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Transport Canada

Transports Canada C-6MLC

TP 14182 (Revised 05/2005)

LOQ 5/N:02

Engine Logbook

TC1001185 06/2005 **Canadä**

Volume #:	
Opened on:	

ENGINE DETAILS

1. Manufacturer Teledane Continental

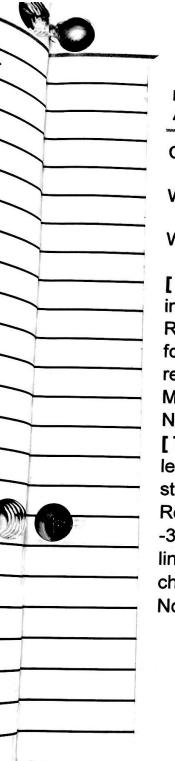
2. Type/Model/Series IO-550-N27B

3. Serial Number 913973

Date/	Time since new	Time since overhaul	Total cycles	Dai'ly Total	Details of task				AME
120 28 209	_	846.5		O	Transcribed from		5	ignature	AME ACA/AN SCA/AN
DV 12, 2009	-	896.8	-	50.3		previous	Engine Technical Lanbook 4/1:01	Ally o	407/
ent region (1 2 2		1	1			7	- 1 1
							Project: 4158 LogID: 702 TRUE NOI Aircraft: C-GMLC Aircraft TT: 896.8 hrs	RTH	
							Customer references - PO: verbal; Inspection program: n/a		
						—			
					/		Work requested: L/H tire replacement		
							Work performed:	-	
-									
							[Task: 5871; ATA:32]; Discrepancy: L/H wheel fairing loose. Rectification: L/H wheel fairing bracket P/N:17205-001 found bro	oken —	
							L/H wheel fairing bracket P/N:17205-001 replaced by new IAW M	MM	
							32-10 and found serviceable. [Task: 5872; ATA:78]; Discrepancy : Both exhaust tail pipe inb	nard	
				-			retaining spring worn.		
	-			/	0	0	Rectification: Both exhaust tail pipe inboard retaining spring P/N:50442-001 replaced by new IAW MM 78-20.	-	
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	/						CONTRACTOR		+
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						1	Martin Tremblay AME/TEA id	lentification	
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AME/TEA identification

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: Lic: COLO Yves Bernier			Signature
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: Lic: PCD: D. Li		9	TRUENORTH
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:	Customer references	s - PO: Verbal; Inspection pro	ogram: N/A
[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: Lic: PCD: D. Lic: PCD: D.	Work requested: Sta	rter problem.	_
[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: Lic: PCD: D. Lic: PCD: D.	Work performed:		
_	(energize), engine de Rectification : Trouble P/N:642083A12 faul Starter adapter assy E (overhaul) IAW TO Ground run c/out an found serviceable. Dual inspection on each	leshooted and found starter ty. (slipping clutch inside starter P/N:642083A12 replaced beam Maintenance Manual Second no leak found. Starter and engine mixture control for sarter.	adapter assy arter adapter assy) by P/N:642083A12-R- ction 17-9. starter adapter assy —
	The work described a applicable standards	bove has been performed in a of airworthiness.	ccordance with the
The work described above has been performed in accordance with the applicable standards of airworthiness.	HECTORIC CONTROL CONTR		TrueNorth Aviation AMO/OMA 11-77
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applicable standards of airworthiness. TrueNorth Aviation AMO/OMA 11-77	– 29 ianvier 2010		CHOI
applicable standards of airworthiness. TrueNorth Aviation	29 janvier 2010	Martin Tremblay	



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

CACOT

AME/TEA identification

Signature

CADT

AME/TEA identification

AME ACA/AMC SCA/AMC

740 LogID: Project: 10013 eroldzintenance :-Aircraft TT: 961.6 hrs Aircraft: C-GMLC 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 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: Lic: PCOCO Yves Bernier 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

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- 3	Project: Aircraft:	10119 C-GMLC	LogID: Aircraft TT:	790 1012.8 hrs	Aerold	intenance -	
	Customer r Work reque Work perfor [Task: 1539 Rectification replaced by Engine oil re [Task: 1540 Rectification c/out in accord Weight: 719 Certification [Task: 1540 Rectification page 3. [Task: 1540 appendice " Rectification All work perf	eferences - PO: ested: 50 Hrs instance: 93; ATA:05]; Distance: 1: All tasks required: 15W50; 10; ATA:25]; Distance: 1: Annual recent 15dance: 1: ATA:32]; Distance: 1: Service all time 11; ATA:34]; Distance: 11; ATA:34]; Distance: 12; Magnetic Corrormed as per Corrormed as per Corrormed.	screpancy: 50 Hrs in uired by 50 hr inspect ut-open and inspect. Ground run c/out a screpancy: Annual retification of cockpit for policable CAR's. New screpancy: During 5 res with nitrogen (62 screpancy: Magnetic mpass and Magneto Cirrus Maintenance STD 625 appendix of the screpancy: Magnetic compass and Magneto Cirrus Maintenance STD 625 appendix of the screpancy: Magnetic compass and Magneto Cirrus Maintenance STD 625 appendix of the screpancy: Magnetic compass and Magneto Cirrus Maintenance STD 625 appendix of the screpancy: Magneto Cirrus Maintenance STD 625 appendix of the screpancy in the	nspection due as ction c/out IAW Med, no contaminand found service ecertification during extinguisher May 3,2011 fo Hrs inspection psi Main & 40psi c compass swing meter calibration Manuel Model S	MM 05-20. Oil filt ation found. eable. No leak for e on cockpit fire Model: RT-A600 g produced. I found all tires so i Nose) as per Cap due as per CAP completed and completed and serious in the s	er CH48109-1 und. extinguisher sn: P-008451 oft. cirrus MM12-10 R'S 625 d no fault found.	
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	4 août 2	et en state de la companya de la co	Yves E		AMO	AeroMaintenance /OMA 29-09 CO () TEA identification	
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	Project: 10239 LogID: 859 Aircraft: C-GMLC 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: Lic: PCO/O Yves Bernier	
	The work described above has been performed in accordance with the applicable standards of airworthiness.	
	Azimuth AeroMaintenance AMO/OMA 29-09	
	13 décembre 2010 407	_
	Martin Tremblay AME/TEA identification	

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Project: 10403	LogID: 957	Annikistania A	Milan Sol	
Aircraft: C-GMLC	Aircraft TT: 1132.8 hrs	The state of the s	CONCORDA CONTRACTOR CO	
Customer references -	PO: Verbal; Inspection pr	ogram: N/A	7	*
Work requested: 50 hr	inspection			
Work performed:				
(customer request). Rectification: All tasks -20. Oil filter CH48109 inspected, no contamine Engine oil renewed 15	5]; Discrepancy: Perform required by 50 hr inspect -1 replaced by new. Oil fil nation found. W50. Ground run c/out ar	tion c/out IAW MM 0 ter cut-open and		
No leak found.		MIT		
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	Project:	10603 C-GMLC	LogID: Aircraft TT:	1091 1188.6 hrs	AeroMain	tenexe =	
	Customer	references - PO:	Verbal; Inspection	program: N/A			
			00hr/Annual inspec			_	
		rmed:				_	
	found. Dual inspe [Task: 170 Rectification FAK1151, [Task: 170 MLG. Rectification	ction on L/H aile 043; ATA:05]; D on : Annual recer S/N: N/A. 044; ATA:32]; D on : Brakes lining	il renewed 15W50. (iron installation for soliscrepancy: First airtification c/out and foliscrepancy: On 100 gs replaced on both and found serviceable	eafety and proper d id kit certification for found OK. New sea 0 Hrs insp, found b MLG brakes syste	irection of move ound expired. al installed. orakes linings wo	ment, c/out	
	Dual inspe	ction on L/H aile	eron installation for s	safety and operation			
To with							
	The work applicable	described at standards c	bove has been pof airworthiness.	performed in ac	ccordance wi	th the	
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Project: 10778 Aircraft: C-GMLC

1171 LogID:

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 cutopen and inspected, no contamination found. Engine oil renewed 15W50. Ground run c/out and found serviceable. No leak 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/Norf:B03IA317 removed and sent to Aero-Atelier for repair. Engine mechanical fuel pump P/N:655921-1A5 S/Nors: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:

Lic: PCOLO Yves Bernier

The work described above has been performed in accordance with the

applicable standards of airworthiness.

Azimuth AeroMaintenance AMO/OMA 29-09

Agroddaintenance —

30 janvier 2012

Martin Tremblay

AME/TEA identification

CACOF

AME ACA/AMO SCA/AMO Signature LogID: 1185 Project: 10825 Aircraft TT: 1241.0 hrs roMaintenance -Aircraft: C-GMLC Customer references - PO: Verbal; Inspection program: N/A Work requested: Starter problem [Task: 17557; ATA:80]; Discrepancy: Starter problem, with starter on (energize), propeller turn and stop when engine reaches compression. Report by owner/pilot. ask: 1739/; ATA:30J, Discrepancy: State problem, with stands on (cross-size), proposed the composition of the problem, with stands on (cross-size), proposed the composition of the problem, with stands on (cross-size), proposed the composition of the problem, with stands on (cross-size), proposed the composition of the problem, with stands on (cross-size), proposed the composition of the com nair. urter adapter P/N:642083A12 S/N: 0143 reinstalled after repair IAW TCM Maintenance Manual Section 17-9. erational check c/out and found serviceable. No leak found. Dual inspection on mixture control for safety and operation, c/out by: Martin Tremblay Lic:CAOOF 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 AME/TEA identification 1189 Project: 10850 LogID: AgroMaintenance = Aircraft TT: 1241.0 hrs Aircraft: C-GMLC Customer references - PO: Verbal; Inspection program: N/A Work requested: AD2012-03-06 to be check if applicable. [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. Work performed: The work described above has been performed in accordance with the applicable standards of airworthiness. Azimuth AeroMaintenance AMO/OMA 29-09 29 février 2012 AME/TEA identification Martin Tremblay

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44000	LogID: 1350		
Project: 11083	Aircraft TT: 1289.7 hrs	Aeroldaintenar	u*
Aircraft: C-GMLC	AllCraft II. 1209.7 III9		en constituente de la constituente
Customer references - PO: verbal; I	nspection program: N/A		
Work requested: 50 Hrs insp + snag			
Work performed:			
[Task: 18246; ATA:05]; Discrepar Rectification : All tasks required by	ncy: As per customers request, perform 50 hrs in 50 hr inspection c/out IAW MM 05-20. Oil filter C	nsp H48109-1 replaced by new. Oil filter	cut-
open and inspected, no contaminat	ion tourid.		
-10 S/N: 046906.	cy : Elt found past expiration date: Nov 1, 2010.	and with identical part ACK Model: E-	10
Rectification: Elt failed certification S/N: 050734 (status: serv PO: 2651	. 121.5 & 243.0 MHz out of tolerance. Elt replac 1). Battery due date: AUG 2014. ELT post insta leted as per manufactures specifications and in a	allation check in aircraft completed	L
STD 5/1 appendix G.			
control unit pine hattery current ser	ncy: Analog ammeter needle fluctuation 0-002 S/N: 00877 removed and inspection found nsor pins, J108 & J111 board connectors.	d corrosion on logic	
Corrosion found on multiple termina	als on reverse side of board. Corrosion		
remained. Unit removed and repla	ced with MCU120_P/N: 16600-001_S/N: 0082/ ued and MCU120 is a direct replacement from C	(status: irrus.	•
Electrical system functional carried	out serviceable. All work performed as per) (every
[Task: 18251; ATA:24]; Discrepar	ncy : Battery #2 assy removed and to be inspect	ed and top-charged as per MM 24-30	ral
Rectification: Battery #2 assy insposystem functional carried out service	ected and top-charged as per Cirrus MM 24-30. ceable. All work performed as per manufacture's ncy: Battery #1 unable to maintain charge. Batt	s MM 24-30.	
removed.		On 26506) Battery prepared and cha	arged as
per manufacture's instructions proving the lead (set Tosk: 18247). Battery	with P/N: G-243 S/N: G02/2/046 (status, flew r rided. Battery electrical system #1 functional ch electrical system #1 tested after MCU 120 repla	eck to be carried out after new MCU accement. Found serviceable.	120
Installed (ref Task, 10247), battery		1/0	K+
The work described a	above has been performed in	accordance with the	
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Section 1: Record of engine maintenance and elementary work Time Run Details of task Time since Time since Total cycles Date overhaul new --/--/--1289.7 December 07,201 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 registration: CUE OCCASION Work report number: Date: déc. 06, 2 Aircraft TTAF: 1343.1 Landing: 0.0 Item Correction Power level removed and reinstaled after lubrification as per MM 76-10 Description Item Power level removed for lubrification L/H aileron removed and reinstalled after 100 hrs inspection as per MM 76-10 I certify that! have conducted a dual safety inspection of the controls affected by the work done. 6 L/H aileron remover for 100 hrs inspection 23 11 The maintenance described above has been performed in accordance with the applicable standards of airworthiness. **5** 491546 11 aca 4 5 491545 80 aca Bernard-Mathieu Tanguay License no: 738955 Guillaume Daigle License no.: M901631 7 8 12 13 14 16 2 2 2 2

AME ACA/AMO Signature SCA/AMO Aircraft registration: CLIENT-3971830 Canada inc.□□5800, route de l'Aéroport□□Saint-OCCASIONNEL Hubert (Québec) J3Y 8Y9□□AMO 28-12□□Ph. Office:450-445-4444□□Fax:450-926-0430□□ Work report number: 216 Date: déc. 07, 2012 LIEN Journey log NNC er: Aircraft TTAF: 1343.1 Landing: 0.0 Correction 100 HRS inspection C/OUT as per cirrus maintenance programme dated May Description 31 2011. Oil filter removed, opened, inspected and replaced with new P/N Item 100 HRS inspection Req'd by customer CH48109. Engine oil serviced with aeroshell 15W50. Exhaust heater inspected as per Cf90-03R2, No defect found bracket air filter replaced with new P/NBA-24 as per B.A.F document I-194. Fire extinguisher inspected as per manufacturer info. No defect found First aid kit inspected as per CAR's 723.82 AND Règlement sur la sécurité et CF90-03R2, exhaust heater inspection due 2 Bracket air filter to be replace Portable Fire Extinguisher Inspection First Aid Kit Inspection 5 la santé au travail (aéronefs) Partie X L/H tire replaced with new P/N 301-249-420 as per MM 32-41 R/H tire replaced with new P/N 301-249-420 as per MM 32-41 R/H disc replaced with new P/N 164-01501 as per MM 32-41 8 R/H tire worn All R/H lining replaced with new P/N RA66-105 as per MM 32-42 R/H brake disc is out of limits functionnal test C/OUT and found leak on proportioning unit, horizontal.Fitting All R/H MLG lining to be replace Found TKS leak at FS 222 10 found loose. fitting tighted and secured. functionnal test C/OUT and no leak We found arround 0.390 inch between pick up collar and BH222. We ask at clearance between pick up collar and BH222 is below 0.400 fieldservice@cirrusdesing.com. if it's acceptable and his anser was : that is 13 acceptable and proper. L/H tail nav light replaced with new P/N 50911-001 as per MM 33-40. functionnal test C/OUT and found serviceable 14 L/H tail nav light inop Pilot seat recline system adjusted as per MM 25-10. Functionnal tect C/OUT Pilot seat recline system is hard to move and found serviceable Copilot seat recline system adjusted as per MM 25-10. Functionnal test 16 Copilot seat recline system is hard to move C/OUT and found serviceable L/H magneto removed and found condensateur inop. L/H condensator 17 Unable to adjust L/H magneto replaced with new P/N 10-400615. L/H magneto reinstalled as per Continental manual M-16 6.3-9.1 Found control cable kinked strait cable and adjusted control as per MM 21-60 18 Cabin air control temperature knob is hard to move Engine alternate air control secured as required with lacing P/N T1223K Engine alternate air control chaffed with metered fuel supply 19 line between fuel servo and distributor 20 Remake brake line and reinstalled on aircraft as per standard practice. Brake reservoir oil supply line is kinked functionnal test C/OUT and no leak found 21 Baffle repaired as per AC43-13-1B section 4 Engine baffle is cracked at fwr R/H corner 22 23 rivet replaced as per AC43-13-1B section 4 upper rivet on rudder tab is loose 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

	Signature	AME ACA/AM SCA/AM
Azimuta -		
Project: 11334 LogID: 1504		
Aircraft TT: 1366.6 hrs	TO AND	
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	d	
send to Hope Aero for blade strike of rotating propeller.	4	
Rectification: Propeller P/N: D3A34C443/78CYA-0, S/N: 023167,	of 100	
TTSOH: 763.6 Hrs removed and send for prop strike inspection.	ì	
[Task: 18815; ATA:05]; Discrepancy : Propeller governor to be	2 0	
removed and sent to Hope Aero for governor exposed to propeller	28	
ground strike inspection. Rectification : Propeller Governor P/N: C290D3-R/T23, S/N: 03-09	39 ———	
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: 136	6.6	
Hrs removed and send for prop strike insp.		
	Section 1	
		_
	102120000000000000000000000000000000000	
The work described above has been performed in accordance with the	•	
applicable standards of airworthiness.		
	IN ACTION COMPANIES OF ACTION	
Azimuth AeroMainte	enance	
AMO/OMA 29-0		
1/1		
5 février 2013 VCO1 C		
Yves Bernier AME/TEA identifi	ication	42
	1	

Section 1: Record of engine maintenance and elementary work

Date //	Time since new	Time since overhaul	Total cycles	Details of task

Date: April 26,2013

Date: April 26,2013
This engine repaired due to a propstrike as per Overhaul Manual P/N M-16 revised August 2011 Full details held on Work Order No.1302019. The Maintenance described has been performed in accordance with the applicable on Work Order No.1302019. The infinite described and S/N D04KA115 were overhauled due to propstrike standards of airworthiness. Magnetos S/N D05DA052 and S/N D04KA115 were overhauled due to propstrike standards of airworthiness. Magnetos 3/N DOSPAGE LILL -, in as per Overhaul Manual X42002-3 revised August 2011. Airworthiness Directives 88-03-06 (TCM oil filter, lill 200 10 01 (crapkshaft inspection N/A to engine S/N) complied and the standards of airworthiness.

Engine sprayed internally with type II corrosion inhibitor.

Model No.: 10-550-N27B

Serial No.: 913973

TTSN: 1366.6 hrs; TSO: N/A hrs. Crankshaft Serial No.: N03HA122

Authorized Signatures & Konnie Aero Recip (Canada) Ltd. 540 Marjorie Street Winnipeg, Manitoba R3H 0S9

AMO 45-89



Project: 11334 LogID: 1602 Aircraft TT: 1366.6 hrs Aircraft: C-GMLC Customer references - PO: Verbal: Inspection program: N/A Work requested: Inspection following propeller strike on ground. [Task: 18813; ATA:05]; Discrepancy: Aircraft to be inspected following properties wine on ground and including).

(Hard/Overweight landing).

Rectification: Aircraft inspected and found propeller blade damaged refer to W/C: 18814 & W/C: 18815, Nose landing gear strut found cracked refer to W/C: 18818, Engine removed and sent for prop strike inspection, refer to W/C: 18816, Engine mount to be inspected, refer to W/C: 18847, Nose gear upper puck pan found cracked, refer to W/C: 18880. No other damage to the aircraft was found during Hard/Overweight landing inspection IAW MM 05-50.

[Task: 18818; ATA:05]: Discrepancy: Liquid penetrant inspection on Nose gear leg and eddy current inspection on nose fork assy. Visual inspection performed and crack suspected on nose gear leg.

Rectification: Liquid penetrant inspection performed by Tomgats (W/O: 1792) on nose gear leg P/N: 14082-006 and found cracked. To be replaced (refer to W/C:18821)

Eddy current inspection performed by Tomgats (W/O: 1792) on nose fork assy P/N: 11638-003 and no crack indication found.

[Task: 18821; ATA:32]; Discrepancy: Upon liquid penetrant inspection, nose gear leg P/N: 14082-006 found cracked and need to be replaced. Task: 18813; ATA:05]; Discrepancy: Aircraft to be inspected following propeller strike on ground IAW Cirrus MM 05-50 Rectification: Nose landing gear strut assy P/N: 14082-006 (New) installed IAW MM 32-20. Operational check clout and found serviceable.

[Task: 1880; ATA:32]; Discrepancy: Magnetic particles inspection on nose upper puck pan P/N:13549-002. Suspect crack upon hard landing and prop strike.

Rectification: Magnetic particles inspection performed by Torngats (W/O: 1835) on nose upper puck pan P/N: 13549-002 and found four (4) cracks. toune tour (4) cracks.

Two (2) cracks found on each side of the tube welded joint and two (2) cracks found on inboard side of attachment brackets.

[Task: 18881; ATA:32]; Discrepancy: Liquid penetrant inspection on nose lower puck pan P/N:14072-001. Suspect crack upon hard landing and prop strike.

Rectification: Liquid penetrant inspection performed by Torngats (W/O: 1835) on nose lower puck pan P/N: 14072-001 and no crack indication found. crack indication found..
[Task: 18882; ATA:32]; Discrepancy: Upon magnetic particles inspection, nose upper puck pan P/N: 13549-002 found cracked and need to be replaced. On visual inspection, found rebound bumper P/N: 18380-001 and puck P/N: 13386-001 damage due to hard landing and need to be replaced.

Rectification: Nose landing gear upper puck pan assy P/N: 13549-002 (New) installed with rebound bumper P/N: 18380-001 (New) and puck P/N: 13386-001 (New) IAW MM 32-20. Operational check c/out and found serviceable. 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

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-		E primuth =	
Project: 11334	LogID: 1603		
Aircraft: C-GMLC	Aircraft TT: 1366.6 hrs	Antoldaintenance :=	
Customer references - PO: Verbal; I	Inspection program: N/A		
Work requested: Inspection following	100 N 000 N 000 N	<u></u>	
Work performed:			
[Task: 19219; ATA:34]; Discrepand Rectification: Removed transponde p/o: 63357). Operational ground reliable	cy : During inspection, found transponder antenna r antenna p/n: Cl 101 and replaced by equivalent mp.check of transponder and found transponder a	part number p/n: 104-12 (status: NEW) system unserviceable. Troubleshooting:	
Found Garmin transponder Model: (GTX 327 LOANER UNIT # 2503 p/n Operational ground come about at the	cy: During inspection, found transponder antennar antenna p/n: Cl 101 and replaced by equivalent mp check of transponder and found transponder s GTX 327 p/n: 011-00490-00 s/n: 83715053 faulty. i: 011-00490-00 s/n: 83746517 (status: NEW p/o: rasnponder system completed and no fault found appendix F.	Replaced by Garmin transponder model: 26775). Certification date: FEB 21 2013.	(2.0)
		ngine mount at bottom fitting attachment.	
Engine mount to be removed for ND Rectification : Engine mount remove Magnetic Particles inspection c/out (T. ed from aircraft IAW MM 71-20. Engine mount sen (Torngats W/O: 1792) and two (2) cracks found or		
Task: 18847; ATA:71]; Discrepand	cy : Engine mount P/N: 15546-003 S/N: 0185 sent	t to Acorn Welding for complete inspection	
Rectification : Engine mount P/N: 15	5546-003 S/N: 0185 has been repaired by Acorn V 71-20.		
and propeller governor P/N: C290D3 Rectification : Engine Model: IO-550	71-20. cy: Engine Model: IO-550N27B S/N: 913973, pro 3-R/T23 S/N: 030939 to be reinstalled on aircraft. DN27B S/N: 913973 (Repaired) TTSN: 1366.6 hrs auled) TSO: 0.0 hrs installed IAW MM 61-10. Prop installed IAW MM 61-20. Ground run c/out and founcy: Note to the state of the second run control of the con	peller Model: D3A34C443-A S/N: U2316/ installed IAW MM 71-00. Propeller Model:	
D3A34C443-A S/N: 023167 (Overha 030939 (Overhauled) TSO: 0.0 hrs i	auled) TSO: 0.0 hrs installed IAW MM 61-10. Prop Installed IAW MM 61-20. Ground run c/out and fou	yeller governor P/N: C290D3-R/T23 S/N: und serviceable. No leak found.	
mount retaining bolts P/N: AN8-16A Rectification : All bolts described ab	(Qty:2) & P/N: AN8-20A (Qty:2). Suspect crack upove has been magnetic particles inspected (Refer	pon hard landing and prop strike. to Torngats W/O: 1835) and no crack	
indication found.			
Dual inspection or	n throttle control installati	on, mixture control	
	opeller governor control i	installation for safety	
and operation, c/o	ut by:		
- //km=E		POOLO	
- Yves F	Bernier		
_ / /		<u> </u>	
Conditional to a sa	tisfactory flight test and	sign by pilot.	
•			8
	Lic:		
Michel B	ourbeau		
Michel B	ourbeau	_	
	,		
The work described ab	pove has been performed in a	ccordance with the	
	pove has been performed in a	ccordance with the	
The work described ab	pove has been performed in a	ccordance with the	
The work described ab	pove has been performed in a	Azimuth AeroMaintenance	
The work described ab	pove has been performed in a		
The work described ab	pove has been performed in a	Azimuth AeroMaintenance	

Project: 11525

Aircraft: C-GMLC

1620 LogID:

Aircraft TT: 1366.9 hrs



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

Work requested: Traffic advisory always ON on ground.

[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

CACOT

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 issed herein is approved for return to service as per those requirements.

DATE: 01/24/2014

SIGNATURE:

CERTIFICATE NUMBER: AP2848086IA

Sout Schelde **END**

Section 1: Record of engine maintenance and elementary work

Date Time since Time since Details of task Total cycles new overhaul



Midwest Aircraft Refinishing 11038 Hwy 37 Bld A Box 8 Hibbing, MN 55746 (218)404-0314 Cirrus Design Corp SR22 18 Feb 2014 22-0735 Hobbs- 1853.6 Flt-1462.1 N270MW **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 Flt-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 10-

Ross W. Robillard

A&P # 3353760

Signature

Landmark Aviation

Engine Log

Joe Foss Field Sioux Falls SD

DATE	MAKE/MODEL	HOLD MEED			
DATE	WAKE/WODEL	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

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 Flt-700.9 **Engine Entry**

Removed and repalaced Alternator #1 P/N 646843 with new unit IAW SR22 AMM CH 24-30. Ops and L

service. Details on file at this agency under W.O. #58986

Ross W. Robillard

A&P # 3353760

Signature

Signature

AME ACA/AMO SCA/AMO

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

TCA

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 repleced starter drive adapter PN: 642083A12S, SN:26253, starter drive adapter overhauled by Bolduc aviation, installed starter drive adapter with ne way sket 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: A448108-2, 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: W

Wilder Morey Certified Repair Station No. 5TCR105B Work Order: 6155-03-2014

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

med

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 overhaul Total cycles Details of task

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_

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_

Gustin 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 Fit- 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 anomiles noted.

Ross W. Robillard

A&P # 3353760

Signature

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N270M

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IN A

JIM Han Cell October 31, 2014

N270MW Continental **CIRRUS SR22**

S/N 735 S/N 913973 Hobbs 2111.8 Hrs Hobbs 2111.8 Hrs

Flight 237.2 Hrs Flight 237.2 Hrs

McCauley

IO-550-N27 D3A3443-A S/N 023167

Hobbs 2111.8 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 COMPINATION 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

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

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 Joe Foss Field Sioux Falls, SD

Engine Log

TALL BUT TO BE THE		HOBBS	ETT	SMOH	REGISTRA	A CONTRACTOR		
• Change	CM/IO550N	2205.4			N270N	TION	SERIAL#	
R. 4-4-1	CM/IO550N ed Oil and Filter. Particle Inspection	Serviced with	8 qts. Phil	lips 20W50XC	oil and CH4	8108-1 fi	913973	
Metal	Particie Inspection i leak check ok.	ii. Two defects i	iolea.			0-4	ret. C/M	1
		The aircraft and	lor compo	nent identifical				-
ordance with	CE RELEASE: 1 h current Federal . cy under WO # 59	Aviation Regu	lations and	is approved for	was repaired	and/or in	Isneota .	
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Landmark Aviation

Engine Log

Joe Foss Field Sioux Falls SD



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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 Matth Jorgensen

CRS # DDNR793K

3501 Aviation Ave. Sioux Falls, SD 57104

Landmark



Engine Log

Sioux Falls SD

DATE	MAKE/MODEL	HOUR METER	SMOH	REGISTRATION	SERIAL NUMBER
7-23-15	TCM/IO550	2373.7	*	N270MW	913973
	Ch. 10'1 1-			11270111	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

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	
	D			14270144	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

CRS # DDNR 793K

3501 Aviation Av. Sioux Falls, SD 57104

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Landmark Aviation Joe Foss Field Sioux Falls SD

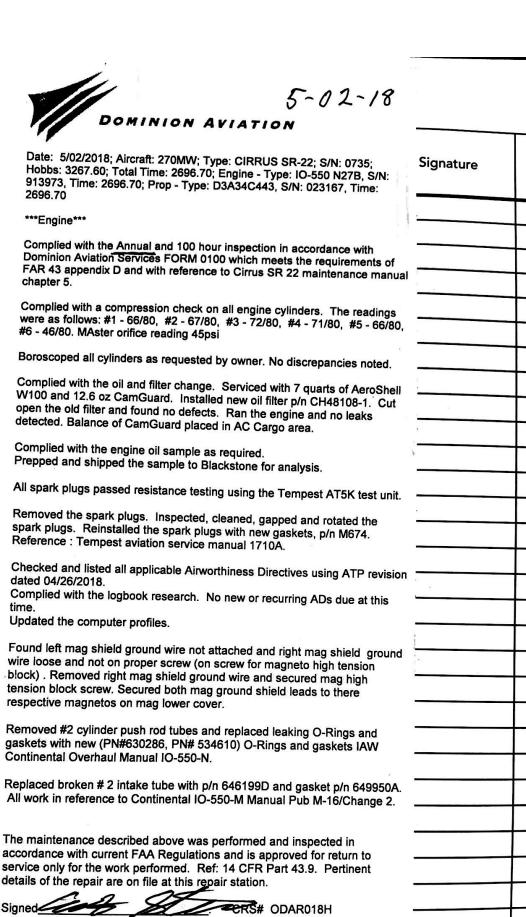
Engine Log

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10-13-15	TCM/IO550	2475.2	~	REGISTRATION N270MW	SERIAL NUMBER	RCI
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	11 Oll Commin tal				Sustreet 1 114 W 232.20	
PR	Sumped all fuel dr	ins Pernoved Ch	anned and Inco	oted first t	,	, J
•	or water noted at th	is time Reinstalle	d and filter and	bousing	tor filter. No sedime	· -
	Found #2 aulindan	has aracked appli	na fina Danta			\ -
•	proceure test IAW	Continental IO.55	O angina Maint	ined visual, bore	escope, and different naul manual chapter	ial > —
	3.11.1. No leakage				naul manual chapter	6
	Removed and replace					· _
• •	Ground run and leal	check ok	inger spring wit	n new P/N 50442	-001	_
MAINTE	NANCE RELEASI	F: The aircraft on	d/or component	:.l==4:C - 1	•	·
inspected	NANCE RELEASI in accordance with	current Federal A	viation Pagulat	identified was re	paired and/or	
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ail El	a Compression che	CK. #1 /0/80 #2 /	0/80 #3 65/80	#4 72/80 #5 74/8	RO #6 75/80 Mosts	- '~ -
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DOMINION A			:les	Details of task	
DOMINION A	VIATION		\rightarrow	-43K	
Date: 12/16/2016; Aircraft: 270MW; 7 Hobbs: 2889.00; Total Time: 903.20; 913973, Time: 111.20; Prop - Type: ,	Fudille - 1 Abe.	0 000			
Engine					1
Adjusted idle to 700 rpm and verified Standard Practice Maintenance Manu	mixture setting rual Chapter 6. O	referencing Continental peration checked good.			
Removed, cleaned, inspected, and in eferencing Continental Standard Pra Operation checked good.	stalled number 4	cylinder fuel injector	#		
Replaced number 6 EGT Probe with i R22 Airplane Maintenance Manual (new pn 14554-00 Chapter 77. Ope	01 referencing Cirrus ration checked good.			
Penlaced number 6 FGT Probe with r	new on 14554-00	01 referencing Cirrus			
R22 Airplane Maintenance Manual (Inapter 77. Oper	ration checked good.			\ <u> </u>
he maintenance described above wa	ions and is appro	oved for return to	-+		
ervice only for the work performed. I etails of the repair are on file at this i	Ref: 14 CFR Par	rt 43.9. Pertinent			
ork Order number 38413					
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ominion Aviation CRS# ODAR018H					
chmond, Virginia 23237 04) 271-7793					
AS FORM LB-1		*			
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		DOM	IINIO	N AVIATION	
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		110005. 2000.40. 1018	I IIMe. X:	MW; Type: CIRRUS SR-22; S/N: 0735; 35.10; Engine - Type: IO-550 N27, S/N: /pe: , S/N:, Time: 43.10	
		10.10,	1 100 - 17	/pe. , 3/N., Time: 43.10	
		ENGINE Complied with the oil	and filter	change. Serviced with 7 quarts of Aeroshell	
		ENGINE Complied with the oil w100 and 1 pint of Ca	and filter	change. Serviced with 7 quarts of Aeroshell I. Installed new oil filter p/n CH48108-1. Cut defects. Ran the engine and no leaks	
		ENGINE Complied with the oil a W100 and 1 pint of Ca open the old filter and detected.	and filter am Gaurd found no	 Installed new oil filter p/n CH48108-1. Cut defects. Ran the engine and no leaks 	
		ENGINE Complied with the oil of W100 and 1 pint of Copen the old filter and detected. Complied with the end	and filter of am Gaurd found no	 Installed new oil filter p/n CH48108-1. Cut defects. Ran the engine and no leaks 	
		ENGINE Complied with the oil of W100 and 1 pint of Copen the old filter and detected. Complied with the end	and filter of am Gaurd found no	Installed new oil filter p/n CH48108-1. Cut defects. Ran the engine and no leaks	
		complied with the oil open the old filter and detected. Complied with the engagement of the old shipped with the engagement of the old shipped with the engagement of the old shipped with	and filter of am Gaurd found no gine oil sa	 Installed new oil filter p/n CH48108-1. Cut defects. Ran the engine and no leaks Imple as required. Ide to Blackstone for analysis. 	
		ENGINE Complied with the oil W100 and 1 pint of Coopen the old filter and detected. Complied with the eng Prepped and shipped The maintenance desi accordance with curre	and filter am Gaurd found no pine oil sa the samp	on the control of the	
		ENGINE Complied with the oil w100 and 1 pint of Ca open the old filter and detected. Complied with the eng Prepped and shipped The maintenance desa accordance with curre service only for the war.	and filter am Gaurd found no gine oil sa the samp cribed about FAA Rock parformers	Installed new oil filter p/n CH48108-1. Cut defects. Ran the engine and no leaks ample as required. Die to Blackstone for analysis. Ove was performed and inspected in	
		ENGINE Complied with the oil w100 and 1 pint of Ca open the old filter and detected. Complied with the eng Prepped and shipped The maintenance desa accordance with curre service only for the war.	and filter am Gaurd found no gine oil sa the samp cribed ab nt FAA R ork perforn e on file a	Installed new oil filter p/n CH48108-1. Cut of defects. Ran the engine and no leaks ample as required. Sole to Blackstone for analysis. Ove was performed and inspected in legulations and is approved for return to med. Ref: 14 CFR Part 43.9. Pertinent at this repair station under	
		ENGINE Complied with the oil w100 and 1 pint of Ca open the old filter and detected. Complied with the eng Prepped and shipped The maintenance desi accordance with curre service only for the wordetails of the repair are	and filter am Gaurd found no gine oil sa the samp cribed ab nt FAA R ork perforn e on file a	Installed new oil filter p/n CH48108-1. Cut of defects. Ran the engine and no leaks ample as required. Sole to Blackstone for analysis. Ove was performed and inspected in legulations and is approved for return to med. Ref: 14 CFR Part 43.9. Pertinent at this repair station under	
		ENGINE Complied with the oil W100 and 1 pint of Ca open the old filter and detected. Complied with the eng Prepped and shipped The maintenance dest accordance with curre service only for the wordetails of the repair are Nork Order number. Signed.	and filter am Gaurd found no gine oil sa the samp cribed about FAA Rork performe on file a	installed new oil filter p/n CH48108-1. Cut defects. Ran the engine and no leaks ample as required. One to Blackstone for analysis. Hove was performed and inspected in regulations and is approved for return to med. Ref: 14 CFR Part 43.9. Pertinent at this repair station under	
		Complied with the oil w100 and 1 pint of Coopen the old filter and detected. Complied with the eng Prepped and shipped The maintenance descaccordance with curre service only for the wordetails of the repair are Nork Order number.	and filter am Gaurd found no found no gine oil sa the samp cribed about FAA Rork performe on file at 2792	installed new oil filter p/n CH48108-1. Cut defects. Ran the engine and no leaks ample as required. One to Blackstone for analysis. Hove was performed and inspected in regulations and is approved for return to med. Ref: 14 CFR Part 43.9. Pertinent at this repair station under	

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	DOMINION AVIATION	nature	AME ACA/AMO
	Date: 4/07/2017; Aircraft: 270MW; Type: CIRRUS SR-22; S/N: 0735; Hobbs: 2960.10; Total Time: 2427.20; Engine - Type: IO-550 N27B, S/N: 913973, Time: 2427.20; Prop - Type: D3A34C443, S/N: 023167, Time:	lature	SCA/AMO
	2427.20 ***Engine***	·	
Y'	Complied with the Annual and 100 hour inspection in accordance with	4	
\ [*]	Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus SR22 maintenance manual	7	
	chapter 5 page 4-23.		
	Complied with a compression check on all engine cylinders. The readings		
	were as follows: #1 - 70/80, #2 - 72/80, #3 - 78/80, #4 - 22/80, #5 - 72/80, #6 - 68/80. Master Orifice reading 47.		
	Complied with Boroscoping Cylinders. No discrepancies noted.		
	Complied with the oil and filter change. Serviced with 8 quarts of 100		
	AeroShell mineral oil. Installed new oil filter p/n CH48108-1. Cut open the	1	
	old filter and found no defects. Reinstalled and safetied oil drain plug with new gasket P/N MS65769-11. Ref. Continental IO-550 Engine Overhaul		
	Manual. Ran the engine and no leaks detected.	·	
	Complied with the engine oil sample as required.		*8
	Prepped and shipped the sample to Blackstone for analysis.		
	Measured spark plug resistance in reference to tempest aviation service		
	manual. All checks good.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.		
	Checked and listed all applicable Airworthiness Directives using ATP revision		
	dated 04/04/2017. Complied with the logbook research. Updated the		
	computer profiles.		
	Ran aircraft and preformed a leak check on oil filter no leaks where	1	
	detected.		
	Removed and replaced # 4 cylinder and piston assy with new cylinder assy		
	p/n 658595A3 s/n AC17BA167. Old cylinder s/n 656001. Removed cowling, disassembled engine components to gain access to cylinder. Removed		
	cylinder, inspected for serviceability, and installed the new cylinder. Torqued	-	
9	all cylinder bolts and reinstalled disassembled engine components and cowling. Referenced IO-550-N Continental Engine Maintenance and		
	Overhaul Manual and Cirrus SR22 MM. Performed engine run up for leak		
	and operational check. No defects noted.		
	Secured right lower exhaust with a new exhaust clamp P/N 20166-001	-	
	referenced Cirrus SR 20 MM Chp 78.		
	Complied with AD 2016-16-12, ECI Cylinder Inspection, Eff Dt 09/15/2016		
	and found AD not applicable. No ECI cylinders installed. No further action required.		
	in a second seco		_
	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.		
	details of the repair are on the at this repair station.	-	
	Signed CRS# ODAR018H		X-1
	\mathcal{O}_{σ}		
	certify that thishas been inspected in accordance		3.0
	with a/anInspection and was determined to be in airworthy condition. Details on file at this facility.	v 1	31
	all worthly condition. Details on the at this facility.	i i	M
	nspector		
	Nork Order # 78794	7	
J .	TOTAL STAGE IF		
	Dominion Aviation CRS# ODAR018H		
	7511 Airfield Drive Richmond, Virginia 23237		
	804) 271-7793		



Dominion Aviation CRS# ODAR018H 7511 Airfield Drive

Richmond, Virginia 23237

(804) 271-7793

Work Order #

AME

ACA/AMO SCA/AMO

Section 1: Record of engine maintenance and ele-	1 ANNUM 10887	1//
5-14-19	28 88 ENG	1/2
5-14-19 DOMINION AVIATION	276-628-81	
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 **Fngine**	EPTO 27	
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	JSU commercial	
Borescoped all engine cylinders. No defects noted.		V_{\prime}
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 CRS# ODAR018H		
I certify that this has been inspected in accordance with a/an Inspection and was determined to be in airworthy condition. Details on file at this facility.		
Inspector		
Work Order # Dominion Aviation CRS# ODAR018H 7511 Airfield Drive Richmond, Virginia 23237		
(804) 271-7793 DAS FORM LB-2		
T. T.		
6 27 19 Change oil & Filter r	8 // /	1//
Silteris 188-1 Ipt Canqua	Silled with Phillips 20451	$\langle \rangle $
7 11 40 11	Big bock good	///
	- 4 1 1 00 miles A 4 P 1649 220	

	Signature	AME ACA/AMO SCA/AMO
Onto: 10-25-19 Hobbs 3550.8 Change oil And Silter resilled with	Tats	
Date: 10-25-19 Hobbs 3550.8 Change oil And Silter refilled with Phillips 20w50, Filter PN 48108-1 Cut ck good-Took sample, Phillips 20kg	148/649158	