

ENGINE LOG

PIPER AIRCRAFT CORPORATION

General Offices at
Lock Haven, Pennsylvania
U. S. A.

Part No. 230 716

and Remarks

Signature

Certificate No.

114th Bombard 50 in' added.
OK.

Frederick P. Swett

APD 449289425

I certify that this engine was inspected in accordance
and was determined to be in compliance with the

Anthony Adams AM122663614

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
14 DEC 79	Brought Forward →			
I certify that this ENGINE has been				
Inspected in accordance with an ANNUAL inspection and was determined to be in air-worthy condition.				
Time 222.8	hours.	Total time 222.8	hours:	
15 Dec	A & P	2,141,200	79	at "Precision Air Inc. See attached
Cond - Pls AD 79-15-6 by ^{MRS} repair of May by Bendys				
See attached Cond. - adjusted valve mixture & engine checked for leaks				
Total To				
Carry Forward				

Compressor checked as follows
 #2 # 1.50 #3 3.50 #4 4.50 #5 5.50 #6 6.50
 Fuel inject

Pls AD 79-21-08 by repair

and Remarks	Signature	Certificate No.
268 TT Changed oil & filter replaced rocker box cover gaskets checked compression all + 7/4/80. Rechecked engine. Submitted all controls. Milled & balanced A491997075 23 SEP 80		
15 Jan 1981 278 TT I certify that this engine has been inspected with an annual inspection & returned to service Milled & balanced A491997075 Compression all + 7/9/80	H.F. 1997075	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
February 1, 1982	Tack Time: 0316:75			
	100 HR INSPECTION IN ACCORDANCE WITH PIPE SER. MANUAL.			
	1) COMPRESSION CHECKED: Cyl #1-76, #3-77, #5-78, #2-78, #4-78, #6-79			
	2) High Tension Lead Tested (HARNES)			
	3) Renewe, CUBAN, GAP, TEST & REINSTALL Plugs (Torque)			
	4) CHANGE OIL AEROSHELL 5W-50W.			
	5) CHANGE OIL FILTER - CH48103.			
	6) CHECK AND SET MAG Timing.			
	7) INSTALL New Fuel drain Hose Engine cowL.			
Total To Carry Forward				

and Remarks

Signature

Certificate No.

Performed inspection in accordance with manufacturer
service manual check list.

Compression OK OK. Cleaned & gapped spark plugs
worked Engine - CHKD MAG. CHKD ignition Hoses Run up

CHKD OK - no oil leaks noted - AD Runover list reviewed
Then 82-2

I certify that this Engine has been
inspected in accordance with a manual
inspection and was determined to
be in air worthy condition.

Tach 370.0

Date 3-12-83 W/O # 1114

Mechanic sign
H. Overland

APP 150463449 J.A.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
22 Jan 84	Brought Forward →			Completed an Annual Inspection.
Changed Oil and Filter.				Added Amsoil 15W50 oil.
Compressor check:				1-78/80, 2-74/80, 3-73/80, 4-78/80, 5-75/80, 6-74/80
Adjusted idle mixture.				quarantined over induction air filter, also.
Chg 10 80-17-10				by inspection Throttle control cable.
Chg 40 78-9-7 R3				by inspection changeable coupling on
Magnum 5/4.			19294K.	
Chg 10 82-11-5				5/8 617 Magnum Distributor
See inspection.				continued next page.
Total To Carry Forward				

and Remarks

Signature

Certificate No.

APPROVED FOR RETURN TO SERVICE
PERTINENT DETAILS ARE ON FILE
AT THIS REPAIR STATION UNDER
WORK ORDER NO. 4342

LANCASTER AVIATION, INC.
RD 3 LITIZ, PA 17543
Repair Station 161-4

DATE 22 Jan 84 SIGNATURE OF AUTHORIZED REPRESENTATIVE Thomas R. Brown

I certify that this engine has been inspected in accordance with a Annual inspection and determined to be in an airworthy condition.

LANCASTER AVIATION, INC.
REPAIR STATION 161-4

DATE 22 Jan 84 TOTAL TIME 479.9

Signature of Authorized Representative Thomas R. Brown

APPROVED FOR RETURN TO SERVICE
PERTINENT DETAILS ARE ON FILE
AT THIS REPAIR STATION

DER

WC- 10102

Customer File Stub

Registration No. N 39166C
Engine Serial No. L-5589-61A
Date Mailed 25 July 84
Inquiries 404-321-7909

"Wear Check" sample matters will be replaced with unused matters if defective in manufacture, labeling, or packaging, or if lost by us or any associate company, even though by negligence or other fault.
Except for such replacement, the sale, processing or other handling of these samples for any purpose is without other warranty or liability.

AUTHORIZED
TATIVE

*25 July 84 Tach 546.9
Annual Annual File*

and Remarks

Signature

Certificate No.

Feb 21, 1985 Replaced #1 sign lead on W. wing.

613,5 *Handwritten*

APPROVED FOR RETURN TO SERVICE
PERTINENT DETAILS ARE ON FILE
AT THIS REPAIR STATION UNDER
WORK ORDER NO. 5754

DATE 2-27-85

*James W. B...
Handwritten Signature*

SIGNATURE OF AUTHORIZED
REPRESENTATIVE

LANCASTER AVIATION, INC.
REPAIR STATION 161-4

and Remarks

Signature

Certificate No.

28 Apr 85 Tank time 663.8

Changed oil and filter

took oil sample for analysis

checked oil system with ammeter

15W50 oil. Adjust altimeter bolt

Inspected. No significant wear changes.

APPROVED FOR RETURN TO SERVICE
PERTINENT DETAILS ARE ON FILE
AT THIS REPAIR STATION UNDER
WORK ORDER NO. 6606

28 Apr 85

[Signature]

SIGNATURE OF AUTHORIZED REPRESENTATIVE

LANCASTER AVIATION, INC.

REPAIR STATION 110-4

and Remarks

Signature

Certificate No.

Engine Compression - 1) $\frac{74}{80}$ 2) $\frac{68}{80}$ 3) $\frac{70}{80}$ 4) $\frac{74}{80}$ 5) $\frac{70}{80}$ 6) $\frac{74}{80}$

Date 3-11-86 FR 67728Tkt

CHANGED OIL and

This engine inspected in accordance with a

filter, serviced with

Annual inspection and

determined to be airworthy.

15w50 Aeroshell, installed

Signed Details on W/O 3027

12 new Spark Plugs, See

Monmouth Aircraft Service, Inc.,

AD'S rear of aircraft

Parminsterdale, N. J. CRS 161-16

FILED at

Log book

ENDS

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11 July 87	Brought Forward →		2088.5	
				Change oil and filter. Service
				oil system with Marshall 15W50
				oil
				APPROVED FOR RETURN TO SERVICE PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. <u>2088</u>
		9/11/86		<i>[Signature]</i> DATE
				SIGNATURE OF AUTHORIZED REPRESENTATIVE LANCASTER AVIATION, INC. REPAIR STATION 110-4
Total To				
Carry Forward				

and Remarks

Signature

Certificate No.

Apr 86 Tech time 241.2

Checked oil and filter, drained
with washbolt 15 in 50 mil. Run up
and back about 1000 and found
nothing.

APPROVED FOR RETURN TO SERVICE
PERTINENT DETAILS ARE ON FILE
AT THIS REPAIR STATION UNDER
WORK ORDER NO. 7672

DATE 2/11/86

[Signature]
SIGNATURE OF AUTHORIZED
REPRESENTATIVE

LANCASTER AVIATION, INC.
REPAIR STATION 110-4

and Remarks	Signature	Certificate No.
<p>9/24/87 Tact 806 Sexual with 15W50 Freshkill H Boyd QRS161-16</p>	<p>Changed to + Allen</p>	<p></p>

69/80
 71/80
 75/80
 Freshkill
 QRS

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Brought Forward →		
4/27/88				Completed an Annual Inspection Changed oil and filter, cleaned with Carrroll w/ 40 mineral oil. Compression test #1 70 #2 60 #3 60 #4 72 #5 70 #6 74. Removed #2 and #3. Spindles for overhaul. Installed #2 & #3 spindles after overhaul by Cap. Assistant me. Installed new tanks for tail pipe claps. Operator short circuit and found short circuit by operator next page
Total To				
Carry Forward				

and Remarks

Signature

Certificate No.

David H. Brown

LANCASTER AVIATION, INC.

RD 3, Lititz, PA 17543

Repair Station 110-4

APPROVED FOR RETURN TO SERVICE

PERTINENT DETAILS ARE ON FILE

AT THIS REPAIR STATION UNDER

WORK ORDER NO. 8892

I certify that this ~~aircraft~~ has been inspected
in accordance with a ~~repair~~ inspection and
determined to be in an airworthy condition.

4 Jul 88

4 Jul 88

8433

DATE
SIGNATURE OF AUTHORIZED
REPRESENTATIVE

DATE
TOTAL TIME

LANCASTER AVIATION, INC.
REPAIR STATION 110-4

Signature of Authorized Representative

3/18/88 Drained oil, changed & insp. filter. Serviced eng.

Tach 8811 with Nat. Hershell 15/80 oil. Eng. ground run

checks normal David H. Brown APP 31528235-1

and Remarks	Signature	Certificate No.
6/14/88 Drained oil, changed a wsp. Filter.		
Tach 937.6 Serviced eng. with 12qt. Acrosshell		
15/50 oil. Eng. ground run checks normal.	David A Hansen	
APP 315 221354		
6/18/88 Removed failed vac pump & installed		
Tach 947.5 new P/N 211cc, S/N 03AD001980.		
Functional check normal.		
Replaced all tires.	David A Hansen	
APP 315 221354		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Previous		
7-21-88	Brought Forward →	TH 952.5	952.5	Engine map completed per map guide, change engine oil & filter, service with checked 15W50. Run compression check 80/135. 1-73, 2-75, 3-74, 4-74, 5-74, 6-74. Also. Service spark plugs - V-torbits. Remove magnets & Chw A/D note 78-09-07-R3. (imp. mi - pulse coupling for over & ground ok.) May PM 10-385126-111, SN 1929K, color clean & lub points & shot gear, return to engine. Replace gasket seal for #4 cyl. intake tube. Install Super alternator bracket bit PN 79886-011.
		Chw A/D 84-26-02		installed new induction air
Total To Carry Forward				CONT. NEXT PAGE

and Remarks

Signature

Certificate No.

filter RA 125997-005. Fuel poppet & valve not made marks.
took down engine, run up & raps for leaks. see AID note
listing in book. William S. Boyd AWP 1139253

Date 7-21-88

Total Time 952.5

This ~~engine~~ has been inspected in accordance with a
ENGINE AVIATION inspection and was
determined to be in airworthy condition.

ELKHART AIR SERVICE

Elkhart Municipal Airport

W.O. No. 2267 27658 C.R. 6 W Elkhart, IN 46514

F. A. A. CERTIFICATED REPAIR STATION NO. C-16222

Signature for Repair Station

William S. Boyd

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
3-23-89			1078.2	Change engine oil
	† Piston. Service with Amvel 15W50 oil.			
	† Piston down, run up & imp. for leaks.			
	William S. Pratt			
	ASP 1139253			
	CRF C-18-34, R/b 2373			
Total To Carry Forward			R1	

and Remarks

Signature

Certificate No.

~~Not used~~

and Remarks	Signature	Certificate No.
<p>#5 & #6 cyl with <u>chrome overhauled cylinders</u></p> <p>all rods & gaskets for cyl replaced</p> <p>valve & reloaded & seats removed with SOV</p> <p>now back checked Test Flown thru retrograde</p> <p>all parameters normal. end.</p>		
<p>The aircraft and/or component identified above was repaired and inspected in accordance with the Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under</p> <p>W. O. No. <u>1376</u> Date <u>4-24-89</u></p> <p>Signed <u>Robert Stearns</u></p> <p>signature of authorized person for</p>		
<p>ELKHART AIR SERVICE Elkhart Municipal Airport 27650 CR 6 W Elkhart, IN 46514 E.A.A. CERTIFICATED REPAIR STATION NO. 218-34</p>		

and Remarks	Signature	Certificate No.
<p>12-18-89 TAC 1130.6 Turbo Plus Turbo this Date Drained oil Replaced Filter serviced w/ shell 1750 King of No Leaks</p>	<p>Drilled oil removed</p>	<p>Drilled oil removed</p>
<p>7-2-90 TAC 1185.75 Drained oil removed</p>	<p>Drilled oil removed</p>	<p>Drilled oil removed</p>
<p>Filter oil sample taken installed new Champion Filter + serviced w/ Aeroshell 15/50 W/ashed Eng installed New Transmission waste Gate Assy King of K</p>	<p>Drilled oil removed</p>	<p>Drilled oil removed</p>

Drilled
 11/11/2011

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9-17-90	Brought Forward →	TT	1206.3	<p>COMPRESSION TEST RESULTS:</p> <p>#1-75/180, #2-67/180, #3-75/180 #4-78/180, #5-75/180, #6-68/180</p>
<p>Worked engine compression taken, drained oil, cleaned & capped plugs replaced 2 Due to Failure of test, installed new Torco (air) filter cable, RA AD 80-17-10 Replaced oil filter replaced with new champions, serviced engine with 12gts Aeroshell 1550 flu AD 89-12-04 By Inspection of V-Band clamps & EXHAUST Due Reinspection @ 1306.3 P.D. (cleared) Due Reinspection @ 1417 Hrs. Cleared Inspectors attached Total To Carry Forward</p>				

Done Engine Run up etc

and Remarks

Signature

Certificate No.

NO leaks Service Prog AID 77-12-06

Due 9-91 (Prog overhaul) AD 84.26-02 N/A

Bracket Pits Installed Replaced Element.

DATE 9-17-90 WO# 15282

I CERTIFY THAT THIS Engine
S/N 1-5589-67 HAS BEEN INSPECTED
IN ACCORDANCE WITH A 100 H/Annual
INSPECTION & WAS FOUND TO BE IN AIRWORTHY
CONDITION THIS DATE FOR:
FT. WORTH SPINNS AVIATION SERVICES, INC.

INSPECTOR [Signature]
NUMBER SP01246721614

ance
TS:
3-75/180
6-68/180

Head

(Control)

Head

12pts

Belem

15m

f


D

2 d/c

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3-5-91	Tach, 1255.81			Drained oil, replaced filter and refilled with 12 gts, Amsoil 15W-50, Run eng. and checked for leaks, OK. Service APP 462276319
7/19/91	Tach 1307.35			Drained oil, Sunkoiled New Oil Filter CH48/103, serviced with 12 gts Amsoil 15W-50. No leaks found Matt Jordan APP461435361 ← End →
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
(cont)	Brought Forward →	1323.6		
Checked Primary Sump, Installed New CH4103 Filter Cleaned Turbopumps Serviced Engine with New Shell 15750. Lubed Waste Gate w/ Morse Milk. Installed New Idler Belt.				
I certify that this engine has been inspected 1/14/40 A 100H and found to be in accordance with				
March 22 1373			[Signature]	
Serviced w/ 15750 Shell			[Signature]	
Total To Carry Forward			[Signature]	

and Remarks	Signature	Certificate No.
<p>8-28-92 TAC 1414.8 Removed #3 Cylinders Repaired + Re-installed (see TAG) After Sooty Chrome W/D #23672 Removed Sooty Injector System for overhaul See TAG Re-installed for h/e of Manual Choking SB 342A Replaced worn Clamps + Charcoal drives w/new Parts Replaced AIT + A/E expessor Belt Dims 811 Replaced Getters Seircas Shell 15750</p>	<p><i>[Signature]</i></p>	<p>APWZ167316</p>

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9-14-92	Brought Forward →	Total	1427.0	Prop time total 831.15 hrs
				By SB342A @
				N/A Air's engine
				Checked AD 91-21-01 By Inspection Chang's Applied
				@ B23.6 hrs AD 91-14-22 AD 88-17-10
				Added waste Gate Fixed OK.
				Run up 18 tanks 8141
COMPRESSION TEST RESULTS:				
				#1-72/80, #2-70/80, #3-72/80
				#4-68/80, #5-76/80, #6-79/80
Total To Carry Forward				

DATE 9-14-92 WO# 15031
 I CERTIFY THAT THIS EW HAS BEEN INSPECTED
 IN ACCORDANCE WITH A 558961A
 INSPECTION & WAS FOUND TO BE IN AIRWORTHY
 CONDITION THIS DATE FOR:
 FT. WORTH SPINKS AVIATION SERVICES, INC.
 (817) 568-0022
 INSPECTOR [Signature]
 NUMBER 44246312 JA

and Remarks	Signature	Certificate No.
<p>12/9/92 Lt. 1449.36 removed Bixler's Mag. Replaced w/ Wally O.H. Unit P/W 10-682560-13 S/W K1292186R Tired unit to Eng. @ 20°. performed comp. Ck. #1 94/80 #2 70/80 #3 72/80 #4 70/80 #5 70/80 #6 70/80. Also replaced Attendant Belt w/ new Belt. Jimmy's Mag. Check ok Next Order AP 461435361K-E17 1953 lbs RAR Fuel Pump for dlt RAR Same for Plo-c leak see TASS, ADJSTED, Run up Good.</p>	<p>EDWILLAG0024173N</p>	

and Remarks

Signature

Certificate No.

SEPT 14, 1993: ANNUAL INSPECTION, ENGINE WARMED,
 OIL DRAINED. NEW OIL & OIL FILTER INSTALLED.
 COMPRESSION TESTED #1(70) #2(72) #3(72) #4(70) #5(72) #6(70)
 PLUGS CLEANED & SHIPPED. MAGNETO TIMING SET TO SPEC,
 EXHAUST SYSTEM CHECKED OK. TURBOCHARGER CHECKED
 OK, FUEL LINES CHECKED OK. ENGINE & PROP CONTROLS
 CHECKED OK.

I certify that this LYL T10-540-514B No. 0000
 has been inspected in accordance with AN ANNUAL
 inspection and has been found to be in an "OK" condition.

Date 9-14-93

Total Time 1528.4

Each Time 1528.4

George
 State of Ill

A. P. 1001 1A
 Clearing, Texas

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
Aug 12 1994:				DIR DRAINED. ADDED NEW OIL
				FILTER AND 12 QTS ASISW 50. WASHED
				ENGINE & COWLS
				Shaw APR 21 1969
Total To Carry Forward				

and Remarks

Signature

Certificate No.

DEC, 16, 1994: ANNUAL INSPECTION. COMPRESSION TESTED #1(72) #4(70) #3(75) #4(72) #5(70) #6(74)/80 PSI ENGINE OIL DRAINED. NEW OIL FILTER AND 12 QTS ASSIMUSD ADDED.

I certify that this LYC. TID-500-S1AD has been inspected in accordance with ANNUAL inspection and has been found to be in an airworthy condition.

DATE Dec. 16, 1994
 Total Time 16/2.8
 Cash Time 16/2.8

[Signature]
 Sam Ball
 A & P 2141061 M
 Osburn, Texas

and Remarks

Signature

Certificate No.

DEC. 21, 1995. ANNUAL INSPECTION COMPLETED THIS DATE.
 ENGINE WARMED. OIL DRAINED. NEW OIL FILTER
 AND 12 QTS ASCOARD INSTALLED. COMPRESSION TESTED
 #1 (74) #2 (71) #3 (79) #4 (73) #5 (70) #6 (74) / 80 PSI. SPARK PLUGS
 CLEANED & GAPPED. MAGNETO TIMING CHECKED OK. FUEL
 INJECTOR NOZZLES CLEANED & REINSTALLED. NEW ROCKER
 BOX GASKETS INSTALLED ON ALL 6 CYLINDERS. NEW INTAKE
 GASKET INSTALLED ON #3 CYLINDER. ENGINE TEST RUN OK.

I certify that this LYC. TIO-540-SIAD has been
 inspected in accordance with AN ANNUAL
 inspection and has been found to be in an airworthy condition.

Date 12-21-95
 Total Time 1689.0
 Each Time 1689.0


 Bill
 A & P 2141061 19
 Cleburne, Texas

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3-21-96	Brought Forward →	1719.2	1719.2	ENGINE WARMED, OIL
				DRAWNED. NEW OIL FILTER AND 128TS AS100W INSTALLED.
				RESECURED MANTLE HEAT SHIELD. ENGINE AND
				COOLS WASHED. TACH = 1719.2 <i>Spac 1719.2/61</i>
Total To Carry Forward				

HORTON AERO SERVICE, INC LUBBOCK INT'L AIRPORT LUBBOCK, TEXAS

DATE: 7-12-96 TACH: 1738.25 FILLED UNDER W.O. #

TSN 1738.25 "0" SMOH

ENGINE REMOVED FROM AIRFRAME & DISASSEMBLED FOR MAJOR OVERHAUL. ALL PARTS CLEANED, VISUAL & DIMENSIONALLY CHECKED, FERROUS PARTS WERE MAGNETIZED & NON-FERROUS PARTS WERE DYE CHECKED. CRANKCASE RECONDITIONED BY DIVCO (SEE TAG), CONNECTING RODS RECONDITIONED BY AIRCRAFT SPECIALTIES SERV., (SEE TAG). SERVICEABLE C/S GEAR FROM AIRCRAFT SPEC. INSTALLED PER S.B. 475 B (SEE TAG). FOLLOWING NEW PARTS INSTALLED AT ASSEMBLY:
SIX EACH FACTORY NEW CYLINDER ASSEMBLIES P/N 05K211080KP, CAM SHAFT, CAM FOLLOWERS, ROD BOLTS & NUTS, C/S GEAR BOLTS, COUNTER WT. PINS, PLATES & SNAP RINGS, ROCKER ARM BUSHINGS, ROCKER SHAFTS, C/S GEAR DOWEL, MAIN & ROD BEARING, TACH SHAFT GOV. IDLER GEAR SET SCREW, OIL PRESSURE RELIEF VALVE SPRINGS, SCAVENGE PUMP WOODRUFF KEY, OIL PUMP DRIVE & DRIVEN IMPELLER, PISTON SQUIRT NOZZLES & OVERHAUL GASKET SET.
PRESSURE RELIEF VALVE & TURBO CHARGER OVERHAULED BY MARTIN INDUCTION SYSTEMS INC. (SEE TAG). FUEL SERVO BENCHED AND FLOW ADJUSTED, FUEL PUMP RESEALED AND FLOW CHECKED, (SEE COV. RESEALED & FLOW CHECKED. ALTERNATOR REPAIRED AS FOLLOWS: POLISHED SLIP RINGS, REPLACED DE & SRE BEARINGS, NEW BRUSHES AND BENCH CHECKED, C/W A.D. 91-14-22 PER S.B. 475B CRANKSHAFT GEAR MOD. S.I. 1012F COUNTER WT. ASSEMBLY, S.I. 518C NEW OIL COOLER BY PASS VALVE. ALL WORK DONE PER LYCOMING OVERHAUL MANUAL, LYCOMING SERVICEABLE TABLE OF LIMITS & ALL APPLICABLE SERVICE BULLETINS & SERVICE INSTRUCTIONS. ENGINE INSTALLED IN AIRFRAME AND GROUND RAN FOR ADJUSTMENTS AND TEST FLOWN.

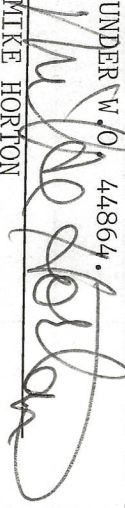
DAVID WHEELER AB2R684K
HORTON AERO SERVICE INC.

DATE: 9-5-96 TACH: _____ FILLED UNDER W.O. # 44943, 44864
9596 Total Time to Date: 1738.95

Verify that this aircraft has been inspected in ac- A. D. NOTES HAVE
ce with a 100% inspection and BEEN CHECKED AND
determined to be in airworthy condition.

FAA REPAIR STATION NO. AB2R684K
HORTON AERO SERVICES INC
915 E. KENT ROAD LUBBOCK TX 79402

ADJUSTED POINT GAPS AND SET INTERNAL TIMING, C/W A.D. 92-21-02 ON
EXHAUST CROSS OVER AND RELATED PARTS, REPAIRED HEAT SHIELDS, INSTALLED
REPAIRED WASTE GATE, REPAIRED TURBO, POLISHED TAIL PIPE, INSTALLED NEW
TEFLON HOSES TO C/W A.D. 95-26-13 AND OIL COOLER. DETAILS ON FILE
UNDER W.O. 44864.


MIKE HORTON

AB2R684K
HORTON AERO SERV. INC.

HORTON AERO SERVICE, INC LUBBOCK INT'L AIRPORT LUBBOCK, TEXAS

DATE: 9-20-96 TACH: 1748.1 FILLED UNDER W.O. #

CHANGED OIL AND OIL FILTER, ADDED 10 QTS. OF A/S 50 MINERAL OIL.
WASHED AND RAN, LEAK CHECKED GOOD. TOOK OIL SAMPLE 9 HRS SINCE
MAJOR OVERHAUL.

Monty Conn

MONTY CONN
HORTON AERO SERV. INC.
AB2R684K

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	Brought Forward	Since Major		
12-27-96	→	36.75	1775.0	chg oil add qts A/S 100 fow and
3-28-97			1787.1	change oil + add battery
				added 10 qts A/S 50
				took oil sample wash
				Replaced air conditoner
				& alternator belt, +
				alternator pulley
				air conditoner filter, pulley
Total To Carry Forward		back +	app ✓	good Mounting A/S

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
		Date <u>10/8/57</u>	Total Time to Date <u>1819.6</u>	
<p>A. D. NOTES HAVE BEEN CHECKED AND</p> <p>ordance with a <u>100%</u> inspection and was determined to be in airworthy condition ²⁴</p> <p style="text-align: right;"><i>[Signature]</i></p> <p style="text-align: right;">FAA REGISTRATION NO. <u>AB58692K</u> HORIZONTAL AERO SERVICE, INC. 916 E. KENNETT ROAD LUBBOCK TX 79409</p>				
<p><i>See AD. Print out</i></p>				
<p>DIFFERENTIAL PRESSURE CHECK CYLINDERS /80</p>				
	Signal	#1 - <u>75</u>	#2 - <u>75</u>	#3 - <u>77</u>
		#4 - <u>75</u>	#5 - <u>76</u>	#6 - <u>76</u>
		#7 - <u>76</u>	#8 - <u>76</u>	
<p>Reposition Rt bottom plug leads, Adjust mag to engine timing. Free up tube throttle, Install new spark plugs</p> <p>Change oil & filter. Clean fuel nozzles & servo screen</p> <p>Clw AD 9121 vol 2. Must system in position. Clw AD 93-05-29</p>				
Total To				
Carry Forward				<i>Next page</i>

and Remarks	Signature	Certificate No.
Fuel injector line inspection FOUND AD-97-15-17 Piston Pin replacement not applicable per 5.8.527C. wash eng Run on ops check good. Items on file under 45762 & 45762		
12-9-97 1837.43 Replaced	alternator belt	
Ran adjusted Tension	70lb. ops - good	
Horton Aero Services	Marty Osm	
32898	August 18540	

11/25
3-05-99

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Brought Forward →		
6-23-98		129 1867.9	1867.9	<p>CHANGED ENGINE OIL + FILTER</p> <p>TOOK OIL SAMPLE. SERVICED LINT</p> <p>45 LB WT TCH 4803 FILTER-SAFETY.</p> <p>REMOVED PROP EXHAUSTED NEW COMPRESSOR</p> <p>BOLT SET TIGHTEN AT 87 LB. + 40 LB.</p> <p>FORNT, BOLT INSPECTED NEW PROP SMC.</p> <p style="text-align: right;">Horta Agos Geno AB 52654K C. Carlsberg</p>
Total To				
Carry Forward				

HORTON AERO SERVICE, INC LUBBOCK INT'L AIRPORT LUBBOCK, TEXAS

DATE: 11-2-98 TACH: 1890.9 W.O.# 46385 & 46386 N #: 134CH

Date 11-2-98 Total Time to Date 1890.9

ENGINE

"I certify that this ~~XXXXXX~~ has been inspected in accordance with a 100 HOUR inspection and

was determined to be in airworthy condition.

REPLACED AIR CONDITIONER DRIVE SEAL AND PULLEY BEARING, SERVICED
FREON. C/W A.D. 98-18-02 ON ROMEC FUEL PUMP SCREWS TORQUE, CHECKED
GOOD. NEXT INSPECTION 50 HOURS. C/W A.D. 93-05-22 ON FUEL INJECTOR
LINE INSPECTION, C/W A.D. 91-21-01 ON EXHAUST FLANGE CRACK INSP.
REPLACED VACUUM HOSE FROM AUX. PUMP. REPLACED ROD END WASTE GATE
LINKAGE. REPAIRED AIR FILTER HOUSING. OTHER ITEMS LISTED UNDER
WORK ORDER #: 46385 & 46386 LAST ISSUE 98-21. A.D. COMPLIED WITH.
SEE COMPUTER PRINT OUT.

DIFFERENTIAL PRESSURE CHECKED CYLINDERS /80.

#1- 78 #3- 78 #5- 78

#2- 75 #4- 75 #6- 77

Monty Conn
MONTY CONN

AB2R684K

HORTON AERO SERVICE INC.

915 E KENT ROAD

LUBBOCK TX 79403

HA-25

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since-Meter		
11-2-98	Brought Forward →	1890.9 <i>Trach</i>		Changed oil & filter added
		10gt A/S 40		Wash fan & guard
		torlon		New Service AB72681K
				bleed down
1/15/99	1909.2			Installed new vacuum pump
				PM 215cc SN 114P 4324 due to weak
				system section. Run-up tops check good
				Horton Aero Serv AB22654K Din Diesel
Total To Carry Forward				

and Remarks	Signature	Certificate No.
11-27-99 @ 1944.44 Change oil oil filter, New Oil 50cc) Wash engine Run-up, Check for leaks, oil Wash oil filter Wash engine Run-up Check for leaks Oil		
11/14/99 1997.2 Change oil & filter Service with 45 50cc. Wash eng. lube Waste sent Run up & leak check Paul Wick Nelson Dan-Jon: 482-8189		

HORTON AERO SERVICE, INC LUBBOCK INT'L AIRPORT LUBBOCK, TEXAS

DATE: 12-23-99 TACH: 2004.7 W.O.# 47061 & 47062 N #: 134CH

CLEANED, GAPPED AND TESTED PLUGS. REPLACED AIR FILTERS. CLEANED AND INSPECTED FUEL NOZZLES AND SERVO SCREEN. LUBRICATED CONTROL CABLES. ADJUSTED TENSION ON ALTERNATOR BELT. TIGHTENED ROCKER DRAIN AND TUBE HOSE CLAMPS. CHECKED MAG INTERNAL TIMING AND TIMED MAG TO ENGINE. PROFILED PROP AND PAINTED BACK SIDES. C/W A.D. 96-12-07 ON MAG IMPULSE COUPLING INSPECTION. C/W A.D. 91-21-01R1 ON EXHAUST CROSSOVER TUBE ENGAGEMENT INSPECTION. C/W A.D. 93-05-22 ON FUEL INJECTOR LINE INSPECTION. C/W A.D. 98-18-12 FUEL PUMP SCREEN TORQUE AND GASKET INSPECTION. WASHED ENGINE, RAN UP FOR LEAK CHECKS, OPS AND LEAK CHECKED GOOD. ALL OTHER ITEMS ON FILE UNDER WORK ORDER NUMBERS 47061 & 47062. SEE A.D. PRINT OUR FOR COMPLETE LIST, LAST ISSUE 99-25.

DATE 12-23-99 Total Time to Date 2004.7
"I certify that this ENGINE has been inspected in accordance with a 100 HOUR inspection and was determined to be in airworthy condition."

DIFFERENTIAL PRESSURE CHECK CYLINDERS /30			
#1-75	#3-76	#5-76	#7
#2-75	#4-70	#6-78	#8

DAVID WHEELER
AB2R684K
HORTON AERO SERVICE INC.
915 E KENT ROAD, LUBBOCK TX 79403

and Remarks	Signature	Certificate No.
<p>4/5/00 Tail 2046.7 Change oil & filter. Service wire AS 500. Replaced Alternator belt & air cond belt. Replaced tail cable Adjusted Throttle cable & fuel holder see Ser A B 26846 C Dan Lee</p>		
<p>Aug. 18, 2000: ENGINE WARMED. OIL DRAWN. NEW OIL FILTER INSTALLED. 12 QTS AS100W ADDED. ENGINE & COALS WASHED. TACH = 2083, 3 Spau Apparatus</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
DEC. 30, 2000	Brought Forward →	REMOVED	MAGNETO: 21188	RECHECKED:
	AND REPLACED SB	FOUND OK.	REINSTALLED	MAGNETO TO ENGINE
	FOUND OK.	TEST RUN OK.	TACH = 21188	APPROX 1
	COMPLIED WITH AD 96-12-07	BY INSPECTOR	SPAN	APPROX 1
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>DEC. 30, 2000: ANNUAL INSPECTION COMPLETED THIS DATE. ENGINE WARMED. OIL DRAINED. NEW OIL FILTER INSTALLED. 11 QTS AS 80W ADDED PER CUSTOMER'S INSTRUCTIONS. MAGNETO DIFFICULTY REMAINED (SEE PREVIOUS ENTRY THIS DATE). ENGINE REWARMED. COMPRESSION TESTED (#1, (77) #2(76) #3(76) #4(75) #5(77) #6(77) / 80 PSI. COMPLETED WITH AD 91-21-01-R1 AND 93-01-22 BY TUSP. DUE AGAIN @ 2218.8.</p> <p>Inspected in accordance with <u>TJD-540-S1AD</u> has used <u>ANNUAL</u> inspection and has been found to be in an airworthiness condition.</p> <p>Date <u>12-30-2000</u> Total Time <u>2118.8</u> Tech Time <u>2118.8</u></p> <p><i>[Signature]</i> A & P 241061 1/3 Cleburne, Texas</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9/11/01	Brought Forward →			
				OIL FILTER INSTALLED. ADDED 11 QTS AS 100hr.
				TACH = 2196.9 Spare App 2196.1
				JAN 3, 2002: ANNUAL INSPECTION COMPLETED THIS DATE. ENGINE
				WARNED. OIL DRAINED. NEW FILTER INSTALLED. ADDED 11 QTS AS 80 OIL.
				ENGINE REWARNED. COMPRESSOR TESTED #1(76) #2(76) #3(77) #4(74)
				#5(74) #6(78)/80 PSI. SPARKPLUGS CLEANED AND GAPPED. MAGNETO
				TIMING SPARK CHECKED OK. EXHAUST SYSTEM CHECKED PER
				AD 91-21-01 R1 - DUE AGAIN IN 100 HR. CHECKED FUEL LINES PER
				AD 92-12-10 AND 93-05-22 - DUE AGAIN IN 100 HR. SEE NEXT
Total To				
Carry Forward				PAGE FOR SUPPLEMENT →

and Remarks

Signature

Certificate No.

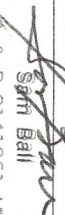
I certify that this LYC T10-540-S1AD has been
inspected in accordance with FA ANNUAL
inspection and has been found to be in an airworthy condition

Date JAN 3, 2000

Total Time 2228.6

Each Time 2228.6


SMAH = 490.3


Sam Ball
A & P 2141061 10
Cleburne, Texas

HORTON AERO SERVICE, INC **LUBBOCK INT'L AIRPORT** **LUBBOCK, TEXAS**

ENGINE
DATE: 9-24-02 TACH: 2284.6 W.O.# 48305 N #: N134CH


INSTALLED RECONDITIONED TURBO TAIL PIPE, CHANGED OIL AND OIL FILTER,
WASHED ENGINE AND RAN UP TO LEAK CHECK, CHECKED GOOD.


DAVID WHEELER - AB2R684K
HORTON AERO SERVICE INC.
LUBBOCK TX 79403

HORTON AERO SERVICE, INC **LUBBOCK INT'L AIRPORT** **LUBBOCK, TEXAS**

AIRFRAME
DATE: 9-24-02 TACH: 2284.6 W.O.# 48305 N #: N134CH

INSTALLED A NEW THROTTLE CABLE AND ADJUSTED TRAVEL.


DAVID WHEELER - AB2R684K
HORTON AERO SERVICE INC.
LUBBOCK TX 79403

and Remarks	Signature	Certificate No.
<p>FEB 4, 2003: ANNUAL INSPECTION COMPLETED THIS DATE. ENGINE WARMED. OIL NOT CHANGED DUE TO RECENT CHANGE. COMPRESSIONS TESTED #1(76) #2(77) #3(78) #4(75) #5(77) #6(77)/80PSI.</p>		
<p>COMPLETED WITH AD 91.21.01.R1 RY INS R DUE AGAIN @ TACT = 24022</p>		
<p>COMPLETED WITH ADs 92.12.10 B 93.05.22 PER ADX-SEE AD FOR NEW</p>		
<p>COMPLIANCE TIMES.</p>	<p>LYC. TIO-540-S1AD</p>	
<p>INSPECTED IN ACCORDANCE WITH INSPECTION AND HAS BEEN FOUND TO</p>	<p>AN ANNUAL</p>	
<p>DATE 02-04-2003</p>	<p>Signature</p>	
<p>TOTAL TIME 2302.2</p>	<p>A & P 2141061 17</p>	
<p>WASH TIME 2302.2</p>	<p>Cleburne, Texas</p>	
<p>MAY 14, 2003: INSTALLED 12 NEW RHB37E S00ARKRUGS. TACT = 2313.7</p>	<p>Signature</p>	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
OCT 30, 2003	Brought Forward →			ENGINE COMPONENTS, OIL DRAINED. NEW OIL FILTER INSTALLED AND 11 QTs ASI000 OIL ADDED. THROTTLE LINKAGE ADJUSTED TO REDUCE IDLE RPM, TACH = 2342.5 <i>Shaul Appavallagi</i>
OCT 30, 2003:				ROMEX FUEL PUMP SCREEN TOREQUETS CHECKED PER LVC. SB # 52913 - FOUND OK. THIS PUMP, P/N RG9080J16A, S/N 09919, HAS BEEN IN SERVICE IN THIS AIRCRAFT SINCE 12-21-92
NOW WITH				920.2 HRS SMOH. ALSO BEEN TOREQUETS CHECKED ON 11-2-98 AND 12-23-99. THIS IS NOT AN "M" PUMP AND MUST BE INSPECTED EVERY 50 HOURS. DUE <i>Shaul Appavallagi</i>
AGAIN @				TACH = 2350.5 2392.9 SB. <i>Shaul Appavallagi</i>
Total To Carry Forward				

and Remarks

Signature

Certificate No.

MARCH 7, 2004: ANNUAL INSPECTION COMPLETED THIS DATE, ENGINE WARMED.

OIL DRAINED. NEW OIL FILTER & HOT GAS BLOWN INSTALLED. ENGINE REWARMED

COMPRESSION TESTED #1 (75) #2 (76) #3 (78) #4 (76) #5 (78) #6 (77) / BOOST. CHECKED,

MAPPED, TESTED AND REINSTALLED PLUGS. MAP TUNING SET TO SPEC.

ADJUSTED FUEL AND EXHAUST SYSTEMS OK. AD 03-11-03 ON LOWEST FUEL PUMP USED

THH = 2192.2. AD 03-11-03 ON LOWEST FUEL PUMP USED

THH = 2192.2. ENGINE TEST RUN WITH ALL ENGINE AND PROP

FUNCTIONS NORMAL.

INSPECTED IN ACCORDANCE WITH AVIATION REGS. 25.101-540-5140
INSPECTION AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION

DATE 03-07-2004 [Signature]
TOTAL TIME 3374.2 [Signature]
CHECK TIME 2374.2
SIMO H = 635.0
A & P 2141061 IN
Gleburne, Texas

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance																																																																																																
	This Date	Since Major																																																																																																		
Dec. 19 '04	Brought Forward →			Engine's external check oil & filter installed																																																																																																
New filter and 10 qt AS 15W40 oil. Put engine & checked for leaks. Total 2440 <i>CPB/BA</i>																																																																																																				
04-01-05		TSUCHI 716.91	2455.16																																																																																																	
ON THIS DATE I PERFORMED A 100 HR GENERAL INSPECTION PER ITRAW SERVICE																																																																																																				
IMPROVED INSTRUCTIONS, CLEANED & ADJUSTED SPARK PLUGS. PREPARED A COMPRESSOR																																																																																																				
TEST #1	#1/76	#2/77	#3/78	#4/78	#5/79	#6/79	#7/79	#8/79	#9/79	#10/79	#11/79	#12/79	#13/79	#14/79	#15/79	#16/79	#17/79	#18/79	#19/79	#20/79	#21/79	#22/79	#23/79	#24/79	#25/79	#26/79	#27/79	#28/79	#29/79	#30/79	#31/79	#32/79	#33/79	#34/79	#35/79	#36/79	#37/79	#38/79	#39/79	#40/79	#41/79	#42/79	#43/79	#44/79	#45/79	#46/79	#47/79	#48/79	#49/79	#50/79	#51/79	#52/79	#53/79	#54/79	#55/79	#56/79	#57/79	#58/79	#59/79	#60/79	#61/79	#62/79	#63/79	#64/79	#65/79	#66/79	#67/79	#68/79	#69/79	#70/79	#71/79	#72/79	#73/79	#74/79	#75/79	#76/79	#77/79	#78/79	#79/79	#80/79	#81/79	#82/79	#83/79	#84/79	#85/79	#86/79	#87/79	#88/79	#89/79	#90/79	#91/79	#92/79	#93/79	#94/79	#95/79	#96/79	#97/79	#98/79	#99/79	#100/79
LAME FOR REPAIR SEE 8/30-3 TAG, REINSTALL TURBO & SUBSTITATE & ALL ASSY																																																																																																				
Gaskets & Functional Test OK. INSTALLED NEW RUBBER HOSE FROM TURBO TO INTERCOOLER.																																																																																																				
Total To Carry Forward				Checked with givings.																																																																																																

and Remarks	Signature	Certificate No.
<p>equipped with an 03-14-03 fuel pump & completed with AD51-21-01 K1 on EXHAUST SYSTEM. RTR011 & FILTER now CORRECTLY INSTALLED ON TURBOCHARGER.</p> <p>ALL NEW HARDWARE INSTALLED ON EXHAUST & TURBO SYSTEM. TIGHTEN ALL NUTS & CLAMPS & LOOSE HARDWARE ON THE ENTIRE ENGINE. REVERSE THRUSTLE CABLE & MIXTURE CABLE & WED CABLES. LUBED PROP & REINSTALLED SPINNER WITH NEW HARDWARE. SET IDLE AT 800 RPM. AD 12-23-99 & 11-2-98 TYS</p> <p>15 NET A W 1" PUMP THIS MUST BE INSPECTED EACH 50 HRS. NO CIRCLES IN EXHAUST SYSTEM, & ANY SCHED. CHECKED WITH TURNING & ENGINE COOLED</p> <p>TEST RUN FOR LEAKS AND RECHECK AT THIS TIME. INSTALLED NEW PROTE IN WASTEGATE. 763-427. GATE TURBO CHARGER WAS O/H 3-22-05.</p> <p>RE 8130-3 TAIL. NEW 01" HOSE TO TURBO. INTERCOOLER HOSE P/N 75330</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
<p>Removed all Reducer box covers. Installed new zinc dielectric PLATE PLATE BA-7. New clamp installed on Terge housing & safety guard. Safety wiring all components. See complete list in log book</p> <p>Checked all fuel lines & fittings. As well as injector lines & injector lines. Lubricated all wearable components. Fuel lines AD 92-12 to AD 93-05-22 die ASH in 100 HRS.</p> <p>AD 91-21-01A Exhaust. TEST Run the logs AT THIS TIME. See the Annual Inspection per F/HR Service Manual instructions complete & return to Service TAG's DATE 04-01-05. APP 461392301 <u>Good Service</u></p>				
04-1-05	TI 245.16 560H 716.91	Returned the Annual Inspection. This DATE. All AD's up to DATE. I certify that this Eng was in spec and F/HR Annual in spec and found to be in All Assembly		
Total To Carry Forward				

Coat

Finance

DATE ISSUED

THIS FOR LOSS

AMOUNT

100 PES.

ONE

TO

10's

ad

Quality

and Remarks

Condition AT this time, End —

Signature

M. M. M. 168332614

Certificate No.

7-14-02

NOTES

AD- 91-21-01

clw By Insp Deton V-Bands Rep/Head

@ 1393.6 hrs Re Insp'd Div @ 1457.05

AD 92-12-10

clw By SB 312A @ 1414.115
Dwell 1414.115 1414.115

AD 92-12-05

N/A Plus Pits
Dwell 1414.115 1414.115

AD 8-17-10

hub'd waste Gate
Insp'd Cable Dwell 1414.115 1414.115