



61062

[illegible]

Description of Inspections, Tests, Repairs and Alterations

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

Installed new EGT probe. Checked operation normal.

David R. Stokes
owner ATP

08/05	1,102.8	0.7	3,480.2	Flew airplane, heating engine oil, Drained oil. Refilled with 7 quarts of Aeroshell W15~W50
-------	---------	-----	---------	---

David R. Stokes
owner ATP

ENG
F

YEAR
20 _____
DATE

BEFORE TAKEOFF

- + Check brakes
- + Set altimeter
- + Set trim tab for takeoff position
- + Check oil pressure and oil temperature

nd Alterations

cate Number of
specific entries.)

oshell

450742

sure line

360020220

(54.7)

Fiber

e

n

YEAR 20 <u>23</u> 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.)
3-07-23	1035.7	0.3	3390.8	Replaced 12 spark plugs with new Tempest UREM40E plugs, [REDACTED] David R. Stokes owner ATF [REDACTED]
			3430.3	
6-22-23	1052.9	2.5	3408.0	TSMO 551.2 Drained o.i. Refilled with 8 Quarts Aeroshell W15W-50 checked no leaks at Filter, [REDACTED] David R. Stokes owner ATF [REDACTED]

N1249D

3-1-2024

TACH: 1074.4

TSMOH: 572.7 (500 hr. mag. ck. due @Tach 1154.7)

Completed ANNUAL INSPECTION: cleaned and gapped spark plugs; checked Magneto to engine timing; checked cylinder
compression: #1 77/80, #2 68/80, #3 76/80, #4 74/80, #5 72/80, #6 79/80; Performed Run-up to check per performance and oil leaks. I
verify the ENGINE identified above has been inspected and/or repaired IAW an ANNUAL INSPECTION and found to be in an
worthy condition. The aircraft or component identified above was inspected and/or repaired in accordance with current regulations of
the Federal Aviation Administration and is approved for return to service for the work performed.

Gary Grimmonpre [REDACTED]

IA

YEAR 20 <u>22</u> 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.)
8-01-22	1,013.1	0.3	3,390.5	TSMO, 511.4 Drained oil. Refilled with 7 Quarks Aeroshell W75-W50 [REDACTED]
8-01-22	1,013.1	0.3	3390.5	David R. Stokes, owner, ATP3450742 Replaced solid copper oil pressure line with flexible hose assembly, 193000220 [REDACTED] David R. Stokes, owner, ATP [REDACTED]

ENGI
E

N1249D
3-1-2023 TACH: 1034.7 TSMOH: 533.0 (500 hr. mag. ck. due @Tach 1154.7)

Completed ANNUAL INSPECTION: cleaned and gapped spark plugs; checked Magneto to engine timing; checked cylinder compression: #1 78/80, #2 70/80, #3 77/80, #4 75/80, #5 75/80, #6 79/80; Due to leakage around the push shaft for the pinion gear replaced starter with serviceable unit. Started and ran engine no leaks noted. Complied/w AD 22-04-04 Stratus Oil Filter Adapter Fiber Gasket Oil Loss. IAW Service Bulletin SB001. Performed Run-up to check per performance and oil leaks. I certify the ENGINE identified above has been inspected and/or repaired IAW an ANNUAL INSPCTION and found to be in an airworthy condition. The aircraft or component identified above was inspected and/or repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

[REDACTED]
Gary Grimmonpre [REDACTED] IA

YEAR
20 23
DATE
3-07-

6-22

Repairs and Alterations

ing and Certificate Number of
ages for other specific entries.)

oil and changed
quarts AeroShell
checked normal.
ed no leaks,
and cowb.

ATK

TSLA: 30.4

50: cleaned and gapped
to muffler shroud. checked
at this time.) Performed Run-
repaired IAW an ANNUAL
ected and/or repaired in
vice for the work performed.

Refilled with
o,

BEFORE TAKEOFF

- + Check brakes
- + Set altimeter
- + Set trim tab for takeoff position

N1249D
YEA 2-1-2020

TACH: 938.5

TSMOH: 436.8

TSLA: 40.0

ations

ber of
entries.)

20 - Completed ANNUAL INSPECTION: changed oil, cut filter, no metal found, serviced with 8 quarts of, 15W50: cleaned and gapped
DAT spark plugs; checked Magneto to engine timing; solvent washed engine; checked cylinder compression: #1 78/80, #2 71/80, #3 78/80, #4
76/80, #5 76/80, #6 77/80; Complied/w AD (None at this time.) Performed Run-up to check per performance and oil leaks. I certify the
ENGINE identified above has been inspected and/or repaired IAW an ANNUAL INSPCTION and found to be in an airworthy
condition. The aircraft or component identified above was inspected and/or repaired in accordance with current regulations of the
Federal Aviation Administration and is approved for return to service for the work performed.

Gary Grimmonpre IA

~~7-14-2021 957.6~~

8-01-2021

965.8

0.3

3343.2

TSMO 464.1 Drained oil.
Refilled with 7 quarts AeroShell
15W-50.

David R. Stokes, owner, ATP

N1249D
3-5-2022

TACH: 995.0

TSMOH: 493.3

Completed ANNUAL INSPECTION: cleaned and gapped spark plugs; checked Magneto to engine timing; checked cylinder
compression: #1 77/80, #2 70/80, #3 76/80, #4 75/80, #5 77/80, #6 78/80; Complied/w NO AD's at this time. Performed Run-up to
check per performance and oil leaks. I certify the ENGINE identified above has been inspected and/or repaired IAW an ANNUAL
INSPCTION and found to be in an airworthy condition. The aircraft or component identified above was inspected and/or repaired in
accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Gary Grimmonpre IA

YEAR 20 <u>10</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE <u>hrs</u> 3717.0 <u>2879.1</u>	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.)
	<u>501.7</u>		<u>2879.1</u> <u>hrs</u>	

MAKE Continental **MODEL** C145-2 **S/N** 4790-D-9-2
Total Time (engine shop error) 3717 **Hours** 2879.1 **Time Since Major Overhaul** ZERO **Hours**
 This engine was disassembled, cleaned, inspected and reassembled with necessary new parts in accordance with a major overhaul as per the manufacturer's current overhaul manual X30013 New tolerances and clearances were maintained. A detailed parts list is on file at this agency. The following accessories were overhauled or exchanged. See maintenance releases in this logbook.
 Installed (6) new ECI Nickel Bore Cylinder Assemblies, P/N TISN61.1DCA. Assembled with crankcase reconditioned by Divco, Inc., WDC 10984, 530803 camshaft and 530851 tappet bodies, reconditioned by Aircraft Specialites Services, Inc., and oil sump, P/N 530763 reconditioned by Drake Air, Inc. Supplied carburetor, P/N 10-4895-1, S/N MS381001, overhauled by Volare Carburetors, LLC. Installed left magneto, P/N 10-51365-39, S/N 238324 and right magneto, P/N 10-51365-39, S/N D199408DR after inspection and repair by Poplar Grove Airmotive with 313.8 hours since overhaul. Installed existing starter, P/N 1109656, S/N 19450 with 313.8 hours since overhaul. Generator, P/N 1101898, S/N 35A 831, inspected by Poplar Grove Airmotive with 313.8 hours since overhaul. ---END----

All applicable airworthiness directives and related factory publications have been checked for compliance at this date. See list in this log book. This engine was test run in an FAA approved test cell and meets specifications. The aircraft engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of repair are on file at this repair station under:

Work Order # [REDACTED] **Date** 9/27/2010

Poplar Grove Airmotive, Inc.

Poplar Grove Airport, Poplar Grove, IL

FAA Approved Repair Station # [REDACTED]

Signed for Poplar Grove Airmotive, Inc.

- BEFORE TAKEOFF**
- + Check brakes
 - + Set altimeter
 - + Set trim tab for takeoff position
 - + Check oil pressure and oil temperature
 - + Check magnetos at 1600 RPM
 - + Check carburetor heat at 1600 RPM

Repairs and Alterations

Certificate Number of
(Enter specific entries.)

790-D-9-2

ZERO Hours

overhaul

tained. A detailed
this logbook.

ed with crankcase
ditioned by Aircraft
carburetor, P/N 10-
N 10-51365-39, S/N
by Poplar Grove
0 with 313.8 hours
e with 313.8 hours

st in this log
as repaired
ce for the

010

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.)

ENGINE AD COMPLIANCE STATUS

MANUFACTURER: Continental		ENGINE MODEL: C-145-2	S/N: 4790-D-9-2	WO #	3495
AD #	DESCRIPTION	COMPLIANCE STATUS			
#49-50-01	generator drive coupling	C/W I/A/W SB95-3B			
#50-20-01	crankcase/cylinders	N/A by engine S/N			
#94-05-05 R1	rocker shaft boss	N/A by cylinder manufacturer			
#02-13-04	magneto impulse coupling	N/A by impulse coupling replacement			
FAA-certified Repair Station				Date 9/27/2010	