



ENGINE MAINTENANCE RECORDS

AIRCRAFT REGISTRATION NO. N146TJ
ENGINE POSITION Right
ENGINE SERIAL NO. 272254-R


AIR IMPRESSIONS, INC.
PROFESSIONAL AIRCRAFT SERVICE

ENGINE MAINTENANCE RECORDS

Log No. 2

AIRCRAFT REGISTRATION No. N146TJ

ENGINE MANUFACTURER Continental

MODEL GT550-520-L

SERIAL No. R-222254-1

TIME BETWEEN OVERHAULS (TBO) _____ HOURS

IF USED ON MULTI-ENGINE AIRCRAFT:

☒ RIGHT ☐ LEFT

WACO REGIONAL AIRPORT ~ 7929 KARL MAY DR. ~ WACO, TEXAS 76708
254/753-2212 ~ FAX 254/753-2278

ENGINE MODEL:
GTSIO-520-L
ENGINE S/N (R): 272254-R
REG NO: 146TJ
WORK ORDER: 4949



Chuck's Aircraft, LLC
6200 Aviation Dr AC101
Austin Executive Airport
Pflugerville, TX 78660
Phone: 512-610-3111

DATE: 8/11/2022
A/C TSN: 4852.2
ENG TT (R): 4313.4
TSMOH (R): 1001.4
HOBBS: 402.6

Right Engine Entries

During the Annual Inspection, dated 08/11/2022, aircraft entered with Hobbs 334.2, and left with Hobbs 402.6. The aircraft did NOT fly during this time. Aircraft total time remains at 4852.2. Engine total time remains at 4313.4, and engine TSMO remains at 1001.4.

Described maintenance is airworthy with respect to work performed

DATE: 8/11/2022

SIGNED:

Robert McBride, Jr., A&P

Work Order: 4949

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7929 Karl May Dr.
Waco, Texas 76708
CRS No. AK6R541N

Engine TT: 4476.5
Engine SMOH: 1164.5 (8/13)
Prop SMOH: 1164.5 (4/13)
Hour Meter: 497.3
Date: 05/15/2023

Continental GTSIO-520-L S/N R-272254-R

On above referenced engine, removed all cowling for 100 Hour/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, installed new oil filter and refilled engine with Phillips XC20W-50 oil. Checked magneto timing. Inspected plug harness and all engine electrical. Checked all engine controls for movement and attach points. Inspected intake and exhaust system, condition and integrity of all engine accessories. Inspected engine mounts, all baffles and cowling. Inspected prop, spinner and bulkhead. Inspected all fuel, oil and hydraulic lines and fittings. Ran compressions and readings were: 1) 76/80, 2) 78/80, 3) 64/80, 4) 70/80, 5) 76/80, 6) 74/80. C/W A.D. 2000-01-16 per paragraphs (b), (c), (d), and (e). (Paragraph (b) next due at 547.3 HM.) Cleaned induction air filter. C/W A.D. 2007-05-15 per para (2) 100-hour and (3) 400-hour requirements per new EQ-kit P/N EQ6642 installed. (Para (2) readings were as follows: .032, .045, .042, .033.) (Para (2) next due at 597.3 HM) (para (3) due at 897.3 HM.) Engine systems set-up to Continental and RAM specs. All A.D.'s researched through bi-weekly 2023-08. (See A.D. listing in log binder for all current and future compliance times.) above work done in accordance with Continental and Cessna Service Manuals and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approved for return to service. Pertinent details are on file under work order 5670.

Air Impressions, Inc.
CRS#



7929 Karl May Dr.
Waco, Texas 76708
CRS No. AK6R541N

I certify this Engine has been
inspected in accordance with a 100 HR.
Inspection and has been determined
to be in an airworthy condition.

DATE 05/15/2023 HM 497.3
ENGINE SMOH 1164.5 (3/13)
ENGINE TT 4476.5
WORK ORDER #5670
SIGNED

AIR IMPRESSIONS, INC
REPAIR STATION #

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TOTALS - CARRY FORWARD TO NEXT PAGE

DATE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8/15/23	AC: 5044.6	HOBBS: 595.6	SEE AIRFRAME LOG. 69.0 HRS ON HOBBS ON JACES IN MX. ENG SMOH: 1193.8 PROP SMOH: 1193.8



7929 Karl May Dr.
Waco, Texas 76708
CRS No. AK6R541N

Hour Meter: 595.6
Date: 08/15/2023

Continental GTSIO-520-L S/N R-272254-R

On above referenced engine, performed oil and filter change. Engine serviced with Phillips XC 20W-50 oil. C/W A.D. 2000-01-16 per para (b) visual inspection of entire exhaust system, due each 50 hours or 30 days whichever is later. Replaced gasket for #6 intake tube. Installed attachment repair for throttle cable. Operation and leak check of engine performed satisfactory and is approved for return to service for maintenance performed. Pertinent details on file under work order 5802.

Air Impressions, Inc.
CRS# [REDACTED]

10/17/23 AC: 5067.3 HOBBS: 618.3 R ENG SMOH: 1216.5



RIGHT ENGINE
10/12/2023
REG. NO.: N146TJ
MODEL: GTSIO-520-L
S/N: 272254-R

McCREERY AVIATION CO., INC.
P.O. BOX 1659
McALLEN, TX 78505

HOBBS: 618.3
W.O. M-23-12842

- ➔ DRAINED ENGINE OIL, REMOVED OIL FILTER AND CUT OPEN, NO CONTAMINATION FOUND. INSTALLED AND SAFETIED NEW OIL FILTER P/N: CH48111-1. SERVICED ENGINE WITH 10 QUARTS OF PHILLIPS 20W50 OIL.
- ➔ WASHED ENGINE. PERFORMED LEAK CHECK, OPS CHECK OK.

PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO.: M-23-12842.

DATE: 10/12/2023

SIGNED: [REDACTED]

ANTHONY PRATS

McCREERY AVIATION CO., INC.9
FAA REPAIR STATION NO. [REDACTED]
McALLEN, TX 78503

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