

#1 + #3

Aircraft Record General Information

Manufacturer MOOREY Model M20 J
Serial 24-1480 Registration Number N 5765H
Date of Manufacture _____

Engine(s) currently installed:

Manufacturer LYCOMING Model I0-360-A3B6D Serial RL-27954-S1A
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____

-56027-419-3



50595



01274193

Inspections, Tests, Repairs and Alterations

sed with Name, Rating and Certificate Number of Technician or Repair

rd...
is time. See AD Compliance Report dated 11/5/18

and access provisions. Installed new pilot and
'N: 140188-001, (4) screws P/N: MS27039-0816

rer's instructions and instructions for continued

with satisfactory results.
since with an annual inspection and was

[illegible]

YEAR: 19 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10-30	3793.4	AD		<p>clw thru this date. clw Rec'd 12/15/09, tria</p> <p>Retract test clw - OK EL + OK 15/11/2020</p> <p>Hub controls, clw 2 set of belts geararity.</p>
<p>MAKE <u>Mooney</u> MODEL <u>M20</u></p> <p>REGISTERED <u>15-705 USN 24-16180</u></p> <p>I CERTIFY THAT THIS AIRCRAFT ENGINE-PROPELLER</p> <p>HAS BEEN INSPECTED IN ACCORDANCE WITH A</p> <p>ANNUAL 100 HOUR INSPECTION AND WAS FOUND</p> <p>TO BE IN AIRWORTHY CONDITION.</p> <p>DATE <u>10-30-10</u> ATT <u>3793.4</u> LIC <u>A&P 18644101A</u></p> <p>TACH <u>3793.4</u> HOBBS <u>X</u> SMOH <u>X</u></p> <p>SIGN <u>[Signature]</u></p>				<p>1) removed last wing inspection panel</p> <p>replaced lower panel</p> <p>rescribed wings</p> <p>Approved 2 part ser/</p> <p>LOT # 2582603/1019</p> <p>R.N / 09-09643</p>

ENGINE LOG

YEAR 19		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO	DAY					
10	30				comp. #1-76 #2=75, #3=75 #4=76. AOS CW thru this filter.	Old Filter ch cleaned SPB

MAKE LYCOMING MODEL T0360A3B6D
REGIS# 57654 S/N B L 27956-51A

I CERTIFY THAT THIS AIRCRAFT ENGINE-PROPELLER
HAS BEEN INSPECTED IN ACCORDANCE WITH A
ANNUAL 100 HOUR INSPECTION AND WAS FOUND
TO BE IN AIRWORTHY CONDITION.

DATE 10-30-68 AT 3383-4 UC ASP 186-210A

TACH 7792 HOBBS X SMON 1610.8

SIGN

CARRY TOTAL TIME TO TOP OF NEXT PAGE

Crankshaft
Change

ENGINE LOG

YEAR	RECORDING	TIME	TOTAL
------	-----------	------	-------

Disassembled Lycoming IO-360-A3B6D engine S/N RL-27954-51A for crankshaft change. Cleaned, inspected and magnfluxed. Replaced parts as listed. Crankshaft P/N LW-12375 S/N 118953 repaired by D&S (wo# 13072). Camshaft - New Lycoming P/N 05K22754 camshaft kit (Lot# MS-430230). Cylinders - P/N LW12993 repaired as needed - cleaned, inspected, honed barrel, refaced seats and valves lapped and leak checked ok. Reassembled engine IAW Lycoming overhaul manual and FAA regulations.

C/W AD95-07-11 to prevent engine failure due to connecting rod bolt failure/C/W installed factory new bolts P/N 75060. C/W AD2002-12-07 to prevent complete loss of engine oil/C/W per SB543A installed new seal P/N 06B23072. *C/W AD2004-10-14C to prevent loosening or failure of the crankshaft gear retaining bolt/C/W per SB475C. C/W AD2011-26-04 to prevent failure of the fuel injector fuel lines/C/W per SB342F. C/W AD2012-19-01 to prevent failure of the crankshaft/C/W installed serviceable crankshaft P/N LW-12375 S/N 118953.

Test ran engine 2 hours 15 minutes, RPM 2700, oil pressure 82, oil temperature 190, CHT 275. Mag check at 2100 RPM, L 90 RPM, R 90 RPM. Compression test cylinder #1 77/80 #2 76/80 #3 78/80 #4 74/80.

CARRY TOTAL TIME TO TOP OF NEXT PAGE

Installation
after crank shaft change

ENGINE LOG

YEAR: 2013 DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS:

All pertinent details on file this repair station under work order # 20744
TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M.

Signed: [REDACTED] Date: 9/4/13

Date: 9/16/2013. Aircraft: N5765H, Type: M20J, S/N: 24-1480 Hobbs: 3079.3

Lycoming IO-360-A3B6D, s/n: RL-27954-51A

Removed engine then reinstalled after repair performed by Triad Aviation, Inc., WO# 20744, Date: 9/4/13. Replaced SCAT ducts with new, installed new oil filter and serviced engine with AeroShell 100 mineral oil. Replaced alternator belt with new. Replaced vacuum pump with overhauled unit (m/n: 215CC, s/n: 19507). Overhaul performed by Holly Aero, Inc. WO# 19507, Date: 9/20/12. Replaced vacuum hoses in engine compartment with new. Replaced central and vacuum relief filters with new. Replaced Lord engine mounts with new. Cleaned and painted tubular engine mount. Replaced muffler with new. Removed, cleaned, repaired, painted, resealed and reinstalled engine baffling. Removed, cleaned, repaired, painted and reinstalled engine induction airbox. Replaced engine induction air filter with new (Brackett p/n: BA6205). Replaced engine hose assemblies with new. Replaced engine oil quickdrain with new. Cleaned engine compartment and firewall. Ground operation and leak checks were performed and no leaks noted. 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 Shop Order No. 20746, Dated: 16-Sep-2013.

SIGNED: [REDACTED]
Inspector for FAA CRS PP4R448M

Triad Aviation, Inc. 3439 South Aviation Drive, Burlington, NC 27215
336-227-1467

Textron Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.

TLRED-489
(Rev. 10-96)

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All applicable Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: IO-360-A3B6D
Serial #: RL-27954-51A
Total Time: 0.0
Work Order #: MPS124419
Date Completed: 9-14-98

Authorized Signature: [Redacted]
Textron Lycoming
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

CRANK SN.

#3 + #5

V5379 23513
Serial Crank
shaft

Address

Pl
Mo
Ma
Ma
Str
Su
Hul
ade Se

#6

Hartzell Propeller

Manual No. 115 N

~~3A DY 3798A~~**RIGHT ENGINE**Hub Model HC-C3YR-IRF/F7282Blade Design F7282

Diameter _____

Hub Ser. No. DY3798A

Blade Ser. Nos. _____

No. 1 H99476No. 2 H99478No. 3 H95627

No. 4 _____

PITCH RANGE

High _____ Low _____

Feather _____ Reverse _____

Governor Model _____