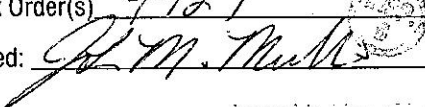


Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

6-25-01					
Hebb's T-T					A/C Frame 4293X 3956 installed engine with new mounts, hoses overhauled propellers and prop gear see air frame log this date AP470 803573 Pgs. Creg.
					Replaced starter AP470803501 Pgs. Creg.
3975					oil filter change AP470803573 Pgs. Creg.

DATE 03/01/02 A/C HRS. 4085.3 N# 4293X
 LT Eng Log Book.
 Replaced Exh stacks on #1-#2-#3
 #4 #5 cyls. Adj Eng fuel press
 to specs.

For pertinent details of this maintenance action reference
 Work Order(s) 9927
 Signed:  Des Moines Flying Service, Inc.
 Des Moines, Iowa
 FAA Approved Repair Station
 G9CR485J
 Issued in Lieu of Logbook Entry.



Fargo Jet Center, Inc.

3802 20th St North
Fargo, ND 58102
Phone: 701-235-3600

DATE: 9/16/2003
TTA:
TTE (L):
HOBBS: 4365.5

Maintenance Record

Business Directives, Special Inspections,
15

Repair Station No. CTUR016D

Left Engine Entries

(2) C/W 100 hour insp. of L/H engine.... (6) C/W Compression check L/H engine. #1 71, #2 69, #3 71, #4 72, #5 74, and #6 75 all over 80.... (8) Drain oil & remove filter L/H engine. Installed a new CH48108 oil filter and serviced with 8 Qts of Aeroshell 15w50 oil. Insp. removed filter no defects noted at this time. Performed ground run no leaks noted at this time.... (21) Tightened L/H engine oil cooler tension block...

Date: 5/14/03 Hobbs: 43615 TT: 409.5 TSO: N/A I certify that this Engine has been inspected in accordance with an 100 hr inspection and was determined to be in an airworthy condition. Work Order: 4627 Signed: [Signature] for Fargo Jet Center, Inc. 3802 20th ST. North Fargo, ND 58102 FAA Approved Repair Station No. CTU0016D

DATE: 9/16/2003

SIGNED:

WORK ORDER: 4627

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D.L. Aviation, Inc.
24813 Hwy 10 West
Detroit Lakes, MN 56501
Ph: 218-847-3233
Fax: 218-847-8290

N4293X Date: 10/15/2004 Hobbs: 4485.9 Left Engine TT: 529.9

- C/W a 100-Hour Inspection IAW Piper Model PA34-220T Maintenance manuals.
- Drained oil and removed filter installed new filter PN: CH48108 and serviced with 8 qts. Aeroshell 15W50 oil.
- Compression checks #1-75, #2-73, #3-70, #4-70, #5-75, #6-75 all readings taken over 80 psi.
- Replaced all engine flexible fluid carrying hoses with new.
- Replaced all spark plugs with new PN: URHM38E.
- Replaced engine induction air filter with new PN: BA-3.
- Replaced L/H magneto with a rebuilt unit PN: BL-500556-103 SN: Do4LA094R see Teledyne Continental Motors W/O# P74914 dated 12/10/2004 for details of the repair.
- Replaced three (3) airbox camlock assemblies with new PN: 494-060 and 487-724.
- All work performed IAW Piper and other required maintenance manuals.
- Ground run-up leak and functional checks ok.

Date: 10/15/2004 Hobbs Mtr: 4485.9 TT: 529.9
[SO: New I certify that this Left Engine
has been inspected in accordance with a 100-Hour
inspection and was determined to be in an airworthy condition.

Signed: Mike Selnes A&P 483744068 IA Date: 10/15/2004

Mike DeVries
D.L. Aviation, Inc.
24813 Hwy 10 West Detroit Lakes, MN 56501

4/14 4/14 Installed 10/15/04
 Hobbs: 4485.9
 N4293A

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE FAA Form 8130-3, AIRWORTHINESS	
4. Organization Name and Address		Teledyne Continental Motors P.O. Box 90 Mobile, Alabama 36601	
6. Item: 1	7. Description MAGNETO		
10. Quantity 1	11. Serial/Batch Number D04LA094R		

[illegible]

N4293X TACH 4738.6 TSMOH 782.6 DATE 6/7/07

DRAINED OIL AND SERVICED WITH 8 QTS 15W50 AEROSHELL
REMOVED AND REPLACED OIL FILTER PN CH48108-1
AD RESEARCH COMPLETED THRU THIS DATE
SEE AD LIST FOR COMPLIANCE
COMPRESSION CHECK ALL CYL 78/80 OR BETTER
REMOVED AND REPLACED AIR FILTER PN BA-3

I certify that this engine has been inspected iaw a 100 hr inspection and found to be
in an airworthy condition

Signed [Signature] ADP 3201764 Date 6/7/07

Detroit Lakes Aviation
24813 Hwy 10 West
Detroit Lakes MN 56501

Service and Maintenance Record

Inspections, Airworthiness Directives, Special Inspections,
and Service Bulletins

N4293X HOBBS 4831.5 TSMOH 875.5 DATE 8/11/08

Completed AD search thru this date. See AD list for compliance.
Compression check Cyl # 1 76/80 #2 79/80 #3 70/80 #4 73/80 #5 74/80 #6 75/80
Drained oil, replaced filter with new unit P/N CH48108-1. Serviced engine with 8
qts. Aeroshell 15W50. Cut filter open, no unusual contaminants noted at this time.

I certify that this engine has been inspected IAW a 100 hr inspection and was found
to be in an airworthy condition

Signed [Signature] ADP 3201764 Date 8/11/08

Detroit Lakes Aviation
24813 Hwy 10 W
Detroit Lakes MN 56501

N4293X HOBBS 4890.5 SMOH 934.5 DATE 8-19-09

AD search completed thru this date. See AD list for compliance.

Compression Check all Cyl 75/80 or better
Drained oil and serviced with 8 qts Aeroshell 15W50
Removed and replaced oil filter P/N CH48108-1
Removed and replaced air filter P/N BA-3

I certify that this engine has been inspected IAW a 100 hr
inspection and was found to be in an airworthy condition

Signed [Signature] ADP 3201764 Date 8/19/09

Detroit Lakes Aviation
24813 Hwy 10W
Detroit Lakes MN 56501

24813 Hwy 10W
Detroit Lakes MN 56501

Detroit Lakes Aviation
24813 Hwy 10 W
Detroit Lakes MN 56501

24813 Hwy 10W
Detroit Lakes MN 56501

Signed Erik Carlson Date 1/19-11
Erik Carlson A&P 2826620

24813 Hwy 10W
Detroit Lakes MN 56501

Signed Erik Carlson Date 6-7-2012
Erik Carlson A&P 2826620

24813 Hwy 10W
Detroit Lakes MN 56501

Signed Erik Carlson Date 12-15-2012
Erik Carlson A&P 2826620

Signed Erik Carlson Date 11-8-2013
Erik Carlson A&P 2826620

Signed Erik Carlson Date 1-4-14
Erik Carlson A&P 2826620

[illegible]

Replaced LH engine driven fuel pump and sent out for repairs. See D&G Supply
#12-19274 for repair details. Reinstalled and set fuels IAW Teledyne Continental
#13 Operational and leak checks satisfactory.
Signed Erik Carlson Date 5-14-14
Erik Carlson A&P 2826620

DETROIT LAKES

24813 Hwy 10 West Detroit Lakes, MN 56501

DETROIT LAKES

24813 Hwy 10W
Detroit Lakes MN 56501

N4293X May 14, 2014 Hobbs 5286.5

Replaced LH engine driven fuel pump and sent out for repairs. See D&G Supply
#12-19274 for repair details. Reinstalled and set fuels IAW Teledyne Continental
#13 Operational and leak checks satisfactory.

Signed Erik Carlson Date 5-14-14
Erik Carlson A&P 2826620

DETROIT LAKES

24813 Hwy 10W
Detroit Lakes MN 56501

N4293X August 14, 2014 Hobbs 5320.5

Replaced LH vacuum pump with overhauled unit. PN AA441CC-7, SN-06DJ02. See
Aero Accessories, Inc. work order #H06DJ-0000 for overhaul details. Operational and
leak checks satisfactory.

Signed Erik Carlson Date 8-14-2014
Erik Carlson A&P 2826620

DETROIT LAKES

24813 Hwy 10W
Detroit Lakes MN 56501

Left engine

N4293X January 1, 2015 Hobbs 5358.4 TSOH 1402.4

Performed compression check. Results as follows: # 1-70/80, # 2-70/80, #3-
72/80, #4-65/80, #5-70/80 and #6-72/80. Drained oil, replaced oil filter with
new CH48108-1. Cut filter open and inspected. No unusual contaminants noted
at this time. Serviced engine with 8qt. Aeroshell 15W50. Replaced magnetos
with Continental overhauled magnetos, new wire harnesses and new URM38E
plugs. Ground ran aircraft. Operational and leak checks good. Ad search
complied with thru this date.

I Certify that this aircraft engine has been inspected in accordance with 100 hr.
inspection and was determined to be in airworthy condition.

Signed Erik Carlson Date 1-1-2015
Erik Carlson A&P 2826620

DETROIT LAKES

24813 Hwy 10W
Detroit Lakes MN 56501

Left engine

N4293X March 1, 2016 Hobbs 5465.9 TSOH 1509.9

Performed compression check. Results as follows: # 1-70/80, # 2-74/80, #3-
60/80, #4-68/80, #5-79/80 and #6-70/80. Drained oil, replaced oil filter with
new CH48108-1. Cut filter open and inspected. No unusual contaminants noted
at this time. Serviced engine with 8qt. Aeroshell 15W50. Replaced o/b exhaust
gaskets with new. Ground ran aircraft. Operational and leak checks good. Ad
search complied with thru this date.

I Certify that this aircraft engine has been inspected in accordance with 100 hr.
inspection and was determined to be in airworthy condition.

Signed Erik Carlson Date 3-1-2016
Erik Carlson A&P 2826620

DETROIT LAKES

24813 Hwy 10W
Detroit Lakes MN 56501

Left engine

N4293X April 1, 2017 Hobbs 5492.0 TSOH 1536.0

Performed compression check. Results as follows: # 1-76/80, # 2-75/80, #3-
72/80, #4-66/80, #5-78/80 and #6-66/80. Drained oil, replaced oil filter with
new CH48108-1. Cut filter open and inspected. No unusual contaminants noted
at this time. Serviced engine with 8qt. Aeroshell 15W50. Ground ran aircraft.
Operational and leak checks good. Ad search complied with thru this date.

I Certify that this aircraft engine has been inspected in accordance with 100 hr.
inspection and was determined to be in airworthy condition.

Signed Erik Carlson Date 4-1-17
Erik Carlson A&P 2826620

DETROIT LAKES

24813 Hwy 10W
Detroit Lakes MN 56501

Left engine

N4293X August 31, 2017 Hobbs 5545.0 TSOH 1589.0

Drained oil, replaced oil filter with new AA48108-2. Cut filter open and
inspected. No unusual contaminants noted at this time. Serviced engine with
8qt. Aeroshell 15W50. Cleaned fuel injectors. Replaced injector orings P/N
630979-9 and rubber washers P/N 633958-3. Set fuel IAW TCM SID97-3E.
Ground ran aircraft. Operational and leak checks good.

Signed Mark Bergen Date 8/31/17
Mark Bergen A&P 3204764

