

AIRFRAME MAINTENANCE RECORDS

Log No. 5

Aircraft Registration No. N13159

Aircraft Mfg. _____ Model _____ Serial No. _____

Engine Mfg. _____ Model _____ Serial No. _____

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

www.adlog.com
P.O. Box 1359 / Southold, NY 11971-0965
(631) 765-9375
1-800-235-6444
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DA

MAKE: Cessna
MODEL: 180k
S/N: 18053166
REG. NO: N13159
WORK ORDER:
0952-11-2019

MacAir
Aviation

MacAir Aviation
140 North Valley Road
Xenia, OH 45385 Greene County
Phone: 937-347-1302

DATE: 12/20/2019
A/C TSN: 25096.1
TACH: 699.8

e No.

RK

Airframe Entries

- Performed Annual airframe inspection in accordance with service manual & inspection checklist.
- Inspected ELT in accordance with FAR 91.207d. No defects noted. Next battery replacement due 01/31/2020.
- Replaced vacuum regulator filter with P/N ARB3-5-1.
- Installed new rivets in R/H cowl flap hinge and door as needed.
- Installed new starter lead cable in terminal end.
- Repositioned inner cylinder baffles.
- Stop drilled crack at #2 cylinder aft baffle forward of dipstick and installed new fastener.
- Installed new tail brackets P/N 0712042-1 and 0712042-2.
- Complied with SL5501 by installation of STC SA02522AK. Fabrication and installation of tail cone reinforcement angles in accordance with QMI, Inc. installation instructions ST02171AK-A, Rev IR dated Jan 18, 2019 or later FAA approved revision. See 337 dated 12/20/2019.
- Researched all airframe airworthiness directives for compliance. See compliance records.

Technicians Who Worked On The Items Listed Above
Colin Gregory, Dan Carlyle, Sean Phillips, Steve Schmid

I certify that this aircraft has been inspected in accordance with the applicable FARs and was determined to be in an airworthy condition at this time. The aircraft and/or component on N13159 was repaired in accordance with the applicable FARs and was found airworthy for return to service.

DATE: 12/20/2019

SIGNED:

Work Order: 0952-11-2019

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MAKE: Cessna
MODEL: 180k
S/N: 18053166
REG. NO: N13159
WORK ORDER:
1396-01-2021

MacAir
Aviation

MacAir Aviation
140 North Valley Road
Xenia, OH 45385 Greene County
Phone: 937-347-1302

DATE: 1/21/2021
A/C TSN: 25124.9
TACH: 728.6

Airframe Entries

- Performed Annual airframe inspection in accordance with service manual & inspection checklist.
- Inspected ELT in accordance with FAR 91.207d. No defects noted. Next battery replacement due Mar 2023.
- Installed new vacuum regulator filter with P/N: RA-D9-18-1.
- Repaired broken wire going to strobe light on tail cone.
- Installed new LH & RH brake hoses P/N: S2178-3-0074. bleid brakes checked for leaks and tested opps.
- Reattached Co-pilot door spring and installed new pin on door prop rod.
- Attached and secured R/H brake line clip to gear leg.
- Installed new L/H outboard wing sump drain P/N CCA2950.
- Complied with AD 2011-10-09 seat track and seat roller inspection, next due in 100 hours.
- Complied with AD2020-21-22 tailcone angle reinforcement by visual inspection. STC SA02522AK was installed in accordance with SL 55-01 on 12/20/2019. Next inspection due in 5 years or 500 hours.
- Complied with AD 84-10-01 R1 by inspection, no water found in fuel system. Next due in 100 hours.
- Complied with AD76-07-12 ignition switch, next due in 100 hours.
- Researched all airframe airworthiness directives for compliance. See compliance records.

Technicians Who Worked On The Items Listed Above:
Avin S Minzler, Lee Myers, Nick Schmid

I certify that this aircraft has been inspected in accordance with the applicable FARs and was determined to be in an airworthy condition at this time. The aircraft and/or component on N13159 was repaired in accordance with the applicable FARs and was found airworthy for return to service.

DATE: 1/21/2021

SIGNED:

Work Order: 1396-01-2021

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MAKE: Cessna
MODEL: 180k
S/N: 18053166
REG. NO: N13159
WORK ORDER:
1505-04-2021

MacAir
Aviation

MacAir Aviation
140 North Valley Road
Xenia, OH 45385 Greene County
Phone: 937-347-1302

DATE: 4/13/2021
A/C TSN: 25131.9
TACH: 735.6

Airframe Entries

- New Gill battery installed P/N RG24-15M S/N 41111796. Ops checked ok.

Technicians Who Worked On The Items Listed Above:
Avin S Minzler, Ryan Grove

DATE: 4/13/2021

SIGNED:

Work Order: 1505-04-2021

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SUB-TOTAL this page

TOTAL-Carry forward to next page

DATE _____

TBM
DAHER**MAC**
Muncie Aviation Company
An Employee Owned Company**Piper**

Reg. Mark	Hobbs	Make	Model	S/N
N13159	4687.8	Cessna	180K	18053166

Removed Items:

Bendix King KX165 #2 Nav/Com, p/n 069-1025-25, s/n 49878

Installed Items:

Garmin GNS-430W #2 Nav/Com/GPS, p/n 011-01060-00, s/n 23403505

Garmin GA35 GPS Antenna, p/n 013-00235-00, s/n 178596

1. Installed Garmin GNS430W as the #2 GPS/NAV/COM in accordance with STC #SA01933LA-D, revised date 11/30/2017, and Garmin 400W Series Installation Manual p/n 190-00356-02, revision M, dated 07/05/2017. Installed Garmin GA35 as the #2 WAAS/GPS Antenna IAW STC #SA01695SE, amended 02/15/2007. Work performed IAW Garmin STC Installation Manual, 190-00569-00, revision F, dated 09/04/2007. The GNS430W was operationally checked and configured in accordance with the 400W Series Installation Manual Section 5 and the Post-Installation Checkout Log. The electrical load change was +1.8 amps. The aircraft Weight & Balance/Equipment List was updated to reflect the removed and installed equipment changes.
2. Lowered overhead for access and repaired instrument panel lights connector. System ground checks good. Glare shield lights were inop. Repaired wiring at the circuit breaker and replaced switches for both left and right. System ground checks good. Work performed UV250 Lightning system Manual AE04030-01, Cessna Service Manual for 180/185, D2000-9-13, change 9, Section 19, and AC43.13-1B.
3. Runup aircraft and verified Alternator whine and Ignition noise. Repaired shield connection on #5 lead and replaced crimp end as needed. Replaced broken capacitor on alternator and replaced incorrect ground wire from engine to airframe. Removed front intercom jacks and insulated as needed. Runup and verified no ignition noise and negligible alternator noise in audio system. All work performed IAW AC No: 43.13-1B Date: 9/8/98 and Garmin GMA340 installation manual 190-00149-01, Rev L, dated June 2003.

The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Details of the repair/inspection are on file at this C.R.S. under Shop Order No. A-21-3254

Date 2-4-2021 Signed _____ Inspector For Muncie Aviation Company
CRS# AJVR135C, Muncie, Indiana 47303

MAKE: Cessna
MODEL: 180K
S/N: 18053166
REG. NO: N13159
WORK ORDER:
1589-06-2021

MacAir
Aviation**MacAir Aviation**

140 North Valley Road
Xenia, OH 45385 Greene County
Phone: 937-347-1302

DATE: 6/10/2021
A/C TSN: 25138.1
TACH: 741.8

Airframe Entries

- Drained L/H fuel tank and resealed with Chemseal CS3204B2. Refilled fuel tank with 100LL and leak checked.

Technicians Who Worked On The Items Listed Above
Alvin S. Mirzler, Ryan Grove

DATE: 6/10/2021

SIGNED: _____

Tim Kerns, A&

Work Order: 1589-06-2021

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MacAir Aviation LLC - 5M4R667D

MA203, Rev. Original

140 North Valley Road, Xenia, Ohio 45385

"I certify the ATC transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F."

#1 Make: Garmin Model: GTX 327 S/N: 83752127#2 Make: N/A Model: N/A S/N: N/A

Details of this inspection are on file at this repair station under:

WO#: 1599ADate: 6/10/21

Signed: _____