

SR2265

GB1V

AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

ENGINE LOG

1. Make TELEDYNE CONTINENTAL
2. Model 10550.N-46B
3. Specification E3SD
4. Manufacturer's Serial Number 691186
5. Date of Manufacture 2007
6. Aircraft Inspection Cycle 50/100

N678GW SR22-G3 S/N: 2602

Sept 14, 2007

Flight: 51.9 Hobbs: 35.6

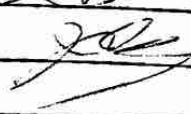
EN65

- 1) Snag: MAP overboosts. 35.6 " 51.9
- 2) Replaced manifold pressure controller per Tornhodo Alley request.
- 3) Removed controller p/n 470688-005 s/n KFN00062, installed controller p/n 470688-005, s/n KHN00228.
- 4) Engine ground run satisfactory, 29.7" @ 2500 RPM, 31.3" @ max RPM.
- 5) Maintenance described above has been performed in accordance with all the applicable standards of airworthiness.

Sig: 

Cert No: 

Pro Aircraft Maintenance Ltd.
AMO #98-04. Above work tracked on W/O 2523

20 Feb 08	97.1	LOG CLOSED THIS DATE
		
AKR	HOBBS	2

CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

DATE	HRS.	MIN.	HRS.	MIN.
BROUGHT FORWARD →				

Log Book entry Cirrus SR22 C-GBIV serial : 2602 March 09, 2010 TTSN: 535.2 hrs

Engine IO550N-46B s/n;691186 TTSN: 535.2 hrs / prop PHC-J3YF-IN s/n: FP5900B TTSN: 532.2 hrs

Annual inspection accomplished IAW Cirrus SR22 inspection scheduled sheet chapt 05-20 rev date 15 April 2007 which meet requirement on CAR 625 appendix B . CAR 625 appendix C compliance was also met during this inspection. Inspection and applicable discrepancies accomplished by Heritage Flight repair station # CRSIGXR989E. See Heritage flight work order # SH9845 for details. Aircraft inspected for Canadian requirement. Mandatory recurring requirement were reviewed for compliance. Annual requirement accomplished this inspection. 2 years requirement are not due at this time. Applicable Canadian & USA AD's reviewed for compliance.

The maintenance describe above has been performed IAW applicable standard of airworthiness requirement and the aircraft is serviceable to return to service.

[Handwritten Signature]

March 09, 2010

Alain Guillemette # 272995

11/03/11			718	4
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AMO #73-03

2011-03-22

C-GBIV

Annual inspection carried out as per Part 1, Appendix B & C of CARs 625, Oil and filter **not** changed, compression and timing checked, plugs serviced, ground run and checked OK. Work sheets on file at Artisan Aviation Inc.

I CERTIFY THAT THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS.

SIGNATURE

[Handwritten Signature] *[Circular Stamp]*

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 08 Sept 2011

REG: C-GBIV

TOTAL AIRFRAME TIME: 837.7

W0#: 5730

- 1) Engine oil changed with 7L Aeroshell 15w50, oil filter inspected and replaced with new P/N: CH48108-1.
- 2) Engine DP test results: #1- 50/80, #3- 64/80, #5- 60/80, #2- 64/80, #4- 66/80, #6- 68/80
- 3) Spark plugs cleaned, gapped and tested.
- 4) NACA cold air duct insulation repaired.
- 5) Airwolf air/oil separator ducting replaced with new P/N: SCAT7 (3').
- 6) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-9

Cody Richardet

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 02 Feb 2012

REG: C-GBIV

TOTAL AIRFRAME TIME: 884.9

W0#: 5862

- 1) Engine oil changed with 7L Aeroshell 15w50, oil filter inspected and replaced with new P/N: CH48108-1.
- 2) Cylinder #4 EGT probe replaced with new P/N: 16579-002.
- 3) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-9

Cody Richardet

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 13 Feb 2012

REG: C-GBIV

TOTAL AIRFRAME TIME: 889.2

W0#: 5870

- 1) Starter adapter replaced with overhauled unit P/N: 642083-A2, S/N: CAM12-019.
- 2) Starter P/N: C24ST3, S/N: 4C3-360908 replaced with overhauled unit P/N: 646275-1, S/N: H-L091616.
- 3) Engine driven fuel pump drive seal replaced with new P/N: 628178.
- 4) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-9

Cody Richardet

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 07 Mar 2012

REG: C-GBIV

TOTAL AIRFRAME TIME: 904.9

W0#: 5889

- 1) Master wastegate repaired using the following parts:
 - 477312-0000 - Spring
 - 476770-0000 - Retainer
 - 477211-0000 - Shaft
 - 400142-0811 - Pin
 - 400142-0817 - Pin
 - 476773-0000 - Gasket
- 2) Master and slave wastegate rigging carried out in accordance with Tornado Alley Turbo, Inc continued airworthiness manual 22-6460004 Rev. A and wastegate control cable installation instructions 22-6460007.
- 3) Absolute pressure controller adjusted.
- 4) NACA cold air inlet ducting replaced with new P/N: SCEET10.
- 5) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

Jeff Foster

AUTHORIZED INSTALLATION CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority Country: FAA United States					3. Form Tracking Number: QAA# WO1170007244.002	
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) 5746 East Apache Tulsa, OK 74115		Phone: 1-877-833-6948 918-835-6948			5. Work Order/Contract/Invoice Number: WO1170007244.002	
		Fax: 918-835-2804				
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	MAGNETO	10-500556-101	N/A	1	D07EA118	REPAIR

13. Remarks:
- CSB641 CONDENSOR
 - MSB644 COIL & ROTOR (AD 94-01-03R2)
 - MSB645 500 HR. IMPULSE INSPECTION (AD 2005-12-06)
 - SB2-80C 500 HR. INSPECTION
 - SB1-98 250 HR. IMPULSE INSPECTION (AD-99-04-04)
 - SB2-08B BREAKER POINT CAM
 - SB3-08C CARBON BRUSH

REPAIR/500HR INSPECTION

MANUAL # X42002-3 ISSUE DATE: 08/11

Certifies that the work specified in Block 12/13 was carried out in accordance with EASA Part 145 and in respect to that work the component is considered ready for release to service under EASA Part 145 approval no EASA 145.5982.

See Attached Work Order Summary for details. (2) pages (MECH: KW)

<p>14. Certifies the items identified above were manufactured in conformity to:</p> <p><input type="checkbox"/> Approved design data and are in a condition for safe operation.</p> <p><input type="checkbox"/> Non-approved design data specified in Block 13.</p>	<p>19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13</p> <p><small>Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.</small></p>
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15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: <i>Ovette Mitchell</i>	21. Approval/Certificate No.: QYIR334Y
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Ovette Mitchell	23. Date (m/d/y): FEB 26, 2013

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country: FAA/United States		3. Form Tracking Number: QAA# WO1170007244.001
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) 5746 East Apache Tulsa, OK 74115		5. Work Order/Contract/Invoice Number: WO1170007244.001
		Phone: 1-877-833-6948 918-835-6948 918-835-2804 Fax: 918-835-2804
6. Item: 1	7. Description: MAGNETO	8. Part Number: 10-500556-101
		9. Eligibility: * N/A
		10. Quantity: 1
		11. Serial/Batch Number: D07EA131
		12. Status/Work: REPAIR

13. Remarks:
- CSB641 CONDENSOR
 - MSB644 COIL & ROTOR (AD 94-01-03R2)
 - MSB645 500 HR. IMPULSE INSPECTION (AD 2005-12-06)
- SB2-80C 500 HR. INSPECTION
 - SB1-98 250 HR. IMPULSE INSPECTION (AD-99-04-04)
 - SB2-08B BREAKER POINT CAM
 - SB3-08C CARBON BRUSH

REPAIR/500HR INSPECTION

MANUAL # X42002-3 ISSUE DATE: 08/11

Certifies that the work specified in Block 12/13 was carried out in accordance with EASA Part 145 and in respect to that work the component is considered ready for release to service under EASA Part 145 approval no EASA 145.5982.

See Attached Work Order Summary for details. (2) pages

<p>14. Certifies the items identified above were manufactured in conformity to:</p> <p><input type="checkbox"/> Approved design data and are in a condition for safe operation.</p> <p><input type="checkbox"/> Non-approved design data specified in Block 13.</p>	<p>19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13</p> <p>Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.</p>		
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: <i>Cvette Mitchell</i>	21. Approval/Certificate No.: QYIR334Y
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Cvette Mitchell	23. Date (m/d/y): FEB 26, 2013

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

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by Cody Richard
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FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 20 Apr 2012

REG: C-GBIV

TOTAL AIRFRAME TIME: 918.8

W0#: 5926

- 1) 100-hour/Annual inspection completed as per CAR 625 appendix B part 1 and C, using Cirrus Design Scheduled Inspection Report as a guide.
- 2) Engine oil changed with 7L Aeroshell 15w50, oil filter inspected and replaced with new P/N: CH48108-1.
- 3) Engine DP test results: #1- 60/80, #3- 70/80, #5- 72/80, #2- 65/80, #4- 66/80, #6- 66/80
- 4) Spark plugs cleaned, gapped and tested.
- 5) Induction air filter replaced with new P/N: 33-2022.
- 6) RH magneto timing adjusted.

500 hr mag insp.
see airframe log

CARRIED FORWARD

REPAIRS, ADJUSTMENTS, MODIFICATIONS

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

- 7) Absolute pressure controller adjusted.
- 8) * Propeller governor high stop adjusted 1/2 turn (increase).
- 9) Engine controls cleaned and lubricated.
- 10) AD CF90-03R2: Heat muff inspected in accordance with Part I, paragraph 1-4, no defects noted.
- 11) Ground run, no leaks, all parameters normal.
- 12) AD's researched and verified from date of manufacture through present for applicability and compliance. Technical log section 2 (airframe) opened and engine & propeller AD's signed out in appropriate logs.

* Independent control check completed by Cody Richardet AMO/ACA 110-95-9.
 THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-1

Jeff Foster

FOSTER AIRCRAFT MAINTENANCE LTD.
 UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
 TRANSPORT CANADA AMO#110-95

DATE: 04 Jul 2012 REG: C-GBIV TOTAL AIRFRAME TIME: 984.4 W0#: 5997

- 1) Engine oil changed with 7L Aeroshell 15w50, oil filter inspected and replaced with new P/N: CH48109-1.
- 2) RH heat muff intake duct replaced with new P/N: 04-6400001-5-74-4.
- 3) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-9

Cody Richardet

FOSTER AIRCRAFT MAINTENANCE LTD.
 UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
 TRANSPORT CANADA AMO#110-95

DATE: 27 Sept 2012 REG: C-GBIV TOTAL AIRFRAME TIME: 1033.3 W0#: 6081

Engine oil changed with 7L Aeroshell 15w50, oil filter inspected and replaced with new P/N: CH48109-1.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-1

Jeff Foster

FOSTER AIRCRAFT MAINTENANCE LTD.
 UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
 TRANSPORT CANADA AMO#110-95

DATE: 31 Jan 2013 REG: C-GBIV TOTAL AIRFRAME TIME: 1078.8 W0#: 6195

- 1) Engine oil changed with 7L Aeroshell 15w50, oil filter inspected and replaced with new P/N: CH48108-1.
- 2) Spark plugs replaced with new Champion P/N: RHB32E (12).
- 3) * Propeller governor high stop adjusted out one turn and prop control travel verified.
- 4) Ground run completed, all parameters normal.

* Independent control check completed by Cody Richardet AMO/ACA 110-95-9.
 THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-1

Jeff Foster

HRS. MIN.
BROUGHT FORWARD →

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 06 Feb 2013 REG: C-GBIV TOTAL AIRFRAME TIME: 1080.4 W0#: 6203

Cylinder #6 EGT probe replaced with new P/N: 16579-002. Ground run, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-9

Cody Richardet

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 17 Apr 2013 REG: C-GBIV TOTAL AIRFRAME TIME: 1131.2 W0#: 6281

- 1) 100-hour/Annual inspection completed as per CAR 625 appendix B part 1 and C, using Cirrus Design Scheduled Inspection Report as a guide.
- 2) Engine oil **NOT** changed due to low TIS (9.9 hrs).
- 3) AD CF90-03R2: Heat muff inspected in accordance with Part I, paragraph 1-4, no defects noted.
- 4) Engine DP test results: #1- 54/80, #3- 64/80, #5- 62/80, #2- 66/80, #4- 68/80, #6- 70/80
- 5) Spark plugs cleaned, gapped and tested.
- 6) Induction air filter replaced with new P/N: 33-2022.
- 7) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-1

Jeff Foster

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 12 July 2013 REG: C-GBIV TOTAL AIRFRAME TIME: 1169.1 W0#: 6382

Engine oil changed with 7L Aeroshell 15w50, oil filter inspected and replaced with new P/N: CH48109-1.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-9

Cody Richardet

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 16 Aug 2013 REG: C-GBIV TOTAL AIRFRAME TIME: 1220.7 W0#: 6423

- 1) 100-hour inspection completed using Cirrus Design Scheduled Inspection Report as a guide.

CARRIED FORWARD

DATE	HRS.		MIN.	
BROUGHT FORWARD				

FOSTER AIRCRAFT MAINTENANCE LTD.
 UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
 TRANSPORT CANADA AMO#110-95

DATE: 27 Aug 2013 REG: C-GBIV TOTAL AIRFRAME TIME: 1226.5 W0#: 6442
 TIT probe replaced with new P/N: 86245. Ground run, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS
 AMO/ACA: 110-95-1 Jeff Foster

FOSTER AIRCRAFT MAINTENANCE LTD.
 UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
 TRANSPORT CANADA AMO#110-95

DATE: 23 Oct 2013 REG: C-GBIV TOTAL AIRFRAME TIME: 1271.1 W0#: 6510
 Engine oil changed with 7L Aeroshell 15w50, oil filter inspected and replaced with new P/N: CH48108-1.
 Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS
 AMO/ACA: 110-95-9 Cody Richardet

FOSTER AIRCRAFT MAINTENANCE LTD.
 UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
 TRANSPORT CANADA AMO#110-95

DATE: 22 Apr 2014 REG: C-GBIV TOTAL AIRFRAME TIME: 1337.0 W0#: 6675

- 1) 100-hour/Annual inspection completed as per CAR 625 appendix B part 1 and C, using Cirrus Design Scheduled Inspection Report as a guide.
- 2) Engine oil changed with 7L Aeroshell W100+, oil filter inspected and replaced with new P/N: CH48108-1.
- 3) Engine DP test results: #1- 72/80, #3- 68/80, #5- 60/80, #2- 74/80, #4- 72/80, #6- 78/80
- 4) Spark plugs replaced with new Champion P/N: RHB32E (12).
- 5) Induction air filter replaced with new P/N: 33-2022.
- 6) RH cylinder baffle replaced with new P/N: M15471-003.
- 7) RH aft baffle support replaced with new fabricated bracket assembly.
- 8) Tailpipe V-band clamp 350 hour replacement carried out. Clamps replaced with new P/N: 11-1100023 (2). Next due at 1687.0.
- 9) AD CF90-03R2: Heat muff inspected in accordance with Part I, paragraph 1-4, no defects noted.
- 10) AD 2014-05-29: Cylinder head separation not applicable by installed equipment.
- 11) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS
 AMO/ACA: 110-95-1 Jeff Foster

FOSTER AIRCRAFT MAINTENANCE LTD.
 UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
 TRANSPORT CANADA AMO#110-95

DATE: 23 July 2014 REG: C-GBIV TOTAL AIRFRAME TIME: 1366.1 W0#: 6779

Engine oil changed with 7L Aeroshell W100+, oil filter inspected and replaced with new P/N: CH48108-1.
 Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS
 AMO/ACA: 110-95-9 Cody Richardet

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		

REPAIRS, ADJUSTMENTS, MODIFICATIONS

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 15 Mar 2014 REG: C-GBIV TOTAL AIRFRAME TIME: 1301.6 W0#: 6638

- 1) Engine oil changed with 7L Aeroshell W100+, oil filter inspected and replaced with new P/N: CH48108-1.
- 2) LH exhaust manifold replaced with new P/N: 22-6850011.
- 3) Absolute pressure controller adjusted out 1/8 turn (decrease).
- 4) * Propeller governor high stop adjusted in 1 turn (decrease).
- 5) Ground run, no leaks, all parameters normal.

* Independent control check completed by Zac Bartel AMO 110-95
THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

Cody Richardet

AMO/ACA: 110-95-9

DATE	TIME RUN		TIME OVERHAUL	
	HRS.	MIN.	HRS.	MIN.
BROUGHT FORWARD →				

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

FOSTER AIRCRAFT MAINTENANCE LTD.
 UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
 TRANSPORT CANADA AMO#110-95

DATE: 25 Nov 2014 REG: C-GBIV TOTAL AIRFRAME TIME: 1426.3 W0#: 6906

- 1) Engine oil changed with 7L Aeroshell W100, oil filter inspected and replaced with new P/N: CH48108-1.
- 2) Turbo controller and wastegate cleaned, flushed and adjusted.
- 3) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-10

Brent Babiuk

DATE	HRS.	MIN.	HRS.	MIN.
28 JAN 2015	1439	0	—	—
06 MAR 2015	1446	1	—	—
04 APR 2015	1452	5	—	—
CARRIED FORWARD				

TOTAL THIS PAGE

CH48108-1.

MENTS
Babiuk

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 28 Jan 2015 REG: C-GBIV TOTAL AIRFRAME TIME: 1439.0 WO#: 6957

- 1) Wastegate pressure relief 'H valve' removed, backflushed/cleaned and reinstalled.
- 2) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-9

Cody Richardet

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 06 Mar 2015 REG: C-GBIV TOTAL AIRFRAME TIME: 1446.1 WO#: 6998

- 1) Engine oil changed with 7L Phillips 20w50, oil filter inspected and replaced with new P/N: CH48108-1.
- 2) Turbocharger inlet minimum pressure valves cleaned in accordance with TAT SB11-04, reinstalled and leak checked.
- 3) Turbocharger outlet check valves removed, cleaned, inspected and reinstalled.
- 4) Induction system, including heat muff, flushed and cleaned.
- 5) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-9

Cody Richardet

Apr 1/15



2965 Airport Road,
Kamloops B.C. V2B 7W8 Canada

A.M.O. No.: 15-82
Form# 13-41

LOGBOOK INSERT

Engine Make: Continental
Engine Model: IO-550-N
Aircraft Registration: C-GBIV

Engine Hours: 1742.60
Work Order #: S63053
T.S.N.: 1742.60

Description of work:
Replace 6 Cylinders with new, repair alternator field circuit.

*See revision
(Ref listers), S63053*

6 cylinders removed and 6 complete new continental 658538A2BP cylinder and piston assemblies installed as per Continental IO-550-N service manual latest rev. #1 Alternator Field Control replaced with new Pt#29435-001 IAW SR22-PC24-1880A, Sect 24-30-06, page 2, figure 6 Replaced 6" section of Alternator field wire chafed at Alternator clamp. Engine test run and all temperatures, pressures and parameters meet manufactures specifications.

Date: *April 1, 2015*

Signature of authorized person

[Signature]
NAME/ACA # 15-82



A: 110-95-9



2965 Airport Road,
Kamloops B.C. V2B 7W8 Canada

A.M.O. No.: 15-82

Form# 13-41

LOGBOOK INSERT

revised

Engine Make: Continental
Engine Model: IO 550-N
Aircraft Registration: C-GBIV

Engine Hours: 1452.50
Work Order #: S63053
T.S.N.: 1452.50

Description of work:

Replace 6 Cylinders with new, repair alternator field circuit as per service order: **S63053**

6 cylinders removed and 6 complete new continental 658538A2BP cylinder, pistons and piston pin assemblies, new lifters part # 658077 exhaust and 658088 intake installed as per Continental IO-550-N service manual latest rev. #1. Alternator Field Control replaced with new Pt#29435-001 IAW SR22-PC24-1860A, Sect 24-30-06, page 2, figure 6. Replaced 6" section of Alternator field wire chafed at Alternator clamp. Engine test run and all temperatures, pressures and parrameters meet manufactures specifications.

Date: April 1, 2015

Signature of authorized person



Doug Hamerton/ACA # 22

NUMBER

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 13 Apr 2015 REG: C-GBIV TOTAL AIRFRAME TIME: 1462.7 W0#: 7040

Engine oil changed with 7L Aeroshell 100, oil filter inspected and replaced with new P/N: CH48108-1.
Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-9

Cody Richardet

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 27 Apr 2015 REG: C-GBIV TOTAL AIRFRAME TIME: 1475.6 W0#: 7060

- 1) 100-hour/Annual inspection completed as per CAR 625 appendix B part 1 and C, using Cirrus Design Scheduled Inspection Report as a guide.
- 2) Engine oil not changed due to low time in service.
- 3) Engine DP test results: #1- 76/80, #3- 77/80, #5- 76/80, #2- 73/80, #4- 74/80, #6- 67/80
- 4) Spark plugs cleaned, gapped and tested.
- 5) Induction air filter replaced with new P/N: 33-2022.
- 6) AD CF90-03R2: Heat muff inspected in accordance with Part I, paragraph 1-4, no defects noted.
- 7) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-1

Jeff Foster

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 07 Jul 2015 REG: C-GBIV TOTAL AIRFRAME TIME: 1492.9 W0#: 7131

- 1) Engine oil changed with 7L Phillips 20W50, oil filter inspected and replaced with new P/N: CH48108-1.
- 2) Absolute pressure controller adjusted in 1/8 turn (increase).
- 3) * Propeller governor high stop adjusted out 1/2 turn (increase).
- 4) Ground run, no leaks, all parameters normal.

* Independent control check completed by Brent Babiuk AMO 110-95-10

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-9

Cody Richardet

FOSTER AIRCRAFT MAINTENANCE LTD.
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA
TRANSPORT CANADA AMO#110-95

DATE: 21 Aug 2015 REG: C-GBIV TOTAL AIRFRAME TIME: 1528.1 W0#: 7182

- 1) Engine oil changed with 7L Phillips 20W50, oil filter inspected and replaced with new P/N: CH48108-1.
- 2) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

AMO/ACA: 110-95-9

Cody Richardet

DATE	TIME RUN		OVERHAUL	
	HRS.	MIN.	HRS.	MIN.

NOTE: USE BOTH PAGES

COMPLETE

BROUGHT FORWARD →



CIRRUS SR22, SN 2602, C-GVIB
HOBBS: 1873.3 FLIGHT TIME: 0.0 TT: 1557.6
 Adjusted manifold pressure in accordance with TAT ICA's.
 Post operations run check good.
 Aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under:
 Work Order #24288

10000 Flying Cloud Drive
 Eden Prairie, MN 55347

 952 / 941-2783
 800 / 525-2783
 fax 952 / 941-0206

 C.R.S. QI2R110L

Signed: _____

Dated 10/07/15



ENGINE
CIRRUS SR22, S/N 2602, N678GW
FLIGHT: 0.0 HOBBS: 1873.3 TT: 1557.6
LYCOMING O-360-A1F6, S/N L-15735-36A
TT: 1557.6 TSMOH: N/A
 Performed annual inspection per Cirrus SR22 maintenance/service manual.
 Performed compression check with the following results: #1) 78/80, #2) 76/80, #3) 77/80, #4) 74/80, #5) 76/80, #6) 74/80.
 The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under:
 Work Order #24288

10000 Flying Cloud Drive
 Eden Prairie, MN 55347

 952 / 941-2783
 800 / 525-2783
 fax 952 / 941-0206

 C.R.S. QI2R110L

Signed: _____ Zayen Krause

Dated: 10/29/2015

AIRWORTHINESS

DETAILS OF

DATE	A/D, S/B, S/I, MODS	
MAR 09 2010	CF-2005-40	N/A APPLICABLE
MAR 09 2010	F-2005-023	N/A APPLICABLE
MAR 09 2010	F-2001-135 R1	N/A APPLICABLE
MAR 09 2010	2008-02-03	N/A APPLICABLE
MAR 09 2010	2008-14-07	N/A APPLICABLE
MAR 23/11	2009-16-03	Cylinder head - NA by Model
"	2009-24-51	Superseded by 2009-24-52
"	2009-24-52	Superseded by 2010-11-04
"	2010-11-04	lifter - NA not replaced
20 APR 2012		

Directives Pertaining to Engine Model: TELEDYNE CONTINENTAL, IO-550-N

City	AD Number	AD Subject	Service Bulletin or Reference	Repeat Insp.
CF	CF-2005-40	Non-Conformance of Maintenance on Piston Engines	Previously complied with 09 Mar 2010	NO
CF	CF-90-03R2	Exhaust type cockpit/cabin heaters (muff) inspect pipes + tubes to detect deterioration	Complied with 20 Apr 2012	YES
FR	F-2005-023	ENGINES OVERHAULED BY PROVENCE AERO MAINTENANCE	Previously complied with 09 Mar 2010	NO
FR	F-2001-139R1	CANCELLATION NOTICE - AD SUPERSEDED BY F-2005-023	Cancelled	NO
US	2012-03-06	Failed fuel servo diaphragm	Not applicable by installed equipment	NO
US	2011-25-51	Fractures in starter adapter shaft gears in certain part number (P/N) CMI starter adapters	Not applicable by time in service	NO
US	2010-11-04	Hydraulic lifters, part numbers 657913, 657915, or 657916	Previously complied with 23 Mar 2011	NO
US	2009-24-52	AD superseded by AD 2010-11-04	Superseded	NO
US	2009-24-51	SUPERSEDED BY FAA AD 2009-24-52	Superseded	NO
US	2009-16-03	Separation of the cylinder head.	Previously complied with 23 Mar 2011	NO
US	2009-02-03	Precision Airmotive & Bendix fuel injection servo, having a servo plug gasket, part number (P/N) 365533.	Previously complied with 09 Mar 2010	NO
US	2008-14-07	SUPERSEDED by 2011-26-04	Superseded	NO
US	2008-08-14	SUPERSEDED BY FAA AD 2009-02-03	Superseded	NO
US	2007-16-10	Kelly Aerospace Power Systems turbochargers	Not applicable	NO
US	2007-04-19R1	Cylinder separation	Not applicable by installed equipment	NO
US	2004-10-14	CRANKSHAFT GEAR RETAINING BOLT	Complied with at manufacture	NO
US	2004-08-10	Failures of cylinder heads marketed by ECI	Complied with at manufacture	NO
US	2000-23-21	CRANKSHAFT FAILURE	Complied with at manufacture	NO
US	99-19-01	CRANKSHAFT NDT INSPECTION	Complied with at manufacture	NO
US	98-01-08	EXHAUST ROLLER ROCKER ARMS	Complied with at manufacture	NO
US	96-12-22	ENGINE OIL FILTER ADAPTERS ASSEMBLIES	Complied with at manufacture	NO
US	95-21-15	AVIATION GASOLINE	Complied with at manufacture	NO
US	95-07-01	CONNECTING ROD BOLTS	Complied with at manufacture	NO
US	93-16-15	FUEL PUMP DRIVE COUPLING	Complied with at manufacture	NO
US	93-10-02	CYLINDER VALVE RETAINING KEY	Complied with at manufacture	NO
US	93-08-17	OIL PICK-UP TUBE	Complied with at manufacture	NO
US	91-19-03	CHAMPION OIL FILTERS P/N'S CH48108 + CH48109	Complied with at manufacture	NO
US	91-08-07	FUEL PUMP VENT HOSE FITTING LEAK CHECK	Complied with at manufacture	NO
US	88-17-03	STARTER ADAPTER SHAFTGEAR ASSEMBLY	Complied with at manufacture	NO