

LYCOMING

A Textron Company

652 Oliver Street
Williamsport, PA. 17701 U.S.A.

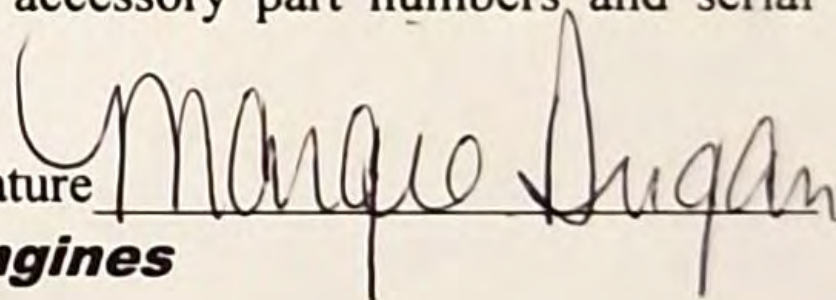
TLRED-489

(Rev. 3-02)

This engine has been ~~overhauled~~/rebuilt in accordance with the applicable Lycoming manuals. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: IO-360-A1B6D
Serial #: RL-15547-51A
Total Time: 0.0
Work Order #: GJ199734
Date Completed: 1/25/03

Authorized Signature



Lycoming Engines

652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

ENGINE DESCRIPTION

Mfgr. **TEXTRON LYCOMING**

Place **Williamsport, PA 17701**

Date **6-19-03**

Type

Model **I/O-360-A1B6D** Serial No. **RL-15547-51A**

Rated H.P.

Max. H.P.

Weight (Dry)

Rated R.P.M.

Max. R.P.M.

Oil Pressure

Bore

Stroke

Displacement

Cu. In.

Compression Ratio

Supercharger Ratio

Reduction Gear Ratio

Propeller **McCaughey**

Hub Design ^{MOD} **B2034C207-B** Hub Serial No. **022317**

Blade Design ^{MOD} **G-78TC1A-0**

Blade Serial No. **1 XE 26120** Blade Serial No. **XE 26128**

Max. Hub H.P.

Max. Blade H.P.

Pitch

Diameter

Length

Name

Address

N700CD

6-20-03 TACH: 3904.4 TT:0.0

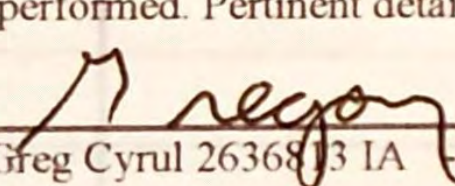
ENGINE LOG

Date

Installed Lycoming Rebuilt engine Mod No. IO-360-A1B6D, S/N RL-15547-51A on Cessna 177RG, S/N177RG0788, serviced with 8 quarts of Phillips 20 W 50 type M; checked magneto to engine timing; All engine AD's complied with , performed run-up to check for performance and oil leaks; I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION 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. Pertinent details of the repair are on file at this repair station under WO# 2098.

Cessna
Number

SIGNED

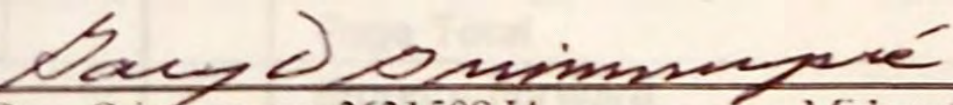

Greg Cyril 2636813 IA ----- Midwest Flight Check CRS# MFKR583K

N700CD

7-20-04 TACH: 3935.2 T 3935.2 TSMOH: 30.8

Completed ANNUAL INSPECTION: changed oil ; cut filter, no metal found; serviced with 8quarts of Phillips 20W50 Type M ; cleaned and gapped spark plugs; checked magneto to engine timing; solvent washed engine; checked cylinder compression: #1 78/80; #2 77/80; #3 79/80; #4 76/80; Complied w/AD's 2002-26-01 Inspection of fuel lines. performed run-up to check for performance and oil leaks; I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION 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. Pertinent details of the repair are on file at this repair station under WO# 2271.

SIGNED


Gary Grimmonpre 2621508 IA ----- Midwest Flight Check

N700CD

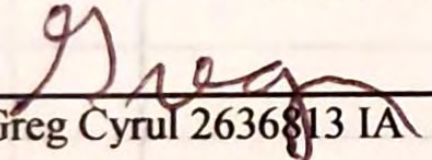
8-18-05 TACH: 3954.1 TT: 3954.1

TTSOH 49.7 hrs

Completed ANNUAL INSPECTION: changed oil ; cut filter; no metal found; serviced with 8 quarts of Aeroshell 15 W 50; cleaned and gapped spark plugs; checked magneto to engine timing; solvent washed engine; checked cylinder compression: #1 79 /80; #2 78 /80; #3 78 /80; #4 78 /80; Complied w/AD's 2002-26-01 inspection of fuel injection lines. Performed run-up to check for performance and oil leaks; I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION 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. Pertinent details of the repair are on file at this repair station under WO# 2439.

cense
umber

SIGNED

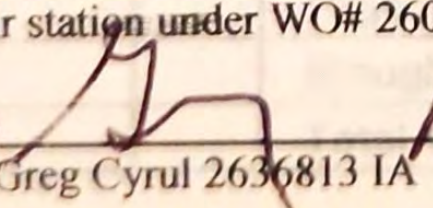

Greg Cyril 2636813 IA ----- Midwest Flight Check

N700CD

10-03-06 TACH: 3977.5 TT: 3977.5 TSMOH: 73.1

Completed ANNUAL INSPECTION: changed oil ; cut filter; no metal found; serviced with 8 quarts of Aeroshell 15 W 50; cleaned and gapped spark plugs; checked magneto to engine timing; solvent washed engine; checked cylinder compression: #1 74 /80; #2 76 /80; #3 75 /80; #4 76 /80; #5 /80; #6 /80; performed run-up to check for performance and oil leaks; I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION 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. Pertinent details of the repair are on file at this repair station under WO# 2603.

SIGNED


Greg Cyril 2636813 IA ----- Midwest Flight Check

Date 06/15/09 T.T. 87.4 Hr. Meter/Tach Indication 3991.8 TSMOH 87.4

TSTOH _____ Engine Inspection Performed in Accordance with FAR PART 43.

Engine compartment X Engine Mount X Engine Controls X Cowling X

Cleaned Fuel Injector Nozzles + Cleaned & Gapped Spark Plugs X

Checked & Cleaned Air Filter X Cooling Baffles X Cylinder Base Studs X

Crankcase Bolts & Nuts X Intake & Exhaust Systems X

Oil Screens/Filter Element Checked X Oil Filter Changed CH48103

Oil Changed-Service with Aeroshell 15W50

Fuel Sumps Drained & Checked X Fuel Screens Checked X

Magneto Points & Timing Checked X Carburetor Heat Checked X A/E

Prop Governor Checked X Prop Condition Checked X

Nicks Removed From Prop Edges _____ Differential Compression Checked as Follows:

#1 76 #2 78 #3 79 #4 76 #5 _____ #6 _____ #7 _____ #8 _____ #9 _____

AD Compliance List at Rear of Log. AD Compliance Checked Through Issue 2009/12

I Certify That This Engine Has Been Inspected In Accordance With A ANNUAL

Inspection And Was Found to be in Airworthy Condition.

Signed Edward D VanReeth A & P # 357465746 IA

Edward D VanReeth

Serial No. _____

Signature	License Number
<u>CW AD 08-14-07 by</u>	
<u>inspection AD 06-20-09</u>	
<u>NA by date of</u>	
<u>engine O/H AD</u>	
<u>08-19-05 NA no Eci</u>	
<u>cyl installed.</u>	
<u>Replaced left heat</u>	
<u>scatt here to fw.</u>	

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All Repair Data must bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

Date 08 10 5 2010 T.T. 37724 Hr. 588 Meter/Tach Indication 39924 TSMOH 88.0

TSTOH Engine Inspection Performed in Accordance with FAR PART 43.

Engine compartment Engine Mount X Engine Controls X Cowling X

Cleaned Fuel Injector Nozzles Cleaned & Gapped Spark Plugs X

Checked & Cleaned Air Filter X Cooling Baffles Cylinder Base Studs X

Crankcase Bolts & Nuts X Intake & Exhaust Systems X

Oil Screens/Filter Element Checked Oil Filter Changed not changed

Oil Changed-Service with not changed

Fuel Sumps Drained & Checked X Fuel Screens Checked X

Magneto Points & Timing Checked X Carburetor Heat Checked X

Prop Governor Checked X Prop Condition Checked X

Nicks Removed From Prop Edges Differential Compression Checked as Follows:

#1 77 #2 78 #3 79 #4 75 #5 #6 #7 #8 #9

AD Compliance List at Rear of Log. AD Compliance Checked Through Issue 2010/17

I Certify That This Engine Has Been Inspected In Accordance With A Annual

Inspection And Was Found to be in Airworthy Condition.

Signed Robert Cosman A & P # 2681097 IA

Robert COSMAN

Serial No.

Signature	License Number
<u>CW AD 08-14-07 by insp</u>	
<u>next due 4092, 4 π</u>	
<u>AD 2009-02-03 N/A</u>	
<u>no sewo Remonks</u>	
<u>Oil and filter were</u>	
<u>not changed they</u>	
<u>only had 6 hrs</u>	
<u>accumulated.</u>	

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All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

Date 02/13/2012 T.T/05.7 Hr. Meter/Tach Indication 4010.1 TSMOH 105.7

TSTOH Engine Inspection Performed in Accordance with FAR PART 43.

Engine compartment X Engine Mount X Engine Controls X Cowling X

Cleaned Fuel Injector Nozzles X Cleaned & Gapped Spark Plugs X

Checked & Cleaned Air Filter X Cooling Baffles X Cylinder Base Studs X

Crankcase Bolts & Nuts X Intake & Exhaust Systems X

Oil Screens/Filter Element Checked X Oil Filter Changed CH 48103-1

Oil Changed-Service with Aeroshell 15W50

Fuel Sumps Drained & Checked X Fuel Screens Checked X

Magneto Points & Timing Checked X Carburetor Heat Checked X

Prop Governor Checked X Prop Condition Checked X

Nicks Removed From Prop Edges Differential Compression Checked as Follows:

#1 80 #2 76 #3 79 #4 79 #5 #6 #7 #8 #9

AD Compliance List at Rear of Log. AD Compliance Checked Through Issue 2012102

I Certify That This Engine Has Been Inspected In Accordance With A Annual

Inspection And Was Found to be in Airworthy Condition.

Signed Edward D VanReeth A & P # 3502862 IA

Edward D VanReeth

erial No.

Signature	License Number
<u>CWO AD 2008-14-07</u>	<u>24-07</u>
<u>inspection</u>	
 	
 	
 	
 	
 	
 	
 	
 	

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	Total to Date


the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

7/26/19 4043.7TT Airframe, 139.3 SMOH Engine

Drained oil and replaced with 7qts. Aeroshell 15W50 Oil. Replaced Champion CH4103-1 oil filter and safety wire. Engine test-run and no leaks noted.

Signed:  Matthew Brinker

Owner, pilot license #4051200

License Number

wo: EWO_4588

Engine page 1 of 1

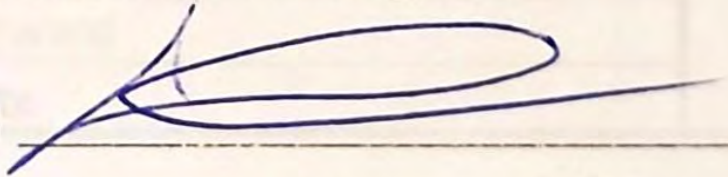


Lapeer Aviation · 1232 Roods Lake Rd. · Lapeer, MI 48446 · 810-664-6966 · CRS# L9PR971N

N700CD
Tach: 4058.5

January 2, 2020

Drained oil, serviced with 7 qts AeroShell 15w-50 and 1 pint CamGuard additive. Replaced filter with new p/n CH48103-1; inspected old filter, no contamination found. Oil sample extracted and sent to ALS Tribology for analysis. With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Lapeer Aviation under work order: EWO_4588.

Jay Burton A&P / IA L9PR971N 

Aviation Plus LLC

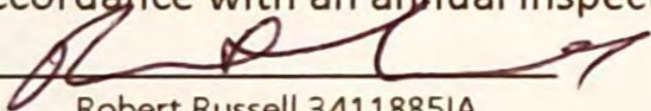
262-656-1260

Aviationplusllc.com

Date

01/24/2020 N700CD Tach 4061 TTE SFREM 157

Compressions: 1)77, 2)77, 3)76, 4)75. Cleaned injectors. Added anti-chafe protection to #2 rocker box return line. Replaced #3 EGT clamp for old EGT system probe. CW AD 15-19-07 injector lines and supports, visual, due 100hrs. All routine items checked per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.



Robert Russell 3411885IA

5/09/20 4073.7TT Airframe, 169.3 SMOH Engine

Drained oil and replaced with 7qts. Aeroshell 15W50 Oil. Replaced Champion CH48103-1 oil filter and safety wire. Engine test-run and no leaks noted.

Signed:  Matthew Brinker

Owner, pilot license #4051200

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

11/14/20 4090.5TT Airframe, 186.1 SMOH Engine
Drained oil and replaced with 7qts. Phillips X/C 20W50 Oil. Replaced Champion
CH48103-1 oil filter and safety wire. Engine test-run and no leaks noted.

Date

Signed:  Matthew Brinker

License
Number

Owner, pilot license #4051200

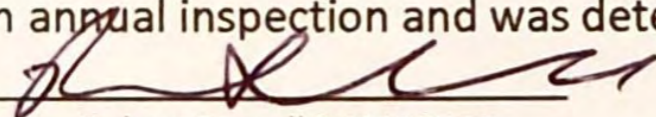
Aviation Plus Services LLC

262-656-1260

Aviationplusllc.com

02/19/2021 N700CD Tach 4100 TTE SFREM 196

Compressions: 1)77, 2)77, 3)78, 4)76. CW AD 15-19-07 injector lines and supports, visual, due 100hrs. All routine items checked as per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.



Robert Russell 3411885 IA

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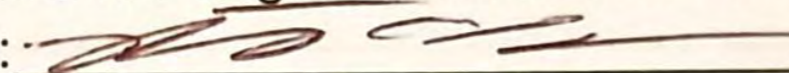
Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date

5/29/21 4105.5TT Airframe, 201.1 SMOH Engine
Drained oil and replaced with 7qts. Phillips X/C 20W50 Oil. Replaced Champion
CH48103-1 oil filter and safety wire. Replaced 4 spark plugs with Tempest
URHM38S XL. Engine test-run and no leaks noted.
Signed:  Matthew Brinker
Owner, pilot license #4051200

License
Number

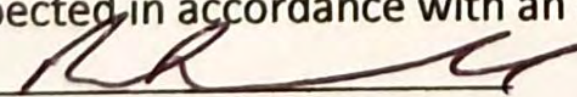
Aviation Plus LLC

262-656-1260

Aviationplusllc.com

04/01/2022 N700CD Tach 4125 TTE SFREM 221

Compressions: 1)78, 2)77, 3)74, 4)75. Replaced #2 intake gasket. CW AD 15-19-07 injector lines and supports, visual, due 100hrs. All routine items checked per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.


Robert Russell 3411885IA


ENGINE LOG

Serial No. _____

Da

6/2/22 4138.1TT Airframe, 233.7 SMOH Engine

Drained oil and replaced with 7qts. Phillips X/C 20W50 Oil. Replaced Champion CH48103-1 oil filter and safety wire.

Signed:  Matthew Brinker

Owner, pilot license #4051200

License
Number

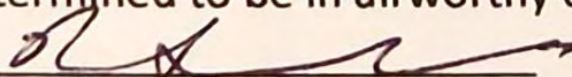
Aviation Plus LLC

262-656-1260

Aviationplusllc.com

06/12/2023 N700CD Tach 4149 TTE SFREM 245

Compressions: 1)78,2)77 3)77, 4)77. Changed oil only (7qts Phillips 20W50). Added snubber to Manifold pressure line. CW AD 15-19-07 injector lines and supports, visual, due 100hrs. All routine items checked per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.



Robert Russell 3411885IA