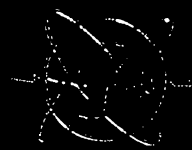


N523MW OVERHAUL JULY/2023



*The Standard*

PROPELLER LOG

ADP-CP-14

☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Year: _____	T ii	JORDAN PROPELLER SERVICE, INC. 103 East Rhapsody San Antonio, Texas 78216 Certificated Repair Station No EK2R797K
Date: _____		
Next Inspection Due: _____	T C	PROPELLER S/N <u>DY5547B</u> HAS BEEN <u>OVERHAULED</u> REFERENCE <u>Hartzell Manuals 113B Rev. 52, 133C Rev. 44 &amp; 159 Rev. 84.</u> <u>Shotpeened Blade Knobs Per Manual 133C Rev. 44 and Overhauled Propeller. Blade Dwg. No. F7282 Serial No.'s J77911, J77909, J77910 C/W Service Bulletins 61-118F R1, 61-136R1, 61-296R1, 61-374R1 and Service Letters 61-177, 61-212R2, 61-217, 61-267, 61-278, 61-293R1, 61-348, 61-354 &amp; 61-366 (Lubricated With NYCO GN3058 Grease).</u>
Year: _____	T ii	
Date: _____		
Next Inspection Due: _____	T C	PERTINENT DETAILS ON FILE UNDER WORK ORDER <u>24049</u> SIGNED <u>Gary C. Jordan</u> DATE <u>03/Jul/2023</u> MECHANIC MAKING INSTALLATION ON A/C MUST C/W FAR 43.9
Year: _____	T i	
Date: _____		
Next Inspection Due: _____		
Time Since Overhaul		
Mech. Cert. # or Repair Station # _____		

DATE: Mar/18/2024

KUSA AVIATION, LLC  
4700 Hangar Dr.  
Beaumont Texas 77705

409-727-7900-O  
409-727-7901-F



☒ Propellor

Reg. # N523MW	Model: HC-C3YR-1RF	S/N: DY5547B	TACH:3095.2	TSN: 1145.5 TSO: 00.0
------------------	-----------------------	-----------------	-------------	--------------------------

1. R & R This Propeller from N523MW s/n: 670013 for overhaul by JORDAN PROPELLER SERVICE CRS# EK2R797K Work order# 24049 dated 03/Jul/2023.
2. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions & approved for return to service for work performed at this time.

Signature: \_\_\_\_\_

David Scherer A&P3798450

wo: WO\_1331

Propeller - page 1 of 1

Feathered Edge Aviation, LLC. 18000 GROSCHKE RD. HANGER 3E HOUSTON, TX 77084 713-724-5002

N523MW TACH: 3153.36	Hartzell, HC-C3YR-1RF, S/N: DY5547B PTSO: 58.16	February 28, 2025
-------------------------	--	-------------------

1. Remove spinner, inspect propeller for security and condition, re install spinner.
2. Perform AD Research.

I certify that this Propeller has been inspected IAW an Annual Inspection, per 14 CFR 43 APPENDIX D and was determined to be in an airworthy condition. Details of work performed are on file with Feathered Edge Aviation, LLC. under work order: WO\_1331.

James Placette IA 3397518

The Standard Propeller Log  
SP-L

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## Propeller Record General Information

Propeller Manufacturer Hartzell

Model HC-C3YR-1RF

Hub Series # DY5547B

Type

Blade # J77911

Date of Manufacture

J77909

J77910

Make/Model

Aircraft Installed On:

MOONEY M20E

Serial #

670013

ght  
1  
A  
N523MW

HARTZELL

# PROPELLER LOGBOOK

PROPELLER MODEL HC-C3YR-1RF/F7282

PROPELLER S/N DY5547B

LOGBOOK # 1

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
5-18-21			TACH 2899 SPO 960.9 INSPECTED GREASED PROP I CERTIFY THAT THIS PROP HAS BEEN INSPECTED IN ACCORDANCE WITH AW ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION Zach T. Mc... AIP 30164871A



*VAAYU Aero Maintenance*  
West Houston Airport  
18000 Groeschke Rd.  
Houston, TX 77084



DATE: 06/28/2022    N523MW    TACH: 2976.77    SMOH: 1038.67

**PROPELLER ANNUAL INSPECTION**

**WORK PERFORMED:**

- REMOVED SPINNER AND INSPECTED PROPELLER, BLADE TRACK, HUB, AND ACCESSORIES.
- Researched AD's BIWEEKLY 2022-11(Summary Provided)

I certify that this PROPELLER has been inspected in accordance with an Annual Inspection, PER 14 CFR 43 APPENDIX D and was determined to be in an airworthy condition.  
Details on file at VAAYU Aero Maintenance under WO# 31313  
FAA Certified Repair Station

No. GK2R118E signed

*James E. D... [Signature]*


wo: NMA\_WO-272

**N523MW**

Tach: 2772.0

1. Performance  
been ins

With respect to  
formed are on

Fernando Nune

[illegible]

**CARSON AVIATION SERVICES**

2640 East College Pkwy

Carson City, NV 89702

775-841-0400

**PROPELLER**

DATE: 12/14/16 REG: N523MW MAKE: HARTZELL MODEL: HC-C3YR-1RF/F7282  
SN: DY5547B TACH: 2636.2

Performed a 100 hour inspection IAW Carson Aviation Services Annual/100-Hour checklist which meets FAR 43 appendix D.

*[Signature]*

Troy Creeks A&P3674511IA

I certify that this Propeller was inspected IAW a 100 hour Inspection and was found to be in an airworthy condition.

*[Signature]*

Troy Creeks A&P3674511IA

all operations pertaining to Airworthiness Directives, Repairs, Overhaul, Major or Minor Repair, and Inspections.

688.1 hrs SPOT



New Mexico Aero Service LLC • (505)307-3918

**January 18, 2018**

**N523MW HC-C3YR-1RF**

Tach: 2699.0

**S/N DY5547B**

1. Performed Annual inspection per Title 14CFR chapter 43, appendix D. I certify that this propeller has been inspected IAW annual inspection and was determined to be in an airworthy condition.

I certify this propeller has been inspected IAW an annual inspection and was determined to be in an Airworthy condition. Details of work performed are on file with New Mexico Aero Service LLC. under work order: NMA\_WO-148.

Fernando Nunez IA/AP 2749192

*[Signature]*

Propeller

wo: NMA\_WO-148







Page 2

D

PROP MODEL:  
HC-C3YR-1RF  
PROP S/N: DY5547B  
REG. NO. N523MW  
WORK ORDER:  
850-07-2007



# **Don Maxwell Aviation Services, Inc.**

390 Central Road - East Texas Regional Airport  
Longview, Tx 75603  
Phone: 903-643-9902

DATE: 7/18/2007  
A/C TSN: 2227 21  
PROP TT: 277 72  
TSPOH: 277 72  
TACH: 2227 21

Directives,  
d Inspections.

## **Prop Entries**

(4) Check prop for nicks and abrasion. Remove spinner, check for cracks. Check hub & blades for leakage & security. Reinstall spinner.

I certify this prop has been inspected in accordance with a 100 hr. inspection and found in an airworthy condition. Don Maxwell A&P1784050

DATE: 7/18/2007

SIGNED: *Don Maxwell*

Work Order: 850-07-2007

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PROP MODEL:  
HC-C3YR-1RF  
PROP S/N: DY5547B  
REG. NO. N523MW  
WORK ORDER:  
1021-07-2008

# **Don Maxwell Aviation Services, Inc.**

390 Central Road  
Longview, Tx 75603  
Phone: 903-643-9902

DATE: 7/17/2008  
A/C TSN: 2252 68  
PROP TT: 303 19  
TSPOH: 303 19  
TACH: 2252 68

## **Prop Entries**

(4) Check prop for nicks and abrasion. Remove spinner, check for cracks. Lubed hub. Checked hub & blades for leakage & security. Reinstalled spinner.... (11) AD2002-09-08 not applicable, three blade installed.... (13) AD2006-18-15 Prop Hub Failure not applicable, three blade prop installed.... (14) AD2007-26-09 To Prevent failure of the prop blade from fatigue in the blade shank radius not applicable this prop

I certify this prop has been inspected in accordance with a 100 hr. inspection and found in an airworthy condition. Don Maxwell A&P1784050

DATE: 7/17/2008

SIGNED: *Don Maxwell*

Work Order: 1021-07-2008

Printed by EBis 3 (datcomedia.com)

## **AUGUST 01, 2009 Propeller Time S.M.O.H 428.71 Hours (TACH: 2378.20)**

Checked propeller blades for condition. Greased Hub with Aeroshell # 6 multi-purpose grease.

*Donald E. Poucher*  
Donald E. Poucher  
311368811 A&P

DATE 8/1/09 TIME IN SERVICE 428.71 S.M.O.H  
I CERTIFY THAT THIS PROPELLER  
HAS BEEN INSPECTED IN ACCORDANCE  
WITH AN ANNUAL  
INSPECTION AND DETERMINED TO BE  
IN AIRWORTHY CONDITION THIS DATE  
SIGNATURE *Donald E. Poucher*  
CERTIFICATE NO. 311368811 IA

## **SEPTEMBER 17, 2010 Propeller Time S.M.O.H 519.80 Hours (TACH: 2469.29)**

Checked propeller blades for condition. Greased Hub with Aeroshell # 6 multi-purpose grease.

*Donald E. Poucher*  
Donald E. Poucher  
311368811 A&P

DATE 9/17/10 TIME IN SERVICE 519.8 S.M.O.H  
I CERTIFY THAT THIS PROPELLER  
HAS BEEN INSPECTED IN ACCORDANCE  
WITH AN ANNUAL  
INSPECTION AND DETERMINED TO BE  
IN AIRWORTHY CONDITION THIS DATE  
SIGNATURE *Donald E. Poucher*  
CERTIFICATE NO. 311368811 IA



Dennis Pittsenbarger, Repairman # 2424395  
Repair Station # SJ3R843L

PROP MODEL: HC-C3YR-1RF PROP S/N: DY5547B REG. NO: N523MW WORK ORDER: 640-06-2006	<b>Don Maxwell Aviation Services, Inc.</b> 390 Central Road - East Texas Regional Airport Longview, Texas 75603 Phone: 903-643-9902	DATE: 6/14/2006 AVC TSN: 2178 PROP TT: 228.51 TSPOH: 228.51 TACH: 2178
<b>Prop Entries</b>		
(4) Check prop for nicks and abrasion. Remove spinner, check for cracks. Check hub & blades for leakage & security. Reinstall spinner.		
I certify this prop has been inspected in accordance with a 100 hr. inspection and found in an airworthy condition. Don Maxwell A&P1784050		
DATE: 6/14/2006	SIGNED: 	Work Order: 640-06-2006
Printed by EBIS 3 (datcomedia.com)		

[illegible]

## PROPELLER MAINTENANCE RECORD

Position \_\_\_\_\_

Propeller Model \_\_\_\_\_

Propeller S/N \_\_\_\_\_

Blade Design \_\_\_\_\_

Blade S/N's

No. 1 \_\_\_\_\_

No. 2 \_\_\_\_\_

No. 3 \_\_\_\_\_

No. 4 \_\_\_\_\_

No. 5 \_\_\_\_\_

No. 6 \_\_\_\_\_

Spinner Assembly Part No. \_\_\_\_\_

PITCH RANGE

High/Feather \_\_\_\_\_

Start Lock \_\_\_\_\_

Low \_\_\_\_\_

Reverse \_\_\_\_\_

Aircraft Manufacturer Mooney

Aircraft Model M 20 E

S/N 670013

Registration N 3220 F