



ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N32064

Engine Manufacturer TCM

Model O-470 R14B

Serial No. 811817-R

Date installed on aircraft APRIL 1997

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| ☐ Right | ☐ Left |
| ☐ Front | ☐ Rear |

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

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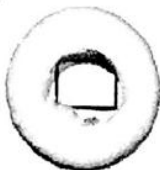
[illegible]

4/24/2022 Tach 4454.2 ETT 1336.1 Drained oil, Inspected ADC oil screen no metal observed. Serviced with 9 quarts Aeroshell 15/50 oil and 1 pint camguard. Compression test 1)72/80 2)76/80 3)70/80 4)76/80 5)78/80 6)76/80. Checked magneto timing. Cleaned and inspected fuel screen. Cleaned gapped and tested spark plugs. Installed new bracket air filter. Checked all ADs through current date, see AD list for details. I certify I have inspected this engine in accordance with a 100 hour inspection per 14CFR 43 appendix D and in my opinion, it is in airworthy condition.

Thomas G. Kell [REDACTED] IA
Kell Aviation, LLC

4-30-23	Drained oil & checked screen. Performed compression test
TAF	Det 1 #1 75/80 #2 75/80 #3 71/80 #4 78/80 #5 78/80 #6 78/80
4484.6	Checked mag timing. Checked spark plugs. No
TACH	AD's apply at this time. Serviced with oil. I
4484.6	certify that this engine has been inspected & AD
	an annual inspection was found to be in airworthy
	condition [REDACTED] IA [REDACTED] AIP 4-30-23
5/18/2024	ALL TIMES CARRIED FORWARD TO ENGINE LOGBOOK #2. [REDACTED] /IA [REDACTED]

RIGHT MAG



REORDER FROM:
AVIATION BUSINESS SYSTEMS
715 North Memorial Parkway
HUNTSVILLE, ALABAMA 35801
1-800-633-2950

Maintenance Release

DOUG STAATS

The aircraft, airframe, aircraft engine, propeller or appliance identified below 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 repairs under

Work Order # 28326 are herein attached

Dated 27 APRIL 2021

Inspected By _____

Cert. # A/P _____

SERVICEABLE

Name SLICK A/C PRODUCTS

Unit SLICK MAGNETO

Part # 6310 Ser. # 97011114

Aircraft _____ ID# _____

Disposition RETURN TO SERVICE

Reason For Removal 500HR INSPECTION

Removed By STAATS Date _____

AD or Service C/W SLICK SB2-08B, SB3-08B

Bulletins SB1-12 WITH NEW PARTS

Work 500HR INSPECTION IAW

Performed MFR'S SERVICE INSTRUCTIONS

FAA Certificate No. _____

AIRCRAFT MAGNETO SERVICE

3995 FLYING LANE #5-5

STEVENSVILLE, MT 59870

www.aircraftmagnetoservice.com

N320
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MEMORANDA

N3206

DATE

5/23/2021

TACH: 4414.6

ETSO: 1029.2

ETT: 1336.1

N3206U 5/23/2021 Tach - 4414.6 ETSO - 1029.2 ETT - 1336.1

Performed a 100 Hour inspection of this engine IAW FAR 43 Appx "D" & the Cessna 182 Maintenance Manual Inspection checklist items as required. All A.D.'s checked current to 2021-12, no new applicable. A complete list of A.D.'s and compliance may be found in the aircraft records. Cylinder compression test results: #1-71, #2-74, #3-70, #4-72, #5-70, #6-69. Engine oil drained, external ADC oil screen removed and inspected okay, reinstalled screen and secured cover. Serviced the oil sump with Aeroshell W15W-50 oil. All spark plugs were removed, cleaned inspected, gapped, tested and reinstalled with new M674 gaskets. Right magneto removed, 500 hour inspection completed by Aircraft Magneto Service, w.o. 28326. Magneto reinstalled with a new gasket. Magneto to engine timing was verified to match the engine data plate specifications. Engine driven dry air pump removed to facilitate Garmin G5 instruments. Engine was ground run, all pressure and temperatures within serviceable limits, performance checked okay, no leaks noted. I certify that this engine has been inspected in accordance with a 100 Hour inspection and was determined to be in an airworthy condition at this time.

LLK
Leon L. Kiana Jr. IA

N32064

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
<u>4/17/2020</u>													
Tach:	<u>4362.4</u>												
ETSO:	<u>977.0</u>												
ETT:	<u>1283.9</u>												
BROUGHT FORWARD													
TOTALS													

N3206U 4/17/2020 Tach - 4362.4 ETSO - 977.0 ETT - 1283.9

Performed a 100 Hour inspection of this engine IAW FAR 43 Appx "D" & the Cessna 182 Maintenance Manual Inspection checklist items as required. All A.D.'s checked current to 2020-08, no new applicable. A complete list of A.D.'s and compliance may be found in the aircraft records. Cylinder compression test results: #1-68, #2-72, #3-70, #4-76, #5-72, #6-73. Engine oil drained, external ADC oil screen removed and inspected okay, reinstalled screen and secured cover. Serviced the oil sump with Aeroshell W15W-50 oil. All spark plugs were removed, cleaned inspected, gapped, tested and reinstalled with new M674 gaskets. Magneto to engine timing was verified to match the engine data plate specifications. Engine was ground run, all pressure and temperatures within serviceable limits, performance checked okay, no leaks noted. I certify that this engine has been inspected in accordance with a 100 Hour inspection and was determined to be in an airworthy condition at this time.


Leon L. Kiana Jr. IA

DATE

19

N3206U 5/18/2024 Tach - 4510.2 AFTT - 4510.2

Performed an annual inspection of this aircraft IAW FAR 43 Appx "D" & the Cessna 182 Maintenance Manual Inspection checklist items as required. Complied with the following:

A.D. 2011-10-09 Cessna seat security, visual and dimensional inspection, no grounding defects noted at this time.

Next due ~ MAY 2025 or AFTT - 4610.2 whichever comes first.

A.D. 76-07-12 Bendix ignition switch, engine quit in the "off" position, no defects noted, Next due ~ AFTT - 4610.2

A.D. 2023-10-02 Not applicable, Radio Altimeter not installed

A.D. 2022-03-15 Not applicable, Garmin G3X Touch Electronic Flight Instrument Sys not installed.

All A.D.'s checked current to 2024-10 no new applicable. A complete list of A.D.'s and compliance may be found in the aircraft records. Complied with the ELT Annual inspection IAW FAR 91.207 (d), Batt Exp ~ JUNE 2023, no defects noted. Installed a new bracket air induction filter p/n BA8103-1. Aircraft exterior cleaned as required. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time.

LK [Redacted]
Leon L. Kiana Jr. IA [Redacted]

- ☐ Addition of Optional Equipment
- ☐ Removal of Optional Equipment
- ☐ Addition of Required-Exchanged for Opt
- ☐ Removal of Required-Exchanged for Opt

- ☐ Addition of Optional Equipment
- ☐ Removal of Optional Equipment
- ☐ Addition of Required-Exchanged for Opt
- ☐ Removal of Required-Exchanged for Opt

DATE

9

TOTAL
TIME IN
SERVICE**Manufactures' Mandatory Service Bulletins**

Chronological Listing of Compliance and Method of Compliance

N3206U 1/29/2024 Tach - 4508.9 AFTT - 4508.9

Removed and replaced the Seat Back recline cam assemblies with 2ea. new p/n 1414111-5 on the pilot's seat back.
Installed a new roll pin on the seat back recline actuating shaft. Lubricated all seat height pivots as required.

LK [REDACTED]
Leon L. Kiana Jr. IA [REDACTED]

4-30-23

44846

Inspected FLT TAW FAR 91.207(d) with no defects noted. Battery expires June 2028. Complied with all applicable AD's. See AD compliance sheet this date for details. I certify that this airframe has been inspected in an annual inspection & was found to be in airworthy condition.

IA [REDACTED] ADP
4-30-23

24/2022 Tach 4454.2 ACTT 4454.2 C/W AD 2011-10-09 by inspection. C/W AD 83-13-01 by visual inspection.
C/W AD 72-07-09 hardware not loose. C/W AD 76-07-12 R1 by ops check. C/W AD 2020-18-01 by inspection.
Ds 2021-23-12 and 2022-03-15 N/A by installed equipment. Lube primary and secondary flight controls.
Installed new ELT battery, next due July 2022. Ops checked ELT per manufacturers recommendations. Serviced
brakes with aircraft hydraulic fluid. Checked all ADs through current date, see AD list for details. I certify I have
inspected this aircraft in accordance with an annual inspection per 14CFR 43 appendix D and in my opinion, it is
in airworthy condition.


Thomas G. Kell  IA
Kell Aviation, LLC

DATE

TI

TI

SI

2021

N3206U 5/23/2021 Tach - 4414.6 AFTT - 4414.6

5/23/2021

Performed an annual inspection of this aircraft IAW FAR 43 Appx "D" & the Cessna 182 Maintenance Manual Inspection checklist items as required. Complied with the following

A.D. 2011-10-09 Cessna seat security, visual and dimensional inspection, no grounding defects noted at this time.

Next due ~ MAY 2022 or AFTT - 4514.6 whichever comes first.

A.D. 76-07-12 Bendix ignition switch, engine quit in the "off" position, no defects noted, Next due ~ AFTT - 4514.6

A.D. 2020-18-01 Wing lift strut attach fuselage bulkhead area, no defects noted at this time.

Next due ~ MAY 2024 or AFTT - 5414.6 whichever comes first.

All A.D.'s checked current to 2021-12 no new applicable. A complete list of A.D.'s and compliance may be found in the aircraft records. Complied with the ELT Annual inspection IAW FAR 91.207 (d), Installed a new battery pack p/n 452-6499, Batt Exp ~ JUNE 2028, no defects noted. Removed the attitude gyro, directional gyro and the engine driven dry air pump system complete. Installed Garmin G5 Attitude Indicator and Garmin G5 Directional Indicator instruments in accordance with STC No. SA01818WI, see FAA Form 337 for details and approval. Installed a new bracket air induction filter p/n BA8103-1. Aircraft exterior cleaned as required. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time.

ACR ELECTRONICS, Inc.

ARTEX PRODUCTS - CAGE Code: 18560

Fort Lauderdale, FL 33312

ME406 LITHIUM BATTERY PACK MnO2

PART NO: 452-6499 REV: F

TSO C126

S.N.:390362-009

EXPIRATION DATE: Jun /2028 DO-227

ENV CAT D1XBC[204][204]XR0000XAZZ[204]H[0000]XXX

LK

Leon L. Kiana Jr. IA

DATE
TOTAL
TIME IN
SERVICE

2020

4/17/2020

4362.4

TACH

4362.4

AFTT

Reference of Major Repairs and Major Alterations To

FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

N32064

N3206U 4/17/2020 Tach - 4362.4 AFTT - 4362.4

Performed an annual inspection of this aircraft IAW FAR 43 Appx "D" & the Cessna 182 Maintenance Manual Inspection checklist items as required. Complied with the following:

A.D. 2011-10-09 Cessna seat security, visual and dimensional inspection, no grounding defects noted at this time.

Next due ~ APRIL 2021 or AFTT - 4462.4 whichever comes first.

A.D. 76-07-12 Bendix ignition switch, engine quit in the "off" position, no defects noted, Next due ~ AFTT - 4462.4

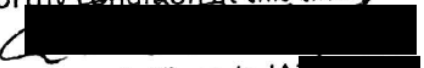
All A.D.'s checked current to 2020-08 no new applicable. A complete list of A.D.'s and compliance may be found in the aircraft records. Complied with the ELT Annual inspection IAW FAR 91.207 (d), Batt Exp ~ MAY 2021, no defects noted.

Removed the main landing gear leg assemblies from the aircraft. MLG assemblies were cleaned, inspected using NDT Methods, heat treated, shot peened and primed by The Landing Gear Works, Invoice No. 2020-022 dated March 13, 2020. Reinstalled overhauled MLG assemblies on the aircraft with all new hardware as required. Installed a

new aircraft battery p/n SBS J16 at this time. Installed a new bracket air induction filter p/n BA8103-1 and Gyro central air filter p/n AAD9-18-1. Installed uAvionix STC No. SA04362CH, Automatic Dependent Surveillance-Broadcast OUT beacon p/n UAV-1002183-001 in accordance with the installation instructions, see FAA Form 337 for approval and

details. Aircraft exterior cleaned as required. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time.

LK Leon L. Kiana Jr. IA

DATE 19 ____	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
5/2/19		<u>N3206U 5/02/2019 Tach - 4337.0 AFTT - 4337.0</u>
Tach:		Performed an annual inspection of this aircraft IAW FAR 43 Appendix "D" and the Cessna 182 Maintenance Manual inspection checklist items as required. Complied with the following:
4337.0		A.D. 2011-10-09 Cessna seat security, visual and dimensional inspection, no grounding defects noted at this time. Next due ~ MAY 2020 or AFTT - 4437.0
AFTT:		A.D. 76-07-12 Bendix ignition switch, engine quit in the "off" position, no defects noted, Next due ~ AFTT - 4437.0
4337.0		All A.D.'s checked current to 2019-08, no new applicable. A complete list of A.D.'s and compliance may be found in the aircraft records. Complied with the annual inspection of the ELT unit IAW FAR 91.207 (d), Batt Exp ~ MAY 2021, no defects noted. Removed the original ELT Velcro style base mount p/n 452-3034 and replaced it with a new Artex metal strap equipped base mount p/n 452-3034-1. Complied with the Door Steward installation inspection checklist as required, no defects noted. Installed a new Brackett BA8103-1 induction air filter. Installed a new right wing, main fuel tank drain valve assembly with a new SAF-AIR p/n 4375 valve and safety wired. Informed aircraft owner of one missing VG vane on the right wing inboard section. Aircraft exterior washed. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time.
		 Leon L. Kiana Jr. IA