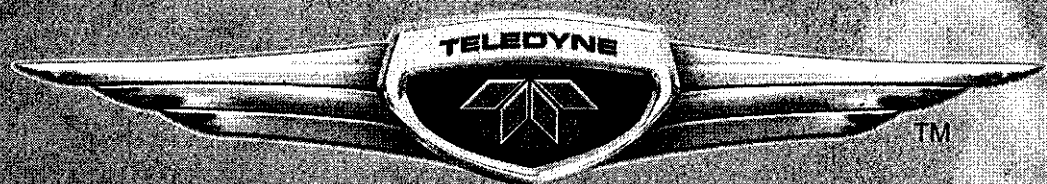
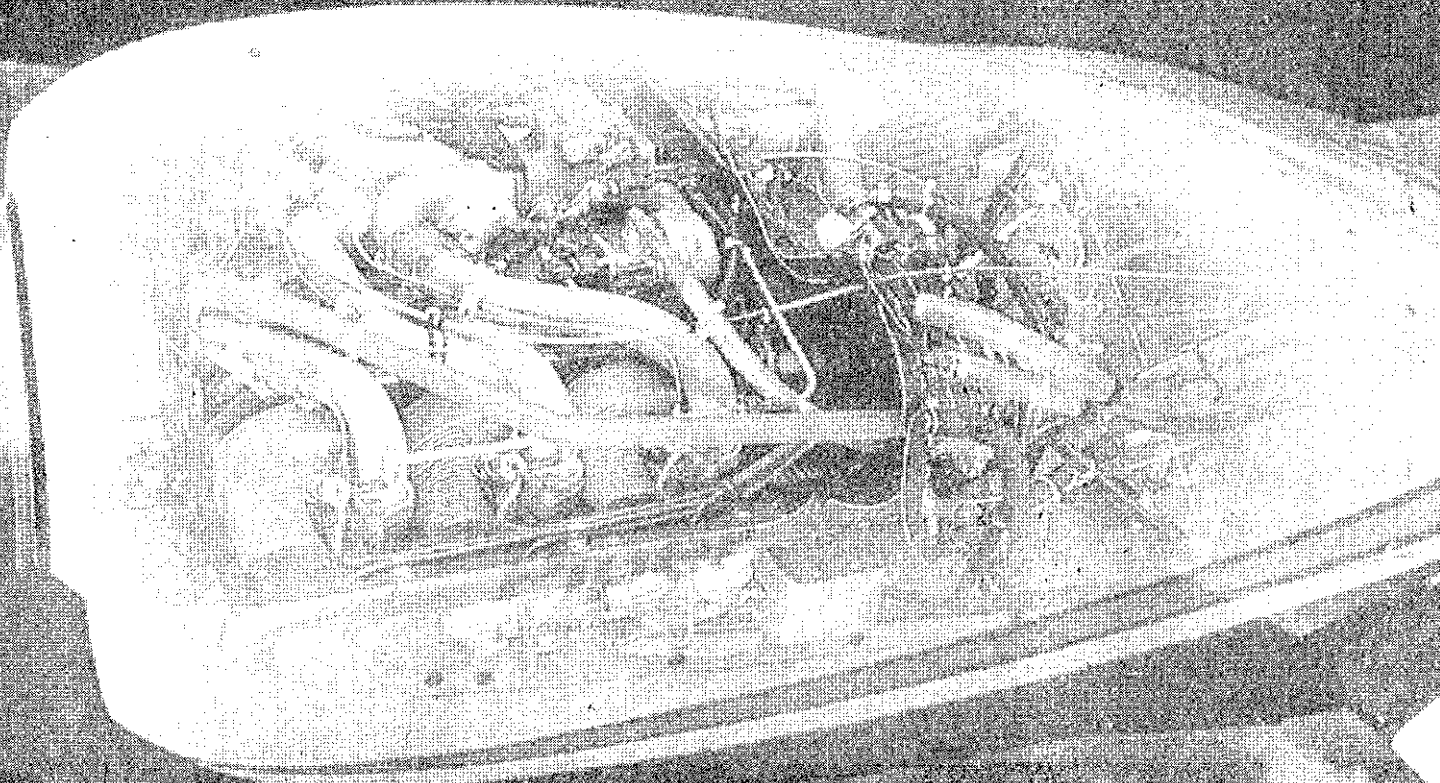


Service Dept. 1-800-326-0089

ENGINE LOG BOOK



CONTINENTAL MOTORS

Aircraft Engine Test Verification

This document verifies that the engine model listed below has satisfactorily completed all testing listed below in accordance with TCM standard engine testing specifications as approved by the FAA.

Engine Model 0470R42B

Engine Serial Number 466802

Testing Completed


Standard Acceptance Test:

Date of Completion 8-14-01 Test Operator 



CONTINENTAL MOTORS

Form No 98344


 **AvTech** • 7079 Airport Rd. • Fleming-Mason Airport (FGX) • Maysville, Ky. 41056 • (606) 742-2084

N52590 8/25/01 Tach 1174 TTE 0.0

Completed ANNUAL inspection this date, utilizing Cessna Service Manual and FAR 43.9App. D. Installed NEW Factory engine, installed with new alt belt, engine mounts, gaskets, seals and hoses as applicable. Installed prop with new nuts and seal. Installed CH48110 filter, filled with 12qt's Aeroshell 100 mineral oil. Replaced air filter {BA8103-1}. Inspect exhaust, heat exchange and baffles. Check mag timing. Dress prop, inspect spinner. Checked and complied with AD's to date, see report. Lubed all controls, ground run-up, test flew and performed op's and leak check, all checks satisfactory. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Brian Coleman A&P 400087835IA

*****END*****


 **AvTech** • 7079 Airport Rd. • Fleming-Mason Airport • Maysville, Ky. 41056 • (606) 742-2084

1/9/02 N52590 Tach 1202 TTE 28

Change engine oil/filter, installed cp48110 filter, serviced with 12qt's Aeroshell 15W50. Ground run-up, performed op's check all checks satisfactory.

Brian Coleman 400087835

*****END*****

 **AvTech** • 7079 Airport Rd. • Fleming-Mason Airport • Maysville, Ky. 41056 • (606) 742-2084


4/24/02 N52590 Tach 1219

Replaced fuel line from strainer to carb with new (111F418D0120) ref (S1167-8-0120). Ground run-up, performed op's check all checks satisfactory.

Brian Coleman A&P400087835

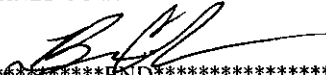
*****END*****

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

 **AvTech** • 7079 Airport Rd. • Fleming-Mason Airport (FGX) • Maysville, Ky. 41056 • (606) 742-2084

N52590 9/16/02 Tach 1231 TTE 57

Completed Annual inspection this date, utilizing Cessna Service Manual and FAR 43.9App. D. Performed cyl. comparison test: {Hot} 1~80/72) 2~ 80/72) 3~ 80/74) 4~ 80/74) 5~ 80/74) 6~ 80/75). Changed engine oil/ filter and inspect filter,[no metal found],installed CH48110 filter, filled with 12qt's Aeroshell 15W50 oil. Replaced air filter {BA8103-1}. Inspect exhaust, heat exchange and baffles. Check mag timing. Dress prop, inspect spinner. Checked and complied with AD's to date, see report. Washed engine, lubed all controls, ground run-up, and performed op's and leak check, all checks satisfactory. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**


 Brian Coleman 400087835A

*****END*****


 **AvTech** • 7079 Airport Rd. • Fleming-Mason Airport • Maysville, Ky. 41056 • (606) 742-2084

1/9/02 N52590 Tach 1252

Change engine oil/filter, installed CH48110 filter, serviced with 12qt's Aeroshell 15W50. Installed new prop cable (MCC299506-0102). Ground run-up, performed op's check all checks satisfactory.


 Brian Coleman 400087835


*****END*****

 **AvTech** • Aircraft M.R.O. / Cirrus Design Authorized Service Center/ Member TCM Link
7079 Airport Rd. • Fleming-Mason Airport (FGX) • Maysville, Ky. 41056 • (606) 742-2084

N52590 9/19/03 Tachometer: 1283 Total Time Engine: 109


Completed Annual inspection this date, utilizing Cessna Service Manual and FAR 43.9Appendix D. Performed cylinder comparison test: {Hot} 1~80/75) 2~ 80/67) 3~ 80/70) 4~ 80/70) 5~ 80/68) 6~ 80/72). Changed engine oil/ filter and inspect filter,[no metal found],installed CH48110 filter, filled with 12qt's Aeroshell 15W50 oil. Complied with SID97-2 TCM Top Care checklist (rear of log). Replaced air filter {BA8103-1}. Resealed forward left oil galley plug. Inspect exhaust, heat exchange and baffles. Check magneto timing. Dress prop, inspect spinner. Checked and complied with Airworthy Directives to date, see report. Washed engine, lubed all controls, ground run-up, and performed operational and leak checks, all checks satisfactory. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION**

Brian Coleman 400087835A 

 **AvTech** • 7079 Airport Rd. • Fleming-Mason Airport • Maysville, Ky. 41056 • (606) 742-2084

1/13/04 N52590 Tach 1313

Change engine oil/filter, installed CH48110-1 filter, serviced with 12qt's Aeroshell 15W50. Ground run-up, performed op's check all checks satisfactory.

 Brian Coleman A&P400087835

*****END*****

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins




AvTech • 7079 Airport Rd. • Fleming-Mason Airport • Maysville, Ky. 41056 • (606) 742-2084

6/1/04 N52590 Tach 1337

Change engine oil/filter. installed CH48110-1 filter. serviced with 12qt's Aeroshell 15W50. Ground run-up. performed op's check all checks satisfactory.

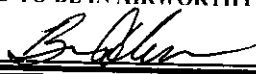
Brian Coleman A&P400087835

*****END*****




AvTech • Aircraft M.R.O. / Cirrus Design Authorized Service Center/ Member TCM Link
 7079 Airport Rd. • Fleming-Mason Airport (F²GX) • Maysville, Ky. 41056 • (606) 742-2084

N52590 10/15/04 Tachometer: 1358 Total Time Engine: 184
 Completed Annual inspection this date. utilizing Cessna Service Manual and FAR 43.9 Appendix D. Performed cylinder comparison test: {Hot} 1~80/68) 2~ 80/68) 3~ 80/68) 4~ 80/68) 5~ 80/74) 6~ 80/69). Clean and gap sparkplugs. Changed engine oil/ filter and inspect filter.[no metal found], installed CH48110-1 filter. filled with 12qt's Aeroshell 15W50 oil. Complied with SID97-2 TCM Top Care checklist (rear of log). Replaced air filter {BA8103-1}. Inspect exhaust. heat exchange and baffles. Check magneto timing. Dress prop. inspect spinner. Checked and complied with Airworthy Directives to date. see report. Washed engine. lubed all controls. ground run-up. and performed operational and leak checks. all checks satisfactory. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION**




Brian Coleman 400087835A




AvTech • Aircraft M.R.O. / Cirrus Design Authorized Service Center/ Member TCM Link
 7079 Airport Rd. • Fleming-Mason Airport (FGX) • Maysville, Ky. 41056 • (606) 742-2084

N52590 2/1/05 Tachometer: 1376
 Changed engine oil/ filter and inspect filter.[no metal found], installed ES48110 filter. filled with 12qt's Aeroshell 15W50 oil. Replaced oil vernatherm with new. Installed Tanis engine pre heater TAS100-12. Ground run-up. and performed operational and leak checks. all checks satisfactory.




Brian Coleman A&P400087835



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N52590 6/9/05 Tachometer: 1404
 Changed engine oil/ filter and inspect filter.[no metal found], installed CH48110-1 filter. filled with 12qt's Aeroshell 15W50 oil. Ground run-up. and performed operational and leak checks, all checks satisfactory.



Brian Coleman A&P400087835

Date

Total Time

Time Since
Last Overhaul**Engine Service and Maintenance Record**Installations, Inspections, Airworthiness Directives, Special Inspections,
Modifications and Service Bulletins

Hrs.

Min.

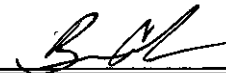
Hrs.

Min.

**AvTech · Aircraft Maintenance and Repair / Cirrus Design Authorized Service Center**7079 Airport Rd. · Fleming-Mason Airport (FGX) · Maysville, Ky. 41056 · (606) 742-2084


N52590 11/7/05 Tachometer: 1438 Total Time Engine: 264

Completed Annual inspection this date, utilizing Cessna Service Manual and FAR 43.9 Appendix D. Performed cylinder comparison test: {Hot} 1~80/68) 2~ 80/65) 3~ 80/74) 4~ 80/70) 5~ 80/65) 6~ 80/70). Clean and gap sparkplugs. Changed engine oil/ filter and inspect filter, [no metal found], installed CH48110-1 filter, filled with 12qt's Aeroshell 15W50 oil. Complied with SID97-2 TCM Top Care checklist (rear of log). Replaced air filter {BA8103-1}. Inspect exhaust, heat exchange and baffles. Adjust alternator belt tension. Replace egt probe with new MM-111. Repair crack left rear baffle. Insulate carb probe leads. Check magneto timing. Dress prop, inspect spinner. Checked and complied with Airworthy Directives to date, see report. Washed engine, lubed all controls, ground run-up, and performed operational and leak checks. all checks satisfactory. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION**

 400087835/A
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N52590 11/14/05

Completed the following maintenance/ repairs: Replaced alt battery terminal with new. Replaced one cowling Lord mount.. Ground run-up, and performed operational and leak checks. all checks satisfactory.

 A&P 400087835/A
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N52590 12/15/06 Tachometer: 1449 Total Time Engine: 275

Completed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter, [no metal found], installed CH48110-1 filter, filled with 12qt's Aeroshell 15W50 oil. Comply with AD 96-12-22 by inspection. Ground run-up, and performed operational and leak checks. all checks satisfactory.

 A&P400087835
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N52590 5/9/06 Tachometer: 1460

Completed the following maintenance/ repairs: Replaced vacuum pump with o/h unit 216CW serial no 51651. Ground run-up, and performed operational and leak checks. all checks satisfactory.

 A&P400087835
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N52590 6/9/06 Tachometer: 1468

Completed the following maintenance/ repairs: Replaced propeller governor with overhauled unit serial number 753709 (release in records). Ground run-up, and performed operational and leak checks. all checks satisfactory.

 A&P400087835

Serviceable Accessory or Part

UNIT GOVERNOR MODEL C29003/T1 T.S.O. 000

New Overhauled Repaired Modified

Serial No's. 753709

The Aircraft and or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work

Order No. # 39458

Date MAY-23-06

Signed Dale Gibson for

H & S PROPELLER SHOP, INC- CERT. NO. MQ5R050N
 6220 G-ROW
 OAKLAND COUNTY INT. AIRPORT, WATERFORD, MICHIGAN 48327

SIDE

SEE OTHER

Aircraft

Owner

H&S STK
SBH

Date	Total T
	Hrs.
Brought Forward	



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7079 Airport Rd. • Fleming-Mason Airport (FGX) • Maysville, Ky. 41056 • (606) 742-2084

N52590 6/16/06 Old Tachometer: 1469 NEW TACH: 0.0 Total Time Engine: 295

Completed the following maintenance/ repairs: Replaced tachometer with new DI-112-5023 serial no. 26074. Ground run-up, and performed operational and leak checks. all checks satisfactory.

[Signature] A&P400087835



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N52590 7/19/06 Tachometer: 10 Total Time Engine: 305

Completed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter. [no metal found]. installed CH48110-1 filter. filled with 12qt's Aeroshell 15W50 oil. Comply with AD 98-12-22 by inspection. Ground run-up, and performed operational and leak checks. all checks satisfactory.

[Signature] A&P400087835



Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Engine Entry N52590:

TCM 0470R42 S/N 466802 Date: 11/29/06 Tach 37 TTE: 332

Performed the following maintenance/ repairs: Completed Annual inspection this date, utilizing Cessna Service Manual and FAR 43.9 Appendix D. Performed cylinder comparison test: {Hot} 1-80/66) 2- 80/66) 3- 80/67) 4- 80/72) 5- 80/62) 6- 80/64). Clean and gap sparkplugs. Changed engine oil/ filter and inspect filter. [no metal found]. installed AA48110 filter. filled with 12qt's Aeroshell 15W50 oil. Complied with SID97-2 TCM Top Care checklist. Replaced air filter {BA8103-1}. Replaced carb temp probe with new 0550209-1. Inspect exhaust. heat exchange and baffles. Check magneto timing. Dress prop. inspect spinner. replaced forward bulkhead and shim to fit Checked and complied with Airworthy Directives to date, see report. Lubed all controls, ground run-up, and performed operational and leak checks. all checks satisfactory. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL


INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

[Signature] 4000878351A

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward →				


Engine Service and Maintenance Record


Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins



AvTech • Aircraft Maintenance and Repair / Cirrus Design Authorized Service Center
 7079 Airport Rd. • Fleming-Mason Airport (FGX) • Maysville, Ky. 41056 • (606) 742-2084

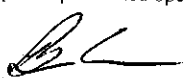
N52590 4/30/07 Tachometer: 58.8 Total Time Engine: 363.8
 Completed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter. [no metal found]. installed AA48110 filter. filled with 12qt's Aeroshell 15W50 oil. Comply with AD 96-12-22 by inspection. Ground run-up. and performed operational and leak checks. all checks satisfactory.


 A&P400087835



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N52590 9/19/07 Tachometer: 80.9 Total Time Engine: 386.7
 Completed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter. [no metal found]. installed AA48110 filter. filled with 12qt's Aeroshell 15W50 oil. Comply with AD 96-12-22 by inspection. Ground run-up. and performed operational and leak checks. all checks satisfactory.


 A&P400087835




Avtech
 Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Engine Entry N52590:
TCM 0470R-42 S/N 466802 Date: 12/19/07 Tach 99 TTE: 394

Performed the following maintenance/ repairs: Completed Annual inspection this date. utilizing Cessna Service Manual and FAR 43.9 Appendix D. Performed cylinder comparison test: {Hot} 1~80/68) 2~ 80/22) 3~ 80/62) 4~ 80/66) 5~ 80/60) 6~ 80/63). R&r cylinder 2 lap valves install new ring set and gaskets. Replaced all sparkplugs. Changed engine oil/ filter and inspect filter. [no metal found]. installed AA48110 filter. filled with 12qt's Aeroshell 15W50 oil. Complied with SID97-2 TCM Top Care checklist. Replaced air filter {BA8103-1}. Replaced complete exhaust system with new pma products from Parts exchange. Inspect exhaust. heat exchange and baffles. Check magneto timing. Dress prop. inspect spinner. replaced forward bulkhead and shim to fit. Checked and complied with Airworthy Directives to date. see report. Lubed all controls. Ground run-up. and performed operational and leak checks. all checks satisfactory. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

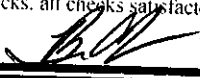
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Avtech
 Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Engine Entry N52590:
TCM 0470R-42 S/N 466802 Date: 5/21/08 Tach 113

Performed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter. [no metal found]. installed AA48110 filter. filled with 12qt's Aeroshell 15W50 oil. Ground run-up. and performed operational and leak checks. all checks satisfactory.

 A&P400087835

Date

Total Time

Time Since
Last Overhaul**Engine Service and Maintenance Record**Installations, Inspections, Airworthiness Directives, Special Inspections,
Modifications and Service Bulletins

Hrs.

Min.

Hrs.

Min.

Brought Forward

**Avtech**Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net**Engine Entry N52590:****TCM 0470R-42 S/N 466802 Date: 7/14/08 Tach 120**

Performed the following maintenance/ repairs: Installed the JPI EG-T-701 engine temperature and fuel flow monitoring system. Installed as per STC SA2586NMR 6/17/1999. STC SA00432SE 12/16/2000. [REF FAA FORM 337 THIS DATE]. Ground run-up and performed operational checks. all checks satisfactory Ground run-up. and performed operational and leak checks. all checks satisfactory..

A&P 400087835

**Avtech**Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net**Engine Entry N52590:****TCM 0470R-42 S/N 466802 Date: 11/4/08 Tach 134**

Performed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter. [no metal found], installed AA48110 filter. filled with 12qt's Aeroshell 15W50 oil. Comply with AD 96-12-22 by inspection. Ground run-up. and performed operational and leak checks. all checks satisfactory.

A&P 400087835

**Avtech**Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net**Engine Entry N52590:****TCM 0470R-42 S/N 466802 Date: 1/5/09 Tach 138 TTE: 433**

Performed the following maintenance/ repairs: Completed Annual inspection this date. utilizing Cessna Service Manual and FAR 43.9 Appendix D. Performed cylinder comparison test: {Hot} 1~ 80/64) 2~ 80/53) 3~ 80/56) 4~ 80/66) 5~ 80/59) 6~ 80/64). Complied with SID97-2 TCM Top Care checklist. Replaced air filter {BA8103-1} Inspect exhaust. heat exchange and baffles. Check magneto timing. Dress prop. inspect spinner. Checked and complied with Airworthy Directives to date. see report. Lubed all controls. Ground run-up. and performed operational and leak checks. all checks satisfactory. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

400087835A

**Avtech**Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net**Engine Entry N52590:****TCM 0470R-42 S/N 466802 Date: 3/12/09 Tach 142**

Performed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter. [no metal found], installed AA48110 filter. filled with 12qt's Aeroshell 15W50 oil. Comply with AD 96-12-22 by inspection. Ground run-up. and performed operational and leak checks. all checks satisfactory.

A&P 400087835

Brought



Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Engine Entry N52590:

TCM 0470R-42 S/N 466802 Date: 9/1/09 Tach 152

Performed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter. [no metal found]. installed AA48110 filter, filled with 12qt's Aeroshell 15W50 oil. Comply with AD 96-12-22 by inspection. Complied with TCM SB09-6A by installing float kit 666-100F Lot # 1765 as per Volare Install Instructions I-1002. carb stamped FF. Ground run-up, and performed operational and leak checks, all checks satisfactory.

BC A&P400087835



Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

Engine Entry N52590:

TCM 0470R-42 S/N 466802 Date: 2/17/10 Tach 167 TTE: 462

Performed the following maintenance/ repairs: Completed Annual inspection this date, utilizing Cessna Service Manual and FAR 43.9 Appendix D. Performed cylinder comparison test: {Hot} 1- 80/60) 2- 80/42) 3- 80/58) 4- 80/64) 5- 80/57) 6- 80/66). Complied with SID97-2 TCM Top Care checklist. Replaced air filter {BA8103-1}. Inspect exhaust, heat exchange and baffles. Check magneto timing. Dress prop. inspect spinner. Checked and complied with Airworthy Directives to date, see report. Lubed all controls. Ground run-up, and performed operational and leak checks, all checks satisfactory. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

BC 4000878351A



Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@windstream.net

Engine Entry N52590:

TCM 0470R-42 S/N 466802 Date: 7/14/10 Tach 183.9

Performed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter. [no metal found]. installed AA48110-2 filter, filled with 12qt's Aeroshell 15W50 oil. Comply with AD 96-12-22 by inspection. Ground run-up, and performed operational and leak checks, all checks satisfactory

BC A&P3498105



Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@windstream.net

Engine Entry N52590:

TCM 0470R-42 S/N 466802 Date: 11/3/10 Tach 202

Performed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter. [no metal found]. installed AA48110-2 filter, filled with 12qt's Aeroshell 15W50 oil. Comply with AD 96-12-22 by inspection. Ground run-up, and performed operational and leak checks, all checks satisfactory.

BC A&P3498105



Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@windstream.net

Engine Entry N52590:

TCM 0470R-42 S/N 466802 Date: 3/15/11 Tach 209 TTE: 504

Performed the following maintenance/ repairs: Completed Annual inspection this date, utilizing Cessna Service Manual and FAR 43.9 Appendix D. Performed cylinder comparison test: [Hot] 1- 80/55) 2- 80/28) 3- 80/56) 4- 80/64) 5- 80/58) 6- 80/64). Removed cylinder 2, reinstalled cylinder 2 after overhaul 8130-3 in records installed with new gaskets and seals. Changed engine oil/filter installed AA48110-2 filter and serviced with 12 qt's Aeroshell 15W50. Complied with SID97-2 TCM Top Care checklist. Replaced air filter [BA8103-1], R&R factory ckt probe clean unit and connections. Inspect exhaust, heat exchange and baffles. Check magneto timing. Dress prop, inspect spinner. Checked and complied with Airworthy Directives to date, see report. Lubed all controls. Ground run-up, and performed operational and leak checks, all checks satisfactory. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

BL 40008783511

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Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@windstream.net

Engine Entry N52590:

TCM 0470R-42 S/N 466802 Date: 8/4/11 Tach 225

Performed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter. [no metal found]. installed AA48110-2 filter, filled with 12qt's Aeroshell 15W50 oil. Comply with AD 96-12-22 by inspection. Ground run-up, and performed operational and leak checks, all checks satisfactory.

BL A&P3498105



Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@windstream.net

Engine Entry N52590:

TCM 0470R-42 S/N 466802 Date: 1/4/12 Tach 246

Performed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter. [no metal found]. installed AA48110-2 filter, filled with 12qt's Aeroshell 15W50 oil. Comply with AD 96-12-22 by inspection. Ground run-up, and performed operational and leak checks, all checks satisfactory.

BL A&P3498105



Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@windstream.net

Engine Entry N52590:

TCM 0470R-42 S/N 466802 Date: 4/16/12 Tach 252 TTE: 547

Performed the following maintenance/ repairs: Completed Annual inspection this date, utilizing Cessna Service Manual and FAR 43.9 Appendix D. Performed cylinder comparison test: [Hot] 1- 80/61) 2- 80/65) 3- 80/56) 4- 80/62) 5- 80/62) 6- 80/60). Complied with SID97-2 TCM Top Care checklist. Replaced air filter [BA8103-1]. Inspect exhaust, heat exchange and baffles. Check magneto timing. Dress prop, inspect spinner. Checked and complied with Airworthy Directives to date, AD96-12-22 by inspection next due ann or filter removal, see report. Lubed all controls. Ground run-up, and performed operational and leak checks, all checks satisfactory. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

BL 349810511


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



Avtech
 Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@windstream.net
Engine Entry N52590:
TCM 0470R-42 S/N 466802 Date: 7/17/12 Tach 258

Performed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter. [no metal found], installed AA48110-2 filter, filled with 12qt's Aeroshell 15W50 oil. Comply with AD 96-12-22 by inspection. Ground run-up, and performed operational and leak checks. all checks satisfactory.

BC A&P 3498105



Avtech
 Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@windstream.net
Engine Entry N52590:
TCM 0470R-42 S/N 466802 Date: 5-7-13 Tach 285 TTE: 580

Performed the following maintenance/ repairs: Completed Annual inspection this date, utilizing Cessna Service Manual and FAR 43.9 Appendix D. Performed cylinder comparison test: {Hot} 1~80/6) 2~ 80/60) 3~ 80/60) 4~ 80/64) 5~ 80/62) 6~ 80/60). Complied with SID97-2 TCM Top Care checklist. Replaced air filter {BA8103-1}. Cleaned gap sparkplugs. Inspect exhaust, heat exchange and baffles. Check magneto timing. Dress prop. inspect spinner. Checked and complied with Airworthy Directives to date. AD96-12-22 by inspection next due ann or filter removal. see report. Lubed all controls. Ground run-up, and performed operational and leak checks. all checks satisfactory. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

BC 3498105/LA

Avtech
 Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056
 606-742-2084 avtech@windstream.net
 Airframe N52590:
 Cessna 182P S/N 18262692 Date: 10/18/13 Tach 291.5
 Performed the following maintenance/ repairs: Replaced alternator with o/h unit Doff10300J s/n 5085167 and new voltage regulator DgR6-1, and noise suppressor S1915-1.FAA 8130-3 in records. Ground run-up and performed operational checks, all checks satisfactory.

A&P 3498105

BC

Avtech
 Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056
 606-742-2084 avtech@windstream.net
 Engine Entry N52590:
 TCM 0470R-42 S/N 466802 Date: 2-25-14 Tach 302
 Performed the following maintenance/ repairs: Changed engine oil/ filter and inspect filter, [no metal found], installed AA48110-2 filter, filled with 12qt's Aeroshell 15W50 oil. Comply with AD 96-12-22 by inspection. Ground run-up, and performed operational and leak checks, all checks satisfactory.

A&P 3498105

BC

Maintenance Record
Directives, Special Inspections,

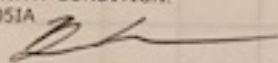
Avtech
Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056
606-742-2084 avtech@windstream.net

Engine Entry N52590:

TCM 0470R-42 S/N 466802 Date: 5-21-14 Tach 302 TTE: 597

Performed the following maintenance/ repairs: Completed Annual inspection this date, utilizing Cessna Service Manual and FAR 43.9 Appendix D. Performed cylinder comparison test, master orifice 38: (Cold) 1~80/56) 2~ 80/58) 3~ 80/57) 4~ 80/56) 5~ 80/58) 6~ 80/56). Replaced air filter (BA8103-1). Cleaned gap spark plugs. Inspect exhaust, heat exchange and baffles. Check magneto timing. Dress prop, inspect spinner, paint blades. Checked and complied with Airworthy Directives to date, AD96-12-22 next due 402 or filter removal, see report. Lubed all controls. Ground run-up, and performed operational and leak checks, all checks satisfactory. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

34981051A

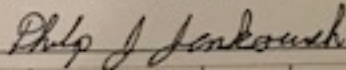


Northwoods Aviation Maintenance, LLC.
www.northwoods-aviation-maintenance-llc.com
715 538-3026

May 24, 2015 Tach: 346.3 AFTT: 3761.3 Engine: TTIS: Unknown TSMOH: 353.2

I certify that this Engine has been inspected In Accordance With an Annual inspection per Cessna 182 Service Manual Inspection Check List. Check AD compliance. Cylinder compression #1 80/65, #2 80/67, #3 80/62, #4 80/70, #5 80/67, #6 80/68. Check muffler, carb inlet screen, engine oil screen. Changed oil 12 qts 15W50 Aeroshell, replaced oil filter with new CH48110-1. Checked magneto to engine timing adjusted L/H magneto. Cleaned gapped spark plugs. Aircraft was test run/leak checked on the ground and determined to be in an airworthy condition.

Philip Jankowski



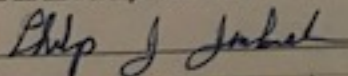
A&P28181471A

Northwoods Aviation Maintenance, LLC.
www.northwoods-aviation-maintenance-llc.com
715 538-3026

May 16, 2016 Tach: 410.1 AFTT: 3825.1 Hobbs: 1547.5 Engine: TTIS: Unknown TSMOH: 417.0

I certify that this Engine has been inspected In Accordance With an Annual inspection per Cessna 182 Service Manual Inspection Check List. Check AD compliance. Cylinder compression #1 80/70, #2 80/70, #3 80/30, #4 80/68, #5 80/67 #6 80/68. Check muffler, carb inlet screen. Changed oil 12 qts 15W50 Aeroshell, replaced oil filter with new CH48110-1. Checked magneto to engine. Cleaned gapped rotated spark plugs. Removed #3 cylinder replaced exhaust valve guide SA636242, grounded intake and exhaust valves/seats, honed cylinder, replaced piston rings SA4000-SC2. #3 exhaust stack with new Aerospace welding Job order 88841. Aircraft was test run/leak checked on the ground and determined to be in an airworthy condition.

Philip Jankowski



A&P28181471A