

Carolina
CTS TURBINE SUPPORT

10 Forward Court • Aiken, SC 29805
FAA Repair Station #U67R455Y

DATE: 7/24/18 REG#: N6075Q S/N: 3254 HOBBS: 2129.7 WO#: 2273

The altimeter system and altitude reporting equipment tests and inspections required by 14 CFR 91.411 have been performed and found to comply with FAR 43, Appendix E.

Static system(s) tested to: 20,000 FT Encoder(s) tested to: 20,000 FT

ALT #1	P/N: 5934P-1	S/N: 94455
ALT #2	P/N: N/A	S/N: N/A
STBY ALT	P/N: N/A	S/N: N/A
ADC #1	P/N: N/A	S/N: N/A
ADC #2	P/N: N/A	S/N: N/A

The ATC transponder tests and inspections required by 14 CFR 91.413 have been performed and found to comply with FAR 43, Appendix F.

XPDR #1	P/N: KT-76A	S/N: 74179
XPDR #2	P/N: N/A	S/N: N/A

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/INSPECTION ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER.

AUTHORIZED SIGNATURE [REDACTED] FOR CAROLINA TURBINE SUPPORT, INC.
FAA REPAIR STATION #U67R455Y, 10 FORWARD COURT, AIKEN, SOUTH CAROLINA 29805

1 OF 1

TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of
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Aircraft Logbook

Date 2-4-17 Mooney M-20C N6075Q S/N 3254 TAC 2093.0 TTAF 3812.0

Complied with a annaual inspection per FAR 43 app(d) and current maintenance manuals. Removed cowlng and all inspection panels. Inspected interior of wings and fuselage. Checked all cables,pulleys,bellcranks,tumbuckles and rodends, checked and lubed all lube and hinge points, checked all electrical wiring and equipment and lights. Aircraft jacked and complied with gear retract checks and lubed all landing gear points. Checked tires wheels and brakes, cleaned and regreased wheel bearings.checked ELT per FAR 91.207(d) and found OK. Batteries due OCT. 2020. complied with AD's 73-21-01, lubed flight controls and gear system. 75-09-08 inspected engine mount,found ok. 77-17-04inspected control wheel shafts,per AD,ok. 76-07-12 ops checked ignition switch, found to br ok. All other AD's NA or P/C/W. I certify that this aircraft has been inspected in accordance with a annual inspection and found to be in a airworthy condition.

[REDACTED] For

Aircraft Logbook

Date: 4-2-18 Mooney M-20-C N6075Q S/N 3254 TAC 2117.8 TTAF 3836.8

Complied with a annual inspection per FAR 43 app(D) and current mooney manintenance instructions.Removed cowlng and panels. Inspected interior of wings and fuselage. Checked all cables,pulleys,bellcranks,tumbuckles and rod ends. Checked and lubed all lube and hinge points. Checked all wiring,lights and electrical equipment. Aircraft jacked and complied with gear retraction chacks. Lubed all gear points. Checke tires, wheels and brakes. Cleaned and repacked wheel bearings. Checked ELT per FAR 91.207(d), found ok, Battery due CCT. 2020.checked AD's 73-21-01, 75-09-08, 77-17-04, 76-07-12 all ad's checked per ad instructions. I certify that this aircraft has been inspected in accordance with a annual inspection and found to be in a airworthy condition.

[REDACTED]

YEAR	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations		
Palmetto Avionics LLC FAA CRS# 3PXR870B				Palmetto Avionics LLC FAA Certified Repair Station No. 3PXR870B 322 Terminal Rd Hangar A-1 Greenwood, SC 29649 Ph: 864-450-9009		
Reg. # <u>N6075Q</u> Tach/Hrs <u>2080.71</u>				SERVICEABLE Unit Nomenclature <u>AH</u> Manufacturer <u>UNITED</u> Model <u>5934P-1</u> Serial No. <u>35455</u> Customer <u>GARY HOOVERSTON</u> Total Time <u>2080.71</u> Work Order No. <u>1401</u> Date <u>7-27-2016</u> ☐ Repair ☒ Inspection ☐ Calibration The appliance identified above was repaired and/or inspected in compliance with current FAA regulations and is approved for return to service for the work performed. Form Revision: Rev. 1 Dated 09-04-2013		
Altimeter Model <u>UNITED 5934P-1</u> S/N <u>35455</u>						
Transponder Model <u>KING KT-76A</u> S/N <u>74179</u>						
I certify the altimeter, altitude reporting, and static system tests required by 14 CFR Part 91.411 and the transponder tests, including data correspondence, required by 14 CFR Part 91.413 have been performed to an altitude of <u>20,000</u> feet and found to comply with 14 CFR Part 91.413 Appendix E and F. Details are on file under Palmetto Avionics LLC Work Order # <u>1401</u> [Signature] Date <u>7-27-2016</u> Form Revision: Revision 1 Dated: 09-04-2013						
Altimeter Error Sheet						
Palmetto Avionics LLC FAA CRS# 3PXR870B		Altitude Pressure Ft.	Scale Error	Friction Error	Altitude Pressure Ft.	
Date	<u>7-27-2016</u>	<u>-1000</u>	<u>-5</u>		<u>10000</u>	<u>+</u>
Work Order Number	<u>1401</u>	<u>0</u>	<u>0</u>		<u>12000</u>	<u>+</u>
Manufacturer	<u>UNITED</u>	<u>500</u>	<u>0</u>		<u>14000</u>	<u>+</u>
Model	<u>5934P-1</u>	<u>1000</u>	<u>0</u>	<u>0</u>	<u>15000</u>	<u>+</u>
		<u>1500</u>	<u>+5</u>		<u>16000</u>	<u>+40</u>
		<u>2000</u>	<u>+5</u>	<u>5</u>	<u>18000</u>	<u>+45</u>
		<u>3000</u>	<u>+10</u>	<u>5</u>	<u>20000</u>	<u>+55</u>
		<u>4000</u>	<u>+10</u>		<u>22000</u>	<u>15</u>
		<u>5000</u>			<u>25000</u>	

Aircraft Logbook			
Date: 12-5-15 Mooney M20C N6075Q S/N 3254 Tac 2065.2 TTAF 3784.2 - Complied with a annual inspection per FAR43 app(D) and current maintenance manuals. Removed cowling and all panels. Inspected interior of wings and fuselage. Checked all tubes, rods, control rods and wiring. Checked and lubed all lube and hinge points. Checked all lights and electrical equipment checked ELT per FAR 91.207d, found ok, batteries due again Oct. 2020. aircraft jacked and complied with gear retraction checks. Lubed all gear points. Checked tires, wheels and brakes, cleaned, inspected and repacked wheel bearings. Complied with AD's 73-21-01 lubed flight controls and gear system, AD 75-09-08 inspected engine mount found ok. AD 77-17-04 inspected control wheel shaft, found to be ok. 76-07-12 ops checked ignition switch ok. 12-05-09 P/C/W 9-12-12 AD 14-15-18 NA by model or S/N. all other AD' P/C/W or N/A. I certify that this aircraft has been inspected in accordance with a annual inspection and found to be in a airworthy condition. [Signature]			
7-20-16	2078.0	Installed new G-35 series battery, changed & serviced. Found OK for service.	
		[Signature]	

Engine Logbook

Date 12-5-15 Mooney M20C N6075Q S/N 3254 Tac 2065.2 TSMOH 324.1

Complied with a annual inspection per FAR43 app(D) and current Lycoming maintence instructions. Compressions. 1.80/74,2.80/76,3.80/78,4.80/77. drained oil and installed new CH48110 oil filter, serviced with 8qts 20/50 phillipsXC oil.Installed new replacement insert Exhaust. Inspected exhaust system. Checked all wiring, baffles, fuel and oil lines ducts and hoses. Checked mags and timing. Cleaned, gapped and rotated sparkplugs.checked and cleaned airfilter. Checked fuel screens and sump drains. I certify that this engine has been inspected in accordance with a annual inspection and found to be in a airworthy condition.

Engine Logbook

Date 2-4-17 mooney M20C N6075Q S/N 3254 TAC 2093.0 AFTT 3812.0 Eng TSMOH 351.9

Complied with a annual inspection. Compressions. 1.80/72,2.80/787,3.80/76,4.80/77. changed oil and filter. New CH48110 oil filter and serviced with 8qt 20/50 phillips XC oil. Cleaned,gapped and rotated sparkplugs. Checked,cleaned and serviced engine airfilter. Checked all wiring,hoses,ducts,baffles and controls. Checked fuel screens. Checked mag timing. I certify that this engine has been inspected in accordance with a annual inspection and found to be in a airworthy condition.

Engine Logbook

Date: 11-21-14 Mooney M20-C N6075Q Tac 2029.6 TSMOH 288.5

Compressions. 1.80/76, 2.80/70, 3.80/76, 4.80/76, drained oil, removed old filter and cut open to inspect for metal. No metal or abnormallies noted. Installed new CH48110 oil filter and serviced with 8qts 20/50 phillips oil. Cleaned ,gapped and rotated all sparkplugs. Checked all wiring and baffles, hoses, ducts and controls. Checked fuel screens. Inspected exhaust system. Checked mags and timing. Checked and replaced airfilter. I certify that this engine has been inspected in accordance with a annual inspection and found to be in a airworthy condition.

9/11/15 2061.99

changed oil & filter
Phillips 20-50 XC

Engine Logbook

Date: 9-12-12 Mooney N6075Q Tac 1972.8 Engine Tsmoh 231.7

Complied with a annual inspection per current manuals. Compression. 1.80/72 2.80/76, 3.80/74, 4.80/74. Cleaned, gapped and rotated sparkplugs. Drained oil, replaced oil filter with new CH48110 and serviced with 8qts 20/50 phillips XC oil. Checked all hoses, tubes, baffles and controls. Checked mags and timing. I certify that this engine has been inspected in accordance with a annual inspecton and found to be in a airworthy condition.

Engine Logbook

Date: 10-4-13 N6075Q Tac 1992.9 TSMOH 251.8

Compressions. 1.80/74, 2.80/74, 380/72, 4.80/72. changed oil and filter. New CH48110 filter and serviced with 8qts 20/50 phillips oil. Cleaned and gapped and rotated sparkplugs. Checked all wirins,hoses, ducts, baffles and controls. Inspected exhaust system. Checked mags and timing. AD's checked to date. I certify that this engine has been inspected in accordance with a annual inspection and found to be in a airworthy condition..

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-C3YR-1KF/F728Z

PROPELLER S/N DY6624B

LOGBOOK # _____

TSN TSO Hrs

Service Documents Overhaul

Propeller logbook

Date 2-4-17 Mooney M20C N 6075Q S/N 3254 TAC 2093 AFTT 3812.0 Prop TSN 351.9
Complied with a annual inspection. Removed spinner and inspected hub and blades. No nicks,cracks or
leaks noted serviced by greasing with aeroshell #6 grease. Cleaned and reinstalled spinner. Propeller found
to be in a airworthy condition.

[REDACTED]

Propeller Logbook

Date: 4-2-18 Mooney M20-C N6075Q Tac 2117.7 TSN 348.9 (376-6)
Inspected for nicks,cracks or leaks, none noted. Serviced with aeroshell #6 grease. Propeller found to be in a
airworthy condition.

[REDACTED]

Propeller logbook

Date: 10-4-13 N6075Q Tac 1992.9 TSOH 251.8 complied with a annual inspection. Checked for nicks,
cracks leaks and overall condition. Greased per Specs. Propeller found to be in a airworthy condition.

[REDACTED]

Propeller Logbook

Date 11-21-14 Mooney M20C N6075Q Tac 2029.6 Tsmoh 288.5
Inspected propeller for annual inspection. No cracks,nicks or leaks noted. Propeller found to be in a
airworthy condition.

[REDACTED]

Propeller Logbook

Date; 12-5-15 M00ney M20C N6075Q S/N 3254 Tac 2065.2 TSN 324.1
Complied with a annual inspection. Checked for nicks,leaks or cracks and overall condition.
Serviced by greasing with aeroshell #6 Grease. Propeller found to be in a airworthy condition.

[REDACTED]

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
			 P J AIRCRAFT SVC, INC. MOONEY AVON PARK, FL 33825 Mooney N6075Q Tach 1953.42 Psn 212.28 Prop 8/01/2011 I certify this Propeller has been inspected i/a/w Hartzell manual 115N, and found in airworthy condition.
			Propeller Logbook Date: N6075Q Tac 1972.8 TSN 231.7 complied with a annual inspection of propeller. Greased with aeroshell #6 grease. Inspected for nicks, cracks or leaks, no problems noted. Propeller found to be in a airworthy condition.

			 P J AIRCRAFT SVC, INC. MOONEY SEBRING, FL. 33870 MOONEY N6075Q TACH 1878 SN 136.7 7/25/08 PROPELLER I CERTIFY THIS PROP HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND FOUND AIRWORTHY
			Propeller Logbook Date: 8-3-09 Mooney N6075Q Tac 1907.5 Prop TSN 166.5 checked properller for condition, no cracks,leaks or nicks noted. Propeller inspected in accordance with a annual inspection and found to be in a airworthy condition.
			P J AIRCRAFT SVC, INC. AVON PARK, FL 33825 Removed spinner and inspected and lubed prop. 2/3/10 <i>Ang</i> I certify this propeller has been inspected and found in Airworthy condition.

The Standard
 AIRCRAFT LOG

ASA-SA-2