

MIDSTATES AIRCRAFT ENGINES
TULSA, OKLAHOMA

The Standard



ENGINE LOG

LIMITED WARRANTY

TO: J. Ralph Brown

ENGINE: IO-360-A1B6D

SERIAL: L-10167-51A

WORK ORDER: 80166

DATE OF OVERHAUL: _____

AIRCRAFT: C177RG

REGISTRATION: N1845Q

TACH ~~ON HOURS~~ 1605.6

MID-STATES AIRCRAFT ENGINES INC. warrants this engine, including magnetos and fuel system (if supplied), to be free from defects in materials and workmanship furnished by Mid-States for One Hundred (100) hours of Six (6) months, whichever occurs first.

This engine, excluding magnetos and fuel system, is further warranted to be free from defects in materials and workmanship furnished by Mid-States for One Thousand (1,000) hours (800 hours on geared engines) or Thirty-Six (36) months from the date of overhaul, whichever occurs first, on a pro-rated basis on parts only. For the purpose of calculating pro-ration, a minimum of 27.7 hours per month (22.2 hours per month on geared engines) from the date of overhaul will apply. Replacement or repair of engine, component, or parts under this Limited Warranty will not extend the warranty period.

To exercise this Limited Warranty, Mid-States must be promptly notified of the discovery of any defect or failure by call or letter fully describing such defect or failure to:

Mid-States Aircraft Engines Inc.
Hangar 1, Tulsa International Airport
Tulsa, Oklahoma 74115
(918) 835-9551

Attention: Jon Miller, Don Parish or Richard Fowler

All warranty work is to be accomplished in Tulsa, Oklahoma by Mid-States unless approval is granted in writing by Mid-States for work to be accomplished elsewhere or by anyone else, prior to commencement of such work. Mid-States Aircraft Engines Inc. reserves the right to furnish any or all parts thereof.

Mid-States Aircraft Engines Inc. is not responsible for any consequential loss associated with any failure or defect under this Limited Warranty and no allowance will be made for down time, loss of use, hotel, transportation fare or any other incidental expense directly or indirectly associated with such defect or failure.

This Limited Warranty is expressly in lieu of all other warranties and representations, expressed or implied. The work to which this Limited Warranty applies is deemed to have been accomplished in Tulsa, Oklahoma and in the event of a dispute on this Limited Warranty, the laws of the State of Oklahoma shall apply.

This Limited Warranty gives you specific rights and may be transferred only by express permission in writing by Mid-States Aircraft Engines Inc.

Richard B. Fowler

MID-STATES AIRCRAFT ENGINES INC.

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER LYCOMING MODEL IO-360-A1B6D

SERIAL L-10167-51A

TYPE CERTIFICATE _____

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT N1945Q 177RG S/N 0345

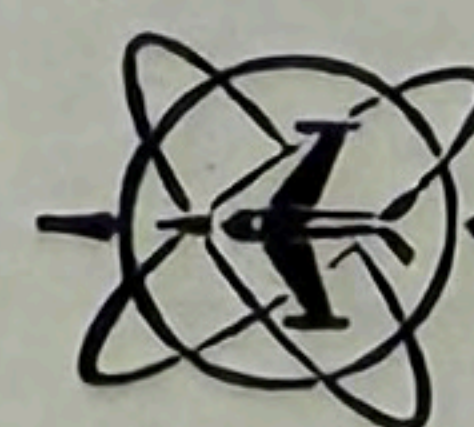
MINIMUM OCTANE FUEL _____ OIL GRADE SUMMER _____ WINTER _____

MAGNETO TIME _____ POINT SETTING _____ FIRING ORDER _____

SPARK PLUG GAP _____

MFG. RECOMMENDED OVERHAUL AT _____ HOURS.

The Standard



ENGINE LOG

BOOK #2
6/5/1980

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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June 5, 1980

LYC: IC-360-A1B6D

W/O: 80166

S/N: L-10167-51A

Engine major overhauled in accordance with Lycoming Overhaul Manual 60294-7. Crankcase repaired by Divco, Inc. FAA Repair Station No. 212-51. Steel parts magnafluxed. Installed chrome cylinders. Fuel system overhauled by Tulsa Accessories. Magnetos, Starter and Alternator overhauled. Installed new LW10207 pistons, 72877 camfollowers, 78290 lifters, 65819 connecting rod bushings, 72801 counterweights, 73810 crankshaft bushings, exhaust valves, 73117 intake valves, 41234 fuel pump, A.D. 73-23-01 c/w by Magnaflux inspection of piston pins 75-08-09 c/w in accordance with service bulletin 385C. All new bearings, rings, gaskets and seals. Installed new spark plugs, harness and engine lord mounts.

TOTAL TIME: 1605.6

TIME SCMOH: 0.0

MECH: *Richard L. Mueller Jr.*
A&P : 80543540

ENGINE TEST RUN 1.1 HRS.

DATE

19__

6-9-80

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NUMBER OF
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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-9-80	^{Tach} 1605.6			Installed overhauled Engine in 177 RG S/N 0345 A/C # N1945Q, Appliance S/N's, Bendix manifold S/N 19E, Bendix Fuel Injector S/N 38849, McCauley Governor S/N 730222, Bendix Magneto S/N 714099, Ford Alternator 60A, Starter Prestolite S/N 57836, Airborne Dry Air Pump S/N 9C-843, Installed McCauley Propeller, Hub Design B2034C207 S/N, serviced Engine 8,75 Aeroshell Mineral 100W, installed new ALT belt, replaced heat shroud on R/muffler & crossover pipe, replaced all Exh Gaskets, replaced oil cooler hoses, all fuel hoses, oil press, & fuel press hoses, washed Engine Cowl runup, check for leaks, found none. Installed new EGT probe, installed new Exh crossover pipe, installed new plenum chamber, replaced air filter, replaced scat hose between plenum & air filter box, C/W SE80-6 muffler brace Improvement, C/W SE79-6 castle nuts on Eng Controls A.D. 79-18-06 C/W by sending msg to Bendix for repairs S/N 714099, (cont. Next Page)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
(Cont)	69-80	1605.6		All maint releases in back of log book
				I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>100HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CON- DITION. TACH TIME: <u>1605.6</u> DATE: <u>6-9-80</u> TOTAL TIME: <u>1605.6</u> W.O.# <u>6484</u> BY: <u>Beggs Lee Shon</u> AIP <u>511605166</u> AIRCRAFT SERVICES, INC. SALINA, KS.
8-1-80	Tech.	1623.3		Changed oil & Filter - inspected filter for metal, found none, serviced with 8 pts Aeroshell 50 mineral, adjust Alternator belt, Comp ck #126/80, #372/80, #472/80 #275/80 Chris Davis AIP 1986470
8-12-80	Tach	1627.7		Reset internal Timing of Mag Timed Mag to Eng. cleaned injectors and lower plugs. Ernest A. Curwell AIP 2233113

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	8-21-81		1702.5	Per Lycoming's Service Bulletin 455A Replacement of oil pump impellers
				Pertinent details of the repair are on file at this agency under
				WORK ORDER NO. 10675
				DATED 7-23-81
				SIGNED <u>Ronald D. Warren</u> For SNYDER AIRCRAFT, INC. AIRFRAME DIVISION FAA Certificate No. D03-60
	12-1-81		Tach 1730.5	changed oil & filter, washed down & run-up Phillips 20-50
				Pertinent details of the repair are on file at this agency under
				WORK ORDER NO. 10783
				DATED 12-1-81
				SIGNED <u>Ronald D. Warren</u> For SNYDER AIRCRAFT, INC. AIRFRAME DIVISION FAA Certificate No. D03-60

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-28-82	Tach	1744		Replaced fuel injection airbox, set landing gear warning horn. Tacted aircraft, run retraction to verify horn. Pertinent details of the repair are on file at this agency under WORK ORDER NO. 10827 DATED 2-8-82 SIGNED <i>Ronald D. Warren</i> For SNYDER AIRCRAFT, INC. AIRFRAME DIVISION FAA Certificate No. D03-60
5-11-82	Tach	1258.5		Changed oil & filter, washed down run-off Phillips 20-50 Pertinent details of the repair are on file at this agency under WORK ORDER NO. 10899 DATED 5-11-82 SIGNED <i>Ronald D. Warren</i> For SNYDER AIRCRAFT, INC. AIRFRAME DIVISION FAA Certificate No. D03-60

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	5-23-83		Tach 1779.3	Changed oil & filter, washed down & run-up. Phillips X/r
				Pertinent details of the repair are on file at this agency under
			WORK ORDER NO. 11126	
			DATED 5-23-83	
			SIGNED <i>Ronald Warren</i>	
			FOR SNYDER AIRCRAFT, INC.	
			AIRFRAME DIVISION	
			FAA Certificate No. D03-60	
	7-26-83		Tach Time 1781.5	Total Time 1781.5 SMOH 175.5 Comp. Check #1 100% #2 75% #3 60% #4 75%. Pressure checked Exhaust, cleaned & capped plugs, Retitoned #4 Exhaust Push rod tube, Checked A D S & S R's 7 Maple Hanking 521801332
				7-26-83 Total Time 1781.5 Tach Time 175.58 SMOH
				certify that this Aircraft Engine has been inspected in accordance with a 100% inspection and was determined to be in airworthy condition.
				Signed <i>Chad W. East</i> Cert. No. 171373244

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19__				
Sept 20, 1984	tach 1820.3			total time since Overhaul 214.7
Inspected this engine according to Cessna's Service Manual				
Compression #1 76/80 #2 78/80 #3 66/80 #4 70/80				
Drained Oil and removed Oil filter Checked Oil inlet				
Screen Serviced engine with 8qt Phillips VE Installed new				
Oil filter CF0-100 - Cleaned and Gapped and rotated all spark plugs				
Drained Fuel System and Checked all fuel screens. Removed				
Mag Checked Impulse Coupling Per AD 78-09-07 + 5/B 599A				
this AD due again in 500 hrs - Reinstalled mag and timed				
to Engine - Cleaned Fuel injectors - Checked all Fuel lines				
Removed Inspected and Flushed Oil Cooler - Checked Engine				
air filter - Checked all Engine Baffles - Inspected all Cyls				
for Gasket leakage, fin condition - Inspected Exhaust system				
gaskets and condition of Heat muff, pressure Checked muffler				
Checked Condition of Cabin Heat system - Replaced Aero duct				
inlet hose. Checked Engine Mounts, Cowling mounts + Cowling				
Checked all electrical wiring and electrical Components				
Inspected Vacuum pump & Vacuum system - SEE NEXT PAGE				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Sept 20, 1984	tach time 1820.8			Engine Run up ok Washed down Engine - Checked and lubbed all engine Controls 5/B 301B due in 185.3 hrs at tach time 2005.6 Lya Valve Inspection - Lya 5/B 388A Valve Inspection due at Engine Midpoint Time. I Certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition ATP484546784 IA Boyd Roland
Sept 6, 1985	tach 1873.0			Changed Oil & Oil filter CFO-100 Serviced engine with 8 qt Shellix X-C - Washed down engine ATP484546784 Boyd Roland

DATE 19__	RECORDING TACH TIME	
Mar 5, 1985		inspected
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		and gaps
		door -
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		pressure
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		engine
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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Nov 5, 1985	tach 1886.5			Time Since Overhaul 280.9
				inspected this engine according to Cessna
				Service manual - Removed no: 1, 3, 4 cyls because
				of low compression - honed cyls & replaced rings
				reinstalled cyls with new gaskets. Checked all injectors
				& cleaned - checked mag to engine timing - cleaned
				and gapped all spark plugs - repaired alternate air
				door - Checked all lines & hoses - Washed engine
				adjusted gear warning horn switch on fuel system -
				pressure checked mufflers - inspected heat muff
				for cabin heat - Checked all fuel screens - run
				engine Compression #1 72/80 #2 74/80 #3 74/80 #4 72/80
				I Certify that this engine has been inspected
				in accordance with a 100 hr inspection and was
				determined to be in Airworthy Condition
				U+P484546284 Boyel Roland

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-19-87	2010		2010	TSMOH 404 Changed oil & Filter. Phillips &c. Compression #1 $\frac{70}{80}$ #2 $\frac{76}{80}$ #3 $\frac{76}{80}$ #4 $\frac{66}{80}$ Timing O.K. Checked exhaust system, Engine controls, cleaned & gaped plugs. Checked AD's good to this date. I certify that this engine has been in- spected I/A/W a 100 hr. inspection and was found to be airworthy. Edna Entel 476483590 A&P
3-10-88	2112			CHANGED SPARK PLUGS INSTALLED RHM-386 REPLACED RIGHT LANDING LIGHT Jimmy P. Knutson 473526000 A&P

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/7/58			2066.7	TSMOH 460.7 HR ADJUSTED FOLR SPRNG + MIXTURE CHANGED FILTER + OIL TO SHELL 100 W INSTALLED MAG DRIVE GASKET Chilton API 301935 TA
10-27-88		Tach.	2155.0	TSMOH 549.0 Changed Oil + Filter Inspected Filter for Metal None Noted; Serviced with 15W50 Aeroshell, cleaned Gapped + Rotated spark plugs Performed Compression Check Results As Follows #1 ⁶⁸ / ₈₀ #2 ⁶⁹ / ₈₀ #3 ⁷⁹ / ₈₀ #4 ⁷⁸ / ₈₀ Replaced Brackett Air Filter Element Complied With AD 78-09-07R3 as per Bendix SB 599B checked good. For Complete AD list See Back of Aircraft log. I certify That This Engine Has Been Inspected In Accordance With An Annual Inspection and was Determined To Be In Airworthy Condition. Morgan R. L. Troth AP 501744120 TA

DATE 19__	RECORDING TACH TIME
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July 13,	
11-6-89	

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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6-2-89 TACH-2367 CHANGED OIL & FILTER C.F. 100 8qt Shell
100. RAN UP LEAK CHECKED - OK END - London AIP 472509324

July 13, 1989 Tach 2375.2 hrs. Removed #4 cylinder, Replaced
Piston & Rings. Installed #4 cylinder Back on
engine. Dan M. Balden FA/693808
(For Balden Aviation Spec. S. Inc, Ref. W.O. 6049)

11-6-89 Tach 2399.6 TSMOH 793.6 Changed oil and Filter Serviced
with Aeroshell 15W50, Cleaned, gapped, and
rotated spark plugs. Performed compression
check #1 68/80 #2 76/80 #3 78/80 #4 76/80 Removed
and replaced crankshaft seal. Retorqued bolts
on case half back bone Cleaned fuel screens. Cleaned
air filter. I certify that this engine has been inspected
I.A.W. an ^{100 HR.} inspection and is in Airworthy
condition Cam M. M. AIP 472742467

Complied with McCauley Service Letter
#1978-3 + #1986-4

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTION ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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BOLDUC AVIATION SPECIALIZED SERVICES, INC.

Anoka County Airport • 2289 County Road J • Minneapolis, MN 55434
FAA Approved Repair Station KM5R993M

Date 07/31/90 Tach 2427 hrs. W.O. 6676

Removed engine for major overhaul. Disassembled, cleaned and inspected all parts. Magnafluxed steel parts and zygloed nonferrous parts. Balanced engine. Installed reground camshaft. See attached sheet for additional parts replaced. Assembled engine per overhaul manual. Engine run-up checked OK.

C/W A.D. 81-18-04 R2 oil pump gear O.K. + A.D.

90-4-6 Governor oil line / Bendix impulse
Installed New Vacuum pump / Coupling AD 18-09-01
SPN L-10167-51A R3 complied with
DIE 2927 O.H.S.

This major overhaul was approved and returned to service by DARRELL E. BOLDUC - IA 1693878

[Signature]

For BOLDUC AVIATION SPECIALIZED SERVICES, INC.

7-31-90 Tach 2427 hrs

Reinstalled propeller after overhaul
by Maxwell Aircraft from [unclear] AD 1736246

(For Bolduc Aviation spec serv.)

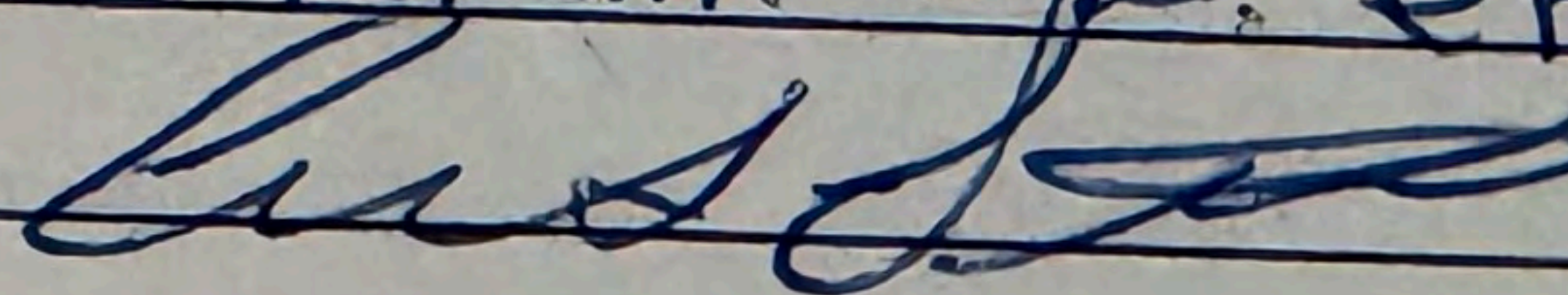
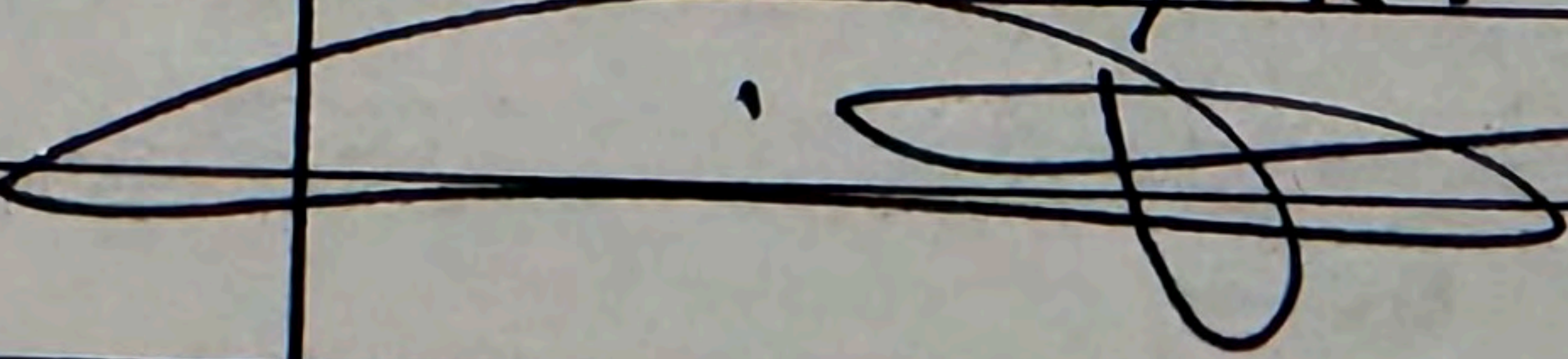
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12-4-90	Tach. 2469	# 2469	5 MOH 42 hrs	Compression: #1 78/80 #2 79/80 #3 78/80 #4 76/80 Installed new EAT probe, tightened alternator belt, removed injector inlet dust, welded brace & replaced AD 78-09-07 A3 Bending impulse chr - due at 2927 H. entry that the engine has been inspected in accordance with a 100 hour/ inspection and was found to be in an airworthy condition. John A. Miller #18787377A.
1-29-91	Tach 2485.2	5 MOH 74.4	change oil & filter. Inspected oil filter OK. Add 8qt 15W50 Aero Shell. end	Busch AP483866019

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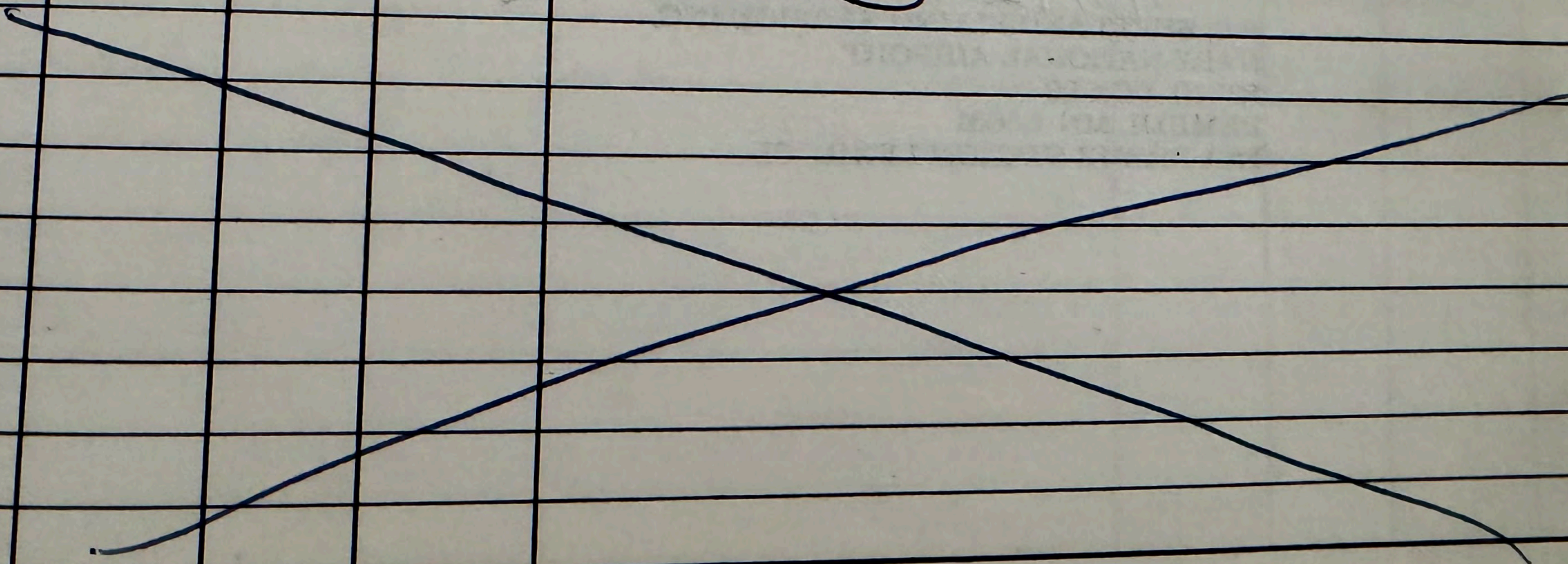
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, ADDRESS AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1991		TACH		
4-19-91		2561.5		REMOVED STARTER & REMOVED & REPLACED STARTER DRIVE WITH ELECTROSYSTEMS PART # ESE BB75A SERIAL # 9112. RE-INSTALLED STARTER & OPERATIONALLY CHECKED SYSTEM. OK. END  AP483866019
				CHANGE OIL & FILTER INSPECTED OIL & FILTER. ADD 7QT 15W50 AEROSHELL  335504971CFII
7-18-91		TACH 2610.1		TSMOH 199.3 CHANGE OIL & FILTER INSPECTED OIL FILTER; OK. ADD 7QT 15W50 AEROSHELL  335504971CFII

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DATE 19 <u>92</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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23 APR 92	2688.1	TACH	2688.1	TTSN REMOVED ENGINE DRIVEN FUEL PUMP REMOVED AND REPLACED WITH NEW LYCOMING FUEL PUMP PART # LW-15473. OPERATIONALLY CHECKED. NO DEFECTS <i>[Signature]</i> AP483866019

23 APR 92	2688.1		2688.1	TTSN CHANGED ENGINE OIL; FILTER, ADDED 32 HRS SINCE OIL CHG. 7QT 15W50 SHELL OIL. OPS CHECK SATISFACTORY.
2688.1	TTSN	261.1	SMOH	<i>[Signature]</i> 335504971 CFII



Letter
for

I certify that this aircraft/engine has been inspected in accordance with a 100 hour/annual inspection and was found to be in airworthy condition.

AP4886609

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/3/93	3068.5		641.55smoh	COMP 100 HR, NSP FORM DRAINED OIL REPLACED FILTER FILLED w/8qt Shell 15-50 CHECKED COMP. ① 76 ② 26 ③ 76 ④ 78/80 REPLACED DIP STICK TUBE BASKET REPAIRED R/BAPPLC CLEANED & GAPPED PLUGS TESTED LEADS RUN UP OPP CHECKED OK
				DATE 12/3/93 TIME 641.5.5smoh I CERTIFY THAT THIS (AIRCRAFT OR <u>ENGINE</u>) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (<u>ANNUAL</u> OR 100 HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION SIGNED <u>Lomata</u> A & P 472509324 EA
3-10-94	TACH. 3081.4			DRAINED OIL CHANGED FILTER CF0100 FILLED w/8qt Shell 15-50 RUN UP OK <u>Lomata</u> A & P 472509324

DATE 19__
7-19-9

78/80

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DATE 19 <u>92</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
24 Oct	TTSN	2840.1		CW AD 78-9-7-R3 Impulse couplers inspection Install four new plugs + New points in mag end <i>[Signature]</i> AP483866019.
19 Nov 92	TTSN	2849.0		checked mag timing OK. Pressure tested exhaust muffler. Cleaned + gapped spark plugs. Installed new Air F.ltr. AD 78-9-7 R3 Due 2940.1 checked Fuel System. Inspected engine mount checked engine Controls. Comp test 1 ⁷⁹ / ₈₀ 2 ⁷⁸ / ₈₀ 3 ⁷⁹ / ₈₀ 4 ⁷⁹ / ₈₀ . end I certify that this aircraft/engine has been inspected in accordance with a 100 hour/annual inspection and was found to be in airworthy condition. <i>[Signature]</i> AP483866019 I certify that this aircraft/engine has been inspected in accordance with a 100 hour/annual inspection and was found to be in airworthy condition. <i>[Signature]</i> AP4718722 IA.

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11 May 53

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CW AD 78-9-7R3 Impulse Coupling Inspection.
Installed new style Impulse couple PN
10-400323. Change o.i. Add 8 gts 15w50
Acrosheil. AD 78-9-7R3 Next Due 3439.9.
The new style impulse is now a 500hr AD end
 AP485866019

8-17-94 TACK

8221.9

DRAINED OIL CHANGED FILTER C/F0100 SERVICE
W/2 PT SHELL IS 50 OIL REVERSE BRACKET FILTER
ELEMENT O/P OK ALL LAMP P/P 472509324

10-6-94

TACH 3248.2

DRAIN OIL CHANGED FILTER @ F0100
SERVICED W/ 80 SHELL 15-50 RUN UP OK
LONGVIEW #EP472509324

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-19-95	TACH		3304.7	Changed oil and Oil Filter w/15/50 oil and CH48103 oil filter. c/w SB518B by inspection of Vernatherm. Remove Removed & Reinstalled prop governor for repairs. Test run eng. OK Michael K. Jones AEP 476682233
5-19-95			3319.0	DRAINED OIL CHANGED FILTER CH48103 SERVICED w/ 7qt SHELL 15-50 OIL Run up OPPK OK Tomlinson AEP 472509324
7-1-95			3336.7	DRAINED OIL CHANGED FILTER CH48103 SERVICED w/ 7qt SHELL 15-50 OPP CK OK Tomlinson AEP 472509324
8-5-95			3362.5	DRAINED OIL CHANGED FILTER CH48103 SERVICED w/ 7qt SHELL 15-50 OPP CK OK Tomlinson AEP 472509324

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-9-95	3377.4			DRAINED OIL CHANGED FILTER ^{CH48103} SERVICED W/ 7qt Shell 15-50 OPP CK OK <i>Tom R. A & P 472509324</i>
12-16-95	TACH. 3406.6 SMOH 979.6			DRAINED OIL CHANGED FILTER CH48103 7qt Shell 15-50 CK COMPRESSION 72 ② 74 ③ 74 ④ 70/80 INSTALLED DE STANDBY VAC SYS. See 337 Filed RUNUP OPP CK OK- DATE <u>12-16-95</u> TIME <u>SMOH 979.6</u> I CERTIFY THAT THIS (AIRCRAFT OR ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (ANNUAL OR 100 HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION SIGNED <i>Tom R.</i> A & P <u>472509324 IA</u>

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Removed fuel control servo, lines, & flow divider due to leaking. Overhauled by Aircraft Fuel Specialists. W.O. #6913. Reinstalled, adjusted, & tested as per maint. manual instructions. Reset gear warning horn microswitch to sound @ approx 11" MAP. James R. Dobbin
A.P. 477-68-0589 James R. Dobbin

8/15

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-11-98	286.2			DRAINED OIL CHANGED FILTER CH48103 SERVED w/7qt 8 HELL 15 50 TAMM A & P 472509324

3/11/99

MAINTENANCE RELEASE

TYPE OF UNIT Propeller SERIAL No. 731150

MANUFACTURER McCawley

MODEL B2 D34 C207/G-78 TCA-0

The component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this agency under

WORK ORDER No. 102228 DATE 11-6-98

SIGNED Conrad E. Maxwell FOR

MAXWELL AIRCRAFT SERVICE, INC.

CRYSTAL AIRPORT • MINNEAPOLIS, MINN. 55429

FAA Approved Repair Station No. UF2R211L

A & P 472509324 TAM

7-26-99

3897.7

DRAINED OIL @ 140600 FILTER
CH48103 SERVED w/7qt 8 HELL 15-50
TAMM A & P 472509324

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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7-11-88 286.2

DRAINED OIL @ 14000 Filter
CH48103 SERVICED w/7qt Shell 15 50
TAMM A & P 472509324

3/11/99

Blade Ser. Nos. K26465 + FJ162

Overhauled Propeller in accordance with McCauley
Manual 780630.

Complied with McCauley Bulletins #172B, #192A + #227A.

Complied with McCauley Service Letters #1979-5,
#1986-4, #1989-2B, #1991-2, #1993-5 + #1994-19A.

A & P 472509324

7-26-89

3897.7

DRAINED OIL @ 14000 Filter
CH48103 SERVICED w/7qt Shell 15-50
TAMM A & P 472509324

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-11-99	286.2			DRAINED OIL CHANGED FILTER CH48103 SERVICED W/7qt SHELL 15 50 TAMM A & P 472509324
3/11/99	TACH 3812.5 SMOA 1439.6			DRAINED OIL CHANGED FILTER SERVICED W/7qt SHELL 15-50 CHECKED COMP. ① 74 ② 74 ③ 76/④ 70 CLEANED GAPPED PLUGS REPAIRED #2 OIL DRAIN TUBE TIGHTENED VALVE COVER BOLTS DATE 3-11-99 TIME 3812.5 I CERTIFY THAT THIS (AIRCRAFT OR ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (ANNUAL OR 100 HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION SIGNED <u>TAMM</u> A & P <u>472509324</u>
7-26-99	3897.7			DRAINED OIL CHANGED FILTER CH48103 SERVICED W/7qt SHELL 15-50 TAMM A & P 472509324

DATE 19__	RECORDING TACH TIME
8-21-99	
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DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-12	2000	TACH	4021.0	SMOH 1649.1 DRAINED OIL CHANGED FILTER CH8103 SERVED W/70T Shell 15-50 CWT FILTER NO METAL FOUND REPLACED INDUCTION FILTER CK COMP. ①70②68③72④68/80 CLEARED PLUGS & GAPPED SERVED PROP REPAIRED MUFFLER HEATER SPREAD CK TIMING LUBED CONTROLS RUN UP OPP CK OK - SERVED LDG GEAR RETRACTION TEST OK CK CABLES PULLEYS CONTROLS & LUBED CK LITES OK C/PD FAR 91-2010 E.T. TEST RUN UP OPP CK OK DATE 2-12-00 TIME 1649.1 SMOH I CERTIFY THAT THIS (AIRCRAFT OR ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (ANNUAL OR 100 HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. SIGNED <u>[Signature]</u>

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/7/01	4104.5		1732.6	SMOH. DRAINED OIL CHANGED FILTER C/LT NO METAL FOUND SERVICED W/ 70/80 SHELL 15-50 CK COMP. ① 76 ② 70 ③ 72 ④ 70/80 CLEANED GAPPED PLUGS CK TIMING OK ITE 2-7-01 TIME 1732.6 SMOH I CERTIFY THAT THIS (AIRCRAFT OR ENGINE) <u>PROP</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN (ANNUAL OR 100 HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION SIGNED <u>[Signature]</u> A & P <u>477509324 IA.</u>
6-30-01				Rebalanced 2 plugs Hower #1 & <u>[Signature]</u> A & P 477509324 IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-14-02	4201.4		1774.4 SMOH	ENGINE REMOVED FOR EVALUATION AND DISASSEMBLY DUE TO EXCESSIVE AMOUNTS OF METAL IN SCREENS. FOUND ONE MAIN CRANKSHAFT BEARING WORN IN CRANKCASE Roder L [Signature] 561906307 IA
2-7-03	4201.4		0.0 SMOH	OVERHAULED ENGINE MOD # IO-360-A1B6D S/N L-10167-51A IAW LYCOMING D88C1 DRIVE OVERHAUL MANUAL, SERVICE BULLETINS, AND SHOWING LETTERS. ALL MACHINE WORK & CRACK CHKD. ACCOMPLISHED BY CRAFTSMAN AIR REPAIR FAA REPAIR STA. C54R419N. ENGINE CYLINDERS REPLACED w/NEW. ENGINE RUN UP AND BREAK-IN PROCEDURES FOLLOWED FLIGHT TEST PERFORMED. Date 2-7-03 Total Time 0.0 SMOH I certify that this ENGINE has been inspected in accordance with an Airman inspection and has been determined to be in an airworthy condition. Signature and Cert. No. Roder L [Signature] 561906307 IA

SEE MAINTENANCE PURCHASE TAGS & INSPECTION MARKWORK - IN THIS
BOOK OR THIS LOG BOOK

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE SMOH	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-1-06	4306.40		105.0	ANNUAL COMPRESSION - Compression etc - #1 - 78/20, #2 - 75/20, #3 - 78/20, #4 - 75/20. Pulled suction, & cut open oil filter NO METAL OR CONTAMINATED FOUND. SERVICED w/ 8005 AEROSHELL 100W PLUS. INSTALLED NEW 42104 OIL FILTER & BRACKET SA 5705 AIR FILTER ELEMENT. CLEANED, GAPPED, TESTED SPARK PLUGS REINSTALLED w/ ANNUAL GASKETS NO A-D's
				Date <u>3-1-06</u> Total Time <u>105.0</u> SMOH I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and has been determined to be in an airworthy condition. Signature and Cert. No. <u>Rodger L. [Signature]</u> 567900301 IA
3-8-07				COMPRESSION etc - #1 - 78/20, #2 - 76/20, #3 - 77/20, #4 - 74/20. R&R'd #2
THAT	4347.0			INTAKE GASKET DUE TO LEAK. R&R'd CRANKSHAFT SEAL DUE TO LEAK. R&R'd THROTTLE
TSMOH	145.6			GEAR WARNING HORN MICRO SWITCH & ROLLER ASSY. SET THROTTLE WARNING HORN
				CLEANED, GAPPED, TESTED ALL SPARK PLUGS. CR'd INTERIOR W/IN FOR SECURITY J.A.W A-D. NO OTHER A-D's
				SERVICED w/ 8005 AEROSHELL 100W+.
				NEW OIL FILTER 42104 INSTALLED.
				NEW SA5705 AIR FILTER ELEMENT
				Date <u>3-8-07</u> Total Time <u>145.6</u> SMOH I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and has been determined to be in an airworthy condition. Signature and Cert. No. <u>Rodger L. [Signature]</u> 567900301 IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-15-08	4412.5			ANNUAL INSPECTION FINISHED THIS DATE. OIL DIPSTICK AND TUBE
TSMOH-	211.10			ASSEMBLY INSTALLED NEW. OLD DIPSTICK & TUBE WORN OUT AT THREADS
				CHANGED #1 CYL. OIL RETURN LINE. CHANGED ALL INTAKE CASKETS. #1 INTAKE
				PLANGE ON TUBE ASST. CRACKED REP'D w/NEW. REPLACED ALL HOSES ON CYL
				OIL RETURN LINES. REPLACED ALL INTAKE O-RINGS IN LOWER ACC. CASE.
				REP'D ALL ROCKER COVER CASKETS w/NEW RED SILICONE STYLE CASKETS
				COMPRESSION CK - #1 - 78/80, #2 - 76/80, #3 - 71/80, #4 - 74/80. A.O's
				OK'D WORK DONE.
				Date <u>9-15-08</u> Total Time <u>211.1</u> TSMOH
				I certify that this <u>ENGINE</u> has been inspected
				in accordance with an <u>ANNUAL</u> inspection and
				has been determined to be in an airworthy condition.
				Signature and Cert. No. <u>Rodger L [Signature]</u>
				<u>3327317 IA</u>
12-18-09	4422.0			ANNUAL INSPECTION - COMPRESSION CK - #1 - 78/80, #2 - 78/80, #3 - 78/80
TSMOH	275.6			#4 - 76/80. APPLIED LOCTITE 515 UNDER SPACERS & WASHERS & NUTS AT
				LEFT UPPER THRU STUD DUE TO LEAKS. REPLACED GASKET AT BASE OF
				DIPSTICK DUE TO LEAKAGE. OWNER ADVISED HE IS TIGHTENING DOWN
				TOO HARD WHEN PUTTING DIPSTICK BACK IN PLACE. INSTALLED
				NEW #3 INTAKE CASKET DUE TO LOOSE BOLT. BOLT DRILLED TO 1/8" DIA

DATE _____

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8/30/2011 TACH 4499.1 TSMOH 304.7 Mag timing good, Comp check 80-76-77-76 over 80. Drained oil, Inspected oil filter and found clean, serviced with 6 quarts Aeroshell 100 . Cleaned spark plugs, reinstalled with new gaskets. Operation check good, no leaks. I certify that this engine has been inspected JAW an annual inspection and has be determined to be in alrworthy condition. Lawrence F. Johnson A&P/IA 3486165

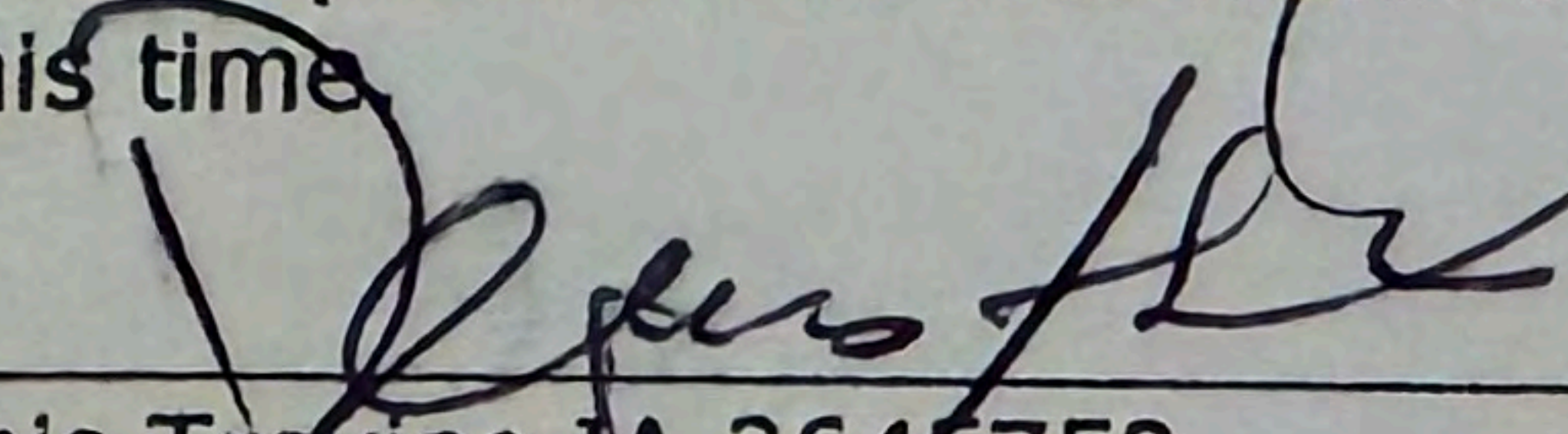
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Inland Valley Aviation, Inc
7000 Merrill Ave, Chino, CA 91710

^{TACH}
09/10/2012 N4521.9 N1945Q SMOH 327.5

#1 77/80 #2 78/80 #3 76/80 #4 78/80

Cleaned, gapped, inspected spark plugs. Serviced oil (8 qts. Phillips 100AW) and filter (CH48103-1), oil sample taken.
Replaced induction filter and instrument filter with new. Lubed engine controls. Resealed oil dipstick housing. Removed cylinders #2 & 3- checked, cleaned and prep cylinders for reinstallation. Applied sealant around cylinder base mounting studs, installed cylinders and torqued. Installed attaching parts on #2 & 3 cylinders. Fabricated oil return tube for #4 cylinder and installed. Fabricated rocker drain tube for #2 cylinder and installed. Reinstalled L front baffle. Installed 4 new SL66732 gaskets. Washed engine and test ran.
I certify this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition at this time.


Dennis Trevino A 2645752

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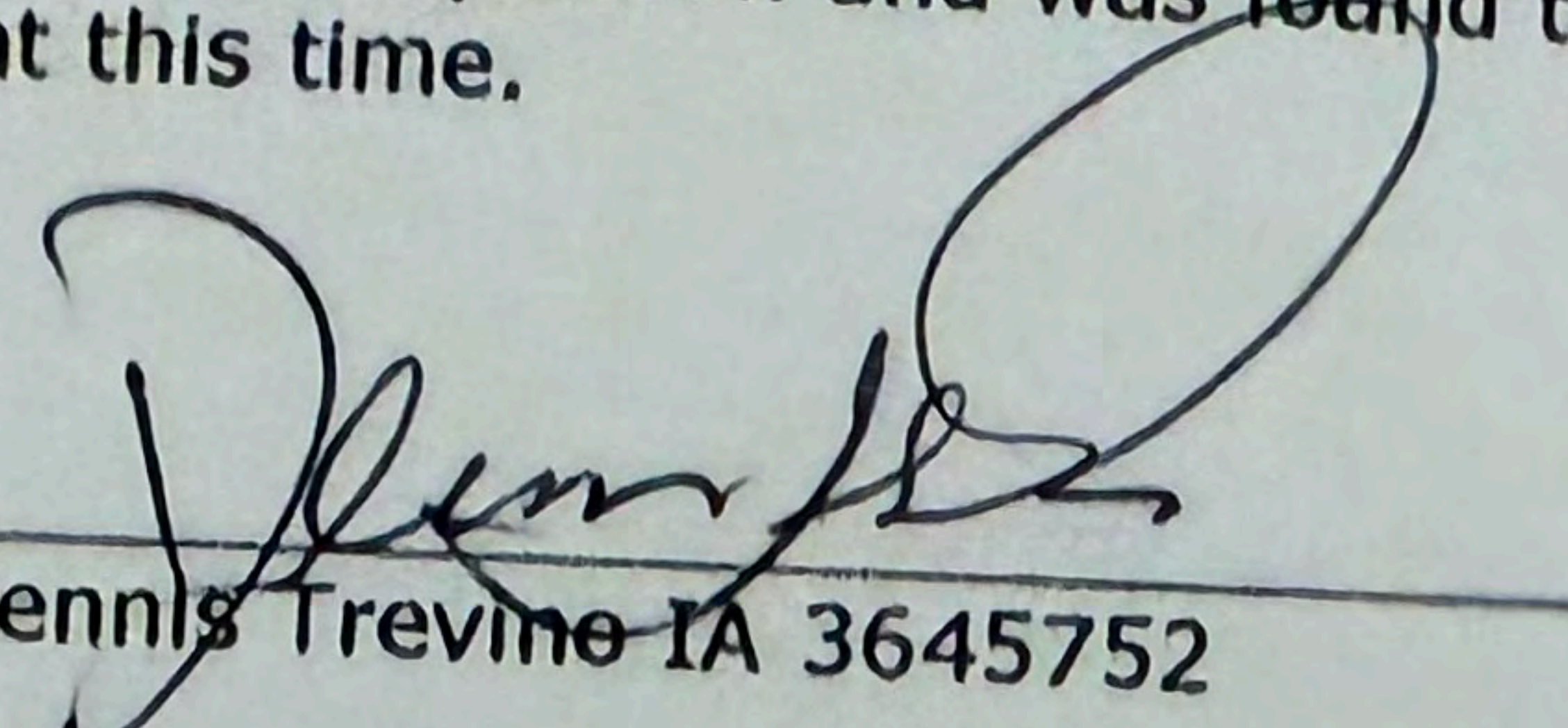
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Inland Valley Aviation, Inc
7000 Merrill Ave, Chino, CA 91710

~~TACH~~
09/10/2012 N4521.9 N1945Q

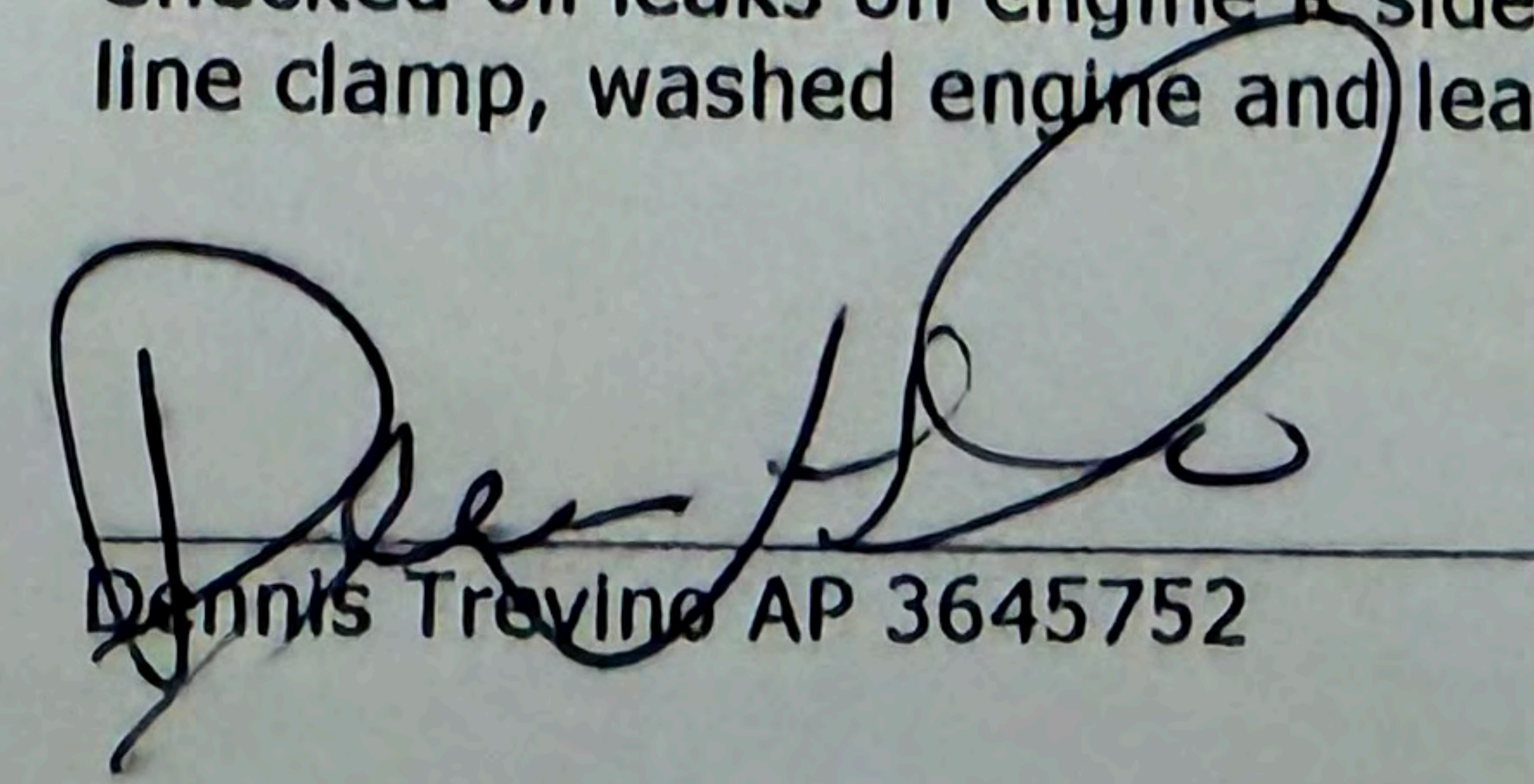
I certify this propeller has been inspected in accordance with an annual inspection and was found to be in an airworthy condition at this time.


Dennis Trevino IA 3645752

Inland Valley Aviation, Inc
7000 Merrill Ave, Chino, CA 91710

09/27/2012 Tach 4527.2 N1945Q

Checked oil leaks on engine R side, changed cylinder #1 return line clamp, washed engine and leak checked.


Dennis Trevino AP 3645752

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Inland Valley Aviation, Inc
7000 Merrill Ave, Chino, CA 91710

08/30/2014 Tach 4611.3 N1945Q 416.9 SMOH

#1 79/80 #2 78/80 #3 79/80 #4 78/80

Cleaned, gapped, inspected spark plugs. Serviced oil (8 qts, Aeroshell 100W+) and filter (AA48103-2), oil sample taken. C/W AD11-26-04 Injector Line Clamp- next due 08/2015 or 4711.3. Installed new BA5705 air filter element and RAD9-14-5 filter. Replaced #3 intake gasket with new 71973 gasket .

I certify this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition at this time.

Dennis Trevino

Dennis Trevino IA 3645752

Inland Valley Aviation, Inc
7000 Merrill Ave, Chino, CA 91710

08/30/2014 Tach 4611.3 N1945Q

I certify this propeller has been inspected in accordance with an annual inspection and was found to be in an airworthy condition at this time.

Dennis Trevino

Dennis Trevino IA 3645752

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Inland Valley Aviation, Inc
7000 Merrill Ave, Chino, CA 91710

03/22/2015 Tach 4641.5

Vacuum pump inop- removed and installed new Rapco 215CC
s#A57036. Serviced oil (8 qts Aeroshell 100w+) and filter
(AA48103), oil sample taken.

Dennis Trevino

Dennis Trevino IA 3645752

Inland Valley Aviation
7000 Merrill Ave. Chino, CA. 91710

09/01/2015 Tach 4650.0 N1945Q
#1 78/80 #2 78/80 #3 78/80 #4 77/80

455.6 SMOH

Serviced oil (8qts. Aeroshell 100w+) , and filter (AA48103-2), oil sample
taken. Cleaned, gapped, and inspected spark plugs. Replaced 2ea.
(RHM38S) plugs #2 & #4 lower positions. Replaced exhaust system with
power flow STC. Drilled pipes and installed EGT probes. Trim cowling
exhaust exit. Repositioned fairing.

C/W AD 11-26-04 Injection line clamp insp.- recheck 09/2016.

I certify this engine has been inspected in accordance with an annual
inspection and was found to be in an airworthy condition at this time.

Dennis Trevino

Dennis Trevino IA3645752

Inland Valley Aviation
7000 Merrill Ave. Chino, CA. 91710

09/01/2015 Tach 4650.0 N1945Q

I certify this propeller has been inspected in accordance with an annual
inspection and was found to be in an airworthy condition at this time.

Dennis Trevino

Dennis Trevino IA3645752

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Inland Valley Aviation, Inc
7000 Merrill Ave, Chino, CA 91710

04/26/2016 Tach4672.5 N1945Q

Serviced oil (8 qts Aeroshell 100w+), and filter (AA48103-2).
AOA oil sample taken- leak test ok. C/W Cessna SEL-73-05 Fuel
pump inspection. N/A per test and date codes.

Dennis Trevino
Dennis Trevino IA3645752

Inland Valley Aviation
7000 Merrill Ave. Chino, CA. 91710

09/01/2016 Tach 4689.1 N1945Q
#1 75/80 #2 76/80 #3 76/80 #4 74/80

494.7
SMOH

Serviced oil (8 qts Aeroshell 100W+), and filter (CH48103-2). AOA oil
sample taken. Cleaned, gapped, and inspected spark plugs. Serviced air
filter. Replaced oil quick drain - started to leak. Installed new (P5000)
drain on Rh side of sump.
C/W AD 15-19-07 Fuel injector line clamp inspection- Found okay at this
time. Recheck at Tach 4789.1 or Sept. 2017.

I certify that this engine as in accordance with an annual inspection and
was found to be in airworthy condition at this time.

Dennis Trevino
Dennis Trevino IA3645752

Inland Valley Aviation
7000 Merrill Ave. Chino, CA. 91710

09/01/2016 Tach 4689.1 N1945Q

I certify that this propeller as in accordance with an annual inspection and
was found to be in airworthy condition at this time.

Dennis Trevino
Dennis Trevino IA3645752

DATE 19__	RECORDING TACH TIME
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08/10/20
#1 71/80

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was found to be in airworthy condition at this time.

Dennis Trevino

Dennis Trevino IA3645752

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Inland Valley Aviation
 7000 Merrill Ave. Chino, CA. 91710

08/10/2017 N1945Q Tach 4721.4

517.0

#1 71/80 #2 74/80 #3 72/80 #4 76/80

SMOH

Serviced oil (8 qts. Aeroshell 100W+), and filter (AA48103-2). Cleaned and serviced air filter. Cleaned, gapped, and inspected spark plugs.

C/W AD 15-19-07 Fuel injector line clamps, Found okay.

Reinspect 4821.4 or 08/2018

I certify this engine has been inspected in accordance with a 100Hr. inspection and was determined to be in an airworthy condition at this time.

Dennis Trevino

Dennis Trevino IA34645752

Inland Valley Aviation
 7000 Merrill Ave. Chino, CA. 91710

08/10/2017 N1945Q Tach 4721.4

I certify this propeller has been inspected in accordance with a 100Hr. inspection and was determined to be in an airworthy condition at this time.

Dennis Trevino

Dennis Trevino IA34645752

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Inland Valley Aviation 7000 Merrill Ave. A335/Box 87 Chino, CA. 91710 09/01/2018 N1945Q Tach 4749.0 <i>544.6 SMOH</i> #1 76/80 #2 77/80 #3 78/80 #4 78/80 Serviced oil with 8 qts Phil 100AW and tempest AA48103-2 Filter. Installed 8 ea. tempest URHM38E spark plugs. Cleaned air filter. Performed 500 hr mag Inspection, cleaned and reassembled magneto. Reinstalled on the engine with new SA638172 Drive couples and LW12681 gasket. Timed to 25 Degree BTC. Installed new gasket on fuel pump. C/W ad 15-19-07 Injector line clamp inspection Found okay at this time. Reinspected at 4849.0 or 08/2019. I certify this engine has been inspected in accordance with a 100Hr./annual inspection and was determined to be in an airworthy condition at this time. <i>[Signature]</i> Dennis Trevino IA34645752

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Inland Valley. 7000 Merrill Ave # 87 Chino, CA 91710 IA 3645752
LOG ID# 4440 21-August-2019 WO# 4740 AC TT 4779.0
N1945Q S/N 177RG0345 CESSNA 177RG

574.6 sm OH

Pg 1 / 1

Engine:

#1 77/80 #2 78/80 #3 76/80 #4 77/80

Oil service was prior to Annual, serviced spark plugs, installed new AA48103 Air Filter.

Replaced three existing hoses with new PN:624000-4-0162, 624000-6-0120, 624000-6-0296.
C/w 62-12-07 Oil Filter Converter Gasket. C/w by inspection- no leaks at this time. Recheck at
4829.0 or next filter change

C/w 15-19-07 Fuel Injector Line and Clamp Inspection- found OK at this time. Reinspect at 4879.0 or
8/2020

I certify this engine has been inspected in accordance with an annual inspection and was determined
to be in an airworthy condition at this time.

Signed IA 3645752 Dennis Trevino

Date

8/22/19

Inland Valley Aviation 7000 Merrill Ave # 87 Chino, CA 91710 IA 3645752
LOG ID# 4439 21-August-2019 WO# 4740 AC TT 4779.0
N1945Q S/N 177RG0345 CESSNA 177RG

Pg 1 / 1

Propeller:

I certify this propeller has been inspected in accordance with an annual inspection and was
determined to be in an airworthy condition at this time.

Signed IA 3645752

Date

8/21/19

Dennis Trevino IA3645752

Chino Aviation Inc.

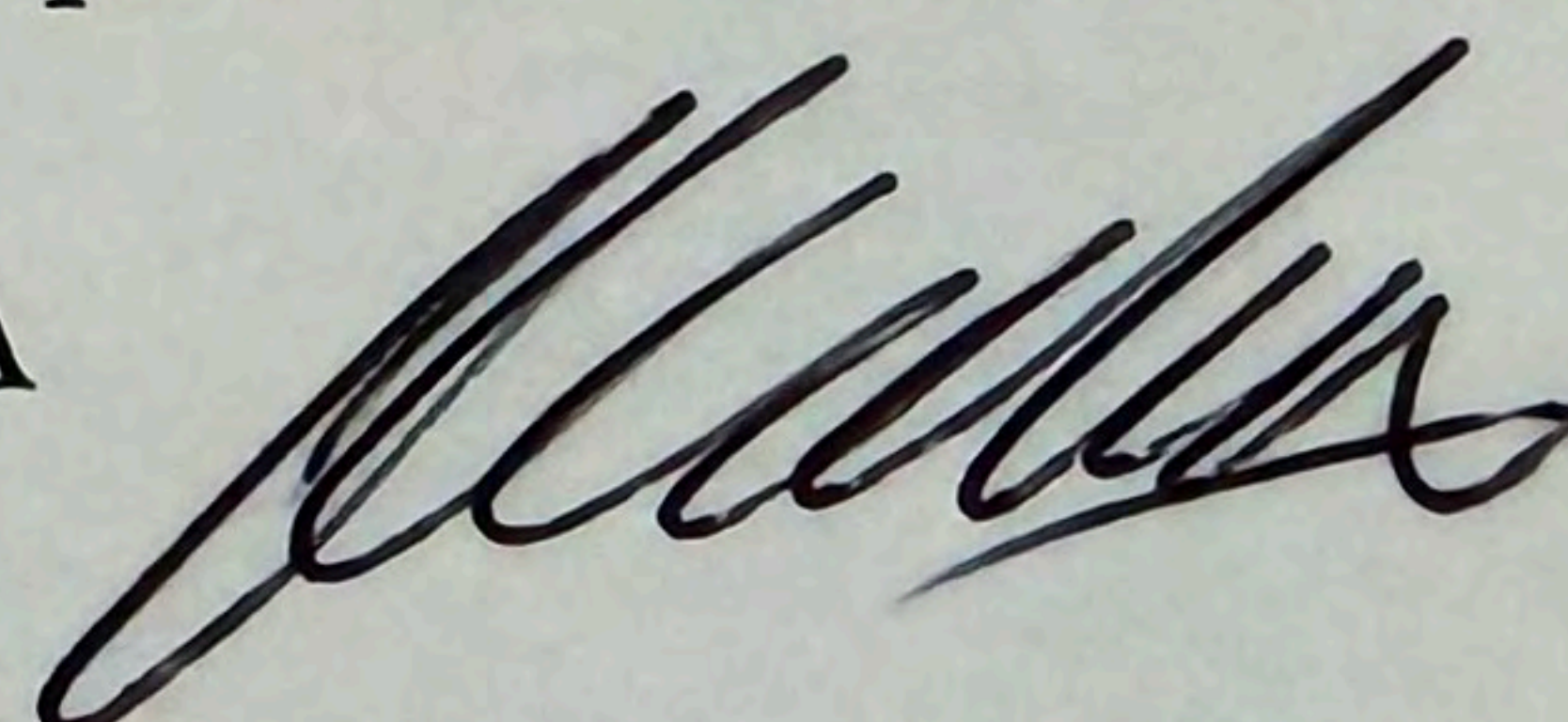
7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

N1945Q Total time 4798.4 TSO; 597.0 07/25/2020

Compression checked #1 78/80 #2 74/80 #3 78/80 #4 78/80. Changed oil and filter with Aeroshell 100w Plus, and 48110-2 tempest oil filter, checked magneto timing, oil filter inspected for metal or contaminants, none found at this time, cleaned, gapped and tested all sparkplugs, new induction filter element P.N. BA6108 installed, inspected exhaust system for leaks, none found. Inspected fuel screens, no contaminants noted. Engine run and checked for proper operation.

I certify that this Engine was inspected in accordance with an Annual inspection and found airworthy at this time.

Agustin Cendejas AP2606564IA



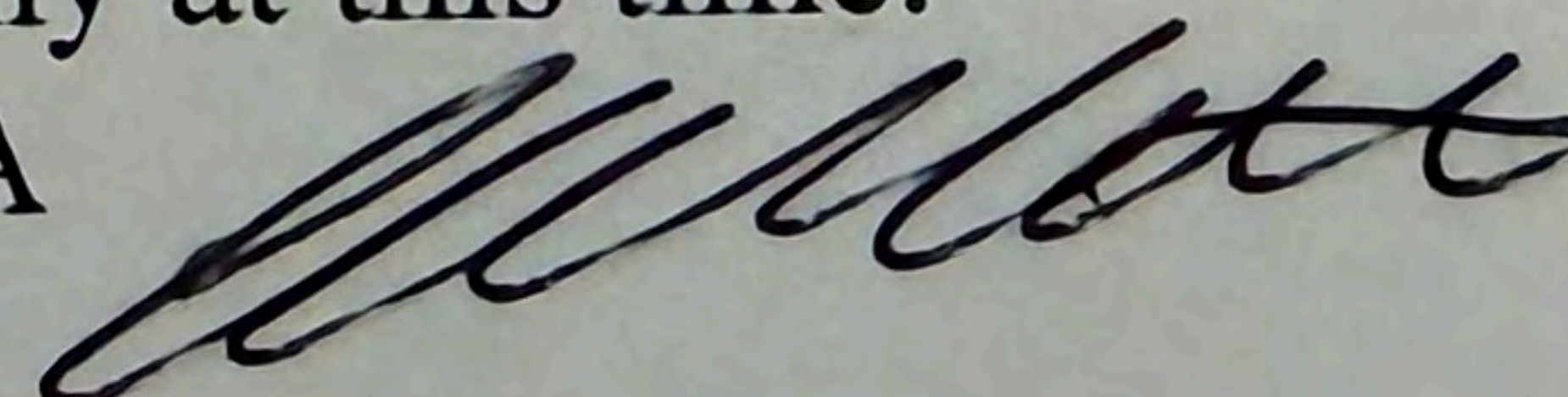
Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

N1945Q Total time 4798.4 07/25/2020

I certify that this Propeller has been inspected in accordance with an Annual Inspection and found Airworthy at this time.

Agustin Cendejas 2606564IA



Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

N1945Q

Total time 4827.8

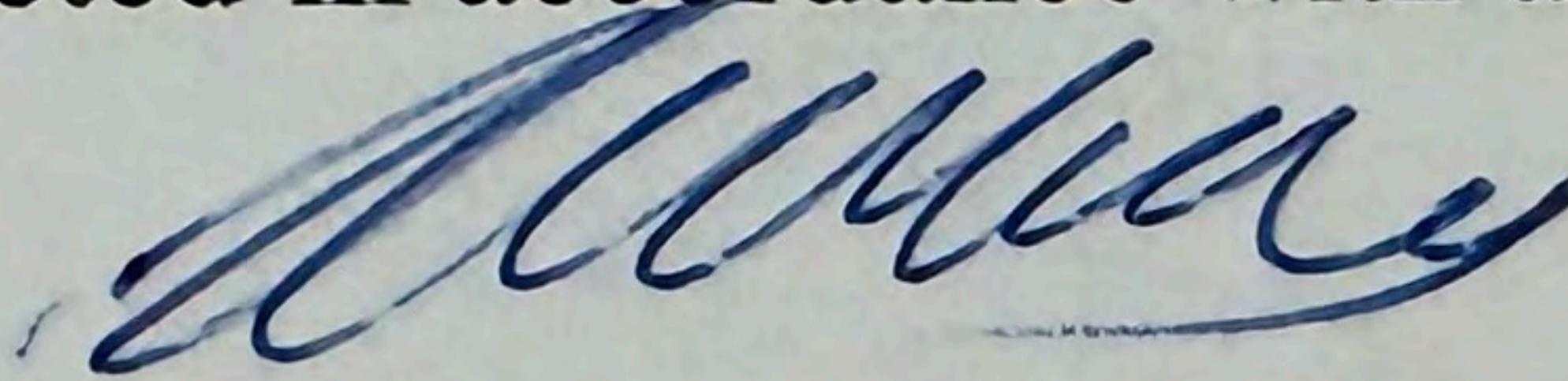
TSO; 626.4

08/06/2021

Compression checked #1 72/80 #2 74/80 #3 72/80 #4 74/80. Changed oil and filter with Aeroshell 100w Plus, and 48110-2 tempest oil filter, checked magneto timing, oil filter inspected for metal or contaminants, none found at this time, cleaned, gapped and tested all sparkplugs, replaced induction gasket p.N. 71973 on cylinder no. 2, new induction filter element P.N. BA6108 installed, inspected exhaust system for leaks, none found. Inspected fuel screens, no contaminants noted. Engine run and checked for proper operation.

I certify that this Engine was inspected in accordance with an Annual inspection and found airworthy at this time.

Agustin Cendejas AP2606564IA



Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

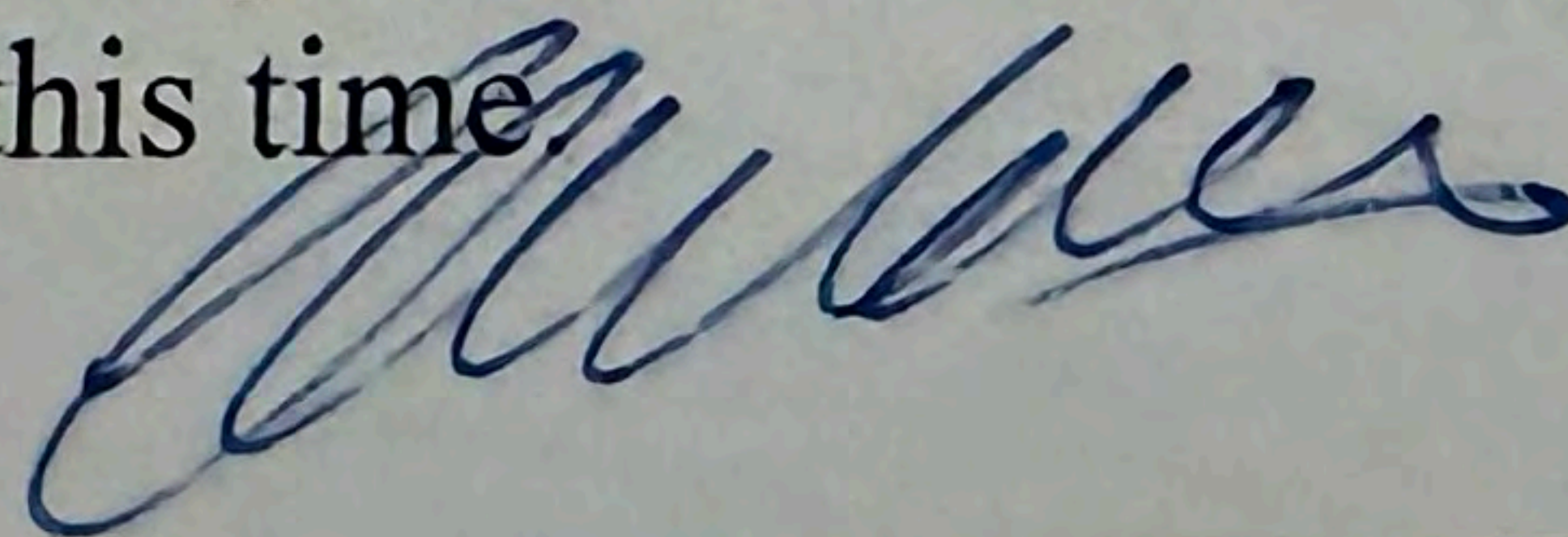
N1945Q

Total time 4827.7

08/06/2021

I certify that this Propeller has been inspected in accordance with an Annual Inspection and found Airworthy at this time.

Agustin Cendejas 2606564IA



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Chino Aviation Inc.

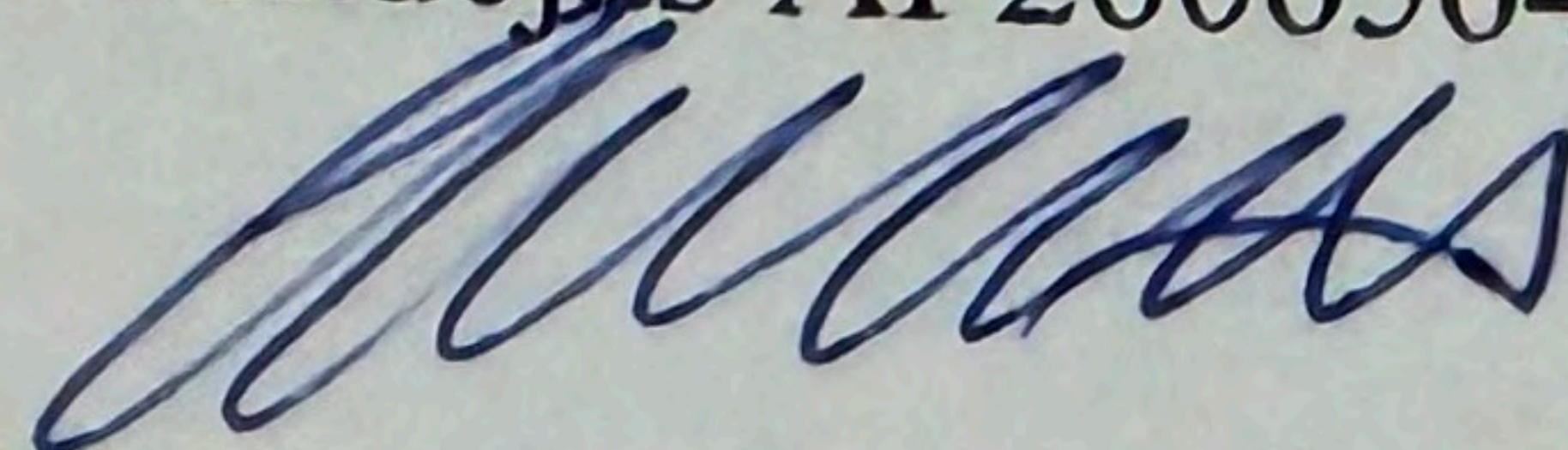
7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

N1945Q Total time 4825.5 05/21/2021

replaced starter with new Sky Tec P.N. 149NL
engine run and checked for proper operation.

Nose gear microswitch adjusted and gear tested with aircraft on jacks.

Agustin Cendejas AP2606564



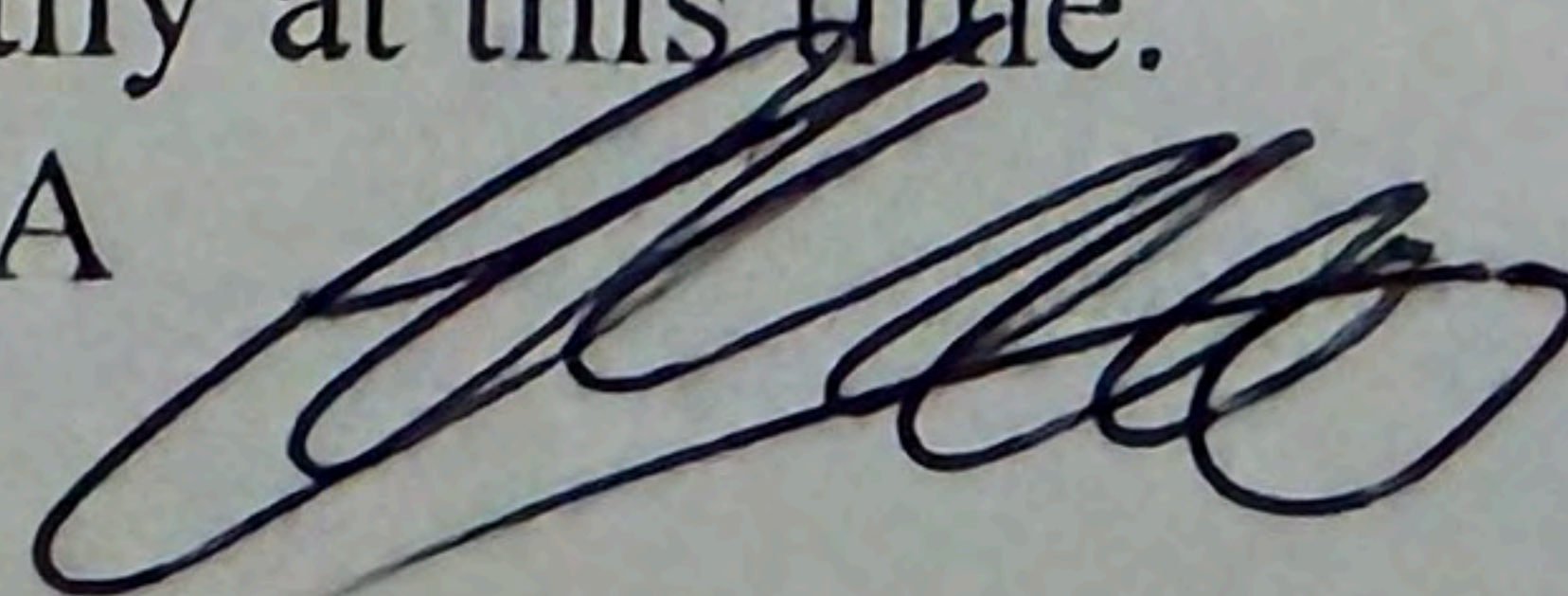
Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

N1945Q Total time 4855.4 08/15/2022

I certify that this Propeller has been inspected in accordance with an Annual
Inspection and found Airworthy at this time.

Agustin Cendejas 2606564IA



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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
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MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

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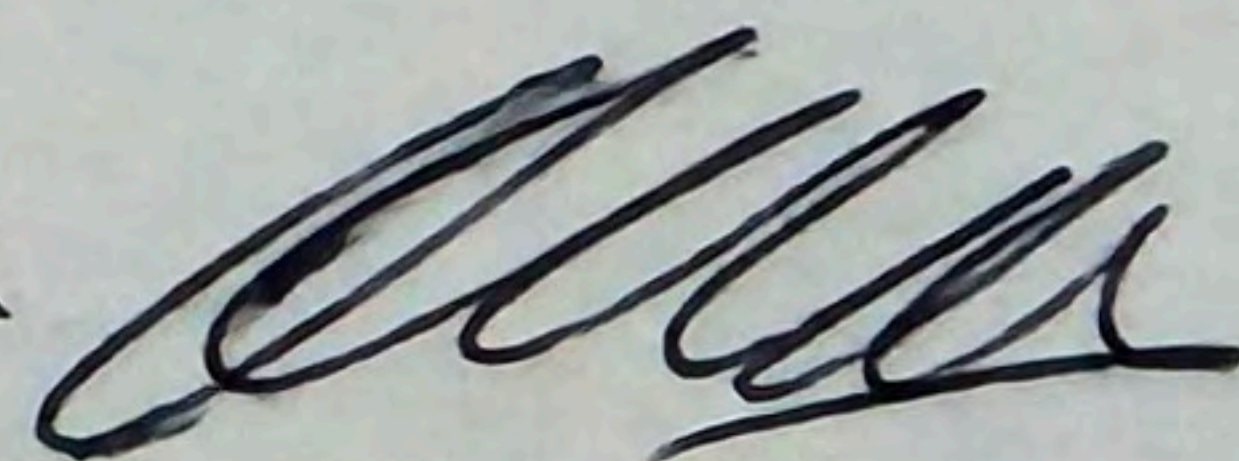
Total time 4855.4

TSO; 654.0 08/15/2022

Compression checked #1 74/80 #2 74/80 #3 74/80 #4 74/80. Changed oil and filter with
Aeroshell 100w Plus, and 48110-2 tempest oil filter, checked magneto timing, oil filter
inspected for metal or contaminants, none found at this time, cleaned, gapped and tested
all sparkplugs, new induction filter element P.N. BA6108 installed, inspected exhaust
system for leaks, none found. Inspected fuel screens, no contaminants noted. Engine run
and checked for proper operation. AD 2015-19-07 complied by inspection of fuel
injection lines, no damage or leaks found. AD2005-12-06 on magneto is due at 5249.

I certify that this Engine was inspected in accordance with an Annual inspection and
found airworthy at this time.

Agustin Cendejas AP2606564IA



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Chino Aviation Inc.

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7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

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Total time 4868.6

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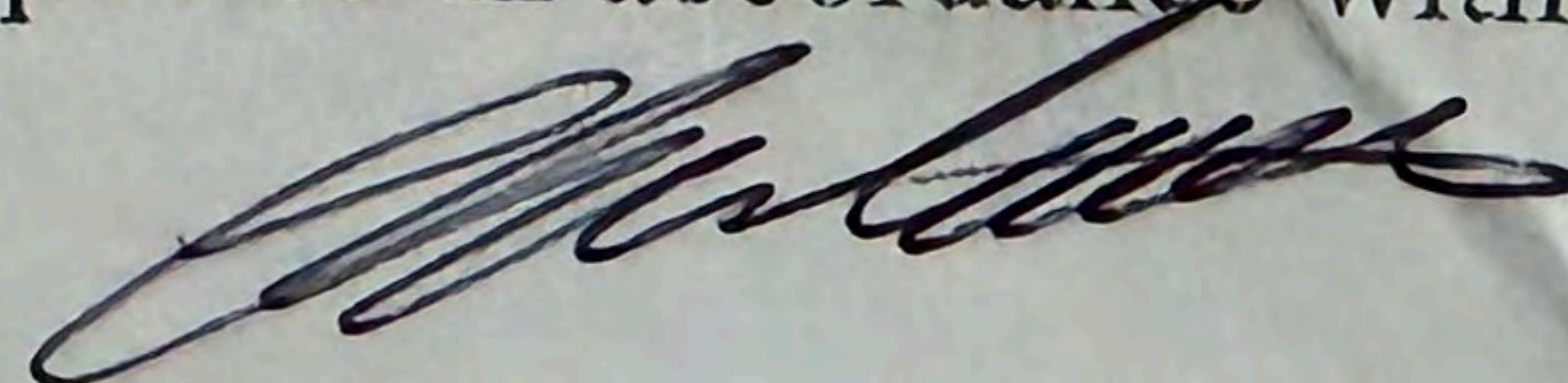
08/18/2023

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Compression checked #1 78/80 #2 78/80 #3 78/80 #4 78/80. Changed oil and filter with Aeroshell 100w Plus, and 48103-2 tempest oil filter, checked magneto timing, oil filter inspected for metal or contaminants, none found at this time, replaced induction tube gasket P.N. SL71973 on cylinder No. 2, cleaned, tightned all hose clamps on oil return hoses, gapped and tested all sparkplugs, new induction filter element P.N. BA6108 installed, inspected exhaust system for leaks, none found. Inspected fuel screens, no contaminants noted. Engine run and checked for proper operation. AD 2015-19-07 complied by inspection of fuel injection lines, no damage or leaks found. AD2005-12-06 on magneto is due at 5249. AD 2023-10-02 not applicable. AD 2023-02-17 complied by Eddy Current done by Aerohoff per SEL-57-09 under W.O. 200722. wing spar treated and protected from corrosion. No damage or cracks found. Report filed 07/22/2020.

I certify that this Engine was inspected in accordance with an Annual inspection and found airworthy at this time.

Agustin Cendejas AP2606564IA



Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

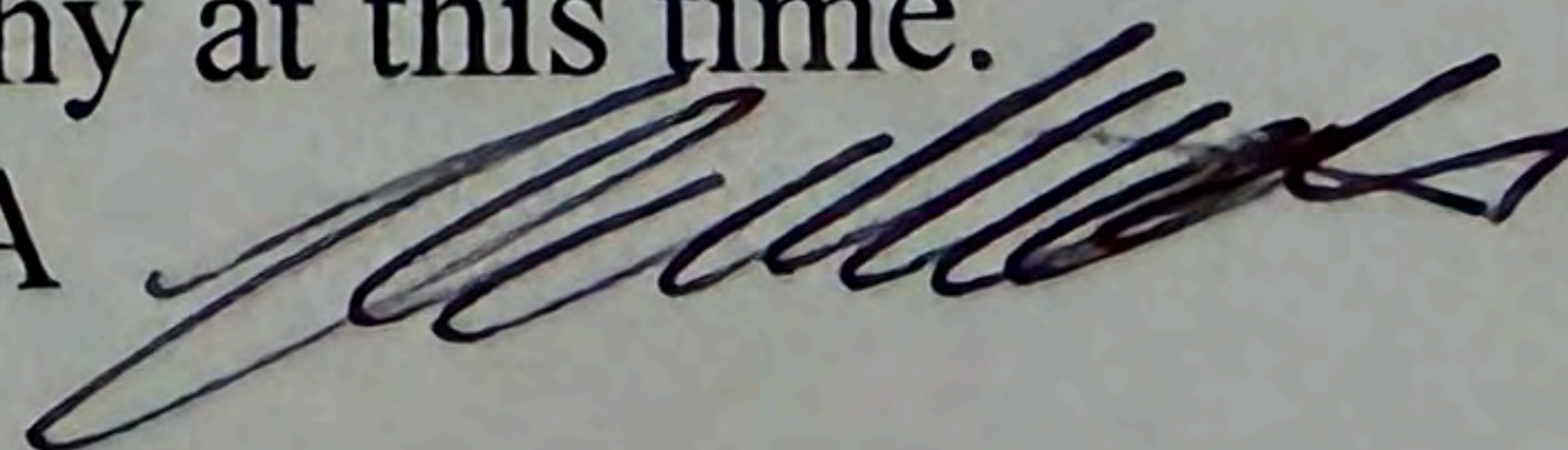
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Total time 4868.6

08/18/2023

I certify that this Propeller has been inspected in accordance with an Annual Inspection and found Airworthy at this time.

Agustin Cendejas 2606564IA



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Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

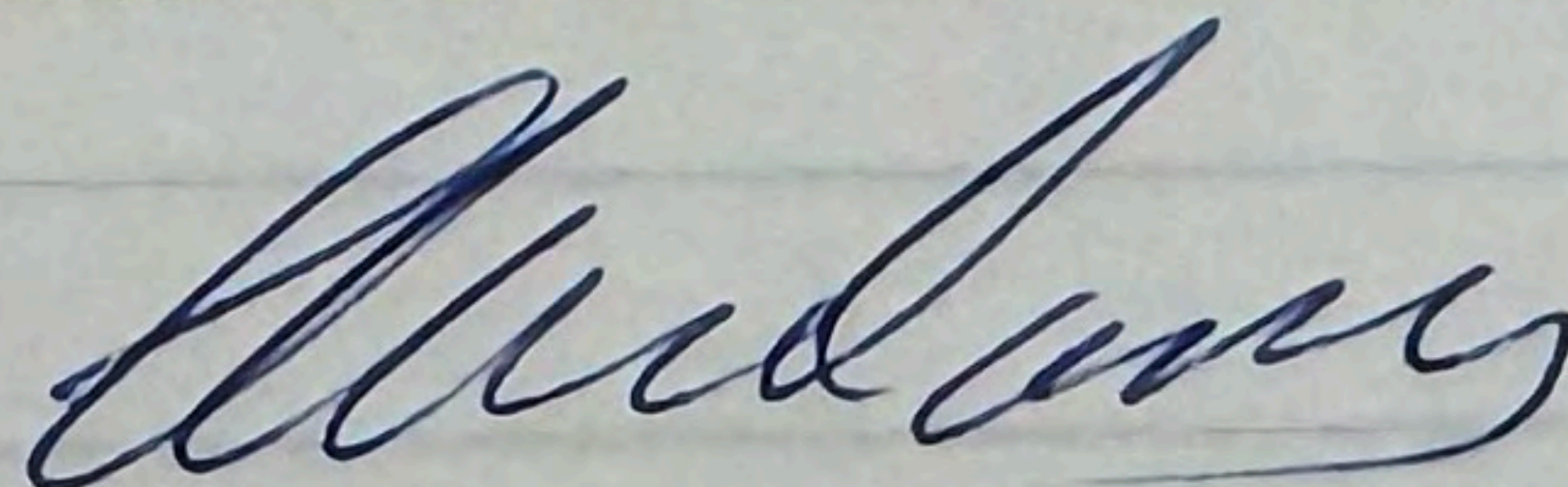
N1945Q Total time 4871.4

TSO; 670.0 10/08/2024

Compression checked #1 76/80 #2 78/80 #3 78/80 #4 76/80. Changed oil and filter with Aeroshell 100w Plus, and 48103-2 tempest oil filter, checked magneto timing, oil filter inspected for metal or contaminants, none found at this time, gapped and tested all spark plugs, inspected exhaust system for leaks, none found. Inspected fuel screens, no contaminants noted. Engine run and checked for proper operation. AD 2015-19-07 complied by inspection of fuel injection lines, no damage or leaks found. AD 2005-12-06 on magneto is due at 5249. AD 2023-10-02 not applicable.

I certify that this Engine was inspected in accordance with an Annual inspection and found airworthy at this time.

Agustin Cendejas AP2606564IA



CHAMPION
CLASP NO. 25
4 1/2 x 6 1/2

