

Book # N8214C

The Standard

ENGINE LOG

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER 24001111111111111111 MODEL PA 18-135 O 250-D2

SERIAL 7135-21 TYPE CERTIFICATE \_\_\_\_\_

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT PA 18-N-8214C

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

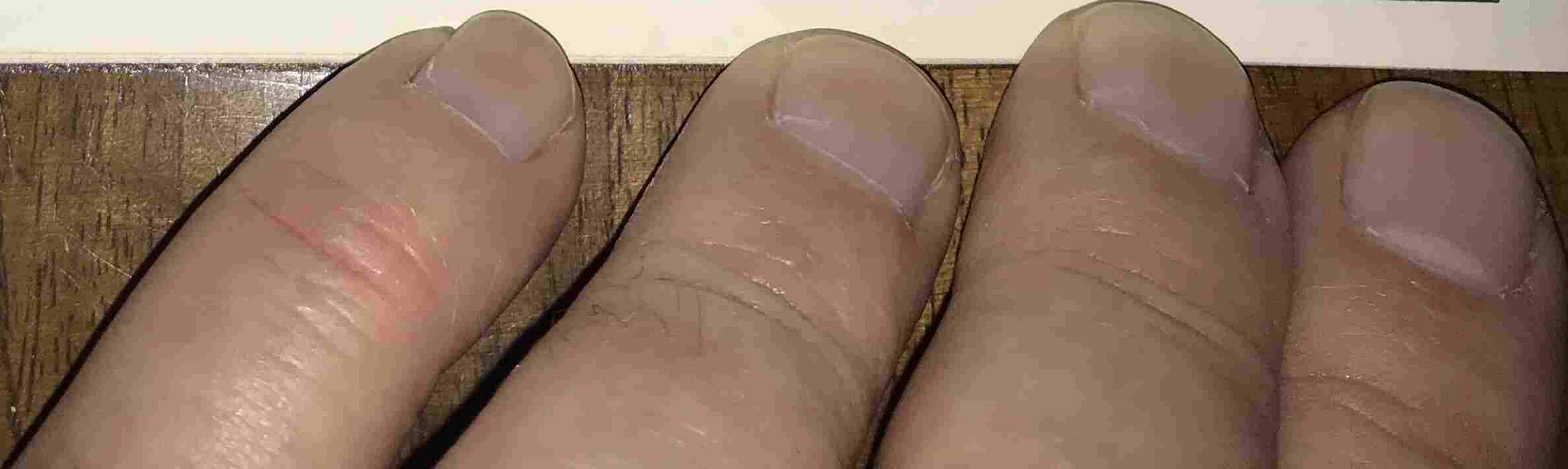
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p><u>Date</u> <u>9/27/68</u> <u>Total Time to Date</u> <u>780:34</u></p> <p>"I certify that this aircraft has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition."</p> <p><u>Kenneth H. Reebaker</u></p>

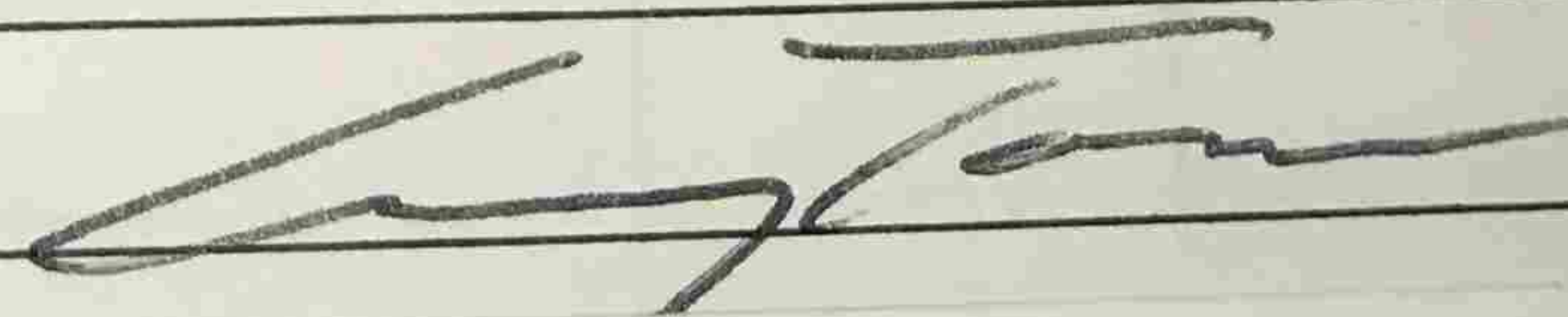
FAA REPAIR STATION NO. 2087  
 HORTON AERO SERVICE  
 915 KENT ROAD - LUBBOCK, TEXAS

MINOR DISCREPENCIES FILED UNDER WO  
 6261

DATE 19 <u>71</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.)
				<p>2/20/71 Tach time 901.2</p> <p>100 hr inspection Compression #1 80/70 #2 80/75 #3 80/60 #4 80/80</p> <p>Clean oil screen Clean &amp; gap spark plugs, replace one spark plug. Repair primer line #4 cyl. Candles &amp; linkage inspected. No adjustment A.D. on this engine. Engine &amp; cowling washed down. Nuts in prop dressed.</p> <p>I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection and was found to be airworthy. Date <u>2/20/71 T.L. 901.2</u> <u>Wylie Robinson - AP-1616278</u></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.)
9/4/52	1590.79			Opened for insp. Compression all 70/80 or better. Checked timing. Reamed and checked screen. Serviced w/ 8 qt Avial 100w. Checked mounting & control. I call that this engine was very slow a general insp & is returned to service C. Tom ZA151714502



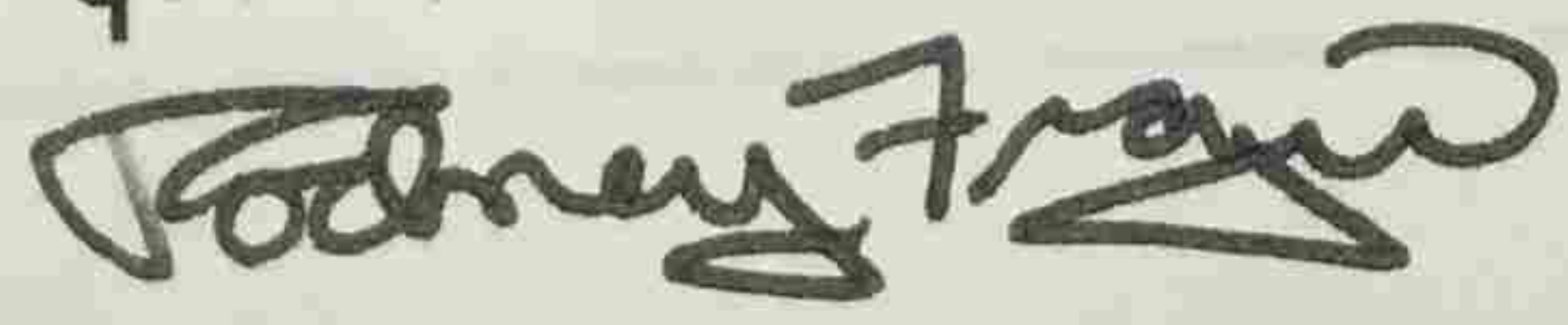
DATE 19 <u>03</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/11/03	1600.05			<p>OPENED FOR INSPECTION. COMPRESSIONS ALL 70/80 OR BETTER. DRAINED OIL, CHECKED SCREEN, SERVICED w/ 8 QTS. AEROSHELL 150W. CHECKED CONTROLS AND MOUNTING. ALL A.D. CHECKED.</p> <p>"I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition"</p> <p> TAF54714905</p>

**BRADY AERO SERVICES**

N8214C Piper Cub

1. Drained oil and serviced with 8-qts of Aeroshell 15W-50, engine run and leak check good.

**Rodney L. Frazier**



**December 18, 2003**

TACH: 1614.6

**A&P 461159267**

DA  
19

### BRADY AERO SERVICES

Lycoming O-290-D SN: 80025

Engine installed on N2714G 1959 Cessna 182B SN: 52014 <sup>D RLF</sup>

May 5, 2004

TSN: 1625.0 TSO: 432

AFTT & TACH: 1625.0

1. Complied with a 100-hr inspection using FAR 43 Appendix  $\text{\textcircled{C}}$  and a guide.
2. Verified engine timing is 18-deg BTC required by AD 54-02-01.
3. AD 75-08-09 r3 Oil Pump Failures, P/C/W on 08-21-90 by new oil pump and shaft installed.
4. AD 81-18-04 r2 was superceded by AD 96-09-10.
5. AD 90-04-06 r1 Oil Line Fractures, N/A by no propeller governor installed.
6. AD 91-08-07 C Engine Power Loss, N/A by engine model #, year model and not turbo charged.
7. AD 91-14-22 Crankshaft failure, DUE next overhaul, propeller strike, sudden stoppage or gear train repair.
8. AD 98-17-11 C Crankshaft Failure, N/A by model # or serial number not on list and not returned to service by said repair station.
9. Complied with engine compression test. #1 72/80, #2 72/80, #3 74/80, & #4 73/80.
10. Replaced all spark plugs with new PN REM40E. *Rodney L. Frazier*

**Rodney L. Frazier**

**A&P 461159267**


repair

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.)
8/10/05	TACH 1647			<p>Decoupled engine and cleaned. Drained oil and removed screen for inspect. and cleaning. Reinstalled and safety wired. Qty's of 15W-50 Aeroshell added. Plugs removed inspected and cleaned and rotated. Comp. Ck good at #1-75, #2-70 #3-72, #4-74. Fuel screen removed, cleaned and reinstalled. All buffing in good shape. Ops chk performed and found good. Recoupled engine and returned to service.</p>
				<p>"I certify that this <u>Engine</u> has been inspected in accordance with <u>100 hr</u> inspection and was determined to be in airworthy condition"</p> <p><u>J.D.</u> AP 3032247</p>



DATE <del>19</del>	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.)
8/10/05	1647			<p>"I certify that this <u>Engine</u> <u>Lang Ly</u>  has been tested  in accordance with <u>Annual</u>  inspection and was determined <u>AdP PA</u>  to be in airworthy condition" <u>45010634</u></p>
11-10-06	1669.8	Tach		<p>Performed comp. test ① 72/80 ② 66/80  ③ 76/80 ④ 74/80. Changed oil, filled with 8 quarts  of Aeroshell 100 oil. Cleaned, gapped and tested  plugs. Donald Maloney ATF 3092628</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.)
	→ D Prev.	Page		"I certify that this <u>Engine</u> "I certify that this <u>Engine</u> has been inspected has been inspected in accordance with <u>100 HR</u> in accordance with <u>Annual</u> inspection and was determined inspection and was determined to be in airworthy condition" to be in airworthy condition"
	TACH 1678.2			R.O. / AP 3032247 <u>Long Z ADP DA</u> 450 110634
10/11/07	TACH 1678.8			<del>Chkd</del> for compliance of AD # 96-09-10, oil pump gear P/N - LW18109, LW18110 installed. Visual inspection was performed. <del>gear</del> Gears installed by unknown party at unknown time. Aircraft returned to service. AD / AP 3032247

DATE

19\_\_

DATE 11-12-2008 TACH 1689.70 TSO 496.70

O-290-D2 N8214C

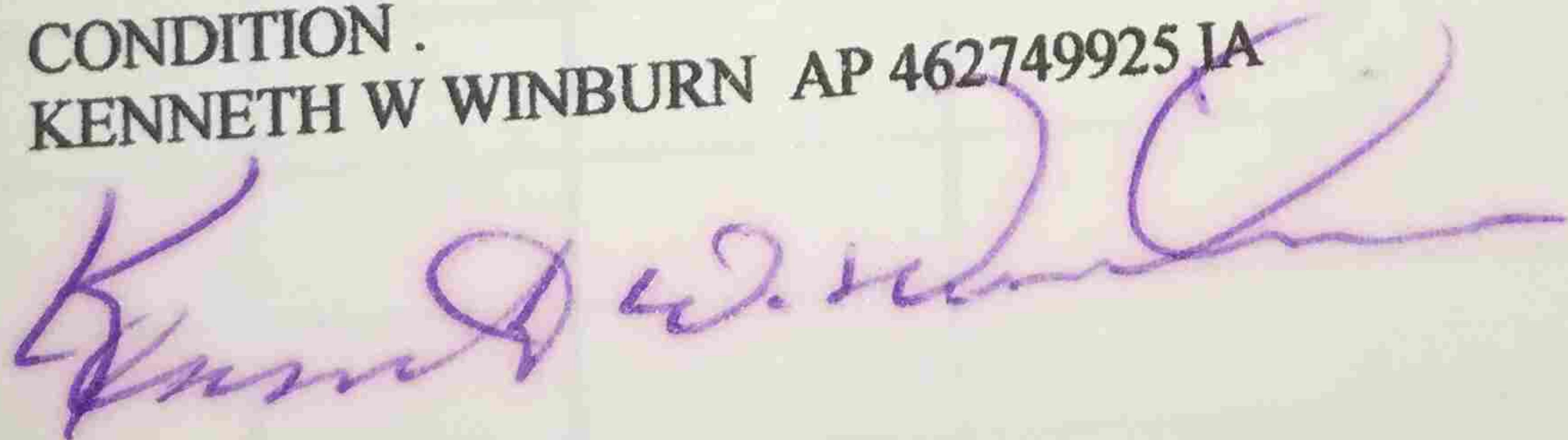
PERFORMED 100 HR./ ANNUAL INSPECTION IAW LYCOMING  
MAINTENANCE MANUAL AND FAR 43 APP. D

OIL CHANGED AND CLEANED OIL SCREEN.SPARK PLUGS WERE  
REMOVED AND CLEANED AND REINSTALLED .AIR FILTER SERVICED  
AS REQUIRED. ENGINE CONTROLS CK'ED MAGS WERE CK'ED .AIR OIL  
COOLER CK'ED CYL. CK. (1) 65/80 (2) 75/80 (3) 75/80 (4) 75/80 .MAGS  
WERE OVERHAULED AT THIS TIME.

ALL A.D.'S WERE CHECKED AD 74-06-02 C/W BY OVERHAULING  
MAGS. NEW IMPULSE SPRING INSTALLED NO OTHER AD'S APPLY TO  
THIS ENGINE AT THIS TIME.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW ANNUAL  
INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY  
CONDITION .

KENNETH W WINBURN AP 462749925 IA



TESTS, REPAIRS AND ALTERATION  
NAME, RATING AND CERTIFICATE NUM  
BACK PAGES FOR OTHER SPECIFIC E

DATE	RECORDING TACH TIME	TODAYS	TOTAL TIME IN	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.)
19__				

DATE 12-07-2009 TACH 1698.37 SMO 505.37  
 N8214C Lycoming O-290-D2 SN. 7135-21

This engine was inspected IAW Lycoming Maintenance Manual and FAR 43 APP: D.

Oil screen was removed, cleaned and reinstalled. Mags were checked for timing and operation. Spark plugs were removed cleaned, gapped and reinstalled. Compression checked (1) 75/80, (2) 75/80, (3) 75/80, (4) 70/80. Engine controls were checked for operation. Air filter serviced. Carb. Was inspected.

All AD'S were checked, none are due at this time.

I certify this engine has been inspected IAW a Annual Inspection and has been determined to be in airworthy condition.

*Kenneth W. Winburn*  
 Kenneth W. Winburn AP462749925IA

R OF  
RIES.)

DATE	RECORDING	TODAY'S	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS <small>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF BACK PAGES FOR OTHER SPECIFIC ENTRIES.)</small>
------	-----------	---------	------------------	---

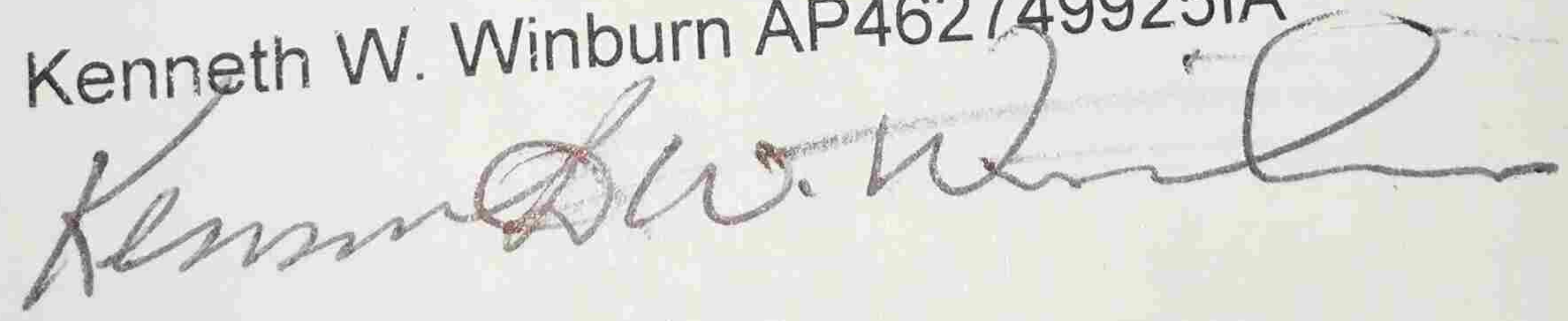
19\_\_

01-02-2013 Tach 1704.0 SMO 511.37

Oil screen was removed, cleaned and reinstalled. Mags were checked. Spark plugs were checked and cleaned. Compression (1) 75/80, (2) 75/80, (3) 75/80, (4) 70/80. All engine controls were checked.

This engine has been inspected IAW an Annual Inspection and has been determined to be airworthy.

Kenneth W. Winburn AP462749925IA



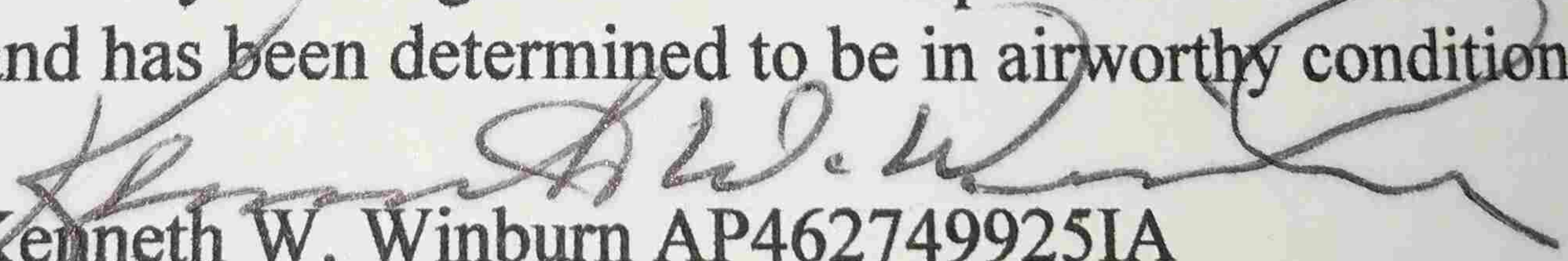
RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE

DATE 01-02-2011 TACH 1714.50 SMO 521.  
N8214C Lycoming O-290-D2 SN. 7135-21

This engine was inspected IAW Lycoming Maintenance Manual and FAR 43 APP: D.

Oil screen was removed, cleaned and reinstalled. Mags were checked for timing and operation. Spark plugs were removed cleaned, gapped and reinstalled. Compression checked (1) 75/80, (2) 75/80, (3) 75/80, (4) 70/80. Engine controls were checked for operation. Air filter services. Carb. Was inspected. All AD'S were checked, none are due at this time.

I certify this engine has been inspected IAW a Annual Inspection and has been determined to be in airworthy condition.

  
Kenneth W. Winburn AP462749925IA





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	
12-2	2015		Tach: 1731.2	Removed plugs, cleaned, inspected, gapped and Reinstalled. Compressions: 1) 72/80 2) 64/80 3) 72/80 4) 74/80. Checked magneto to engine timing. checked and lubed engine controls. Complied with AD 54-02-01. I certify that this engine Prop has been Inspected in accordance with an Annual Inspection and was determined to be in Airworth Condition. Jess Parker <i>[Signature]</i> A+P 3403913 IA

Date: 1/17/17

Registration: N8214C

Model: Lycoming O290-D2 S/N: 7135-21

Tach Hrs: 1737.94

Eng TT: 1737.94

Eng. TSMOH: 544.94

Completed 100 Hour / Annual Inspection of engine per FAR 43, App D. Checked cylinder compression: 1) 76/80. 2) 70/80, 3) 72/80, 4) 72/80.. Cleaned and gapped spark plugs and replaced copper gaskets. Drained engine oil and inspected metal screens. Added 7 Qts, AeroShell W100 oil and 8 oz. CamGuard. Checked magneto timing to engine. Inspected muffler and exhaust. Installed new engine oil cooler hoses. Installed new engine shock mounts P/N 60883. C/W AD 54-02-01 by setting magneto timing per requirements of AD. C/W AD 98-01-06 by replacement of venturi with one-piece, P/N 46-F-11. Repetitive inspection no longer required. C/W AD 93-19-04 by installing new float kit P/N 666-1000. Cleaned engine and cowling. Inspected carb air box. Lubricated engine controls and checked travel stops. Replaced engine air filter BA-13. Engine ground check run for mag drop and static rpm. Performed leak check of all components.

CONT. NEXT PAGE



Date: 2/6/18

Registration: N8214C

Tach Hrs: 1743.1

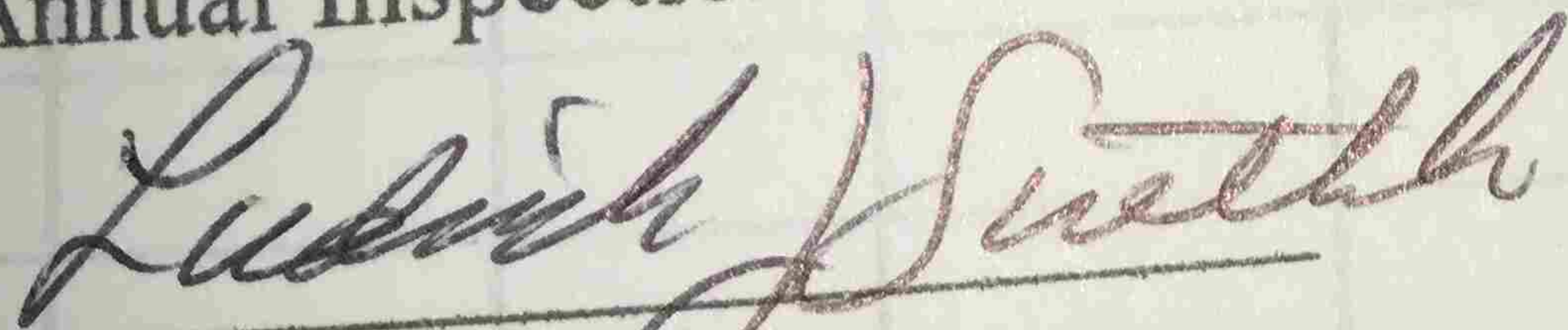
Model: Lycoming O290-D2 S/N: 7135-21

Eng TT: 1743.1

Eng. TSMOH: 550.1

Completed 100 Hour / Annual Inspection of engine per FAR 43, App D. Checked cylinder compression: 1) 73/80. 2) 72/80, 3) 72/80, 4) 74/80.. Cleaned and gapped spark plugs and replaced copper gaskets. Drained engine oil and inspected metal screens. Added 7 Qts, AeroShell W100 oil and 8 oz. CamGuard. Checked magneto timing to engine. C/W AD 54-02-01 by setting magneto timing per requirements of AD. Cleaned engine and cowling. Inspected carb air box. Lubricated engine controls and checked travel stops. Replaced engine air filter BA-13. Engine ground check run for mag drop and static rpm. Performed leak check of all components.

I certify that this engine has been inspected in accordance with a 100 HR / Annual Inspection and is determined to be in airworthy condition.

  
Ludvik J. Svetlik

A&P/IA 3435603

Date: 4/9/19

Registration: N8214C

Tach Hrs: 1761.1

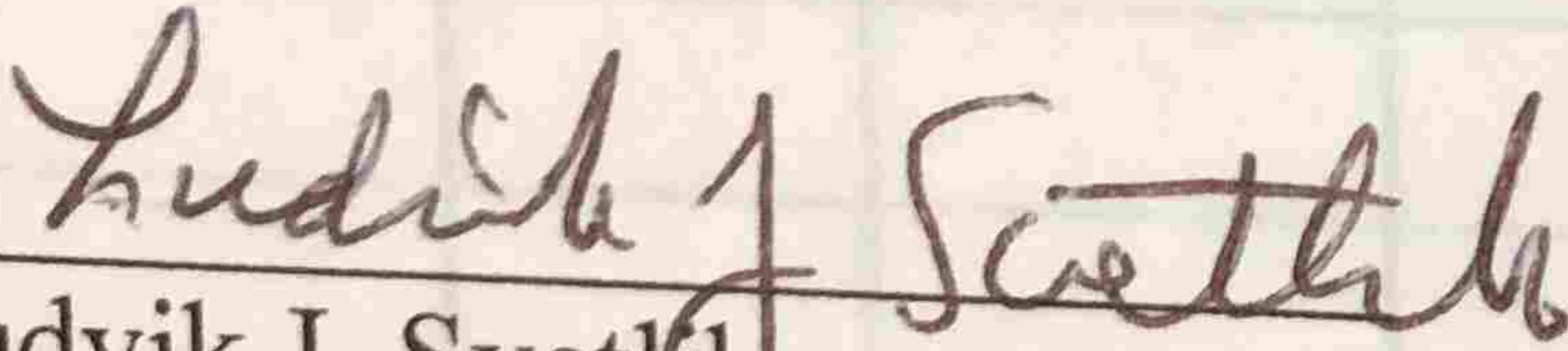
Model: Lycoming O290-D2 S/N: 7135-21

Eng TT: 1761.1

Eng. TSMOH: 568.1

Completed 100 Hour / Annual Inspection of engine per FAR 43, App D. Checked cylinder compression: 1) 73/80. 2) 70/80, 3) 72/80, 4) 73/80.. Cleaned and gapped spark plugs and replaced copper gaskets. Drained engine oil and inspected metal screens. Added 7 Qts, AeroShell W100 oil and 12 oz. CamGuard. Checked magneto timing to engine. C/W AD 54-02-01 by setting magneto timing per requirements of AD. Cleaned engine and cowling. Inspected carb air box. Lubricated engine controls and checked travel stops. Replaced engine air filter BA-13. Engine ground check run for mag drop and static rpm. Performed leak check of all components.

I certify that this engine has been inspected in accordance with a 100 HR / Annual Inspection and is determined to be in airworthy condition.

  
Ludvik J. Svetlik

A&P/IA 3435603