Heater Inspection - no defects
 Service battery
 Engine ground run completed
 The Work Described Above Was Performed In Accordance
 With The Applicable Standards Of Airworthiness.

Signature: *[Signature]* License No. M359436 Date: Dec. 24 2019
 Home: Frontal Aircraft Maintenance Services
 Hangar 14, 3801 Airport Drive, Springfield, AB T4S 2E8

TOTAL THIS PAGE	TOTAL FROM PREVIOUS SUMMARY	TOTAL SINCE MFG.	CARRIED FORWARD
7 3	1130 7	1130 7	1130 7
2019.10.21	520	1182 7	1182 7
			1182 7

Annual inspection... Annual inspection complete. #2 cylinder missing hardware, leaking... Compression test... 1-69 2-76 3-71
 I.A.W. CARs 625 Appendix B&C. Hardware replaced as required. 72-5-76 6-75
 Magneto synchro inspection completed as part of engine overhaul. Engine to magneto timing completed JAW Piper MM. Propeller removed to facilitate engine removal and reinstalled after engine change AD-CF-90-03-R2 Exhaust Type Cockpit Heater Inspection - no defects. Service battery. Engine ground run completed. The Work Described Above Was Performed In Accordance With The Applicable Standards Of Airworthiness.

MAINTENANCE RECORD

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

Dec 24 2019
 Annual inspection carried out per logbook. Annual inspection completed. #2 cylinder missing hardware, leaking... Compression test... 1-69 2-76 3-71
 I.A.W. CARs 625 Appendix B&C. Hardware replaced as required. 72-5-76 6-75
 Magneto synchro inspection completed as part of engine overhaul. Engine to magneto timing completed JAW Piper MM. Propeller removed to facilitate engine removal and reinstalled after engine change AD-CF-90-03-R2 Exhaust Type Cockpit Heater Inspection - no defects. Service battery. Engine ground run completed. The Work Described Above Was Performed In Accordance With The Applicable Standards Of Airworthiness.

2019-02-10
 SMOH = 1189.4
 1184.4
 61.6 TTs Reserve

CENTRAL AERO
 centralaero@rogers.com
 Piper PA28-235
 S/N: 28-11207
 T/AF: 1182.7
 October 20, 2021
 WO#21-18

The maintenance described has been accomplished in accordance with the applicable standards of airworthiness.

Signature: *[Signature]* M1426
 Date From: M1426

Oil change carried out. Engine serviced with 90ts Phillips 20W50DX/C. Oil filter replaced P/N CH48110-1. Interior of old filter checked - indication of piston pin plug wear noted, to be checked again following some running. Differential compression: 1.7/0.80 2.75/0.80 3.74/0.80 5.76/0.80 6.73/0.80

THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIRWORTHINESS. M757016

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED REL Form
4. Organizations Name and Address:		ATC 6406 BLUEBIRD ST. RA 705-
6. Item:	7. Description:	8. Part Number:
1	CYLINDER ASSEMBLY	74924
12. Remarks: Cleaned and inspected. Installed all new exhaust guides. Refaced exha P10 oversize and hone cylinder barrels. Assemble and leak check valv		
13a. Certifies that the items identified above were manufactured in conformity to:		
<input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		
13b. Signature		13c. Approval Organization Number
13d. Name		13e. Date (dd/mm/yyyy):
30 Dec 2008(Previously form 24-0078)		
		Installer Re
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the airc the applicable national regulations before the aircraft may be flown.</p>		

MAINTENANCE RECORD

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

SIGNATURE

LICENCE
NUMBER

CENTRAL AERO

centralaero@rogers.com

C-GJGV

April 13, 2022

WO#22-P09

Piper PA28-235

S/N: 28-11207

TTAF: 1184.4

- > Annual inspection carried out IAW CAR STD 625 appendix B&C with reference to Piper Inspection Report 230-207
- > Re and re all cylinders with new gaskets and seals to facilitate repairs at ATC WO#5511. See Form1 in engine log for details.
- > Oil sump drained. Engine serviced with 11qt Phillips 20W50X/C
- > Oil filter replaced P/N CH48110-1
- > Induction filter element replaced P/N BA3.
- > Engine washed down, ground run and leak checked - all parameters are normal, no leaks found

THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN
ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIRWORTHINESS


M757016

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.