

The Standard

ENGINE LOG

ASA-SE-2

N100B
L/H ENGINE LOGS

Engine Record General Information

LEFT ENGINE

Manufacturer Lycoming

Model T10 540 F2BD

Serial RL-3236-61A

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 ,

KERRVILLE AVIATION
1875 AIRPORT LOOP RD
KERRVILLE, TX 78028

DATE: 5-08-13 10QB A/C PIPER NAVAJO S/N 31-7812065 HOBBS: 2580.9

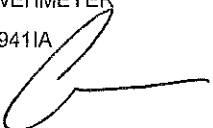
- INSTALLED NEW VACUUM PUMP HOSES ON LEFT ENGINE. P/N 565-268 AND P/N 565-279.
- CHANGED OIL AND FILTER. INSTALLED NEW CH48103-1 FILTER AND SERVICED WITH 11QTS. AEROSHELL W100.
- CHECKED AND SECURED ALL HOSES ON LEFT ENGINE.

ENGINE REASSEMBLED AND GROUND RUN, OPS CHECK OK.

ALL WORK HAS BEEN COMPLETED IN ACCORDANCE WITH CURRENT MANUFACTURES MAINTENANCE MANUALS AND CURRENT FAA REGULATIONS. THIS AIRCRAFT HAS BEEN APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED.

COREY WEHMEYER

A&P33649411A



RIVER CITY AIRCRAFT ENGINES

210-414-7873 FAX 830-538-6448 CASTROVILLE AIRPORT (KCVB)
10600 AIRPORT RD. CASTROVILLE, TEXAS 78009 WWW.AIRCRAFTOVERHAULS.COM

DATE 11-21-13 TACH _____ HOBBS 7633.0 O-SMOH MODEL TIO-540-F2BD

THIS ENGINE S/N RL-3236-61A MAJOR OVERHAULED I.A.W. OVERHAUL MANUAL 600294-9. ENGINE DISASSEMBLED, CLEANED AND VISUALLY INSPECTED. ASSEMBLED ENGINE WITH THE FOLLOWING NEW PARTS; MAIN AND ROD BEARINGS, ROD NUTS AND BOLTS, CRANK GEAR BOLT AN8-14A (55 FT LBS), HARNESS AND SPARK PLUGS, OIL PRESS SPRING, OIL TEMP CONTROL VALVE, KEYS, LOCK TABS, GASKETS AND SEALS. NEW LYCOMING CYLINDER ASSEMBLIES INSTALLED (05K21108), NEW LYCOMING CAMSHAFT LW-19340 AND LIFTER BODIES 15B26262 ROCKER ARMS REPAIRED AND INSPECTED, SEE YELLOW TAGS. CRANKCASE REPAIRED, INSPECTED AND CERTIFIED BY ECI. CRANKSHAFT REPAIRED, INSPECTED AND DYNAMICALLY BALANCED, HYDRAULIC UNITS, CONNECTING RODS AND ALL INTERNAL STEEL REPAIRED, INSPECTED AND CERTIFIED BY ECI, SEE YELLOW TAGS. SERVICED ENGINE WITH AEROSHELL 100, USE FOR 1ST 25 HOURS. THIS ENGINE RUN UP IAW LYCOMING SERVICE INSTRUCTIONS, ENGINE SHIPPED WITH NO OIL. THIS ENGINE FOUND TO BE IN AIR WORTHY CONDITION AND RELEASED FOR SERVICE.

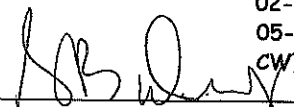
SERVICE BULLETINS-

CW SB 475C, CW342F, CW SB 543

SEE AD LISTING FOR COMPLETE DETAILS

A.D'S

02-12-07cw by 543C, 04-05-24 CW, 04-10-14C1 CW,
05-19-11 NA, 06-10-21 NA, 06-12-07 NA, 11-26-04
CW, 12-19-01 NA BY SER#


GUADALUPE DIMAS AP3260222IA

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GUADALUPE DIMAS AP3260222IA

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S 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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KERRVILLE AVIATION
1875 AIRPORT LOOP RD
KERRVILLE, TX 78624

Date 1-20-14 A/C PIPER PA-31-325 S/N 31-7812065 N10QB HOBBS 2633.0
ACTT: 8574.1

REMOVED ENGINE TIO-540-F2BD S/N RL-3236-61A SENT TO RIVER CITY ENGINES
FOR OVERHAUL. REINSTALLED SERVICED WITH 12 QTS AEROSHELL 100 MINERAL OIL.
ENGINE GROUND RUN FOR LEAKS. INSPECTED ENGINE FOR AN ANNUAL INSPECTION.
AD'S CHECKED THROUGH 2013-25 ISSUE. COMPLIED WITH AD 2013-10-04 ENGINE
EXHAUST INSPECTION PART G VISUAL INSPECTION. REPLACED ALL V-BAND CLAMPS
WITH NEW DUE TO EXHAUST LEAKAGE. NEXT INSPECTION DUE AT HOBBS 2693.0.
COMPLIED WITH AD 2011-26-04 BY FUEL LINE CLAMPING. NEXT INSPECTION DUE AT
NEXT ANNUAL OR 100 HRS. COMPLIED WITH AD 2003-24-07 VISUAL INSPECTION OF
RUDDER TORQUE TUBE. NO DEFECTS NOTED. NEXT DUE 1-20-2014 ENGINE GROUND
RUN, NO DEFECTS NOTED.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED FOR AN ANNUAL INSPECTION AND HAS
BEEN DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE.
COREY WEHMEYER
A&P 33649411A

Gemini Aviation DBA Dugosh
1875 Airport Loop Suite #105
Kerrville, Texas 78028

N10QB Piper Navajo PA-31-325 31-7812065 Hobbs: 2669.5
Changed oil and filter; serviced engine with Aeroshell W100 plus oil and Champion oil filter CH48103-1.
Opened and inspected used filter; washed, ran, leak checked engine. Ok for return to service.

Carl Funke
Carl Funke #3175131AP

4-22-2014

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Gemini Aviation DBA Dugosh
1875 Airport Loop Suite #105
Kerrville, Texas 78028
N10QB Piper Navajo PA-31-325 31-7812065 Hobbs: 2709.6
Changed oil and filter; serviced engine with Aeroshell W100 plus oil and Champion oil filter CH48103-1.
Opened and inspected used filter; washed, ran, leak checked engine. Ok for return to service.
Carl Funke
Carl Funke #3175131AP 8-26-2014

Gemini Aviation DBA Dugosh
1875 Airport Loop Suite #105
Kerrville, Texas 78028
N10QB Piper Navajo PA-31-325 SN 31-7812065 Hobbs 2745.3
Changed Oil and filter; serviced with Aeroshell W100 plus oil and
Champion oil filter CH48103-1 Opened and inspected used oil
filter; washed, ran, lean checked engine. Ok for return to service.

Ross Eykamp
Ross Eykamp 3629589 11-13-2014

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1-27-15

N10QB

Hobbs: 2754.7

TSMOH: 121.7

Left Engine

Gemini Aviation LLC dba DUGOSH

1875 Airport Loop, # 105

Kerrville, Texas 78028

830.315.2222

I certify that I have inspected this engine IAW an Annual/100 hour inspection, and have found it to be in airworthy condition. C/W Compression check: #1) 72/80, #2) 74/80, #3) 73/80, #4) 73/80, #5) 73/80, #6) 72/80. Changed oil and serviced with 12 qts. Aeroshell W100. Replaced oil filter with new CH48103-1 oil filter. Cut open oil filter and inspected for metal and contaminants—none found. Cleaned, inspected, and tested all spark plugs. Replaced bad engine baffling. This engine is returned to service.

Robert Fenner AP 378806656 IA



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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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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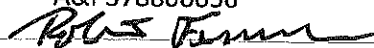
LEFT ENGINE

03/25/2015 N10QB HOBBS 2773.6 TSMOH 140.5

CHANGED OIL AND FILTER. SERVICED WITH 11QT. OF AREOSELL W 100 OIL AND INSTALLED CH48103-1 OIL FILTER. CUT OPEN OLD FILTER INSPECTED FOR METAL NONE FOUND. WASHED DOWN ENGINE. TEST RAN AND LEAK CHECKED GOOD. THIS ENGINE IS RETURNED TO SERVICE.

ROBERT L. FENNER

A&P378806656



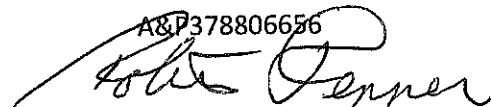
LEFT ENGINE

05/20/2015 N10QB HOBBS 2799.6 TSMOH 166.5

CHANGED OIL AND FILTER. SERVICED WITH 11QT. OF AREOSELL W 100 OIL AND INSTALLED CH48103-1 OIL FILTER. CUT OPEN OLD FILTER INSPECTED FOR METAL NONE FOUND. WASHED DOWN ENGINE. TEST RAN AND LEAK CHECKED GOOD. THIS ENGINE IS RETURNED TO SERVICE.

ROBERT L. FENNER

A&P378806656



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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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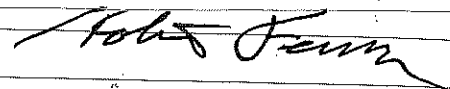
Date 01-10-16 N10QB A/C PA31-325 Hobbs 2856.1
TAT 8797.2 LEFT ENGINE TSMOH 223.1

Completed 100Hr/Annual inspection on Lt Engine in accordance with FAR 43 Appx. D and PIPER PA31 325 Aircraft M/M inspection check sheet. Complied with engine compression check #1 70/80 #2 78/ #3 73/80 #4 78/80 #5 73/80 #6 75/80. Changed oil and filter. Service with 11 Qts. of Aeroshell W100. Installed new CH48103-1 oil filter. Cut open old filter inspected for metal. None found. Clean, inspected, gapped and tested all spark plugs. Checked engine to mag timing. Replace induction filter P/N BA 7 with new. Installed sensors for Insight G4 Twin IAW Insight G4 installation manual #070901. Test ran, leak checked engine after inspection.

CW AD 2011-26-04 Fuel Injector Line and Clamp Inspection By inspection NEXT DUE 01-2017.



I certify that I inspected this engine in accordance with 100 Hr/Annual inspection and it was found airworthy and is returned to service

Robert L. Fenner
A&P 378806656 IA



YEAR 20 DATE	RECORDING TAGH Hobbs TIME	TODAY'S 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.)
3-9-2017	2936.5	—	UNK	C/W ANNUAL INSPECTION OF ENG. per Piper
TSMOH	303.5			PA31-325 S. & M. MANUAL. Checked compression
				#1 74/100 #2 70/100 #3 74/100 #4 73/100 #5 75/100 #6 74/100
				Checked mag. Timing to ENG. Installed all new
				RHB32E spark plugs. Replaced all fuel injector
				line rubber tube sleeves. P/N 76772. Replaced all
				Fuel injector orings P/N 951391. Cleaned and insp.
				all Fuel injector nozzles. C/W A.D. 15-19-07, insp.
				Fuel injector lines and support clamps. No defects.
				Next insp. due at Hobbs = 3046.5 or if lines are
				disturbed. Inspected over all condition of eng. and
				accessories. Eng. found to be in airworthy condition
				for return to service.
				DATE <u>March 9-2017</u> T.T. IN SERVICE <u>303.5</u> TSMOH
				AD'S CHECKED THRU: <u>17-05</u> I CERTIFY THAT
				THIS <u>ENG.</u> HAS BEEN INSPECTED IN ACCORDANCE
				WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED
				TO BE IN AIRWORTHY CONDITION.
				SIGNED: <u>David Bohman</u>
				NUMBER: <u>AJP 2004926 EFL</u>

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
Piper 2 compression 75/100 #6. 74/100 led all new el injector placed all and insp. 19-07, insp. e. No defects. if lines are eng and condition		N10QB Hobbs: 2937.5 March 31, 2017	Dugosh Aviation, LLC 1875 Airport Loop Ste 105 Kerrville, TX 78028	Removed oil and oil filter. Cut open old filter to check for metal. No metal noted. Serviced engine with 12 qrts Aeroshell W100 and 1 CH48103-1 oil filter. Ground ran and leak checked. No discrepancies noted. <i>William J Case</i> William J. Case A&P 3390811
		N10QB Hobbs: 2957.7 May 5, 2017	Dugosh Aviation, LLC 1875 Airport Loop, STE 105 Kerrville, TX 78028	Removed oil and oil filter. Cut open old filter to check for metal. No metal found. Serviced engine with 12 qrts Aeroshell W100 and 1 CH48103-1 oil filter. Ground ran engine for leak check, no leaks noted. <i>William J Case</i> William J Case A&P 3390811

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Description of Inspections, Tests, Repairs and Alterations

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N10QB

Tach: 2984.3

Sept 8, 2017

Dugosh Aviation, LLC

1875 Airport Loop Ste 105

Kerrville, TX 78028

Removed oil and oil filter. Cut open filter to check for metal. No metal noted. Serviced engine with 12 qrts Aeroshell W100 and 1 CH48103-1 oil filter. Ground ran and leak check. No discrepancies noted.

William J. Case

A&P 3390811

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specific entries.)

Aircraft Hobbs Time: 3005.6
Engine TSO: 372.6

Performed Annual inspection in accordance with FAR 43 app D, with reference to PA31-325 Maintenance Manual. Compression check: #1 - 74, #2 - 73, #3 - 74, #4 - 72/80, #5 - 72/80, #6 - 74/80. Drained oil and serviced with 12qts W100. Removed oil filter, inspected for contaminants, Installed new filter P/N CH48103-1. Checked magneto timing, found to be set at 20°. AD 17-11-10 N/A due to M/N. AD 17-61-11 N/A Lycoming bushings not installed. C/W AD 15-19-07, fuel injection line inspection, next due 100hrs. Replaced #2 cylinder spark plug P/N RHB32E. AD's checked current this date. I certify that this engine has been inspected IAW an annual inspection and was found to be in airworthy condition.

Scott Egesdahl A&P 35158561A

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Description of Inspections, Tests, Repairs and Alterations

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N10QB

Dugosh Aviation, LLC

Hobbs: 2999.5

1875 Airport Loop, Ste 105

Feb 5, 2018

Kerrville, TX 78028

Removed oil and oil filter. Cut open filter to check for metal. No metal noted. Serviced engine with 12 qrts Aeroshell W100 and 1 CH48103-1 oil filter. Removed and replaced valve cover gaskets with new P/N 71450. Removed engine driven fuel pump, P/N 200F-5004R S/N H-QHN044FP and installed overhauled pump P/N 200F-5004R S/N H-UJN004FP. Removed fuel servo P/N 2524500-9, S/N 40454 and installed overhauled servo P/N 2524500-9, S/N 72H94504. Cleaned fuel injectors. Performed ground runs, operational and leak checks good at this time.

William J. Case

William J. Case

A&P 3390811

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N10QB

Hobbs: 3024.5

Aug 1, 2018

Dugosh Aviation, LLC

1875 Airport Loop, Ste 105

Kerrville, TX 78028

Removed oil and oil filter. Cut open old filter to check
for metal. No metal noted. Serviced engine with 12 qts Aeroshell
W100 and 1 CH48103-1 oil filter. Ground ran and leak checked.
No discrepancies noted.

William J Case

William J Case.

A&P 3390811

Scott Egesdahl A&P 35158561A

10701597

3. Form Tracking Number:

EASE CERTIFICATE

THINNESS APPROVAL TAG

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S 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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Aircraft Hobbs Time: 3064.1
Engine TSO: 431.1

Registration Number: N10QB
Engine Make: Lycoming
Engine M/N: TIO-540-F2BD
Engine S/N: RL-3236-61A
Date: 11/18/2020

Performed Annual inspection in accordance with FAR 43 app D, with reference to PA31-325 Maintenance Manual. Compression check: #1 - 78, #2 - 76, #3 - 79, #4 - 74/80, #5 - 77/80, #6 - 75/80. Drained oil and serviced with 12qts W100. Removed oil filter, inspected for contaminants, Installed new filter P/N CH48103-1. Checked magneto timing, found to be set at 20°. C/W AD 15-19-07, fuel injection line inspection, next due 100hrs. AD's checked current this date. I certify that this engine has been inspected IAW an annual inspection and was found to be in airworthy condition.

Scott Egesdahl A&P3515856IA

Date: 01/01/22
Time: 3078.7 SMOH: 445.7

(SEE AIRFRAME LOG FOR OIL COOLER REPLACEMENT ENTRY)

Changed oil and filter. Screen and filter checked, no metal noted. Serviced with 11 quarts Phillips 20w50. Air filter element checked. Spark plugs replaced. Inspected fuel injector lines (aw AD15-19-07, due again 3188.7. Compression checked, all cylinders 65/80 and better. Engine washed and ground run.

This engine has been inspected i/a/w an Annual Inspection and has been determined to be in Airworthy Condition at this time.

Frank May
A&P426239616IA

