



Transport
Canada

Transports
Canada

C-6/MLC

TP 14182
(Revised 05/2005)

LOG S/N: 02

Engine Logbook

TC1001185



05/2005

Canada

Volume #: _____

Opened on: _____

ENGINE DETAILS

1. Manufacturer Teledyne Continental

2. Type/Model/Series I0-550-N27B

3. Serial Number 913973

Signature

Project: 4199
Aircraft: C-GMLC

LogID: 709
Aircraft TT: 900.1 hrs



Customer references - PO: Verbal; Inspection program: N/A

Work requested: 50 hr inspection

Work performed:

[Task: 5927; ATA:05]; Discrepancy : Perform all tasks required by 50 hr inspection.

Rectification : All tasks required by 50 hr inspection c/out IAW MM 05 -20. Oil filter CH48109-1 replaced by new. Oil filter cut/opened and inspected, no contamination found. Engine oil renewed 15W50.

Ground run c/out and found serviceable. No leak found.

Oxygen cylinder refilled with Aviator Oxygen IAW POH Section 9. No leak found.

[Task: 5928; ATA:05]; Discrepancy : AD 2009-24-52 to be checked if applicable on engine.

Rectification : AD2009-24-52 (Rapid wear on the face of hydraulic lifters) checked and found not applicable on engine IO-550-N S/N:913973.

Engine IO-550-N S/N:913973 repaired on Oct 05/2007 and no hydraulic lifters replaced since June 19/2009.

CA007

The work described above has been performed in accordance with the applicable standards of airworthiness.

TrueNorth Aviation
AMO/OMA 11-77

24 novembre 2009

Martin Tremblay

CA007

AME/TEA identification

Signature

AC
SC



Project: 4220

LogID: 723

Aircraft: C-GMLC

Aircraft TT: 935.6 hrs

Customer references - PO: Verbal; Inspection program: N/A

Work requested: Starter problem.

Work performed:

[Task: 6028; ATA:80]; Discrepancy : Starter problem, with starter on (energize), engine do not turn. Report by owner/pilot.

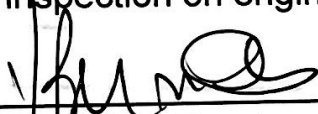
Rectification : Troubleshooted and found starter adapter assy

P/N:642083A12 faulty. (slipping clutch inside starter adapter assy)

Starter adapter assy P/N:642083A12 replaced by P/N:642083A12-R-E (overhaul) IAW TCM Maintenance Manual Section 17-9.

Ground run c/out and no leak found. Starter and starter adapter assy found serviceable.

Dual inspection on engine mixture control for safety, c/out by:


Yves Bernier

Lic: PCAO

The work described above has been performed in accordance with the applicable standards of airworthiness.

TrueNorth Aviation
AMO/OMA 11-77

29 janvier 2010



Martin Tremblay

CAC07

AME/TEA identification

Signature

Project: 4223
Aircraft: C-GMLC

LogID: 725
Aircraft TT: 938.9 hrs



Customer references - PO: Verbal; Inspection program: N/A

Work requested: Alternator 2 inop. + Stall warning checked

Work performed:

[Task: 6033; ATA:24]; Discrepancy : Owner/pilot report: Alternator 2 inoperative light steady illuminating during last flight.

Rectification : Checked alternator 2 IAW MM 24-00 and no fault found. Checked 40 amp fuse and found good. Checked voltage regulator and found serviceable. Performed operational inspection of MCU IAW MM 24-30 and no fault found.

Not able to duplicated alternator 2 problem.

[Task: 6034; ATA:27]; Discrepancy : Owner/pilot report: In-flight level, stall warning goes "on" (buzz) for a long period. After landing, stall warning stay "on" for few minutes.

Rectification : Tested stall warning pressure switch IAW MM 27-31 and not able to duplicated reported problem. Blow stall warning line with clean compressed air, no fault found. Ground operational check on stall warning c/out and no fault found.

Not able to duplicated reported stall warning problem.

The work described above has been performed in accordance with the applicable standards of airworthiness.

TrueNorth Aviation
AMO/OMA 11-77

18 février 2010

Martin Tremblay

AME/TEA identification

Signature

AME
ACA/AMC
SCA/AMC

Project: 10013
Aircraft: C-GMLC

LogID: 740
Aircraft TT: 961.6 hrs



Customer references - PO: Verbal; Inspection program: N/A

Work requested: 100 hr inspection

Work performed:

[Task: 15120; ATA:05]; Discrepancy : Perform all task require by 100 hr inspection inspection as per customer request.

Rectification : All task required by 100 hr inspection c/out IAW MM 05-20. Oil filter CH48109-1 replaced by new. Engine oil renewed 15W50. Ground run c/out and found serviceable. No leak found.

Dual inspection on L/H aileron installation for safety and proper direction of movement, c/out.

[Task: 15149; ATA:32]; Discrepancy : During 100 hr inspection, found R/H tire worn. Need to be replaced.

Rectification : R/H tire P/N:301-249-438 S/Noff:32111137 replaced by P/N:301-249-438 S/Non:91697099 (new) IAW MM Chapter 32.

Tire found serviceable.

[Task: 15122; ATA:74]; Discrepancy : Both magnetos due for 500 hr inspection. Both magneto send to J-Air inc. for inspection.

Rectification : R/H magneto P/N:10-500556-1 S/N:D04KA115 re-installed after overhaul by J-Air inc. (refer to PO:25026) IAW Continental Engine MM Chapter 12. Overhaul date: April 26/2010.

L/H magneto P/N:10-500556-1 S/N:D05DA052 re-installed after overhaul by J-Air inc. (refer to PO:25026) IAW Continental Engine MM Chapter 12. Overhaul date: April 26/2010.

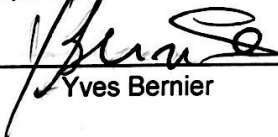
Ground run c/out and found serviceable. No leak found.

[Task: 15123; ATA:74]; Discrepancy : During 100 hr inspection, found induction duct and air filter assy worn. To be replaced.

Rectification : Induction duct P/N:15708-003 replaced by new IAW MM 71-60 & SB2x-71-12R2. Air filter assy P/N:50207-001 replaced by new IAW MM 71-60.

Ground run c/out and found serviceable.

Dual inspection on L/H aileron installation for safety and proper direction of movement, c/out by:


Yves Bernier

Lic: PCOCO

The work described above has been performed in accordance with the applicable standards of airworthiness.

Azimuth AeroMaintenance
AMO/OMA 29-09

29 avril 2010


Martin Tremblay

CAO 7

AME/TEA identification

Signature

AC
SC

Project: 10119
Aircraft: C-GMLC

LogID: 790
Aircraft TT: 1012.8 hrs



Customer references - PO: verbal; Inspection program: N/A

Work requested: 50 Hrs insp

Work performed:

[Task: 15393; ATA:05]; Discrepancy : 50 Hrs inspection due as per Customers request.
Rectification : All tasks required by 50 hr inspection c/out IAW MM 05-20. Oil filter CH48109-1 replaced by new. Oil filter cut-open and inspected, no contamination found.
Engine oil renewed 15W50. Ground run c/out and found serviceable. No leak found.

[Task: 15400; ATA:25]; Discrepancy : Annual recertification due on cockpit fire extinguisher
Rectification : Annual recertification of cockpit fire extinguisher Model: RT-A600 sn: P-008451 c/out in accordance with applicable CAR's. New serviceable tag produced.

Weight: 719g

Certification date: Aug 3,2010 Next due date: Aug 3,2011

[Task: 15402; ATA:32]; Discrepancy : During 50 Hrs inspection found all tires soft.

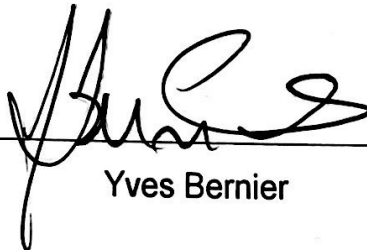
Rectification : Service all tires with nitrogen (62psi Main & 40psi Nose) as per Cirrus MM12-10 page 3.

[Task: 15401; ATA:34]; Discrepancy : Magnetic compass swing due as per CAR'S 625 appendice "C".

Rectification : Magnetic Compass and Magnetometer calibration completed and no fault found. All work performed as per Cirrus Maintenance Manuel Model SR22 / 34-20 3 A.(5) & 34-20 3 G. (3) and in accordance with STD 625 appendix C.

The work described above has been performed in accordance with the applicable standards of airworthiness.

4 août 2010


Yves Bernier

Azimuth AeroMaintenance
AMO/OMA 29-09



AME/TEA identification

Signature

AC
SC



Project: 10239
Aircraft: C-GMLC

LogID: 859
Aircraft TT: 1086.1 hrs

Customer references - PO: Verbal; Inspection program: N/A

Work requested: Perform 100hr/annual inspection.

Work performed:

[Task: 15653; ATA:05]; Discrepancy : Perform 100hr/annual inspection.
Rectification : All tasks required by annual inspection c/out IAW MM 05-20.
Oil filter P/N:CH48109 replaced by new. Engine oil 15W50 renewed. Ground run c/out and no leak found. Aircraft serviceable.

[Task: 15683; ATA:74]; Discrepancy : All spark plugs to be replaced as per owner request.

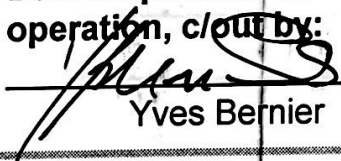
Rectification : All spark plugs P/N:RHB-32S replaced by new IAW Continental MM 12-4.

Ground run c/out and found serviceable.

[Task: 15768; ATA:77]; Discrepancy : Found on ground run, EGT cyl #1 indication faulty (intermittant)

Rectification : Inspection of electrical harness and found EGT cyl #1 EGT sensor harness broken. Replaced EGT sensor #1 pn: 12641-001 (AF1103620) by pn: 16579-002 (AF1144002): NEW. Replaced EGT #1 female connector pn: 51576-001, terminal 51575-001 and 51574-001 by new (po.: 20190). Operation ground run check completed and no fault found. Work performed as per CIRRUS SR22 MM 77-20 and in accordance with SB 2X-77-02 R2.

Dual inspection on L/H aileron installation for safety and proper operation, c/out by:


Yves Bernier

Lic: PCO10

The work described above has been performed in accordance with the applicable standards of airworthiness.

Azimuth AeroMaintenance
AMO/OMA 29-09

13 décembre 2010



Martin Tremblay



AME/TEA identification

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Time RUN	Details of task
April 20, 2011	-	1086.1	-	40.7	
April 20, 2011	-	1132.8	-	-	
 <p>LANDMARK AVIATION 14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400 C-GMLC Date: April 11, 2011 Model # Cirrus SR-22 S/N 0735 HOBBS: 1409.3 AIRFRAME LOG ENTRY</p> <p>Removed muffler p/n 14836-001 and installed new muffle p/n same.</p> <p>Removed heat exchanger p/n 1437-001 and installed new exchanger p/n same.</p> <p>I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. C29-11-00774</p> <p><i>[Signature]</i> LANDMARK AVIATION FAA CRS# LN3R663L</p>					
<p>Forgotten ENTRY April 07, 2011 ENG. HRS = 1122.1 HRS</p>					
September 16, 2011					

Signature

AME
ACA/AMO
SCA/AMO



Melanie Fortin

Project: 10403
Aircraft: C-GMLC

LogID: 957
Aircraft TT: 1132.8 hrs

Customer references - PO: Verbal; Inspection program: N/A

Work requested: 50 hr inspection

Work performed:

[Task: 16352; ATA:05]; Discrepancy : Perform 50 hr inspection (customer request).

Rectification : All tasks required by 50 hr inspection c/out IAW MM 05-20. Oil filter CH48109-1 replaced by new. Oil filter cut-open and inspected, no contamination found.

Engine oil renewed 15W50. Ground run c/out and found serviceable. No leak found.

M.T.

The work described above has been performed in accordance with the applicable standards of airworthiness.

Azimuth AeroMaintenance
AMO/OMA 29-09

20 avril 2011

Martin Tremblay

Martin Tremblay

CA07

AME/TEA identification

Melanie Fortin

Signature

Melanie Godwin

Project: 10603
Aircraft: C-GMLC

LogID: 1091
Aircraft TT: 1188.6 hrs



Customer references - PO: Verbal; Inspection program: N/A

Work requested: Perform 100hr/Annual inspection

Work performed:

[Task: 16983; ATA:05]; Discrepancy : Perform 100hr/Annual inspection. (customer request)
Rectification : All task required by 100 hr inspection c/out IAW MM 05-20. Oil filter CH48109-1 replaced by new. Engine oil renewed 15W50. Ground run c/out and found serviceable. No leak found.

Dual inspection on L/H aileron installation for safety and proper direction of movement, c/out.

[Task: 17043; ATA:05]; Discrepancy : First aid kit certification found expired.

Rectification : Annual recertification c/out and found OK. New seal installed.

FAK1151, S/N: N/A.

[Task: 17044; ATA:32]; Discrepancy : On 100 Hrs insp, found brakes linings worn out on both MLG.

Rectification : Brakes linings replaced on both MLG brakes system as per MM32-42.

Operational check c/out and found serviceable.

Dual inspection on L/H aileron installation for safety and operation, c/out by:

[Signature]
Yves Bernier

Lic: PC010

[Signature]

The work described above has been performed in accordance with the applicable standards of airworthiness.

Azimuth AeroMaintenance
AMO/OMA 29-09

16 septembre 2011

[Signature]

Martin Tremblay

[Signature]

AME/TEA identification

[Signature]

Signature

A
ACA
SCA

Melanie...

Project: 10778
Aircraft: C-GMLC

LogID: 1171
Aircraft TT: 1239.4 hrs



Customer references - PO: Verbal; Inspection program: N/A

Work requested: 50 hrs inspection

Work performed:

[Task: 17446; ATA:05]; Discrepancy : Perform 50 hrs inspection as per owner request.
Rectification : All tasks required by 50 hr inspection c/out IAW MM 05-20. Oil filter CH48109-1 replaced by new. Oil filter cut-open and inspected, no contamination found.
Engine oil renewed 15W50. Ground run c/out and found serviceable. No leak found.

[Task: 17506; ATA:28]; Discrepancy : During 50 hrs inspection, found fuel filter screen distorted. Need to be replaced.
Rectification : Fuel filter screen P/N:50908-001 replaced by new IAW MM 28-20.
Operational check c/out and no leak found.

[Task: 17503; ATA:32]; Discrepancy : During 50 hrs inspection, found R/H main landing gear inner fairing support bracket broken. Need to be replaced by new.
Rectification : R/H main landing gear inner fairing support bracket P/N:17205-002 replaced by new IAW MM 32-10.
Operational check c/out and found serviceable.

[Task: 17447; ATA:71]; Discrepancy : Owner/pilot report mag drop on engine. To be checked.
Rectification : Troubleshoot and found bottom spark plug of cylinder #5 fouled. All spark plug cleaned for preventive maintenance. Spark plug gap adjusted. Spark plug reinstalled. Ground run c/out and no fault found.

[Task: 17502; ATA:73]; Discrepancy : During 50 hrs inspection, found fuel leak at mechanical fuel pump. Fuel leak at mixture control shaft.
Rectification : Engine mechanical fuel pump P/N:655921-1A5 S/No: B03IA317 removed and sent to Aero-Atelier for repair. Engine mechanical fuel pump P/N:655921-1A5 S/No: B03IA317 (repaired) reinstalled IAW MM 17-11.4.
Ground run c/out and found serviceable. No leak found.

[Task: 17508; ATA:CR]; Discrepancy : Check AD2012-01-11 if applicable. Log entry required.
Rectification : AD2012-01-11 to inspect and modify the air box flange welds and slots and install induction system air box seals found not applicable by aircraft model: SR22.
No further action required.

Dual inspection on mixture control at fuel pump for safety and operation, c/out by:

Yves Bernier
Yves Bernier

Lic: *PCO10*

MAJ

The work described above has been performed in accordance with the applicable standards of airworthiness.

Azimuth AeroMaintenance
AMO/OMA 29-09

30 janvier 2012

Martin Tremblay

Martin Tremblay

CA007

AME/TEA identification

Melanie...

Signature

AME
ACA/AMO
SCA/AMO

Melanie Fortin

Project: 10825
Aircraft: C-GMLC

LogID: 1185
Aircraft TT: 1241.0 hrs



Customer references - PO: Verbal; Inspection program: N/A

Work requested: Starter problem

Work performed:

[Task: 17557; ATA:80]; Discrepancy : Starter problem, with starter on (energize), propeller turn and stop when engine reaches compression. Report by owner/pilot.
Rectification : Troubleshoot and found starter adapter slipping.
Starter adapter P/N:642083A12 S/N: A0143 removed IAW TCM Maintenance Manual Section 17-9 and sent to Aéro-Atelier for repair.
Starter adapter P/N:642083A12 S/N: 0143 reinstalled after repair IAW TCM Maintenance Manual Section 17-9.
Operational check c/out and found serviceable. No leak found.

Dual inspection on mixture control for safety and operation, c/out by:

Martin Tremblay
Martin Tremblay

Lic: CA007

The work described above has been performed in accordance with the applicable standards of airworthiness.

Azimuth AeroMaintenance
AMO/OMA 29-09

21 février 2012

Gerry Trépanier
Gerry Trépanier

Melanie Fortin
AME/TEA identification

Melanie Fortin

Project: 10850
Aircraft: C-GMLC

LogID: 1189
Aircraft TT: 1241.0 hrs



Customer references - PO: Verbal; Inspection program: N/A

Work requested: AD2012-03-06 to be check if applicable.

Work performed:

[Task: 17606; ATA:CR]; Discrepancy : As per customer request, AD2012-03-06 to be check if applicable. Log entry required.
Rectification : AD2012-03-06 to prevent an in-flight engine shutdown due to a failed fuel servo diaphragm, found not applicable by fuel servo model.
No further action required.

The work described above has been performed in accordance with the applicable standards of airworthiness.

Azimuth AeroMaintenance
AMO/OMA 29-09

29 février 2012

Martin Tremblay
Martin Tremblay

CA007
AME/TEA identification

Melanie Fortin

Signature

AME
ACA/AMO
SCA/AMO

Melanie Bates



Project: 11083
Aircraft: C-GMLC

LogID: 1350
Aircraft TT: 1289.7 hrs

Customer references - PO: verbal; Inspection program: N/A

Work requested: 50 Hrs insp + snags

Work performed:

[Task: 18246; ATA:05]; Discrepancy : As per customers request, perform 50 hrs insp
 Rectification : All tasks required by 50 hr inspection c/out IAW MM 05-20. Oil filter CH48109-1 replaced by new. Oil filter cut-open and inspected, no contamination found.
 Engine oil renewed 15W50. Ground run c/out and found serviceable. No leak found.

[Task: 18248; ATA:05]; Discrepancy : Elt found past expiration date: Nov 1, 2010. Elt requires recertification. ACK Model: E-10 S/N: 046906.
 Rectification : Elt failed certification. 121.5 & 243.0 MHz out of tolerance. Elt replaced with identical part ACK Model: E-10 S/N: 050734 (status: serv PO: 26511). Battery due date: AUG 2014. ELT post installation check in aircraft completed and no fault found. All works completed as per manufactures specifications and in accordance with STD 571 appendix G.

[Task: 18247; ATA:24]; Discrepancy : Analog ammeter needle fluctuation
 Rectification : MCU 100 P/N: 14600-002 S/N: 00877 removed and inspection found corrosion on logic control unit pins, battery current sensor pins, J108 & J111 board connectors. Corrosion found on multiple terminals on reverse side of board. Corrosion removed and pins/sockets cleaned. Unit reinstalled and electrical system fault remained. Unit removed and replaced with MCU120 P/N: 16600-001 S/N: 00827 (status: new PO:26514) MCU100 discontinued and MCU120 is a direct replacement from Cirrus. Electrical system functional carried out serviceable. All work performed as per Cirrus MM 24-30.

[Task: 18251; ATA:24]; Discrepancy : Battery #2 assy removed and to be inspected and top-charged as per MM 24-30 (every 6 month). Battery P/N: 50979-001.
 Rectification : Battery #2 assy inspected and top-charged as per Cirrus MM 24-30. Battery assy re-installed and electrical system functional carried out serviceable. All work performed as per manufacture's MM 24-30.

[Task: 18267; ATA:24]; Discrepancy : Battery #1 unable to maintain charge. Battery #1 P/N: G-243 S/N: G02255103 removed.
 Rectification : Battery #1 replaced with P/N: G-243 S/N: G02727048 (status: new PO: 26506) Battery prepared and charged as per manufacture's instructions provided. Battery electrical system #1 functional check to be carried out after new MCU 120 installed (ref Task: 18247). Battery electrical system #1 tested after MCU 120 replacement. Found serviceable.

MAT

The work described above has been performed in accordance with the applicable standards of airworthiness.

Azimuth AeroMaintenance
AMO/OMA 29-09

30 août 2012

Martin Tremblay

Martin Tremblay

CAC07

AME/TEA identification

Melanie Bates

Signature

AME
ACA/AMO
SCA/AMO

Michael Fortin

Aircraft registration: CLIENT-
OCCASIONNEL
Work report number: 216
Date: déc. 07, 2012
Journey log

3971830 Canada inc. 5800, route de l'Aéroport Saint-
Hubert (Québec) J3Y 8Y9 AMO 28-12 Ph. Office: 450-
445-4444 Fax: 450-926-0430



Aircraft TTAF : 1343.1
Landing : 0.0

Item	Description	Correction
1	100 HRS inspection Req'd by customer	100 HRS inspection C/OUT as per cirrus maintenance programme dated May 31 2011. Oil filter removed, opened, inspected and replaced with new P/N CH48109. Engine oil serviced with aeroshell 15W50.
2	CF90-03R2, exhaust heater inspection due	Exhaust heater inspected as per Cf90-03R2, No defect found
3	Bracket air filter to be replace	bracket air filter replaced with new P/N BA-24 as per B.A.F document I-194.
4	Portable Fire Extinguisher Inspection	Fire extinguisher inspected as per manufacturer info. No defect found
5	First Aid Kit Inspection	First aid kit inspected as per CAR's 723.82 AND Règlement sur la sécurité et la santé au travail (aéronefs) Partie X
7	L/H Tire worn	L/H tire replaced with new P/N 301-249-420 as per MM 32-41
8	R/H tire worn	R/H tire replaced with new P/N 301-249-420 as per MM 32-41
9	R/H brake disc is out of limits	R/H disc replaced with new P/N 164-01501 as per MM 32-41
10	All R/H MLG lining to be replace	All R/H lining replaced with new P/N RA66-105 as per MM 32-42
12	Found TKS leak at FS 222	functional test C/OUT and found leak on proportioning unit, horizontal. Fitting found loose. fitting tightened and secured. functional test C/OUT and no leak found.
13	clearance between pick up collar and BH222 is below 0.400 inch	We found arround 0.390 inch between pick up collar and BH222. We ask at fieldservice@cirrusdesing.com. if it's acceptable and his anser was : that is acceptable and proper.
14	L/H tail nav light inop	L/H tail nav light replaced with new P/N 50911-001 as per MM 33-40. functional test C/OUT and found serviceable
15	Pilot seat recline system is hard to move	Pilot seat recline system adjusted as per MM 25-10. Functional test C/OUT and found serviceable
16	Copilot seat recline system is hard to move	Copilot seat recline system adjusted as per MM 25-10. Functional test C/OUT and found serviceable
17	Unable to adjust L/H magneto	L/H magneto removed and found condensateur inop. L/H condensator replaced with new P/N 10-400615. L/H magneto reinstalled as per Continental manual M-16 6.3-9.1
18	Cabin air control temperature knob is hard to move	Found control cable kinked strait cable and adjusted control as per MM 21-60
19	Engine alternate air control chaffed with metered fuel supply line between fuel servo and distributor	Engine alternate air control secured as required with lacing P/N T1223K
20	Brake reservoir oil supply line is kinked	Remake brake line and reinstalled on aircraft as per standard practice. functional test C/OUT and no leak found
21	Engine baffle is cracked at fwr R/H corner	Baffle repaired as per AC43-13-1B section 4
22	upper rivet on rudder tab is loose	rivet replaced as per AC43-13-1B section 4
23	Battery 1 negative pole nipple is torn	Battery 1 negative pole nipple P/N MS25171-2S replaced with new as per standard practice

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Guillaume Daigle License no. #1, AMO 28-12

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583372
80
aca

Michael Fortin

Signature

AME
ACA/AMO
SCA/AMO

Project: 11334
Aircraft: C-GMLC

LogID: 1504
Aircraft TT: 1366.6 hrs



Customer references - PO: Verbal; Inspection program: N/A

Work requested: Inspection following propeller strike on ground.

Work performed:

[Task: 18814; ATA:05]; Discrepancy : Propeller to be removed and send to Hope Aero for blade strike of rotating propeller.

Rectification : Propeller P/N: D3A34C443/78CYA-0, S/N: 023167, TTSOH: 763.6 Hrs removed and send for prop strike inspection.

[Task: 18815; ATA:05]; Discrepancy : Propeller governor to be removed and sent to Hope Aero for governor exposed to propeller ground strike inspection.

Rectification : Propeller Governor P/N: C290D3-R/T23, S/N: 03-0939 removed and send for O/H due to prop strike.

[Task: 18816; ATA:05]; Discrepancy : Engine to be removed and sent for propeller strike inspection.

Rectification : Engine P/N: IO-550-N27B, S/N: 913973 TTSN: 1366.6 Hrs removed and send for prop strike insp.

The work described above has been performed in accordance with the applicable standards of airworthiness.

5 février 2013

Yves Bernier

Azimuth AeroMaintenance
AMO/OMA 29-09

AME/TEA identification



Project: 11334 LogID: 1603
Aircraft: C-GMLC Aircraft TT: 1366.6 hrs

Customer references - PO: Verbal; Inspection program: N/A

Work requested: Inspection following propeller strike on ground.

Work performed:

[Task: 19219; ATA:34]; Discrepancy : During inspection, found transponder antenna cracked.
Rectification : Removed transponder antenna p/n: CI 101 and replaced by equivalent part number p/n: 104-12 (status: NEW; p/o: 63357). Operational ground ramp check of transponder and found transponder system unserviceable. Troubleshooting: Found Garmin transponder Model: GTX 327 p/n: 011-00490-00 s/n: 83715053 faulty. Replaced by Garmin transponder model: GTX 327 LOANER UNIT # 2503 p/n: 011-00490-00 s/n: 83746517 (status: NEW p/o: 26775). Certification date: FEB 21 2013. Operational ground ramp check of transponder system completed and no fault found. All works completed as per manufactures specifications and as per STD 571 appendix F.

[Task: 18846; ATA:71]; Discrepancy : After engine removal, suspected cracks on engine mount at bottom fitting attachment. Engine mount to be removed for NDT.

Rectification : Engine mount removed from aircraft IAW MM 71-20. Engine mount sent to Tomgats for NDT. Fluorescent Magnetic Particles inspection c/out (Tomgats W/O: 1792) and two (2) cracks found on L/H and R/H side, at bottom fittings attachment.

[Task: 18847; ATA:71]; Discrepancy : Engine mount P/N: 15546-003 S/N: 0185 sent to Acorn Welding for complete inspection and repair as require.

Rectification : Engine mount P/N: 15546-003 S/N: 0185 has been repaired by Acorn Welding (Refer to W/O: 31907). Engine mount installed on aircraft IAW MM 71-20.

[Task: 19243; ATA:71]; Discrepancy : Engine Model: IO-550N27B S/N: 913973, propeller Model: D3A34C443-A S/N: 023167 and propeller governor P/N: C290D3-R/T23 S/N: 030939 to be reinstalled on aircraft.

Rectification : Engine Model: IO-550N27B S/N: 913973 (Repaired) TTSN: 1366.6 hrs installed IAW MM 71-00. Propeller Model: D3A34C443-A S/N: 023167 (Overhauled) TSO: 0.0 hrs installed IAW MM 61-10. Propeller governor P/N: C290D3-R/T23 S/N: 030939 (Overhauled) TSO: 0.0 hrs installed IAW MM 61-20. Ground run c/out and found serviceable. No leak found.

[Task: 18883; ATA:CR]; Discrepancy : Magnetic particles inspection on upper puck pan bolt P/N: AN178-45A (Qty:1), engine mount retaining bolts P/N: AN8-16A (Qty:2) & P/N: AN8-20A (Qty:2). Suspect crack upon hard landing and prop strike.

Rectification : All bolts described above has been magnetic particles inspected (Refer to Tomgats W/O: 1835) and no crack indication found.

Dual inspection on throttle control installation, mixture control installation and propeller governor control installation for safety and operation, c/out by:


Yves Bernier

Lic: PC010

Conditional to a satisfactory flight test and sign by pilot.

Michel Bourbeau

Lic: _____

The work described above has been performed in accordance with the applicable standards of airworthiness.

Azimuth AeroMaintenance
AMO/OMA 29-09

2 mai 2013


Martin Tremblay


AME/TEA identification

Signature



Project: 11525 LogID: 1620
Aircraft: C-GMLC Aircraft TT: 1366.9 hrs

Customer references - PO: verbal; Inspection program: n/a

Work requested: Traffic advisory always ON on ground.

Work performed:

[Task: 19335; ATA:34]; Discrepancy : Customer report traffic advisory warning on ground.
Rectification : Troubleshoot and found wrong configuration of XPDR GTX-327. Reconfigure correctly as per Cirrus SR22 maintenance manual Chap 34-50 section G.
Operational ground ramp check of transponder completed and no fault found.
[Task: 19336; ATA:71]; Discrepancy : Customer reported: Engine shutdown when throttle back to idle.
Rectification : Ground run c/out and engine idle RPM adjusted IAW MM 73-20.
[Task: 19337; ATA:71]; Discrepancy : Customer reported: Engine not able to reach max RPM. Always 2650 RPM in lieu of 2700 RPM.
Rectification : Ground run c/out and engine max RPM adjusted IAW MM 61-20.

The work described above has been performed in accordance with the applicable standards of airworthiness.

Azimuth AeroMaintenance
AMO/OMA 29-09

16 mai 2013

Martin Tremblay

CADOT
AME/TEA identification

Make: TCM
Model: IO-550-N
S/N: 917973
Reg #: N270MW



Date: 01/24/2014
Hobbs: 1341.7
?

Engine Entries:

Performed engine annual/100HR inspection as per Cirrus SR22 AMM chapter 5-10, 5-20 and 5-30. Researched ADs through T-data bi-weekly issue 2013-26, all ADs are in compliance at this time. Performed engine compression and boroscope inspections, no discrepancies noted on boroscope inspection, compressions are as follows: #1 62/80 #2 69/80, #3 70/80, #4 68/80, #5 72/80, #6 72/80, work performed as per TCM SB03-3. Removed, cleaned, inspected, gapped, tested, rotated and reinstalled spark plugs as per Champion AV-6 and Cirrus SR22 AMM chapter 74, function check good. Removed, cleaned, inspected and reinstalled fuel injection nozzles, leak check good, work performed as per TCM FI-02 manual. Verified fuel pressures referencing TCM SID 97-3 in its latest revision, check good. Performed magneto to engine timing inspection, check good. Washed engine and performed post annual ground run and leak check, checks good. I certify that this engine has been inspected in accordance with an annual/100HR inspection and has been determined to be in an airworthy condition.

The airframe, engine, propeller identified herein was inspected and/or repaired in accordance with the current Federal Aviation Regulations and in regards to the work listed herein is approved for return to service as per those requirements.

DATE: 01/24/2014 SIGNATURE: CERTIFICATE NUMBER: AP28480861A
Scott Schelde
END

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
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Midwest Aircraft Refinishing
11038 Hwy 37 Bld A Box 8
Hibbing, MN 55746 (218)404-0314

Cirrus Design Corp SR22 18 Feb 2014
N270MW 22-0735 Hobbs- 1853.6 Ft-1462.1
Engine Entry

Drained Engine oil and removed filter. Inspected filter with no anomalies noted. Installed new filter, Champion CH48108-1. Serviced engine with 7 quarts of Exxon Elite 20W50, and safetied drain plug and oil filter. Ground ran engine with no leaks noted. Replaced all spark plugs with new Tempest Massives, P/N URHB32E. Replaced both ignition harnesses with new PMA'd Skytronics ignition harnesses. Removed Iskra starter and installed rebuilt Hartzell Energizer starter P/N 646275-1. Installed Updated W&B in POH. All work performed IAW CMI IO-550 MM.

Ross W. Robillard

A&P # 3353760

Signature 



Midwest Aircraft Refinishing
11038 Hwy 37 Bld A Box 8
Hibbing, MN 55746 (218)404-0314

Cirrus Design Corp SR22 25 Feb 2014
N270MW 22-0735 Hobbs- 1888.7 Ft-1491.9
Engine Entry

Drained Engine oil and removed filter. Inspected filter with no anomalies noted. Installed new filter, Champion CH48108-1. Serviced engine with 7 quarts of Exxon Elite 20W50, and safetied drain plug and oil filter. Ground ran engine with no leaks noted. All work performed IAW CMI IO-550 MM.

Ross W. Robillard

A&P # 3353760

Signature 

Landmark Aviation

Engine Log

Joe Foss Field
Sioux Falls SD

DATE	MAKE/MODEL	HOUR METER	FLIGHT HOBBS	REGISTRATION	SERIAL NUMBER
3-4-14	TCM/IO550	1894.7	1497.0	N270MW	913973

- Removed Prop. Removed and replaced crankshaft seal with new P/N 641250. Reinstalled Prop and Torqued to specs. Serviced with 1 qt Exxon Elite 20W50 oil. Ground run and leak checked ok.
MAINTENANCE RELEASE: The aircraft and/or component identified was repaired in accordance with current Federal Aviation regulations and is approved for return to service. Details on file at this agency under W.O. #58986

Signed 

Dan Konzem

CRS # DDNR793K

3501 Aviation Av. Sioux Falls, SD 57104



Midwest Aircraft Refinishing
11038 Hwy 37 Bld A Box 8
Hibbing, MN 55746 (218)404-0314

Cirrus Design Corp SR22 13 Mar 2014
N270MW 22-0735 Hobbs- 1513 Ft-700.9
Engine Entry

Removed and replaced Alternator #1 P/N 646843 with new unit IAW SR22 AMM CH 24-30. Ops and Leak checks good.

Ross W. Robillard

A&P # 3353760

Signature 

Signature

AME
ACA/AMO
SCA/AMO

ENGINE MODEL:
IO-550-N27B
ENGINE S/N: 913973
REG. NO: N270MW
WORK ORDER:
6155-03-2014



Twin Cities Aviation, Inc.

Repair Station No. 5TCR105B
8891 Airport Rd #A-2
Blaine, Minnesota 55449
Phone: 763-784-9165

DATE: 3/26/2014
A/C TSN: 1521.1
ENG TT: 1521.1
TACH: 59.3

Engine Entries

Removed and replaced starter drive adapter PN: 642083A12S, SN:26253, starter drive adapter overhauled by Bolduc aviation, installed starter drive adapter with new basket PN: 653470, functional and leak check satisfactory—Complied with 50 hour oil change, drained oil, captured oil sample, removed filter, inspected filter, installed new oil filter, P/N: AA48108-2, verified drain closed/locked/safetied, serviced engine with 7 qts Exxon Elite 20W50. Ground run, ops check and leak check satisfactory.—Removed and replaced fuel flow molex connector PN: 1-480702-0, applied stabilant 22 to fuel flow connector pins, functional check satisfactory.—Installed new crank seal. P/N: 641250, and sealed with 3M 1300L sealant. No leaks detected.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 3/26/2014

SIGNED:

Work Order: 6155-03-2014

Wilder Morey
Certified Repair Station No. 5TCR105B

Printed by EBis 3 (datcomedia.com)

Maintenance Entry N270MW

FLT: 1561.1 HOBBS : 1968.0

Replaced #2 cylinder assy P/N 655932NI IAW TCM MM , replaced #2 exhaust collector P/N15072-001 IAW Cirrus SR22 AMM 78-00 and standard maintenance practices. Ops check and test flight satisfactory

Scott Schelde A&P 2848086

Landmark Aviation

Engine Log

Joe Foss Field
Sioux Falls SD

DATE	MAKE/MODEL	HOUR METER	SMOH	REGISTRATION	SERIAL NUMBER
5/27/14	TCM/IO550	1984.1		270MW	913973

- Changed oil and filter. Serviced with 8 qts Phillips X/C 20W50. Inspected oil filter for contamination with no defect found.
- Oil Sample taken
- Replaced #4 EGT Probe with new P/N 16579-002.
- Ground run ops and leak checked ok

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired in accordance with current federal aviation regulations and is approved for return to service. Details on file at this agency under W.O. # 59154

Signed

Chris Hoffman

CRS # DDNR793K

3501 Aviation Av. Sioux Falls, SD 57104

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
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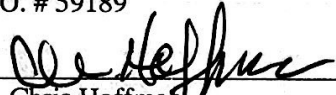
Landmark Aviation

Engine Log Joe Foss Field
Sioux Falls SD

DATE	MAKE/MODEL	HOUR METER	SMOH	REGISTRATION	SERIAL NUMBER
5/27/14	TCM/IO550	2003.3		270MW	913973

- Owner noted low oil pressure at idle. Removed oil filter and inspected for metal contaminates with no defects noted. Replaced oil filter with new P/NCH48108-1. Removed and reinstalled oil pressure relief valve after resurfacing.
- Complete cylinder comp checks 1-78, 2-78, 3-70, 4-78, 5-78, 6-78.
- Ground run ops and leak checked ok

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired in accordance with current federal aviation regulations and is approved for return to service. Details on file at this agency under W.O. # 59189

Signed 
Chris Hoffman

CRS # DDNR793K 3501 Aviation Av. Sioux Falls, SD 57104

Landmark Aviation

Engine Log Joe Foss Field
Sioux Falls SD

DATE	MAKE/MODEL	HOUR METER	SMOH	REGISTRATION	SERIAL NUMBER
9-12-14	TCM/IO550	2068.9		270MW	913973

- Changed oil and filter. Serviced with 8 qts Phillips X/C 20W50 oil and CH48108-1 Filter.
- Oil sample taken and sent to Aviation Labs.
- Completed cylinder barrel leak check using SB96-12 as a guide.
- Removed and replaced #2 cylinder EGT probe with new P/N 16579-002.
- Replaced LH tail pipe clamp with new P/N 20166-001.
- Replace #2 cylinder spark plugs with new Tempest P/N URHB32E.
- Ground run ops and leak checked ok

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired in accordance with current federal aviation regulations and is approved for return to service. Details on file at this agency under W.O. # 59359

Signed 
Justin Kuipers

CRS # DDNR793K 3501 Aviation Av. Sioux Falls, SD 57104

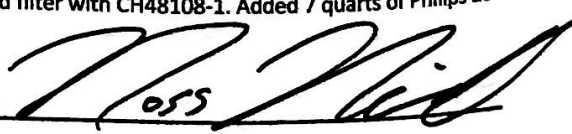


Midwest Aircraft Refinishing 11038 Hwy 37 Bld A Box 8 Hibbing, MN 55746 (218)404-0314	Cirrus Design Corp SR22 31 Oct 2014 N270MW 22-0735 Hobbs- 2121.7 Ft- 1698.4 Engine Entry
--	---

Borescoped all six cylinders with no anomalies noted. Drained engine oil and replaced filter with CH48108-1. Added 7 quarts of Philips 20W50 XC. Leak check good. Cut filter and inspected with no anomalies noted.

Ross W. Robillard

A&P # 3353760

Signature 

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Signature

AME
ACA/AMO
SCA/AMO

October 31, 2014

N270MW

Continental

McCauley

CIRRUS SR22

IO-550-N27

D3A3443-A

S/N 735

S/N 913973

S/N 023167

Hobbs 2111.8 Hrs

Hobbs 2111.8 Hrs

Hobbs 2111.8 Hrs

Flight 237.2 Hrs

Flight 237.2 Hrs

Flight 237.2 Hrs

Removed cowling, removed both magnetos and installed 500 hour inspected units from Bolduc Aviation S/N D04IA086R (left) and S/N D05LA248 (right), timed to 22 degrees BTDC. Replaced left muffler with overhauled unit from Dawley Aviation. Replaced Alternator #1 with owner supplied unit s/n H-O010154, installed ground strap to engine case. Adjusted high fuel flow up, adjusted idle mixture. Performed a dynamic propeller balance, initial IPS .548 IP/s reduced to .028 IP/s, installed one spinner tension shim. Lubricated control surface bearings. Installed cowling, ground run and leak check found satisfactory.

THIS AIRCRAFT ENGINE, PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE.

JIM BARKER A&P/IA 2755069

Hangar (715) 822 5787

Cell (715) 491 1303

Email jim@aviationvibes.com

AVIATION RESOURCES, LLC

101 Airport Ave Hangar 7

Cumberland, WI 54829

www.aviationvibes.com

Landmark Aviation

Engine Log

Joe Foss Field
Sioux Falls SD



DATE	MAKE/MODEL	HOUR METER	SMOH	REGISTRATION	SERIAL NUMBER
1-16-15	TCM/IO550	2160.8		270MW	913973

- Complied with a 100 hr Inspection in accordance with TCM IO550 M/M and FAR 43 Appendix D.
- Oil Sample taken.
- Changed Oil and Filter. Cut open Oil Filter and Inspected. No defects noted. Serviced with 8 qts. Phillips 20W50XC Oil and new Filter P/N CH48108-1.
- Compression Checks /80: 1) 78 2) 78 3) 68 4) 76 5) 78 6) 79
- Removed Induction Tubes and Fuel Injectors. Cleaned and Inspected Fuel Injectors. No defects noted. Reinstalled Fuel Injectors and Induction Tubes using new Induction Gaskets P/N 649950 and O-rings P/N 630979-9.
- Ground run, operational and leak check ok.

I certify that this engine has been inspected in accordance with a 100 hr inspection and has been determined to be in an airworthy condition. Pertinent details of this inspection are on file at this repair station under W.O. # 59695

Signed
Chris Hoffman

CRS # DDNR793K3501 Aviation Ave. Sioux Falls, SD 57104



Midwest Aircraft Refinishing
11038 Hwy 37 Bld A Box 8
Hibbing, MN 55746 (218)404-0314

Cirrus Design Corp SR22 17 Aug 2015
N270MW 22-0735 Hobbs- 2409.2 Flt- 1956.4
Engine Entry

Drained engine oil and replaced filter with CH48108-1. Added 7 quarts of Philips 20W50 XC and a half pint of camgaurd. Leak check good. Cut filter and inspected with no anomiles noted.

Ross W. Robillard

A&P # 3353760

Signature

Landmark Aviation

Engine Log

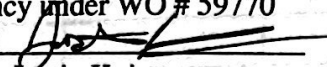
Joe Foss Field
Sioux Falls, SD

DATE	MAKE/MODEL	HOBBS	ETT	SMOH	REGISTRATION	SERIAL #
2-20-15	TCM/IO550N	2205.4			N270MW	913973

- Changed Oil and Filter. Serviced with 8 qts. Phillips 20W50XC oil and CH48108-1 filter. C/W Metal Particle Inspection. No defects noted.

Ground run and leak check ok.

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this agency under WO # 59770

Signed 
Justin Kuipers

CRS # DDNR793K 3501 Aviation Ave. Sioux Falls, SD 57104

Landmark Aviation

Engine Log


Joe Foss Field
Sioux Falls SD



DATE	MAKE/MODEL	HOUR METER	SMOH	REGISTRATION	SERIAL NUMBER
3-30-15	TCM/IO550	2251.2	2251.2	N270MW	913973

- Changed Oil and Filter. Cut open Oil Filter and Inspected. No defects noted. Serviced with 8 qts Phillips 20W50XC oil and CH48108-1 filter.

MAINTENANCE RELEASE: The aircraft and/or component identified was in accordance with current federal aviation regulations and is approved for return to service. Details on file at this agency. W.O. # 59831

Signed 
Dan Konzem

CRS # DDNR 793K 3501 Aviation Av. Sioux falls, SD 57104

Landmark Aviation

Engine Log

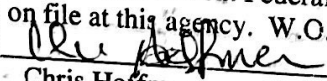
Joe Foss Field
Sioux Falls SD



DATE	MAKE/MODEL	HOUR METER	SMOH	REGISTRATION	SERIAL NUMBER
5-13-15	TCM/IO550	2296.1		N270MW	913973

- Changed Oil and Filter. Cut ^{open} Oil Filter and Inspected. No defects noted. Serviced with 6 qts. Phillips 20W50XC oil and CH48108-1 filter. Added 8 oz. Camguard.
- Ground run and leak check ok.

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this agency. W.O.# 59908

Signed 
Chris Hoffman

CRS # DDNR793K 3501 Aviation Ave. Sioux Falls, SD 57104

Landmark Aviation

Engine Log

Joe Foss Field
Sioux Falls SD



DATE	MAKE/MODEL	HOUR METER	SMOH	REGISTRATION	SERIAL NUMBER
6-25-15	TCM/IO550	2335.5		N270MW	913973

- Changed Oil and Filter. Cut open Oil Filter and Inspected. No defects noted. Serviced with 6 qts. Phillips 20W50XC oil and CH48108-1 filter. Added 8 oz. Camguard.
- Oil Sample taken.
- Ground run and leak check ok.

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this agency under W.O.# 59995

Signed *Matthew Jorgensen*

Matthew Jorgensen

CRS # DDNR793K 3501 Aviation Ave. Sioux Falls, SD 57104

Landmark Aviation

Engine Log

Joe Foss Field
Sioux Falls SD



DATE	MAKE/MODEL	HOUR METER	SMOH	REGISTRATION	SERIAL NUMBER
7-23-15	TCM/IO550	2373.7		N270MW	913973

- Changed Oil and Filter. Cut open Oil Filter and Inspected. No defects noted. Serviced with 7 qts. Phillips 20W50XC oil and CH48108-1 filter. Added 11 oz. Camguard.
- Oil Sample taken.
- Comp tests/80 1-79, 2-80,3-76, 4-74, 5-78, 6-76
- Cleaned and gapped and rotated all spark plugs.
- Checked mag timing and found to be within limits.
- Completed cylinder borescope inspection with no discrepancies noted at this time.
- Ground run and leak check ok.

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this agency under W.O. # 60054

Signed *Scott Barber*

Scott Barber

CRS # DDNR793K 3501 Aviation Ave. Sioux Falls, SD 57104

Landmark Aviation

Engine Log

Joe Foss Field
Sioux Falls SD



DATE	MAKE/MODEL	HOUR METER	SMOH	REGISTRATION	SERIAL NUMBER
9-9-15	TCM/IO550	2435.2		N270MW	913973

- Removed, cleaned, gapped, and inspected #4 cylinder spark plugs. No defects noted.
- Removed, cleaned and inspected #4 cylinder Fuel injector nozzle. No defects noted.
- Performed compression check on #4 cylinder. Found leak to be 64/80.
- Swapped #2 cylinder. CHT Probe With #4 cylinder CHT Probe.
- Ground run and leak check ok.

MAINTENANCE RELEASE: The aircraft and/or component identified was in accordance with current federal aviation regulations and is approved for return to service. Details on file at this agency. W.O.#60154

Signed *Weston Holt*

Weston Holt

CRS # DDNR 793K 3501 Aviation Av. Sioux Falls, SD 57104

Se

Landmark Aviation



Engine Log

Joe Foss Field
Sioux Falls SD

DATE	MAKE/MODEL	HOUR METER	SMOH	REGISTRATION	SERIAL NUMBER
10-13-15	TCM/IO550	2475.2		N270MW	913973

- Changed Oil and Filter. Cut open Oil Filter and Inspected. No defects noted. Serviced with ~~7~~ 7 qts. Phillips 20W50XC oil, installed new CH48108-1 filter and new gasket P/N MS35769.
- Oil Sample taken.
- Sumped all fuel drains. Removed, Cleaned and Inspected fuel gascolator filter. No sediment or water noted at this time. Reinstalled and filter and housing.
- Found #3 cylinder has cracked cooling fins. Performed Visual, borescope, and differential pressure test IAW Continental IO-550 engine Maintenance and overhaul manual chapter 6-3.11.1. No leakage or further defects noted at this time.
- Removed and replaced LH exhaust hanger spring with new P/N 50442-001
- Ground run and leak check ok.

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this agency under W.O.# 60229

Signed Weston Holt
Weston Holt

CRS # DDNR793K 3501 Aviation Ave. Sioux Falls, SD 57104

Quality Aviation, Inc.
3401 W. Trunk Hwy 21
Faribault, MN 55021
1-866-865-1777

N270MW Engine Log book entry.

Date: 10/30/15 Hobbs: 2476.7 Engine TT: 2476.7

- * Complied with a Compression check. #1 76/80 #2 76/80 #3 65/80 #4 72/80 #5 74/80 #6 75/80 Master orifice 60
- * The oil filter was removed, cut open and inspected for contamination, (for pre-purchase inspection purposes) The filter was found to be satisfactory, a new Champion CH48108-1 oil filter was installed. The engine was serviced with 1 qt of Phillips 20W50 X/C. A ground run and leak check was satisfactory.
- * The fuel injectors were removed, cleaned and installed with new O-rings, P/N 630979-9 and Seal 640612.
- * The spark plugs were replaced with new Champion, P/N RHB32E.
- * The idle cut-off mixture was adjusted for a approximate 25 rpm rise.

Gerald L. Serres A&P 3496061

Gerald L. Serres

Date: 3/3/16
FLT: 641.2
Hobbs: 2581.5

SR22
Reg. No: 270MW
Ser. No: 0735

Horizon Avionics, Inc.

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

ENGINE LOG ENTRY

CW 100HR insp IAW FAR 43 APP D. AD CW thru BiWeekly 2016-04. 1.)76 2.)78 3.)78 4.)58 5.)75 6.)76 all over 80 PSI, restricted orifice reading of the day 41PSI. Drained oil and cut open filter no metals noted. Installed new CH48108-1, torque and safetied. Serviced 7 qts Aeroshell 100 mineral Oil sample taken. Cleaned and resealed #4 and #6 fuel injectors. RH heat exchanger replace with new 70201-001. Ground ran leak and ops check good.

MAINTENANCE RELEASE

I certify that this ENGINE has been inspected IAW A 100HR inspection and was determined to be in an Airworthy condition. Pertinent Details Are On File Under Work Order No. M3984.

Signed: [Signature] Cert. No: A02602594 Date: 3/4/16
For Horizon Avionics, Inc.

Signature

ACA/AMO
SCA/AMO

Date: 3/3/16
FLT: 641.2
Hobbs: 2581.5

SR22
Reg. No: 270MW
Ser. No: 0735



Horizon Avionics, Inc.

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

ENGINE LOG ENTRY

Installed #3 cylinder 655932 after repair by triad aviation WO# 22458. Ground ran leak and ops check good.

MAINTENANCE RELEASE

I certify that this Engine has been inspected with respect to work performed and was determined to be in an Airworthy condition. Pertinent Details Are On File Under Work Order No. M3984.

Signed: [Signature] Cert. No: 3705775 Date: 3/3/16
For Horizon Avionics, Inc.

SERVICEABLE PARTS

MANUFACTURER CONTINENTAL
PART NAME CYLINDER
MODEL IO-550-11
PART NO. 655932
SERIAL NO. AC07JB879
REMARKS: REPAIR AS NEEDED -
CLEANED, INSPECTED, REPLACED EXHAUST
VALVE, HONED BARREL, REFACED SEATS
AND INTAKE VALVE, LAPPED AND LEAK
CHECK P.R.

ACCOMPLISHED BY DEANDRE BRUNO, TUN

THE AIRCRAFT ENGINE OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER REPAIR.

Order No. 22458 Date 2-16-16

Signed [Signature]
Signature of Authorized Representative

FOR: **TRIAD AVIATION, INC.**
3439 South Aviation Drive
Burlington, NC 27215

FAA Repair Station No. PP4R448M

Section 1: Record of engine maintenance and engine



5-14-19

DOMINION AVIATION

ANNUAL
ENG

Date: 5/14/2019; Aircraft: 270MW; Type: CIRRUS SR-22; S/N: 0735;
Hobbs: 3440.50; Total Time: 2845.40; Engine - Type: IO-550 N27B, S/N:
913973, Time: 2845.40; Prop - Type: D3A34C443, S/N: 023167, Time:
2845.40
Engine

Complied with the Annual and 100 hour inspection in accordance with
Dominion Aviation Services FORM 0100 which meets the requirements of
FAR 43 appendix D and with reference to Cirrus SR 22 maintenance manual
chapter 5.

Complied with a compression check on all engine cylinders. The readings
were as follows: #1 - 64/80, #2 - 70/80, #3 - 78/80, #4 - 68/80, #5 - 72/80,
#6 - 52/80. Master orifice 46/80

Borescoped all engine cylinders. No defects noted.

Complied with the oil and filter change. Serviced with 7 quarts of AeroShell
100W. Installed new oil filter p/n CH48108-1. Cut open the old filter and
found no defects. Added 11.2 ounces of Camguard p/n 08-08096. Ran the
engine and no leaks detected.

Complied with the engine oil sample as required.
Prepped and shipped the sample to Blackstone for analysis.

Removed the spark plugs. Inspected, cleaned, gapped and rotated the
spark plugs. Reinstalled the spark plugs with new gaskets, p/n M674.
Reference : Tempest aviation service manual 1710A.

Cleaned engine of residual oil / dirt buildup as required with mineral spirits
and dried with shop air.

Checked and listed all applicable Airworthiness Directives using ATP revision
dated 05/11/2019.
Complied with the logbook research. No new or recurring ADs due at this
time. Updated the computer profiles.

The maintenance described above was performed and inspected in
accordance with current FAA Regulations and is approved for return to
service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent
details of the repair are on file at this repair station.

Signed [Signature] CRS# ODAR018H

I certify that this Engine has been inspected in accordance
with a/an Annual Inspection inspection and was determined to be in
airworthy condition. Details on file at this facility.

Inspector [Signature]

Work Order # 31546

Dominion Aviation CRS# ODAR018H
7511 Airfield Drive
Richmond, Virginia 23237
(804) 271-7793

DAS FORM LB-2

InsurePro 276-628-810
 Your commercial insurance professionals

6	27	19	Change oil & filter refilled with Phillips 20w50 filter is 108-1 1pt Camguard Buy up ck good Phil & Debbie ATP 1649250

Signature

AME
ACA/AMO
SCA/AMO

Date: 10-25-19 Hobbs 3550.8

Change oil and filter refilled with 7 qts

Phillips 20W50. Filter PN 48108-1 cut open

ok good - Took sample. Phil D. B. #1649258