AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG



PROPELLER LOG

1.	M	ake	MT-Propeller Entwicklung GmbH
2.	М	odel	MTV-6-R-C-F/CF194-80
3.	Sp	ecification Number	PIGNE
4.	2	te of Manufacture	July 2018
5.	0.000	b Serial Number	08F081
6.		ndes	
0.	(a)	Design No.	
	(b)		
	(0)	(1)	AJE-70773
			AJE-70774
		(2)	
		(3)	AJE-70775
		(4)	*
		(5)	
	(c)	Pitch Settings	
		(1) Basic	
		(2) High	
		(3) Low	14°
		(4) Reverse Feather	80°

Section 4A: Propeller Service and Maintenance Record

BROUGHT FORWARD Diarron A'RCRA Registration NS20R Airframe Total Time 32.4 Prop RH SN 18078 Propeller MTV-6-F Aircraft DA 62 S/N Total Time Prop b Prop and documer incorporated, none All applicable Air complied with. AWD Bi-weekly c Next overhaul due first Next inspection du The Maintenance Described ACA ACA ACA ACA ACA ACA ACA A	C-F/CF 19 62.095, Reputation insperiound worthiness hecked this at 2400 hrs e: 100 hr in has been per Airworth	DIAMOND AIR D.O.T. APPRO ORGANIZATIO AC Serial Number: Work Order: Prop RH TT: 94-80, S/N: 18 RIGHT vard: 32.4 hrs Dected for Major is Directives, 3 Iru 2018-20 Irs OR August, Inspection Deformed IAW the	62 095 SO 071 32 4 60780, in: or Mod's Service	stalled on and/or STC's Bulletins ichever occurs
Registration NS20R Arframe Total Time S2.4 Prop RH SN 18076 Propeller MTV-6-F Aircraft DA 62 S/N Total Time Prop bi Prop and document incorporated, none incorporated, none incorporated with. All applicable Air complied with. AWD Bi-weekly concentrated incorporated with. Next overhaul due first Next inspection due first Next inspection due first	A C-F/CF 19 62.095, Repught forward in the count of the c	D.O.T. APPROORGANIZATION AC Serial Number: Work Order: Prop RH TT: 94-80, S/N: 18 RIGHT vard: 32.4 hrs bected for Major is Directives, Tru 2018-20 rs OR August, Inspection erformed IAW the	62 095 SO 071 32 4 60780, in: or Mod's Service	Stalled on and/or STC's Bulletins ichever occurs 1 2018
Registration Airfrume Total Time. 32.4 Prop RH SN 180781 Prop and document incorporated, none incorporated, none incorporated with. All applicable Air complied with. Next overhaul due first Next inspection due first Next inspection due first Next inspection due first	A C-F/CF 19 62.095, Repught forward in the count of the c	D.O.T. APPROORGANIZATION AC Serial Number: Work Order: Prop RH TT: 94-80, S/N: 18 RIGHT vard: 32.4 hrs bected for Major is Directives, Tru 2018-20 rs OR August, Inspection erformed IAW the	62 095 SO 071 32 4 60780, in: or Mod's Service	stailed on and/or STC's Bulletins ichever occurs in Standard of
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Aircraft DA 62 S/N Total Time Prop bi Prop and documer incorporated, none All applicable Air complied with. AWD Bi-weekly c Next overhaul due first Next inspection du The Maintenance Described ACA ACA ACA ACA ACA ACA ACA A	tation inspectors found worthiness hecked threat 2400 hrs has been per Airworth	RIGHT vard: 32.4 hrs bected for Major is Directives, 3 ru 2018-20 rs OR August, inspection erformed IAW the	Service 2024 wh	and/or STC's Bulletins ichever occurs le Standard of
Prop and documer incorporated, none All applicable Air complied with. AWD Bi-weekly concentrated with the Next overhaul duer first. Next inspection duer first. Next inspection duer first.	hecked three at 2400 hr in has been pe Airworth	s Directives, and 2018-20 rs OR August, inspection erformed IAW the thiness	Service 2024 wh	Bulletins ichever occurs le Standard of
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_	- N	ABSOLI MAINTENA 21889 Skywest	NCE	A E R O Byward, CA 94541 · 510 782-6591 PROPELLER ENTRY
				TACH: 103.0 TSOH: N/A TTP: 103.0 EF194-80 S/N: 180780 DATE: 12/12/2019
				ne. Verified AD's current through FAA AD biweekly 2019-25. All work 62 Maintenance Manual. –END
I certify that this has been determ	propeller ned to be	r has been in e in an airw	nspecte orthy c	ed in accordance with FAR 43 Appendix D (100 Hour Inspection) and ondition.
Brandon Thomps	on A&P	/ IA 3212566	-	
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		1	+	
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NAME/ SIGNATURE AMEOR AMO/ACA



ABSOLUTE AERO

MAINTENANCE

21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

PROPELLER ENTRY

WORK ORDER: 2984 AIRCRAFT: N520RA TACH: 163.5 TSOH: N/A TTP: 163.5

R/H PROPELLER MODEL: MT MTV-6-R-C-F/CF194-80 S/N: 180780

DATE: 12/15/2020

Filled and painted chips on #2 blade. Inspected propeller. No defects noted at this time. Verified AD's current through FAA AD biweekly 2020-25. All work completed in accordance with the Diamond DA 62 Maintenance Manual. –END

I certify that this propeller has been inspected in accordance with FAR 43 Appendix D (100 Hour Inspection) and has been determined to be in an airworthy condition.

Brandon Thompson A&P / IA 3212565

Propeller R - page 1 of 1



Diamond

Take Flight Aviation LLC - 49 Hangar Road - Montgomery, NY 12549 - 8454574188

N520RA

wc: WO_794

TACH: 271.5

MT Propeller, S/N: P19NE

May 03, 2021

- Performed Annual inspection I/A/W AC43.13 Appendix D using Diamond DA62 AMM and MT Propeller Maintenance Manuals as references.
- Inspected propeller blades, hub, attachment bolts, propeller governor and unfeathering accumulators. No defects noted.
- 3. All routine service items performed.
- 4. Verified AD compliance through this date.

With respect to the work performed, this propeller r is approved for return to service. Details of work performed are on file with Take Flight Aviation LLC under work order: WO_794.

James T. Markey IA AP3166872IA

Propeller R - page 1 of 1



Diamond

Take Flight Aviation LLC - 49 Hangar Road - Montgomery, NY 12549 - 8454574188

N520RA Hobbs: 229.3

WC: WO_911

TACH: 374.4

MT Propeller, S/N: P19NE

August 16, 2021

- Performed Annual inspection I/A/W 14 CFR part 43 Appendix D using Diamond DA62 checklist, Aircraft Maintenance Manual and MT Propeller Maintenance Manuals as references.
- Inspected propeller blades, hub, attachment bolts, propeller governor and unfeathering accumulators. No defects noted.
- 3. All routine service items performed.
- Verified AD compliance through this date.

certify this Propeller was inspected in accordance with an Annual Inspection, this propeller is determined Airworthy and is approved for return to service. Details of work performed are on file with Take Flight Aviation LLC under work order: WO_911.

James T. Markey IA AP3166872IA

march

Section 4A: Propeller Service and Maintenance Record

Registration #: N520RA Manufacturer: MT Propeller Serial No: 180780

Part/Model No: MTV-6-R-C-F/CF194-80

Work Order No: 534



TACH: 516.60

HOBBS: 439.20

A/C Total Time: 516.60 Prop TSN: 516.60

Date: 09/07/2022

 100Hr and Annual Inspection. Removed spinner, checked for security and leaks. Reinstalled spinner. Checked all ADs for compliance. I certify that this propeller has been inspected IAW a 100Hr and Annual Inspection per FAR 43. App. D and MT Propeller Operation Manual and was determined to be in an airworthy condition.

- Touched up paint chips on prop blades.
- Touched up de-ice black coating.

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH BLUE LINE TECHNICAL SERVICES LLC AND CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED WITH RESPECT TO WORK PERFORMED AT THIS TIME IN RETURN TO SERVICE

Work Order: 534 Signature AP Number: 3352//8IA

Registration #: N520RA Manufacturer: MT Propeller Serial No: RIGHT 180780 Part/Model No: MTV-6-R-C-F/CF194-80

Work Order No: 1843

TOTAL

SINCE NEW

BLUE LINE TECHNICAL SERVICES

TACH: 646.40 HOBBS: 603.60 A/C Total Time: 646.40 Prop TSN: 646.40

Date: 10/07/2023

 Annual inspection. Removed spinner, checked for security and leaks. Reinstalled spinner. Checked all ADs for compliance. I certify that this propeller has been inspected IAW a Annual inspection per FAR 43 App. D and MT Propeller Operation Manual and was determined to be in an airworthy condition.

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH BLUE LINE TECHNICAL SERVICES LLC AND CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED WITH RESPECT TO WORK PERFORMED AT THIS TIME IN RETURN TO SERVICE.

Pertinent details of maintenance are held in this Maintenance Facility under Work Order No 1843 dated .

Date: 10/07/7	2023 Signature:	Railel Wian	edt Work	Order: 1843	
_		Paulul Waran AP Number: ++ F	3885190 14	9. 6.	
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TOTAL					
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Take Flight Aviation LLC · 49 Hangar Road · Montgomery, NY 12549 · 8454574188

N520R	Δ
152011	TOT A
L. hhs	765.4

M&T, MTV-6-R-C-F, S/N: 180780 Tach: 764.7

J SMOH.O.

October

- 1. Performed Annual inspection I/A/W 14 CFR part 43 Appendix D using Diamond DA62 AMM and MT Propeller Ma Manuals as references.
- 2. Inspected propeller blades, hub, attachment bolts, propeller governor and unfeathering accumulators. No defects not
- 3. All routine service items performed.
- 4. Checked applicable AD's bi-weekly thru this date.
- 5. Removed RH propeller and sent to M&T propellers for overhaul. Received and re-installed overhauled propeller as Details of work completed can be found on M&T propeller WO# 24-481MT Installed P/N MTV-6-R-C-F - MTV-6-R 180780.

certify that this propeller (R/H) has been inspected in accordance with an Annual Inspection, and that this propeller

determined airworthy and is approve	d for return to service.			
James T. Markey IA 3166872	-Thurky			
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	Approving Civil Aviation Authority/Country: FAA/United States		ORIZED REL			3 FormTracking Number
4 Organ	1180	ropeller USA, Inc Airport Terminal nd, FL 32724	c. FAA Approved Re	epair Station Q4MR90	1953	5. Work Order/ Contract/Invoice Number.  24-482MT
6 Item	7. Description	8.	Part Number	9. Quantity:	10. Serial Number:	11. Status/Work
1	Aircraft Prop	peller	MTV-6-R-C-F/CF194	-80 1	180780	Overhauled
Year TSN: TCDS	S/N: 1) AJE-70773 of Manufacture: 201 Not Provided S: P19NE	3 2) AJE-70774 : 8 TSO: 0.0 hrs.				
Year TSN: TCDS	of Manufacture: 201 Not Provided	8 TSO: 0.0 hrs. above were manufact d are in a condition specified in Block	aured in conformity to:	14a.  At 14 CFR 43.9 Return Other regulations Certifies that unless oth described in Block 12 w	rn to Service specified in Block 12 nerwise specified in Bloc vas accomplished in acc	ck 12, the work identified in Block 11 ar cordance with Title 14, Code of Federa k, the items are approved for return to
Year TSN: TCDS 13a. Ce	of Manufacture: 201 Not Provided S: P19NE ertifies the items identified and proved design data and on-Approved design data	8 TSO: 0.0 hrs. above were manufact d are in a condition a specified in Block	aured in conformity to:	14a.  At 14 CFR 43.9 Return Other regulations Certifies that unless oth described in Block 12 w Regulations, part 43 an service.	ern to Service specified in Block 12 nerwise specified in Block vas accomplished in accord in respect to that work	cordance with Title 14, Code of Federa k, the items are approved for return to

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown