

N523MW OVERHAUL JULY/2023



The Standard

PHOTOGRAPH BY LOGO

LOGO

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Year: _____
Date: _____

Next Inspection
Due: _____

Year: _____
Date: _____

Next Inspection
Due: _____

Year: _____
Date: _____

Next Inspection
Due: _____

JORDAN PROPELLER SERVICE, INC.
103 East Rhapsody San Antonio, Texas 78216
Certificated Repair Station No EK2R797K

PROPELLER S/N DY5547B HAS BEEN OVERHAULED
REFERENCE Hartzell Manuals 113B Rev. 52, 133C Rev. 44 & 159 Rev. 84.

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 & 61-365 (Lubricated With NYCO GN3058
Grease).

PERTINENT DETAILS ON FILE UNDER WORK ORDER 24049

SIGNED Bryan C Jordan DATE 03/Jul/2023
MECHANIC MAKING INSTALLATION ON A/C MUST C/W FAR 43.9

Mech. Cert. # or Repair Station # _____

DATE: Mar/18/2024

Propellor

KUSA AVIATION, LLC
4700 Hangar Dr.
Beaumont Texas 77705

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



Req. #	Model:	S/N:	TACH:	TSN:
<u>N523MW</u>	<u>HC-C3YR-1RF</u>	<u>DY5547B</u>	<u>3095.2</u>	<u>1145.5</u>
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 Hartzell, HC-C3YR-1RF, S/N: **DY5547B** February 28, 2025
TACH: 3153.36 PTSO: 58.16

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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ASA-SP-L

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9 7 8 1 5 6 0 2 7 4 1 8 6

Propeller Record General Information

Propeller Manufacturer Hartzell

Model HC-C3YR-IRF

Hub Series # DY5547B

Type _____

Blade # J77911

J77909

J77910

Date of Manufacture _____

Make/Model

Aircraft Installed On:

MOONEY M20E

Serial #

670013

N523MW

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-C3YR-1RF/F7282

PROPELLER S/N DY5547B

LOGBOOK # 1



Cessna

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 VAYAU Aero Maintenance under WO# 31313
FAA Certified Repair Station

No. GK2R118E signed

1. *James E. Black*

Date	Propeller TSN	A/C TSO Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
			<p>wo: NMA_WO-272</p> <div style="text-align: center;">  <p>Propeller - page 1 of 1</p> <p>N523MW</p> <p>Tach: 2772.0</p> <p>February 1, 2019</p> <p>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.</p> <p>With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with New Mexico Aero Service LLC. under work order: NMA_WO-272.</p> <p>Fernando Nunez IA/AP 2749192</p> <p><i>JLerry</i></p> </div>

wo: NMA_WO-437		Propeller - page 1 of 1
 New Mexico Aero Service LLC <small>Licensed - Insured</small>		
New Mexico Aero Service LLC. - (505)307-3918		
N523MW Tach: 2855.0	Hartzell , HC-C3YR-1RF, S/N: DY5547B PTT: 916.9	April 8, 2020
<ol style="list-style-type: none"> 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. 2. Serviced propeller with AeroShell 5 grease per service manual. 3. Dressed and painted propeller as necessary. 4. AD94-17-13 Hartzell propeller grease fittings cracks Docket No. 94-ANE-19; Amendment 39-9008 - N/A per the relocated grease fitting holes near the hub parting line as shown in Figure 1, page 9, of Hartzell Propeller, Inc., Service Bulletin (SB) No. 165E, dated January 21, 1994 is exempt from this AD. 		
<p>With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with New Mexico Aero Service LLC. under work order: NMA_WO-437.</p> <p><i>7d 6 W</i></p> <p>Fernando Nunez IA/AP 2749192</p>		

CARSON AVIATION SERVICES

2640 East College Pkwy

Carson City, NV 89702

775-841-0400

PROPELLERDATE: 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.



Troy Creeks A&P3674511IA

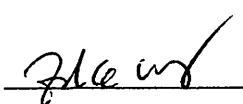
All operations pertaining to Airworthiness Directives, Repairs, Overhaul, Major or Minor Repair, and Inspections.

688.1 hrs SPOT

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



Troy Creeks A&P3674511IA

 New Mexico Aero Service LLC • (505)307-3918			
January 18, 2018	N523MW	HC-C3YR-1RF	
Tach: 2699.0		S/N DV5547B	
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			
			
Propeller		wo: NMA_WO-148	

11/10	2014	TACH 2618.21 T 50 670-14.
		100 HR INSPECTION - CHECKED HUB AND BLADES, LUBED
		I CERTIFY THAT THIS <u>PROPELLER</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND IS DETERMINED TO BE AIR WORTHY
11 10		R.Tremain IA1439857
11/10	2015	TACH 2627 I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED WITH A ANNUAL/100HR INSPECTION AND IS APPROVED FOR RETURN TO SERVICE & CR FOR CALCS LUBE EIT
		R.Tremain IA1439857
		8.8 hrs
		TTSOH 678.9

DATE	10/1/11	TIME IN SERVICE	36h 82s, M.O.H
CERTIFY THAT THIS <u>PROPELLER</u>			
HAS BEEN INSPECTED IN ACCORDANCE			
WITH AN	<u>annual</u>	INSPECTION AND DETERMINED TO BE	
IN AIRWORTHY CONDITION THIS DATE			
SIGNATURE	<u>Donald E. Pusack</u>		
CERTIFICATE NO.	<u>311368511 IA</u>		

Donald E. Poucher
311368811 A&P

**Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123**

Hartzell Propeller
N523MW
11-12-12

San Diego, CA 92108
HC-C3YR-1RF
Mooney M20E
Tach: 2562.34 Hrs

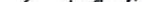
S/N: DY5547B
S/N: 670013
ACTT: 2562.34 Hrs
TSO: 612.85 Hrs

Maintenance Performed:

- Complied with **Annual Inspection** using Crownair Aviation Annual / 100 Hour Inspection Checklist, Form CA 105.
- Dressed and painted propeller as required.
- Lubed propeller hub with Aeroshell #6 grease.

I certify that this **propeller** has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-12-05937.


J. W. O'Neill
Authorized Representative

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

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) AD2007-28-09 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

PROP MODEL:
HC-C3YR-1RF
PROP S/N: DY5547B
REG. NO: N523MW
WORK ORDER:
640-06-2006

Don Maxwell Aviation Services, Inc.
390 Central Road - East Texas Regional Airport
Longview, Texas 75603
Phone: 903-643-9902

DATE: 6/14/2006
A/C TSN: 2178
PROP TT: 228.51
TSPOH: 228.51
TACH: 2178

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

SIGNER:

Work Order: 640-06-2006

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
2002 09-07-02		1949.47		Installed on Mooney M20E N3220F, Tested OK Robert A. Norman AF P298664021

PROPELLER MAINTENANCE RECORD

Position _____

PITCH RANGE

Propeller Model _____

High/Feather _____

Propeller S/N _____

Start Lock _____

Blade Design _____

Low _____

Blade S/N's

Reverse _____

No. 1 _____

Aircraft Manufacturer Mooney

No. 2 _____

Aircraft Model M 20 E

No. 3 _____

S/N 470013

No. 4 _____

Registration N 3220 F

No. 5 _____

No. 6 _____

Spinner Assembly Part No. _____