



*The Standard*  
**ENGINE LOG**

ASA-SE-2

ENG-3

**Engine Record** General Information

Manufacturer Lycoming

Model IO 360 A1B6D

Serial RL-18317-S1A

Type Certificate

This engine is currently installed in aircraft:

Minimum Octane Fuel

Oil Grade Summer

Winter

Magneto Time

Point Setting

Firing Order

Spark Plug Gap

Manufacturer's Recommended Overhaul at \_\_\_\_\_ hours

## WARRANTY

All engines warranted against defect in material and workmanship to 240 hours or 12 months whichever occurs first, to include parts and labor. An additional pro-rated warranty to TBO will be based on a minimum of 40 hours per month usage. All parts and labor to be approved by One Stop Aviation prior to commencement of work. Cracked cylinders and crankcase excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed. Accessory items to be warranted by vendor of such items.

ONE STOP AVIATION, INC.  
FAA Repair Station #XR3R981L  
3012 Halladay  
Santa Ana, CA 92705  
(714) 432-9197



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DATE

19

RECORDING  
TACH  
TIME

FLIGHT

TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**  
 Entries must be endorsed with Name, Rating and Certificate Number of  
 Technician or Repair Facility. (See back pages for other specific entries.)

Type: IO-360-A1B6D

RL 1831751A

3-31-98

QTY	PART NO.	DESCRIPTION	QTY	PART NO.	DESCRIPTION
4	SL 13923A	rod bushing	8	60828	piston pin plug
4	AL 74241SC+10	ring comp	8	MS 13997-3	keeper
1	AL 16740	valve exhaust	8	SL 72050	keeper
4	AL 10207+10	piston	8	REM38E	spark plug
8	AL 11796	spring outer	4	AL 73810	c/w bushing
8	AL 11797	spring inner	2	SL 14W21696	roller
2	SL 13884	bearing main frt.	2	SL 72797	roller
4	SL 11020	bearing main	1	MS 16625-1081	ring
8	SL 13212M03	rod bearing	1	STD 2168	nut
8	75060	rod bolt	4	SL 67114	r/a bushing
8	AL 12186	rod nut	4	74389	bushing
8	SL 14820	c/w circlip	1	LW 15473	fuel pump
3	SL 31HO.88	idler bolt	1	SL 53E19600	vernatherm
1	AL 05K19423S	o/p kit	4	MS 13998-3	rotor cap
1	AS 11754	camshaft	1	72877	lifter reground
1	SL 61084	oil pressure spring	1	76121	tac shaft recon.
1	SL 1028-B	ball oil pressure	1	72801	c/w recon.
1	SL 12944	gasket kit	3	LW 18265	F/I nozzle u/s
1	SL STD 2213	crank bolt	1	LW 12098-4-390	F/I line u/s
4	SL STD 2180	hose r/drain			

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE 04/12/98 ENG. SN#RL18317-51A ENGINE TT 1883.6 SOH 0  
ENGINE IO360A1B6D N# 2029Q TACH TIME 3425.60 HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS FOR ~~REPAIR~~ / ANNUAL INSPECTION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
R&R ENGINE OIL COOLER REMOVED FOR CLEAN & FLUSH AND REINSTALLED (SEE YELLOW TAG) MAGNETO REMOVED FOR OVERHAUL (SEE YELLOW TAG) AND THEN REINSTALLED			
R&R HOSES R&R #1 CYLINDER BAFFLE R&R MIXTURE, THROTTLE CABLES P/N C299505-0401, C299507-0402 INSTALLED OIL FILTER P/N CH48103 AND SERVICED WITH 8 QTS AEROSHELL MINERAL OIL			

SIGNED *Michael Hoffman* CERT # 546 827270 IA

SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714) 852-8420

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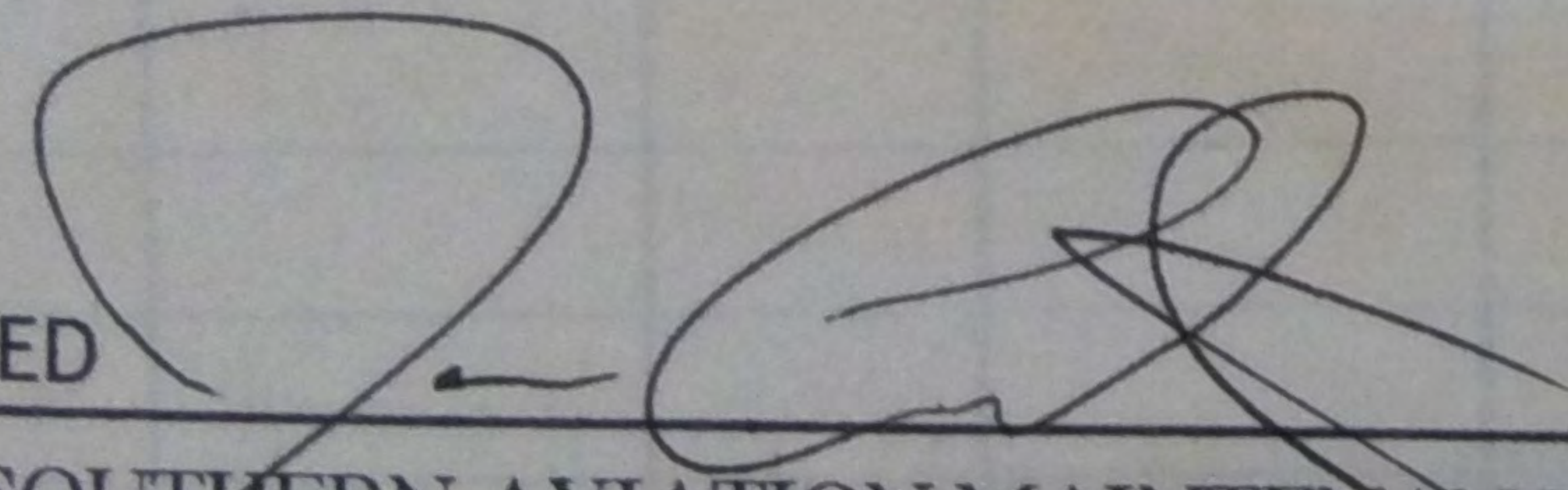
DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				

DATE 06/27/98 ENG. SN#RL18317-51A ENGINE TT 1902.0 SOH ~~14.10~~ 18.4  
 ENGINE IO360A1B6D N# 2029Q TACH TIME 3444.00 HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS  
 [REDACTED] AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK  
 #1 75/80 #2 73/80 #3 75/80 #4 73/80  
 R&R OIL & FILTER P/N CH48103  
 SERVICED WITH 8 QTS AEROSHELL 50 N/D  
 CLEANED & GAPPED ALL SPARK PLUGS  
 R&R FUEL SERVO P/N 2524054-1  
 (SEE YELLOW TAG)  
 R&R FUEL INJECTOR LINE

AD COMPLIANCE METHOD NEXT DUE

SIGNED 

CERT # A+P562295826

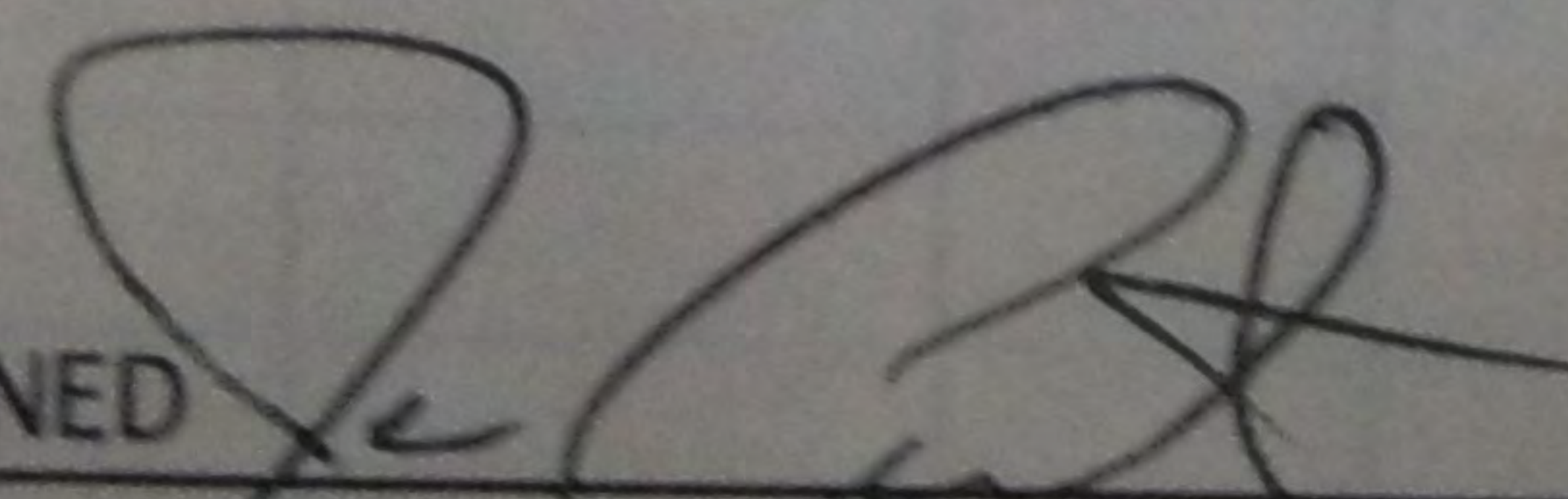
SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714)852-8420

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE 07/25/98    ENG. SN#RL18317-51A    ENGINE TT 1951.6    SOH ~~63.70~~ 680  
ENGINE IO360A1B6D    N# 2029Q    TACH TIME 3493.60    HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS FOR [REDACTED] AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
#1 75/80 #2 78/80 #3 75/80 #4 76/80 R&R OIL & FILTER P/N CH48103 SERVICED WITH 8 QTS AEROSHELL NONDETERGENT OIL CLEANED & GAPPED ALL SPARK PLUGS ADJUSTED IDLE & IDLE MIXTURE R&R #3 CYLINDER PUSH TUBE SEAL P/N LW-18661 & 66732			

SIGNED 

CERT # A+PS6229582C

SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714) 852-8420

DATE	RECORDING TACH TIME	DAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE 05/10/99 ENG. SN#RL18317-51A ENGINE TT 1975.6 SOH ~~87.70~~ 92.0  
 ENGINE IO360A1B6D N# 2029Q TACH TIME 3517.60 HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS FOR ~~ANNUAL~~ ANNUAL INSPECTION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
#1 75/80 #2 75/80 #3 75/80 #4 75/80	78-09-07	INSP. MAGNETO'S	3925.6
R&R OIL & FILTER P/N CH48103	79-12-07	BENDIX MAGNETOS	3925.6
SERVICED WITH 8 QTS AEROSHELL 100W	82-11-05	BENDIX MAGNETOS	3925.6
CLEANED & GAPPED ALL SPARK PLUGS	91-14-22	CRANKSHAFT GEAR RETAINING	due at o/h
RESEALED #2 CYLINDER PUSH ROD TUBES &	93-02-05	INSP. FUEL INJ. LINES	3525.6
INSTALLED NEW COVER GASKET P/N 67193	98-17-11	CRANKSHAFTS	n/a no repairs
R&R AIR FILTER P/N BA8	98-18-12	TORQUE CHECK INSPECTION	N/A/BY P/N

SIGNED *Michael Hoffman* CERT # *546827270 IA*  
 SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (949)852-8420

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
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DATE 06/17/00    ENG. SN#RL18317-51A    ENGINE TT 2017.7    SOH ~~129.80~~ 134.1  
ENGINE IO360A1B6D    N# 2029Q    TACH TIME 3559.70    HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS FOR [REDACTED] / ANNUAL INSPECTION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTON OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
#1 76/80 #2 75/80 #3 78/80 #4 75/80 R&R OIL & FILTER (CH4810). SERVICED WITH 8QTS AEROSHELL 100W. CLEANED & GAPPED ALL SPARK PLUGS. REMOVED EXHAUST FOR REPAIR BY BETT'S MOBILE FUSION & REINSTALLED. REMOVED #1 & #2 OIL RETURN LINES, REPOSITIONED & REINSTALLED.	78-09-07	INSP. MAGNETO'S	3925.6
	79-12-07	BENDIX MAGNETOS	3925.6
	82-11-05	BENDIX MAGNETOS	3925.6
	91-14-22	CRANKSHAFT GEAR RETAINING	DUE AT O/H
	93-02-05	INSP. FUEL INJ. LINES	3659.7

INSPECTOR *Michael R. [Signature]*    CERT # 546827270 JA    RS#  
SOUTHERN AVIATION MAINTENANCE, INC 19711-B CAMPUS DRIVE SANTA ANA 92707 (949)852-8420

DATE  
19  
RECORDING  
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TODAYS  
FLIGHT  
TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**  
 Entries must be endorsed with Name, Rating and Certificate Number of  
 Technician or Repair Facility. (See back pages for other specific entries.)

AMERICAN AIRCRAFT MAINTENANCE, INC. 19711-B CAMPUS DRIVE SANTA ANA, CA 92707 (949)852-8420 CRS# Z5SR421Y



DATE	08/10/01	ENG. SN#	RL-1831751A	ENGINE TT	2056.30	SOH	<del>108.40</del> 172.7
ENGINE	IO-360	N#	N2029Q	TACH TIME	3598.30	HOBBS	

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND OR INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DESCRIPTION OF WORK

ANNUAL INSPECTION COMPLIED WITH AS PER CESSNA 177 SERVICE MANUAL. #1 74/80 #2 76/80 #3 76/80 #4 76/80. R&R OIL & FILTER (CH48103). SERVICED WITH 7 QTS AEROSHELL 100W. CLEANED & GAPPED ALL SPARK PLUGS. TIGHTENED #3 OIL RETURN ELBOW. R&R 1 SPARK PLUG (RHM38E). RETIMED MAGNETOS.

AD	COMPLIANCE METHOD	NEXT DUE
76-07-12	BENDIX SWITCHES	3698.30
79-12-07	BENDIX MAGNETOS	3952.60
82-11-05	BENDIX MAGNETOS	3925.60
91-14-22	CRANKSHAFT GEAR RETAINING BOLT	DUE AT O/H
93-02-05	FUEL INJECTION LINES	3698.30
96-12-07	IMPULSE COUPLINGS	3925.60

INSPECTOR

WORK ORDER #

13029



DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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TIGHTENED ALTERNATOR BELT. TIGHTENED DRIVE SCREWS HOLDING ENGINE DATA TAG.  
 INSTALLED NEW LINE FOR ENGINE DRIVEN FUEL PUMP OVERBOARD VENT. DRILLED HOLE  
 IN CRANKCASE BREATHER LINE FOR FREEZE-OVER PROTECTION. RESET MAG E GAP AND  
 TIMED MAG TO ENGINE. RUN UP, LEAK CHECK, AND OPS CHECK OK. I CERTIFY THAT  
 THIS POWERPLANT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO  
 BE AIRWORTHY. *James V. Hendon* IA 523984037

AD's complied with since last inspection by One Stop Aviation:

DATE: 09/12/03  
 MODEL #: LYCOMING IO-360-A1B6D  
 SERIAL #: RL18317-51A

AD NUMBER	SB	DESCRIPTION	METHOD OF COMPLIANCE	SIGN-OFF
98-17-11		Crankshaft Nelson Balancing	N/A by inspection	
2000-18-53		Oil Filter Converter Plate Gasket	N/A by inspection	<i>RS</i>

*RS* XR3R981L *RS*

1	06B23072	oil filter gasket
1	CH48103	oil filter
1		magneto prop strike inspection

A.P. 5700055 - SEE REVERSE FOR DETAILS

ENGINE GROUND RUN-IN SCHEDULE. THE LYCOMING OPERATOR'S MANUAL ASSOCIATED MODEL'S. AIRCRAFT RELEASED FOR TEST FLIGHT.

DANIEL C. HOPPER IA195547

*[Signature]*

**Repairs and Alterations**  
 Certificate Number of (or other specific entries.)

DATE	RECORDING TIME
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03/04/04 N2029Q T  
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 DANIEL C. HOPPER  
*[Signature]*

- 04-02-05 N2029Q TA
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  3. REMOVE WITH NE
  4. CHANGE I. CUT F

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 ACCORDANCE W  
 DETERMINED TO  
 DANIEL C. HOPPER  
 WORK PERFORMED ON  
 6657 LEY PLACE, CALIF

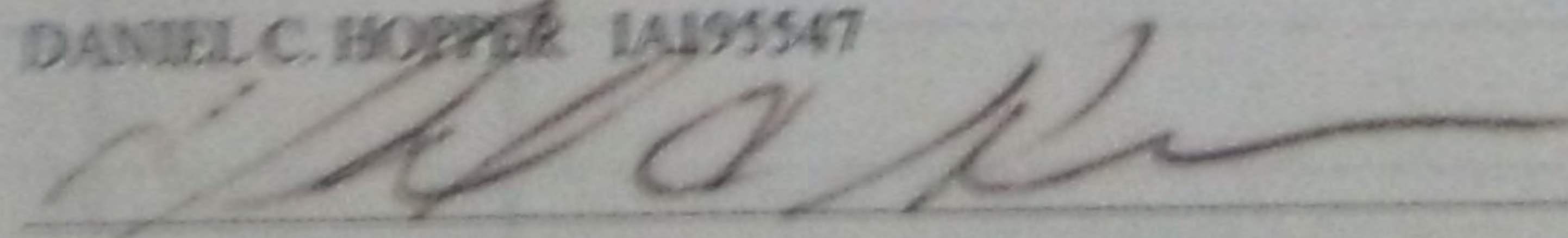
C-360-A196D

PART NUMBER	DESCRIPTION
2 SL 13884A	bearing main fit.
4 SL 11020	bearing main
8 SL 13212A M03	rod bearing
8 SL 75060	rod bolt
8 SL 12186	nut-rod
8 SL 14820	c/w circlip
1 SL 12944	gasket set maj ovh
1 AN 8-14A	crank bolt
4 SL STD 2180	hose r/drain
1 06B23072	oil filter gasket
1 CH48103	oil filter
1	magneto prop strike inspection

A.P. 5760055 • See Reverse for Details

ENGINE GROUND RUN ACCORDING TO LYCOMMING TOP OVERHAUL  
 RUN-IN SCHEDULE. THE LYCOMMING OPERATOR'S MANUAL AND  
 ASSOCIATED MODEL'S.  
 AIRCRAFT RELEASED FOR TEST FLIGHT.

DANIEL C. HOPPER IA195547



Repairs and Alterations  
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DANIEL C. HOP

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 ACCORDANCE  
 DETERMINED

DANIEL C. HOP

WORK PERFORMED  
 6657 LEY PLACE, C

# RAC

9037 Satinwood • California City, CA 93505  
(760) 373-3321

## LOG BOOK ENTRY

The accessory(ies) identified were in accordance with current regulations of the F.A.A. and is approved for return to service.

- Tested
- Repaired
- Overhauled

Details of work performed are on file at:

**RAC** W.O. # 6674  
Part # 10-382555-11 S. # 223426

*Run*  
A.P. 5760633 • See Reverse For Details

ENGINE GROUND RUN ACCORDING TO LYCOMMING TOP OVERHAUL RUN-IN SCHEDULE. THE LYCOMMING OPERATOR'S MANUAL AND ASSOCIATED MODEL'S. AIRCRAFT RELEASED FOR TEST FLIGHT.

DANIEL C. HOPPER IA195547

*[Signature]*

Repairs and Alterations  
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DANIEL C. HOPPER

*[Signature]*

04-02-05 N2029Q TAC

1. COMPRESSOR
2. COMPLIED
3. REMOVED S  
WITH NEW
4. CHANGED C  
1. CUT FILT

I CERTIFY THAT THE  
ACCORDANCE WITH  
DETERMINED TO BE

DANIEL C. HOPPER I

WORK PERFORMED ON THE  
6657 LEY PLACE, CALIFORN

MAINTENANCE RELEASE

9/12/03

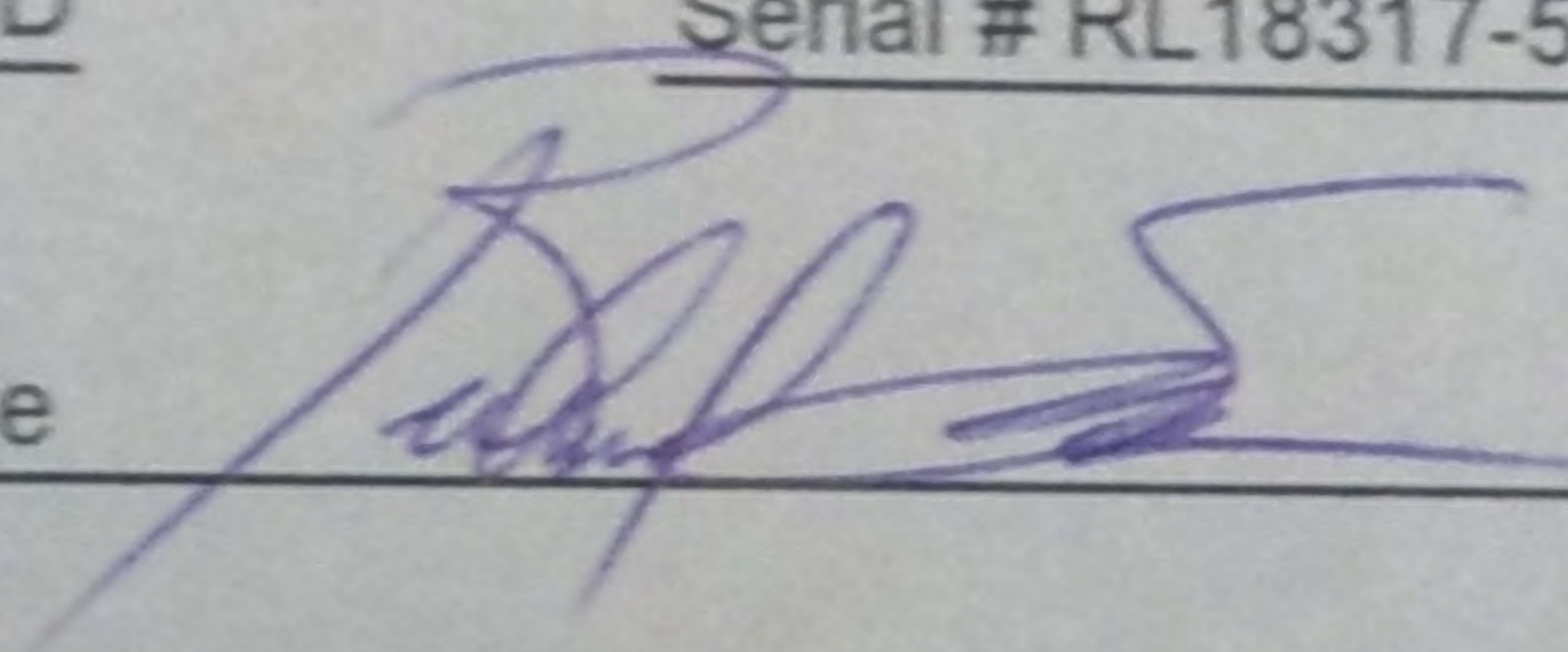
Disassemble engine & inspect for propeller strike. Magnaflux crankshaft & all steel parts. Zyglo case. Recertify cranksaft. Check for hidden damage. None Found. Replace rod nuts & bolts. Replace main & rod bearings. Replace seals, gaskets, & c/w parts. Magneto inspection. See listed parts. All current AD's complied with. Reassemble engine, ready for installation.

WO #20254 on file at: One Stop Aviation, Inc.  
FAA Repair Station XR3R981L  
1119 S. Cleveland Street  
Oceanside, CA 92054

Model # IO-360-A1B6D

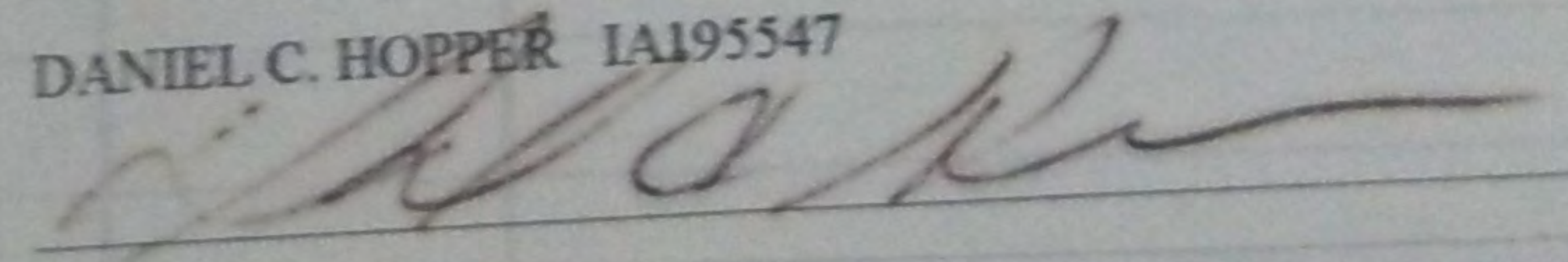
Serial # RL18317-51A

Authorized representative



ENGINE GROUND RUN ACCORDING TO LYCOMMING TOP OVERHAUL RUN-IN SCHEDULE. THE LYCOMMING OPERATOR'S MANUAL AND ASSOCIATED MODEL'S AIRCRAFT RELEASED FOR TEST FLIGHT.

DANIEL C. HOPPER IA195547



Repairs and Alterations  
(and Certificate Number of  
for other specific entries.)

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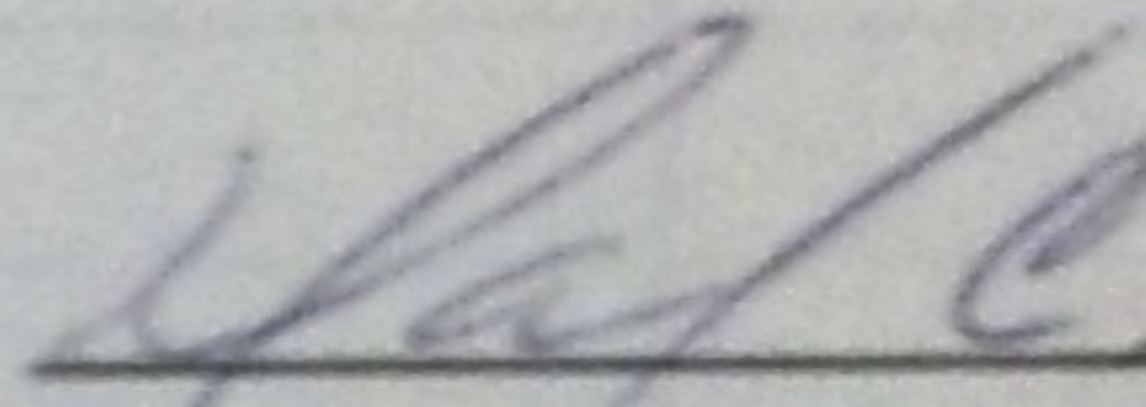
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03-04-04 N2029Q TTSMC

AD'S COMPLIED WITH

I CERTIFY THAT THIS  
WITH AN ANNUAL INSPECTION  
AIRWORTHY CONDITION

DANIEL C. HOPPER IA195547



04-02-05 N2029Q TAC TIME

1. COMPRESSION
2. COMPLIED WITH
3. REMOVED SPARK PLUGS WITH NEW. RH
4. CHANGED OIL & L. CUT FILTER,

I CERTIFY THAT THIS  
ACCORDANCE WITH AN  
DETERMINED TO BE IN A

DANIEL C. HOPPER IA 195547

WORK PERFORMED ON THIS ENGINE  
6657 LEY PLACE, CALIFORNIA CA 92054

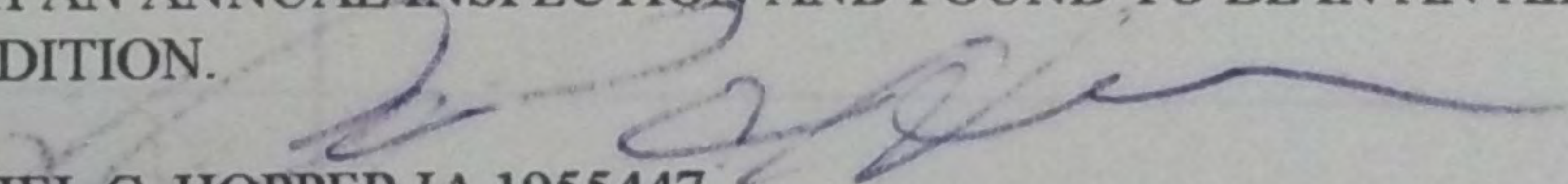
RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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01/06/04 TTSMOH 314.6

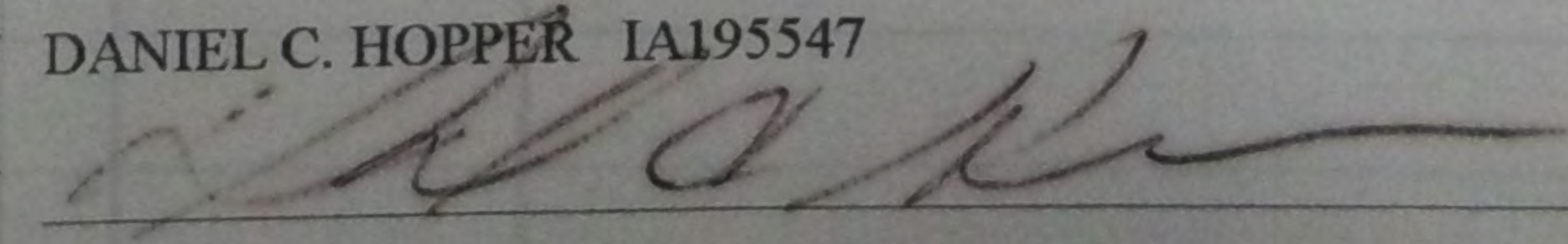
REMOVED AND REPLACED OVERHAULED MUFFLER, SERVICE TAGS IN LOG BOOK RECORDS, REMOVED AND REPLACED ENGINE, TEAR DOWN INSPECTION BY ONE STOP AVIATION INC. PAPER WORK IN A/C RECORDS. MAGNETO TESTED AND REPAIRED BY TAC. LOG BOOK ENTRY. USED 8 QTS OF AEROSHELL MINERAL OIL REPLACED SCAT TUBES. REPLACED PRIMARY HOSES ON ENGINE. USING AEROQUIP 303-4, 303-6, AND 303-3 HOSE. REPLACED FITTING ON HOSE USING 491-6 FITTING. REMOVED, CLEANED, GAPPED AND REPLACED SPARK PLUGS, USING AN4027-2 SPARK PLUG GASKETS.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION.

  
DANIEL C. HOPPER IA 1955447

01/10/2004

ENGINE GROUND RUN ACCORDING TO LYCOMMING TOP OVERHAUL RUN-IN SCHEDULE. THE LYCOMMING OPERATOR'S MANUAL AND ASSOCIATED MODEL'S. AIRCRAFT RELEASED FOR TEST FLIGHT.

DANIEL C. HOPPER IA195547  


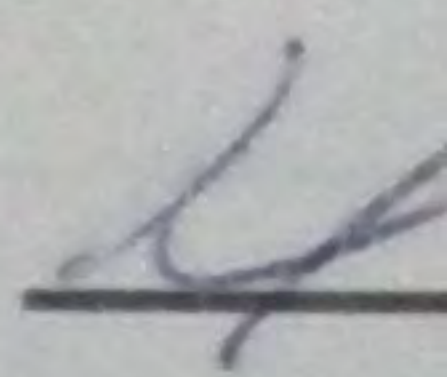
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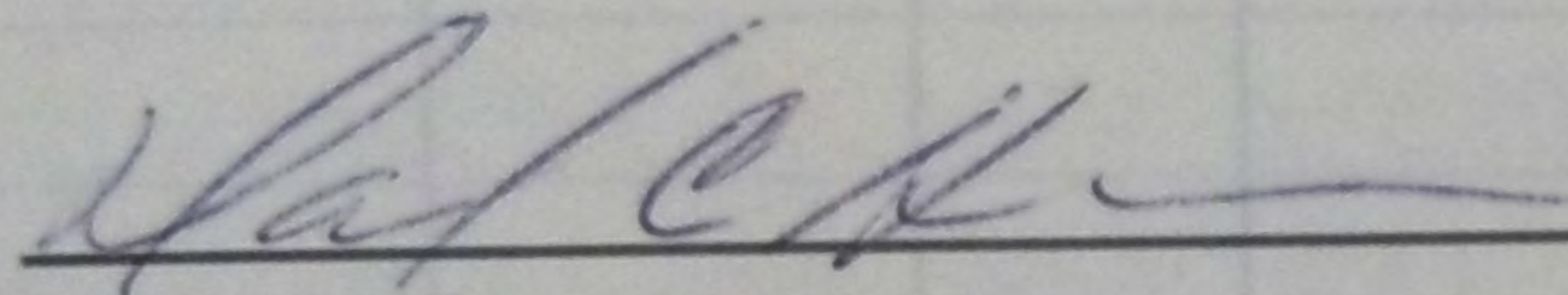
DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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03/04/04 N2029Q TTSMOH 316.1 TTSN 2199.7

AD'S COMPLIED WITH 93-02-05.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE  
WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN  
AIRWORTHY CONDITION.

DANIEL C. HOPPER IA1955447



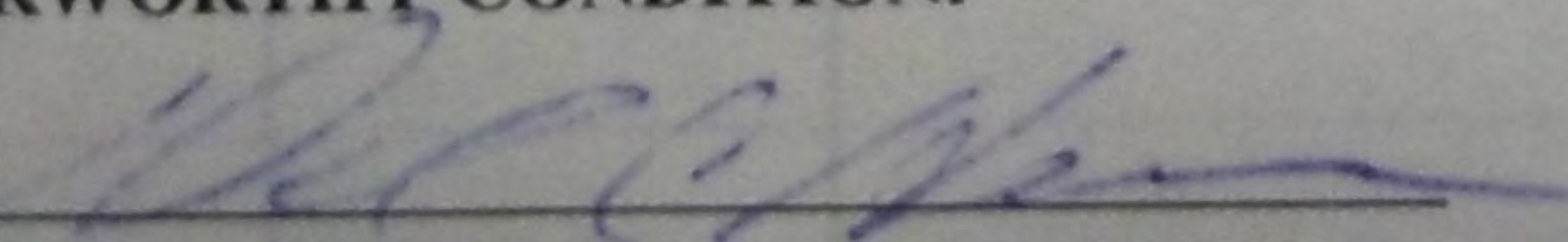
**D & T AIRCRAFT, INC.**

04-02-05 N2029Q TAC TIME 3788.3 TTSMOH 364.7

1. COMPRESSION #1 80/80, #2 79/80, #3 70/80, #4 76/80
2. COMPLIED WITH AD 93-02-05
3. REMOVED SPARKPLUGS, CLEANED AND REPLACED 4  
WITH NEW. RHM 38E.
4. CHANGED OIL USING AEROSHELL 100W. FILTER CH-48103-  
1. CUT FILTER, NO CONTAMINANTES NOTED.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN  
ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN  
DETERMINED TO BE IN AN AIRWORTHY CONDITION.

DANIEL C. HOPPER IA 1955447



WORK PERFORMED ON THIS ENGINE IS ON FILE AT D & T AIRCRAFT, INC.  
6657 LEY PLACE, CALIFORNIA CITY, CA 93505 760-373-4664

DATE 2006	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/7/06	TAEH	3807.0	TTSMOH 384.4	<p>I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HR/ANNUAL INSPECTION PROCEDURES AND FOUND TO BE IN AIRWORTHY CONDITION. COMPRESSION 1-78/80, 2-78/80, 3-74/80, 4-78/80, SERVICED PLUGS, CHANGED OIL SHELL 100W, OIL FILTER CH48103-1, C/W AD 93-02-05 APPROVED TO RETURN TO SERVICE. <u>Butcher 12880761A</u></p>
11/1/07	TAEH	3855.3	TSMOH 429.7	<p>I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HR/ANNUAL PROCEDURES AND FOUND TO BE IN AIRWORTHY CONDITION. COMPRESSIONS: 1-70, 2-72, 3-70, 4-76. CHANGED OIL &amp; INSTALLED O/S 100W OIL &amp; FILTER 48103-1, C/W A/D 93-02-05 BY INSPECTION. CHECKED TIMING, INSTALLED SKY-TEC STARTER P/N 149-NL, INSTALLED NEW RHMBBE SPARK PLUGS, REPLACED BRACKET AIR FILTER ELEMENT, TIGHTENED DIP STICK TUBE EXTENSION AND RE-SAFETY WIRED. NO OUTSTANDING AND FOUND.</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT
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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 Technician or Repair Facility. (See back pages for other specific entries.)
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N2029Q  
S/N: RL18317-51A  
MODEL: IO-360-A1B6D  
TACH TIME: 3883.5



DATE: 12-18-08  
W.O. #: 17329  
TSMOH: 457.9

**ENGINE LOG**  
2980 AIRWAY AV., COSTA MESA, CA 92626  
TEL: 714-433-2275  
FAA APPROVED REPAIR STATION # JVYR016L

**THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.**

SIGNED: \_\_\_\_\_

C/W ANNUAL INSPECTION IAW CESSNA SERVICE AND MAINTENANCE MANUAL.
COMPRESSION CHECKED. 1. 79/80 2. 75/80 3. 75/80 4. 79/80
SERVICED WITH 8 QTS OF A/S 100W AND CH48103-1 OIL FILTER. AOA TAKEN.
ENGINE WASHED, RUN UP & INSPECTED. OPERATIONAL CHECKED SATISFACTORY.
CLEANED #1 AND #4 CYLINDERS PUSH ROD HOUSING SEALS AFTER RUN UP. CHECKED OK.
CLEANED #3 AND #4 CYLINDERS ROCKER COVER SEALS AFTER RUN UP. CHECKED OK.
C/W AD2008-08-14. CHECKED AND TIGHTENED BOTTOM PLUG ON FUEL SERVO. CHECKED OK.
C/W AD2008-05-14. INSPECTED FUEL INJECTOR LINES. CHECKED OK.
R&R SPARK PLUG GASKETS WITH NEW. P/N M674.
C/W ALL ADs THROUGHOUT THIS DATE.

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12-18-08  
17329  
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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N2029Q  
S/N: RL18317-51A  
MODEL: IO-360-A1B6D  
TACH TIME: 3894.2



DATE: 01-22-10  
W.O. #: 18026  
TSMOH: 468.6

**ENGINE LOG**  
2980 AIRWAY AV., COSTA MESA, CA 92626  
TEL: 714-433-2275  
FAA APPROVED REPAIR STATION # JVYR016L

**THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.**

SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA SERVICE AND MAINTENANCE MANUAL.
COMPRESSION CHECKED. 1. 79/80 2. 79/80 3. 65/80 4. 79/80
SERVICED WITH 8 QTS OF A/S 100W AND CH48103-1 OIL FILTER. AOA TAKEN.
ENGINE WASHED, RUN UP & INSPECTED. OPERATIONAL CHECKED SATISFACTORY.
R&R VACUUM SYSTEM FILTER W/NEW. P/N BA5705.
DRILLED AND TAPPED HOLE FOR HELI-COIL THREAD INSERT (5/16-18) AND INSTALLED INSERT ON #3 CYLINDER EXHAUST.
R&R LEFT MUFFLER AND CROSSOVER PIPE W/NEW. P/N 2054000-43 & 2054019-1, RESPECTIVELY. R&R GASKETS W/NEW. P/N MS29513-111, 77611, 71973 & 77695. INSTALLED AS PER SERVICE INSTRUCTION.
C/W ALL ADs THROUGHOUT THIS DATE.

DATE

19

N2029Q  
S/N: RL18317-51A  
MODEL: IO-360-A1B6D  
TACH TIME: 3905.5



DATE: 02-10-11  
W.O. #: 18752  
TSMOH: 479.9

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ENGINE LOG

2980 AIRWAY AV., COSTA MESA, CA 92626  
TEL: 714-433-2275  
FAA APPROVED REPAIR STATION # JYVR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA 177SERVICE AND MAINTENANCE MANUAL.
COMPRESSION VALUES: 1. 79/80, 2. 75/80, 3. 79/80, 4. 79/80
SERVICED WITH 8 QTS OF A/S 100W AND CH48103-1 OIL FILTER. AOA TAKEN. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.
R&R INDUCTION AIR FILTER W/NEW. P/N BA5705.
REMOVED AND REINSTALLED SPARK PLUGS AFTER CLEANED, ROTATED AND GASKETS R&R W/NEW. P/N M674.
C/W ALL ADs THROUGHOUT THIS DATE.

N2029Q  
S/N: RL18317-51A  
MODEL: IO-360-A1B6D  
TACH TIME: 3905.5

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**Description of Inspections, Tests, Repairs and Alterations**  
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N2029Q  
 S/N: RL18317-51A  
 MODEL: IO-360-A1B6D  
 TACH TIME: 3911.0



DATE: 04-17-12  
 W.O. #: 19470  
 TSMOH: 485.4

**ENGINE LOG**  
 2980 AIRWAY AV., COSTA MESA, CA 92626  
 TEL: 714-433-2275  
 FAA APPROVED REPAIR STATION # JVYR016L

**THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.**

SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA MAINTENANCE MANUAL.  
 COMPRESSION VALUES: 1. 76/80, 2. 78/80, 3. 78/80, 4. 78/80  
 SERVICED WITH 8 QTS OF A/S 100W AND CH48103-1 OIL FILTER (1). AOA TAKEN. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.  
 R&R INDUCTION AIR FILTER WITH NEW. P/N BA5705 (1).  
 500 HOUR MAGNETO INSPECTION DUE @ 3925.6 TACH (14.6 HRS REMAIN).  
 R&R SPARK PLUG GASKETS WITH NEW. P/N M-674 (8).  
 R&R #3 EGT PROBE WITH NEW. P/N M-111.  
 SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.  
 C/W ALL ADs THROUGHOUT THIS DATE.


DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b>
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N2029Q  
 S/N: RL18317-51A  
 MODEL: IO-360-A1B6D  
 TACH TIME: 3917.1

DATE: 05-13-13  
 W.O. #: 20115  
 TSMOH: 491.5

**ENGINE LOG**  
 2980 AIRWAY AV., COSTA MESA, CA 92626  
 TEL: 714-433-2275  
 FAA APPROVED REPAIR STATION # JVYR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA 177RG MAINTENANCE MANUAL.  
 COMPRESSION VALUES: 1. 74/80, 2. 76/80, 3. 75/80, 4. 75/80  
 SERVICED WITH 8 QTS OF A/S 100W AND CH48103-1 OIL FILTER (1). AOA TAKEN (1). ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.  
 R&R INDUCTION AIR FILTER WITH NEW. P/N BA5705 (1).  
 500 HOUR MAGNETO INSPECTION DUE @ 3925.6 HOURS (8.5 HOURS REMAINING).  
 R&R SPARK PLUG GASKETS WITH NEW. P/N M674 (8).  
 C/W AD2011-26-04 BY INSPECTION OF FUEL INJECTION LINE IAW PAR (1).  
 SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.  
 C/W ALL ADs THROUGHOUT THIS DATE.

DATE	R
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N2029Q  
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DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
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N2029Q  
S/N: RL18317-51A  
MODEL: IO-360-A1B6D  
TACH TIME: 3917.1



DATE: 06-24-14  
W.O. #: 20704  
TSMOH: 494.4

**ENGINE LOG**  
2980 AIRWAY AV., COSTA MESA, CA 92626  
TEL: 714-433-2275  
FAA APPROVED REPAIR STATION # JVYR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA 177RG MAINTENANCE MANUAL.  
COMPRESSION VALUES:  
1. 74/80, 2. 74/80, 3. 70/80, 4. 76/80  
MASTER ORIFICE: 44  
SERVICED WITH 12 QTS OF A/S 100W AND ( 1 ) CH48103-1 OIL FILTER(S). AOA ( 1 ) TAKEN. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.  
SPARK PLUGS ROTATED AND CLEANED, REPLACED GASKETS WITH NEW, P/N M674 (8)  
C/W AD2011-26-04 BY INSPECTION OF FUEL INJECTION LINE IAW PAR (I).  
SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.  
C/W ALL ADs THROUGHOUT THIS DATE

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 Technician or Repair Facility. (See back pages for other specific entries.)
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11-14-2014 3959.2 TACH CHANGED OIL AND FILTER P/N CH48103-1, SERVICED W/ 8GTS  
AEROSHELL 15W50, GPO RUN LEAK CHECKED GOOD.  
Michael Muchmore AIP 244824188

12-24-2014 3978.0 TACH <sup>05-12-06</sup> c/w AD ~~4478.0~~ <sup>my/m</sup> By Insp of MAQUETO IMPULSE COUPLING y/w  
LYC M3B645. LATEST AD REVISION APPLIES TO 540 SERIES, NO LONGER  
APPLIES TO THIS MODEL Michael Muchmore  
NOTE: c/w 500 hr MAG Insp, NEXT Insp Due 4478.0 TACH (W)

2-26-15 4066  
CHANGED OIL & FILTER P/N CH48103-1,  
SERVICED WITH 10 GTS AEROSHELL 15W50.  
GROUND RUN, LEAK CHECKED GOOD.  
Chris J. Jr

3-23-2015 4022.0 TACH REPLACED FUEL PUMP P/N 40296, S/N 06Q410, OVERHAULLED BY  
AERO ACCESSORIES, CRS YV4R688M, WO 106QY-0000, DATED 6-24-2014.  
GPO RUN, OPERATION AND LEAK CHECKED GOOD. Michael Muchmore  
AIP 244824188

DATE 19 ____	RECORDING TACH TIME	TO FL
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7-2-2015 4057.9 TA

8-23-2015 4082

**Alterations**  
 (Date Number of  
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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-2-2015	4057.9	TACH	635.2	TSOH PERFORMED 100 Hr Insp. i/a/w FAR 43 App. D. CHANGED OIL AND FILTER P/N OH48103-1, SERVICED w/ <del>8</del> 8gts AEROSHELL 15W50. CLEANED GAPED AND ROTATED SPARK PLUGS. CHECKED IGNITION LEADS AND MAGNETO TIMING. REPLACED AIR FILTER P/N BA-5705. REPLACED BOTH FUEL CAP SEALS P/N B100142-1. WSP EXHAUST SYSTEM AND HEATER SHROUD. REPLACED 4ea VALVE COVER GASKETS. CYL. COMP. AT 1.75 2.72 3.75 4.76/80. c/w AD 2011-26-04 By WSP OF FUEL INJECTOR LINES AND CLAMPS. NEXT WSP DUE 4157.9 TACH. REPLACED CRANKSHAFT SEAL w/ P/N LW-11997. REINSTALLED PROP w/ NEW ORNG. ENGINE QRO RUN. SYSTEMS OPERATION AND LEAK CHECKED GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Michael W. Muchmore IA244824188
8-23-2015	4082.3	TACH		REMOVED #2 AND #3 CYL. CLEANING INTAKE GUIDE ON #3 CYL. HADEN BOTH CYL. REINSTALLED WITH NEW COMP RINGS P/N 74241 P10 AND OIL CONTROL RINGS P/N 14H21950 P10. INSTALLED NEW PISTON PIN P/N LW14078 AND PLUGS P/N 72198 <u>CONT</u> -





DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				
10/12/15	4090			CHANGED OIL & FILTER P/N CH48103-1. SERVICED WITH 3 QTS AEROSHELL 100W. Gapped Run/Leak ✓ Mark J. Kunk
7-18-2016	4157.4 TACH	734.7 TSOH		PERFORMED 100hr Insp. 1/4/w FAR 43 App.D, CHANGED OIL AND FILTER P/N CH48103-1, SERVICED w/ 3 qts AEROSHELL 15W50, CLEANED, GAPPED AND ROTATED SPARK PLUGS, INST. NEW GASKETS P/N M674, CHECKED MAG TIMING AND IGN LEADS, REPAIRED LEAD AT #4 UPPER LEAD, CLEANED FUEL NOZZLES AND REINSTALLED, LEAK CHECKED GOOD, c/w AD 2016-28-07 BY INSP OF FUEL W/ LINES, NEXT INSP DUE 4257.4 TACH, REPLACED EXH SYSTEM WITH POWER FLOW SYSTEM STC SA03623AT, KIT NO. PFS-13706, S/N 194, (SEE AIRFRAME ENTRY THIS DATE) Cyl. comp. at 1.75, 2.77 3.75 4.76. REPLACED AIR FILTER w/ CHALLENGER AIR FILTER STC SA01669CH, P/N CP-1177 S/N 16-0368. ENG PRO RUN, SYSTEMS OPERATION AND LEAK CHECKED GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Michael Muckman IA 244824188

DATE	RECORD TACH TIME
19 2014	
9/7/14	4186
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DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
9/7/14	4186			CHANGED OIL & FILTER MACH 48103-1, SERVICED WITH 8 QTS AEROSHELL 100W, GROUNDS RUN LEAK CHECK <i>Chenck &amp; K</i>
2/13/17	4232			CHANGED OIL & FILTER CH 48103-1, SERVICED WITH 8 QTS AEROSHELL 100W. GROUNDS RUN LEAK CHECK <i>Chenck &amp; K</i>
4-17-2017	4257.6 TACH			REPLACED MAGNETO POINTS P/N ES10-382585, TIMED MAGNETO, GRO RUN AND OPERATION CHECKED GOOD. <i>Michael Muchmore A/P 244824188</i>
8-2-2017	4278.1 TACH 855.4 TSOH			PERFORMED 100HR INSP I/A/W FAR 43 APP. D. CHANGED OIL AND FILTER P/N CH48103-1, SERVICED W/ 8 QTS AEROSHELL 100W, CLEANED GAPPED AND ROTATED SPARK PLUGS, CHECKED MAG TIMING AND IGNITION LEADS, CLEANED FUEL NOZZLES, REINSTALLED AND LEAK CHECKED. c/w AD 2015 <del>24</del> -07 BY INSP OF FUEL LINES. NEXT INSP DUE 4378.1 TACH. CLEANED AND INSP. AIR FILTER, cyl. comp AT 1.76 2.75 3.72 4.71/80, ENGINE GRO RUN SYSTEMS OPERATION AND LEAK CHECKED GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>Michael Muchmore IA 244824188</i>

I 1	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 Technician or Repair Facility. (See back pages for other specific entries.)
16	11-15-17	4292.2	TARD		INSTALLED REIFF PREHEAT OIL Sump Heater Sump P/N 08-00688. SERVICED WIRING AND TESTED GOOD. INST. DIAGRAM DOC NO. HS-2016-10, doc.  Michael Newkome A:P244824188
7	4/28/18	4312			CHANGED OIL & FILTER CH 48103-1, SERVICED WITH 8QTS ARROSHELL 15W-50. GROUND RUN LEAK CHECKED. Chuck J. Kim
	4/28/18	4335			CHANGED OIL & FILTER CH 48103-1, SERVICED WITH 8QTS ARROSHELL 15W-50. GROUND RUN LEAK CHECKED. Chuck J. Kim
	9/15/18	4368			CHANGED OIL & FILTER CH 48103-1, SERVICED WITH 8QTS ARROSHELL 15W-50. GROUND RUN LEAK CHECKED. Chuck J. Kim

DATE 19
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OS-00688

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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 Technician or Repair Facility. (See back pages for other specific entries.)
10-1-2018	4368.1	TACH	945.4 TSOH	<p>PERFORMED 100HR Insp w/ FAA 43 APP D, CLEANED GAPPED AND ROTATED SPARK PLUGS. REPLACED 190 HARNESS w/ P/N 10-821414-6, O/H BY KELLY ACROSPACE, NO KES1804-174 DATED 4-23-18, ORS 9KJR356C, LABED EXH slip joints w/ ANTIBREEZE w/ POWER FLOW INSTALLATION, CHECKED MAP TIMING, CLEANED AND INSPECTION INDUCTION FILTER, CLEANED FUEL NOZZLES, w/ AD45-13-07 BY INSPECTION OF FUEL LINES, NEXT INSPECTION DUE 4468.1 TACH, OYL. COMP AT 1.76 2.76 3.73 4.76/80, INSPECTION EXH AND CABIN HEAT SYSTEMS. ENG PAD RUN, SYSTEMS OPERATION AND LEAK CHECKED GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>Michael Muchmore IA244824188</p>
3/10/2019	4368			<p>Changed oil &amp; filter CH 48103-1. Service with 3 QTS Phillips 20W/50 of Langston Ground Run &amp; leak checked Chris J. [Signature]</p>

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
2019				
8/9/19	4425			Changed oil & filter CH48103-1. Service with 8475 Phillips 20W/50 & Cam Guard. Mineral Pump Tank checked. <i>Chenck J. Kim</i>
11-8-2019	4439.9 TACH	1017.2 TSOH		PERFORMED 100 HR Insp 1/A/W FAR 43 app. D, CLEANED, GAPPED AND ROTATED SPARK PLUGS, CHECKED MAGNETO TIMING AND IGN LEADS, CLEANED INDUCTION FILTER, LUBED EXHAUST SLIP JOINTS W/ ANTISIEZE 1/A/W POWERFLOW INSTRUCTIONS, REINSTALLED EXHAUST W/ NEW GASKETS P/N RATT611, CLEANED FUEL NOZZLES AND LEAK CHECKED, O/W AD2015-19-07 BY Insp OF FUELLINES, NEXT Insp DUE 4539.9 TACH, Cyl. comp AT 1.74 2.75 3.74 4.76/80, ENG 920 RW, SYSTEMS OPERATION AND LEAK CHECKED GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>Michael Muchmore IA244824188</i>

DATE	RECORDING TACH TIME
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	8/3/2020
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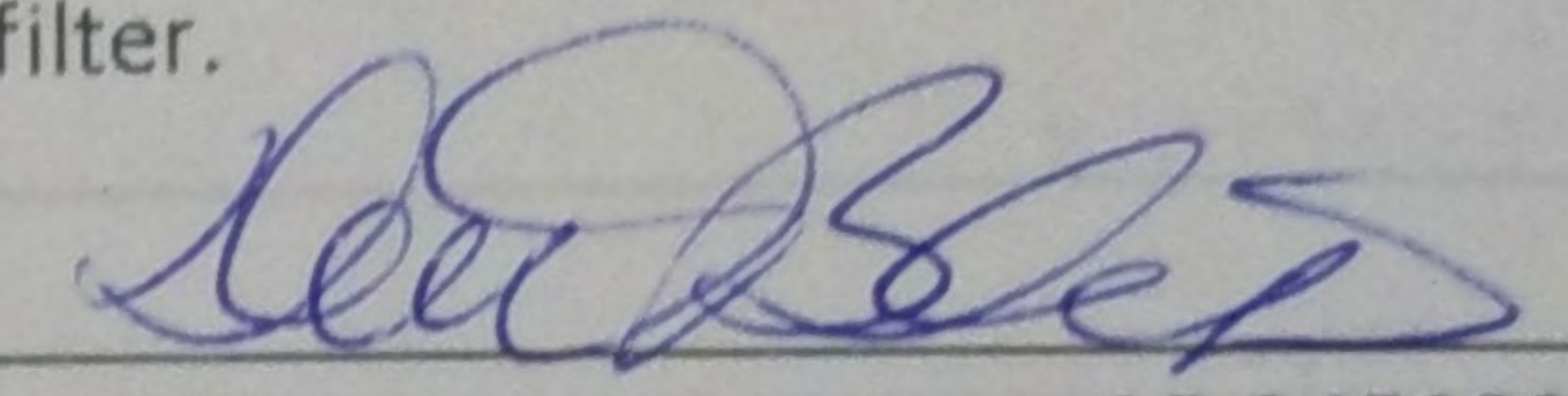
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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

8/3/2020				Wingnuts Aviation, LLC. N2029Q
Tach: 4,459.40				4428 Airport Road IO-360-A1B6D
				Springfield, TN 37172 S/N RL-18317-51A

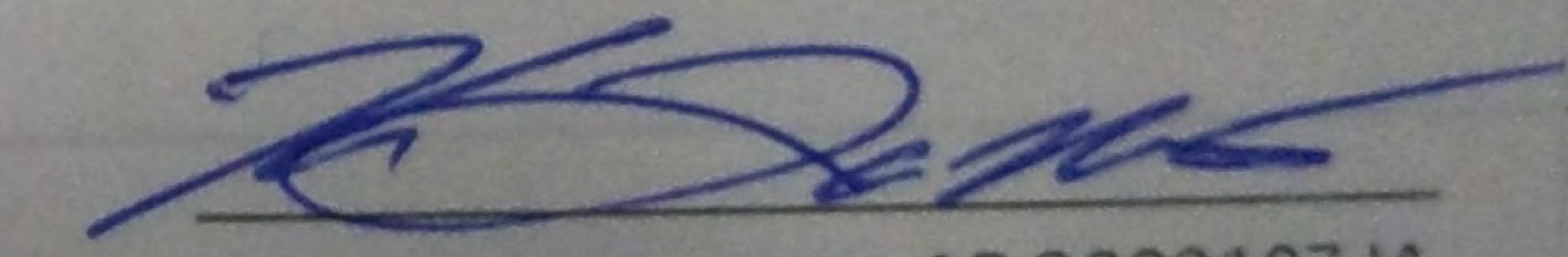
- 1 Drained oil, removed and inspected filter; no metal found. Installed AA48103-2 filter and serviced engine with 7 quarts Aeroshell w100 oil.
- 2 Relocated EGT probes from cylinder 4 to 2. Removed, cleaned, reinstalled cylinder 4 fuel injector and checked flow comparing distribution. Inspected cylinder 4 valve guide play.
- 3 Removed, recharged (oiled) and reinstalled induction air filter.
- 4 Engine run up completed, all systems satisfactory.



David Bliss AP 3456094 IA

August 20, 2020				Wingnuts Aviation, LLC. N2029Q
Tach: 4,465.40				4428 Airport Road IO-360-A1B6D S/N RL-18317-51A
SMOH:				Springfield, TN 37172 Eng TT:

- 1 Replaced IO-360-A1B6D-CYL, SN 52600 cylinder 4 with overhauled unit from Penn Yan Aero, WO 52600-20.
- 2 Engine run up completed, all systems satisfactory.



Kyle LaMontagne AP 3889107 IA



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tries.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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10/19/2020

Tach: 4,491.90

SMOH: 1069.2

Wingnuts Aviation, LLC.

4428 Airport Road

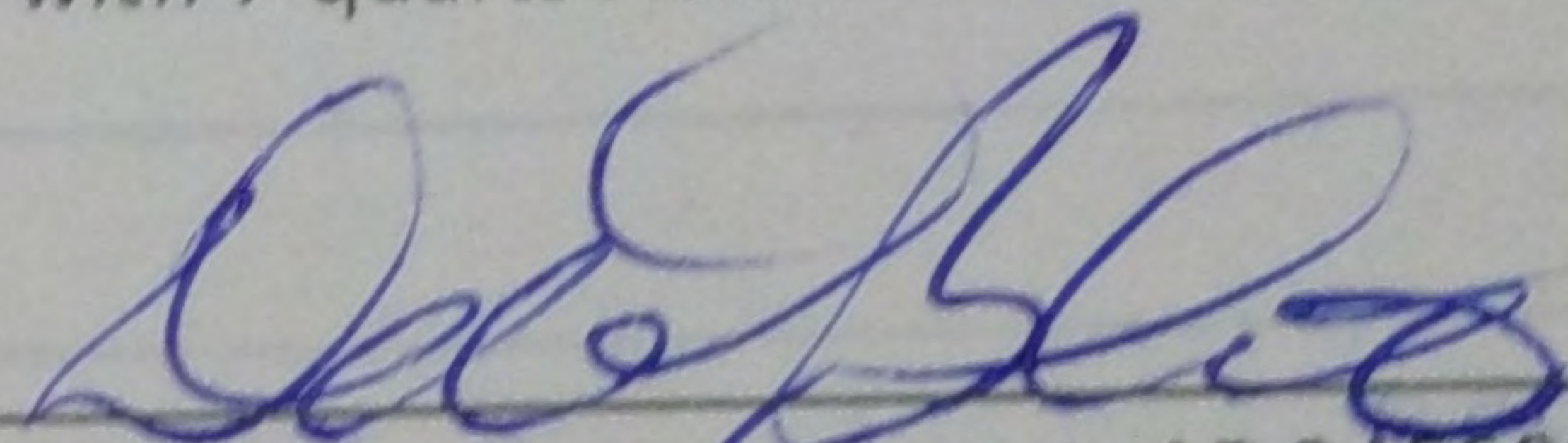
Springfield, TN 37172

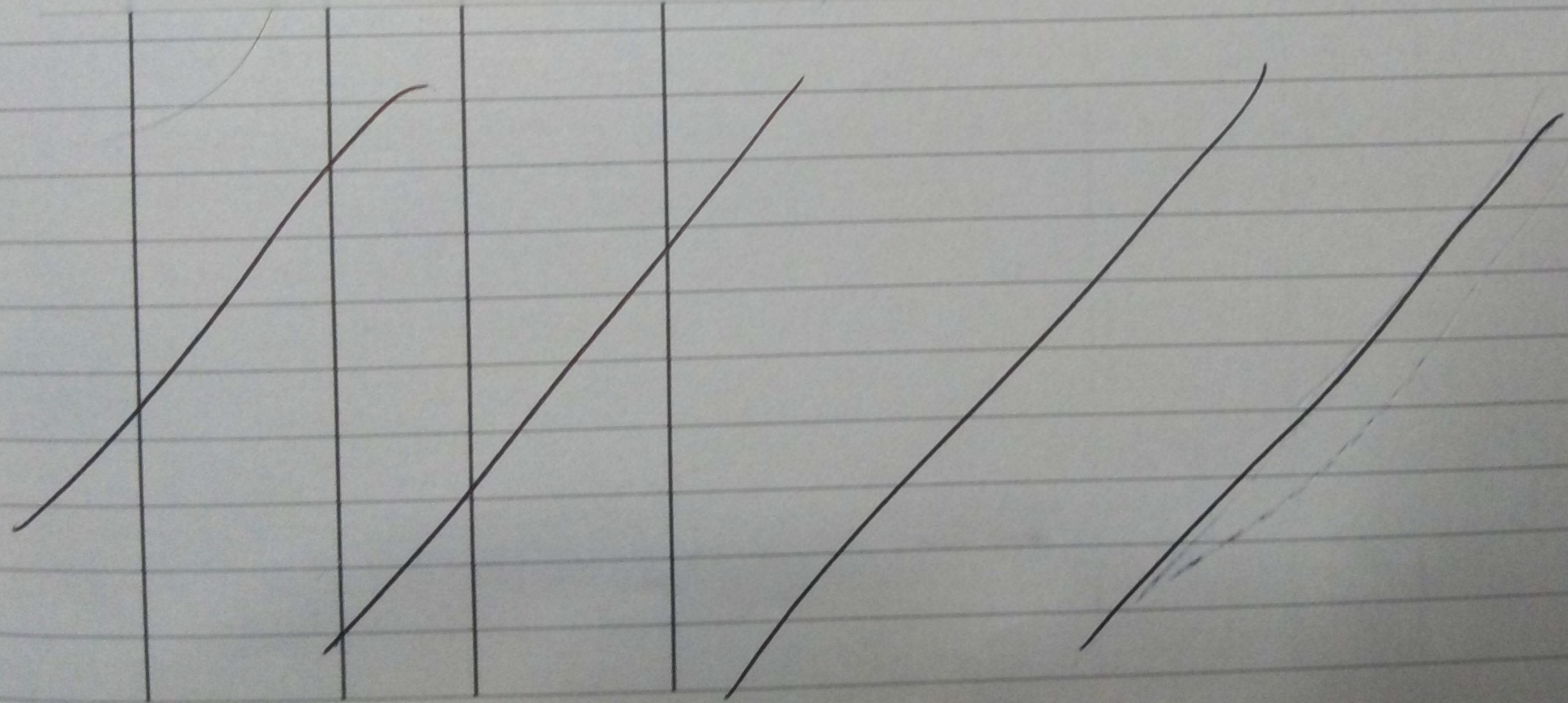
N2029Q

IO-360-A1B6D S/N RL-18317-51A

Eng TT:

- 1 Drained oil, removed and inspected filter; no metal found. Took oil sample and sent to Blackstone for analysis. Installed AA48103-2 filter and serviced engine with 7 quarts Aeroshell 15w50 and 12 ounces of Camguard.
- 2 Engine run up completed, all systems satisfactory.

  
David Bliss AP 3456094 IA









MurfreesboroAviation.com Phone: 615-494-1900 K.M.B.T

Make: CESSNA

Model: 177RG

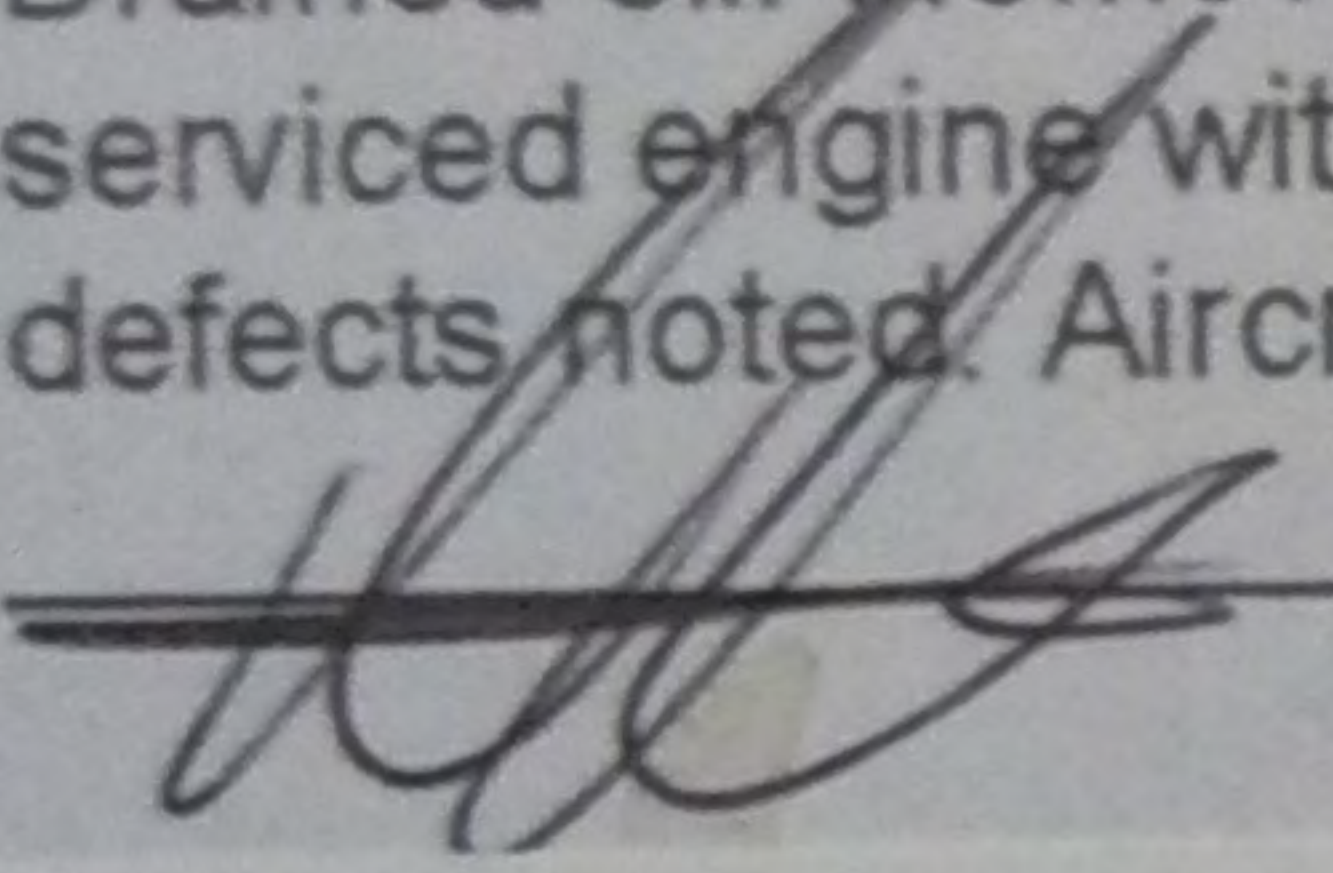
Date: 06/11/21

S/N: 177RG0429

### Engine Log

Type: LycomingIO360A1B6D

Drained oil. Removed, cut and inspected oil filter. No defects noted. Installed new Tempest AA48103-2 oil filter and serviced engine with 8 quarts Phillips 66 X/C 20W-50 aviation engine oil. Performed ground run and leak check, no defects noted. Aircraft approved for return to service with respect to the work performed. Ian Clara

 A&P 3929420



Reg. No.: N2029Q

4574.1 tach ~~FTAF~~

S/N: RL-18317-51A



MurfreesboroAviation.com Phone: 615-494-1900 K.M.B.T

Make: CESSNA

Model: 177RG

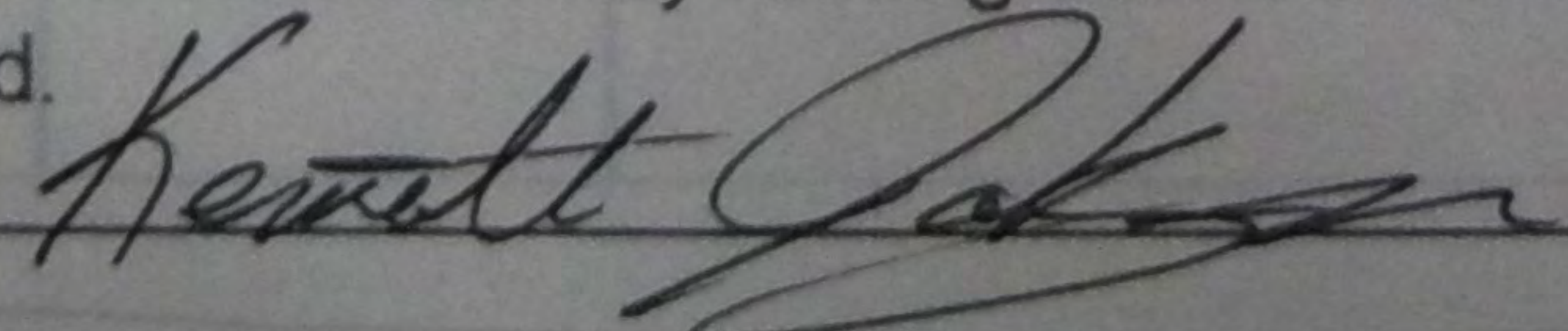
Date: 10/19/21

S/N: 177RG0429

### Engine Log

Type: LycomingIO360A1B6D

Performed Oil Change. Drained oil. Removed, cut and inspected existing oil filter - no defects noted. Installed new Tempest AA48103-2 oil filter and serviced with 8 quarts of Phillips X/C 20W-50 aviation engine oil. Installed new prop governor in accordance with Cessna and Lycoming service manuals. Performed operational ground run and leak check with no defects noted.

Kenneth Johnson 

A&P 4396298

Murfreesboro  
Make: CESSNA  
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MurfreesboroAviation.com Phone: 615-494-1900 K.M.B.T

Make: CESSNA

Model: 177RG

Date: 04/20/22

S/N: 177RG0429

Engine Log

Type: LycomingIO360A1B6D

Total Time: 3080.6



Reg. No.: N2029Q

Tach Time: 4622.60

S/N: RL-18317-51A

SOH: 1197.0

Performed Annual Inspection IAW FAR 43 appx D, referencing Cessna 177RG and Lycoming Manuals.  
 Compressions: #1 78/80 #2 74/80 #3 76/80 #4 78/80. Drained oil, cut and inspected filter, no defects noted. Removed filter adapter plate and cleaned. Installed new 06B23072 Gasket per AD 02-12-07 and Lycoming SB 543A. Does not affect Terminated Status of AD. Installed new Tempest AA48103-2 filter and serviced w/Phillips XC 20W-50 oil. Cleaned and rotated spark plugs, replaced one w/new RHM38S. Replaced Intake gaskets w/new 71973. Replaced oil dipstick tube w/new 72059. Replaced starter w/new warranty unit from Sky Tec/Hartzell. Replaced rusty stud on #3 exhaust port and new exhaust gaskets 77611 on all 4 cylinders. Replaced fuel injection lines on #1&3 w/new LW12098-0-140 and #2 w/new LW12098-0-210. Ground run and leak check ok.  
 C/W AD 15-19-07 Lycoming Fuel Injection lines (8/15/17) by Inspection, no defects noted, next due 4722.6 TTAF

No other new/recurring AD's @ this time, see aircraft records for a complete listing.

I certify that this engine has been inspected IAW an Annual inspection and was found to be in an airworthy condition.

Austen Kiser *[Signature]* A&P 3745725 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 Technician or Repair Facility. (See back pages for other specific entries.)
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Model: C177RG  
S/N: 0429  
Reg. No: N2029Q



CONTOUR

AVIATION

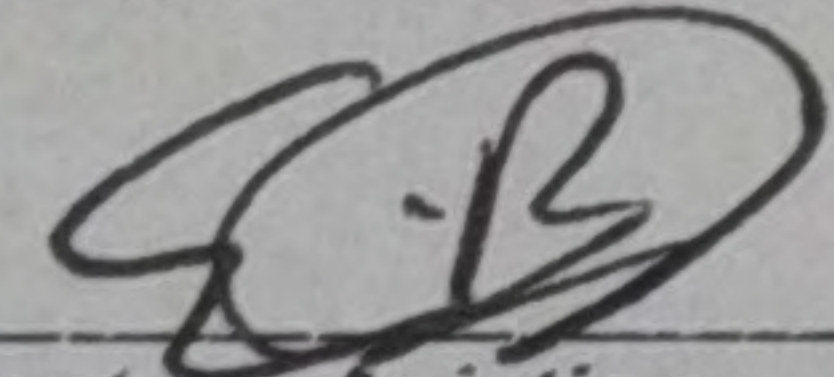
693 Fitzhugh Blvd.  
Smyrna, TN 37167  
615.534.4600

Date: 7/5/2022  
Hobbs:  
Tach: 4644.0

Engine

Maintenance Accomplished:  
-Removed all fuel injectors from cylinders. installed new Gami injectors kit no. GL10-4. Cyl. 1-C/Cyl. 2-D/Cyl. 3-H/Cyl. 4-D. STC No.SE09445SC.  
-Ops and leak check good. Ref AMM section 11 and Lycoming MM.

I Certify This Engine Has Been Inspected and Repaired in Accordance With AMM section 11 and Is Approved For Return To Service with respect to the work performed. Pertinent details of the work performed are on file at this repair station Under Work Package JWN2812 dated: 7/5/2022.

Signed:   
For: Contour Aviation Certified Repair Station No FJTR920D Form CFM 007

9-3-22	4645.3			Change engine oil & filter, 6 qts Phillips x/c 20W50, AA48103-2 Tempest. Performed ground run and leak check, No defects. Keith Hood #4382676 PPL
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DATE 19 _____	RECORDING TACH TIME
1-6-23	46

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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19 \_\_\_\_\_

DIRECT FLIGHT SOLUTIONS 760 FRANKLIN RD LEBANON, TN 37087 *Engine log*  
 LOG ID# 1305 15-November-2022 WO# 3757/6  
 N2029Q S/N 177RG0429 CESSNA 177RG TACH 4653.3 Pg 1 / 1

\*\*\*\* ITEM # 3757-5 CHECK AND REAM ALL EXHAUST GUIDES FOR \*\*\*\*  
 DISCREPANCY: CUSTOMER REQUEST CHECK AND REAM ALL EXHAUST GUIDES  
 ACTION: PERFORMED COMPRESSION CHECK, ALL 75 PSI OR BETTER WITH NO LEAKS PAST EXHAUST VALVES. REMOVED SPARK PLUGS, INSPECTED AND TESTED, NO DEFECTS. COMPLETED CLEANING OF ALL CYLINDERS EXHAUST VALVE GUIDES AND PERFORMED 400 HOUR WOBBLE TEST, WORK COMPLETED IAW LYCOMING SI 1425A AND SB 388C. GROUND RUN, LEAK AND OPERATIONAL CHECK SATISFACTORY.

\*\*\*\* ITEM # 3757-4 DUAL MAGNETO IRAN \*\*\*\*  
 DISCREPANCY: DUAL MAGNETO IRAN  
 ACTION: REMOVED DUAL MAGNETO/CAPACITORS AND PREPPED FOR SHIPMENT FOR INSPECTION. RECEIVED OVERHAULED MAGNETO 10-382555-11 SERIAL#22342 (SEE 8130-3) AND CAPACITORS. INSTALLED MAGNETO WITH NEW MAG DRIVE CUSHIONS SL13641, GASKET AND MAG CLAMPS 66M19385. TIMED MAGNETO TO ENGINE. TORQUED TO SPECS. GROUND RUN, LEAK AND OPERATIONAL CHECK SATISFACTORY.

\*\*\*\* ITEM # 3757-2 OIL FILL TUBE LOOSE \*\*\*\*  
 DISCREPANCY: OIL FILL TUBE LOOSE  
 ACTION: RETORQUED AND SAFTIED.

*Justin Orndall AP3966069 11/18/2022*

the work

s x/c  
d run

1-6-23	4654.6			Remove upper spark plugs. Fog cylinders w/ LPS 2. Cranked engine w/ starter until oil pressure registered on gauge. Re-installed spark plugs. Test ran engine & checked for leaks. No defects. <i>Keith Hood 4382676 PPL</i>
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Operations

Number of  
entries.)

lips

defects.

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
8/19/23	4708.6			Change engine oil w/ Phillips XC-20W50 6 gts. 9.6 oz. Camguard. Change oil filter w/ Tempest AA48103-2. Saffied oil filter. Ground, ran check for leaks. No defects noted. Keith Hood #4382676 PPL
10/14/23	4742.8			Change engine oil w/ Phillips XC-20W50 6 gts. 9.6 oz. Camguard. Change oil filter w/ Tempest AA48103-2. Saffied oil filter. Ground run, check for leaks. Keith Hood #4382676 PPL
31 Jan 24	4787.4			Change engine oil w/ Phillips XC-20W50; 6 gts. 9.6 oz. Camguard. Change oil filter w/ Tempest AA48103-2. Saffied oil filter. Ground run, leak check. No defects noted. Keith Hood PPL 4382676

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE	RECORDING TACH TIME
19 _____	

wo: BNA1118

Engine - page 1 of 1



T&T Aviation · 1480 Murfreesboro Pike · Nashville, TN 37217 · 615-905-1734

**N2029Q**

April 29, 2024

Tac time: 4805.0

Performed engine run up and systems check. No problems found. Drained oil and serviced engine with 7qts. of Aeroshell 15w-50. Cut oil filter and inspected contents. No problems found. Installed new Tempest oil filter, P/N: AA48108-2 and cleaned suction screen.

Researched all applicable AD's through bi-weekly period.

Complied with AD 15-09-07 by visual inspection of fuel injector lines and supports. Next due 110 hours or after any maintenance.

All other AD's found to be in compliance.

Cleaned, tested, and rotated 8 ea spark plugs. Torqued to 360 in-lbs.

Compressions are as follows: #1-77/80 #2-79/80 #3-78/80 #4-79/80.

All four engine valve train drain back splice tubes are leaking oil\*\* – Replaced tubes.

Comply with Power Flow annual ICA\*\* – Removed Power Flow exhaust system. Disassembled at all joints. coated slip joints with anti seize. Reassembled and installed exhaust system IAW Power Flow ICA.

Gear Warning Horn INOP\*\* – Replaced micro switch at throttle lever. Opps check ok.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with T&T Aviation under work order: BNA1118.

Doug Nehrbass A&P IA 2576751



DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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5/30/24 4822.7

Change engine oil w/ Phillips XC-20W50,  
 6 qts., 9.6 oz Camguard. Change  
 oil filter w/ Tempest AA48103-2.  
 Saftired, ground run, check for leaks.  
 No defects noted.  
 Keith Ford PPL 4382676

DATE 19
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ENG-3