



N109RE
N 1830A
Left Right

Jose
AMERICAN PROPPELLER SERVICE

20208 Charlanne Drive
Redding, California 96002, U.S.A.
PHONE NUMBER (530) 221-4470 / (800) 292-PROP (7767)
FAA REPAIR STATION # NO3R717L
E-mail: amprop@americanpropeller.com

PROPELLER LOGBOOK

DYNAMIC BALANCING

A *Dynamic Balance* consists of balancing the engine, propeller and spinner combination by electronic means. This procedure takes place while the propeller is on the particular aircraft being *Dynamically Balanced*. A *Dynamic Balance* job performed by American Propeller Service is highly recommended by World Renowned Flying Ace, Bob Hoover. Bob commented, "I cannot recall having flown a Commander so smooth."

Bob Hoover

Your aircraft can fly as smooth as Bob Hoover's Commander by having it *Dynamically Balanced* by American Propeller Service. By *Dynamically Balancing*, we can make your aircraft run as smooth as our propellers!

Less harmonics means longer life of airframes, engines and other components.

PROPELLER MAINTENANCE RECORD

Propeller Manufacturer: HOFFMANN

Left Engine Right Engine Front Engine Rear Engine

Hub Model No. 40-V 352 F

Hub Serial No. 4663

Blade Model No. 170 FG

Blade Serial No. 1 16436A

No. 2 16438E

No. 3 _____

No. 4 _____

No. 5 _____

PITCH RANGE

Low _____ High _____ Feather _____ Reverse _____

Pitch _____

Governor Manufacturer: _____

Governor Model No. _____

Governor Serial No. _____

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS


11/08/00 FACTORY NEW PROPELLOR SALE

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
11/14/01	252.7	INSTALLED PROPELLOR NEW ON N1830A	<i>[Signature]</i>
	ITSN 0.0	DIAMOND DA20A1 S/N NO. 10183	FACES LIME 829M
3/12/02	354.5	COMPLETED 100HR INSPECTION	<i>[Signature]</i>
	ITSN 101.8		FACES LIME 829M
9/14/02	ITSN 176.4 HRS TACH 423.1	COMPLETED 100HR INSPECTION	<i>[Signature]</i>
11/02/2003	ITSN 316.8 TACH 629.5	COMPLETED 100 HR ANNUAL INSPECTION	<i>[Signature]</i>
		NO A.D.'S / 2003-21 FOUND TO BE AIRWORTHY.	FACES LIME 829M
6-19-04	TACH 723.7	Performed 100hr Inspection	<i>[Signature]</i> AQP
8-16-04	TACH 847.9	Performed 100hr Inspection	<i>[Signature]</i> AQP
5-11-05		100HR Insp C/w <i>[Signature]</i> 271829 AAPS 20904723	

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
6-20-06	2134.6	Replaced S/N H663A rework on N1830A w/ O/A this date.	<i>[Signature]</i>
			<i>[Signature]</i> Gilbe Sauerlander FAA UT329316

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
07-06		 <p>AMERICAN PROPELLER SERVICE REPAIR STATION NO. N03R717L 20208 CHARLAXNE DRIVE REDDING, CA 96002</p> <p>WORK ACCOMPLISHED <u>COMPLETE OVERHAUL</u> MODEL NO. <u>HO-V352F</u> SERIAL NO. <u>H-663</u></p> <p>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 ARE ON FILE AT THIS AGENCY UNDER</p> <p>WORK ORDER # <u>6146-06-2006</u></p> <p>INVOICE # <u>6146-06-2006</u> DATED: <u>07-10-06</u></p> <p>SIGNED <u>Todd M. J.</u> TODD MARINKOVICH (AUTHORIZED INDIVIDUAL)</p>	

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		<p>A/C Model Diamond DA20-41 S/N 10183 REG. NO. N183DA PROP MFG. HOFFMAN PROP MOD: HO-V352F PROP. S/N: <u>H-663</u></p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>Gibbs Service Center Montgomery Field, San Diego, CA 92123 FAA Approved Repair Station # VT3R931L</p> </div> <p>T.E.T. — SMOH \emptyset</p> <p>The aircraft and / or component identified above was repaired / replaced and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Details of the repair / replacement are on file at this agency under Work Order number 19161</p> <p>Date 08/04/06 Signature <u>Jeff Runyon</u></p> <p>Reinstalled propeller after overhaul. Propeller total time since overhaul 0.0 hours. Propeller Model HO-V352F S/N H-663. See Airframe logbook for Annual Inspection done this date. AD's checked through 2006-15.</p>	<p>Date 08/04/06 W.O. # 19161 Tach 49.3 Hobbs AirFrame 2136</p>

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
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A/C Model Diamond DA-20-A1
S/N 10183
REG. NO. N183DA
Prop Mfg. Hoffman
Prop Mod. H0-V352F
Prop S/N H-663

Gibbs Service Center
Montgomery Field, San Diego, CA 92123
FAA Approved Repair Station # VT3R931L

Date 10/01/07
W.O. # 13221
Tach 139.8
Hobbs
AirFrame

T.E.T. SMOH 90.0

The aircraft and/or component identified above was repaired / replaced and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Details of the repair / replacement are on file at this agency under Work Order number 13221.

Date 10-1-07 Signature *[Signature]* Jeff Kuryon INSP

Annual inspection completed this date. Removed and replaced propeller to replaced alternator belt. Torqued, safetied attach bolts. Runup Ok. No leaks. AD's checked through 2007-14.

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A/C Model Diamond DA20-A1
Serial No. 10183
Reg No. N183DA
Prop Mfg. Hoffman
Prop Mod. HO-V352F
Prop S/N H-663

GIBBS SERVICE CENTER
Montgomery Field, San Diego, CA 92123
FAA Approved Repair Station #VT3R931L


Date 14-Nov-08
W.O. # 13587
Tach 175.5
SMOH 129.8
TAT 2046.2

Annual INSPECTION COMPLETED IN ACCORDANCE WITH DA20-A1 AMM
All Ads current through 11-14-2008.


The aircraft and/or component identified above repaired/replaced and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the Repair/Replacement are on file at this agency under Order No. 13587.

Date: 14-Nov-08 Signed: *[Signature]*

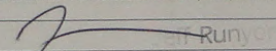

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
ACFT Model:	Diamond DA-20-A1	GIBBS SERVICE CENTER	Date: 1-9-2010
Serial No.:	10183	Montgomery Field, San Diego, CA 92123	W.O. No.: 13972
Reg. No.:	N183DA	FAA Approved Repair Station VT3R931L	TPT: N/A
Prop. Mfg.:	Hoffman	Prop. Model: HO-V352F	Prop. S/N: H-663
SMOH:	148.4	Hobbs: 2304.4	Airframe: 2069.8
Annual inspection completed per DA-20 AMM. AD notes checked and are current 1-9-2010.			
The aircraft and/or component identified above repaired/replaced and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair/replacement are on file at this agency under Order No. 13972.			
Date:	1-9-2010	Signed:	<i>Jeff Runyon</i> 



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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
ACFT Model:	Diamond DA 20-A1	GIBBS SERVICE CENTER	Date: 2-11-2011
Serial No.:	10183	Montgomery Field, San Diego, CA 92123	W.O. No.: 14357
Reg. No.:	N183DA	FAA Approved Repair Station VT3R931L	Tach: 209.8
Prop. Mfg.:	Hoffman	Prop. Model: HO-V352F	Prop. S/N: H-663
SMOH:	159.1	Hobbs: 2317.4	Airframe: 2080.5
Annual inspection completed per the DA 20-A1 AMM. AD notes checked and are current 2-11-2011.			
The aircraft and/or component identified above repaired/replaced and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair/replacement are on file at this agency under Order No. 14357.			
Date:	2-11-2011	Signed:	<i>Jeff Runyon</i> 

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
ACFT Model:	Diamond DA20-A1	GIBBS SERVICE CENTER	Date: 7-13-2012
Serial No.:	10183	Montgomery Field, San Diego, CA 92123	W.O. No. 14890
Reg. No.:	N183DA	FAA Approved Repair Station VT3R931L	TPT: N/A
Prop. Mfg:	Hoffman	Prop. Model: HO-V352F	Prop. S/N: H-663
SMOH:	185.5	Tach: 225.5	Airframe: 2096.2
Annual inspection completed per the DA20-A1 AMM. Replaced spinner O-ring. AD notes checked and are current 7-13-2012.			
The aircraft and/or component identified above repaired/replaced and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair/replacement are on file at this agency under Order No. 14890.			
Date:	7-13-2012	Signed:	 Ryan 

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
10/12/13	240.6	This Prop. Model HO-V352F, Prop. S/N H-663	
SMOH	270.4	has been inspected for an annual inspection per DA20A1 AMM	
A/C T.T.	211.9	and with current Federal Aviation Regulations and was found to be airworthy and returned to service. All ADS are current through 10/13.	
		10/12/13 FEURE G. ESTARZA  ADIA 3607219	
		Aircraft tach time: 243.6	
		Aircraft hours time: 2356.5	
		This Propeller Model HO-V352F S/N H-663 has been inspected for an Annual IAW DA20A1 AMM. All ADS have been researched current through 10/16/2015. I certify this propeller has been inspected/inspected IAW with current FAA Regulations and found to be airworthy in regards to work performed and returned to service.	
		Aircraft T.T. 217.6	
		Prop TSO: 243.6	
		DATE 10/16/2015	
		 ADIA 3607219	

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
2/11/2017	243.6	This Propeller Model HO-V35ZF S/N H-663 has been inspected for an Annual IAW DA20A1 Amm. All AD's are current through 2/11/2017. I certify this Propeller has been inspected/repared IAW current FAA Regulations and found to be Airworthy. In regards to work performed and returned to service.	[Signature]
ACTT	217.6		
PROP TSO	243.6		

Propeller Hoffman Model: HO-V35ZF S/N: H-663 TSO: 251.0 Tach: 251.0 Hobbs: 2366.6 Aircraft Reg. No. N109RE S/N 10183

- 1) Complied with a 100 hour annual inspection IAW Diamond DA20A1 AMM Ch. 05-20-00, Hoffman Operation and Maintenance Manual and FAA Part 43 Appendix D. AD's checked up to 06/01/2019

I certify that this Propeller has been inspected for a 100 hour annual inspection in accordance with the scope and detail of the Diamond Aircraft/ Hoffman Manufacturer's Maintenance and Inspections procedures Manuals, Appendix D to FAA Part 43, and found to be in Airworthy condition in regards to work performed.

[Signature] Esparza A&P IA 3607219 Date 06/06/2019 Aircraft T.T 217.7

LIMITED WARRANTY (Propellers & Governors)
AMERICAN PROPELLER SERVICE
A Division of Ameritech Industries, Inc.

STANDARD RATE OVERHAULS - All propellers and governors that are "Newly Overhauled" by American Propeller Service (APS) will carry a Limited Warranty, to be free of defects in materials replaced and workmanship for ONE THOUSAND (1000) HOURS or 24 MONTHS from the time of overhaul, whichever comes first. Thereafter, the STANDARD RATE OVERHAUL is warranted to the manufacturer's TBO (time before overhaul) on pro-rata bases at 40 hours per month. The sole obligation of APS herein is to repair or replace, at its option, any item(s) found to be defective. Any defective item in question must be returned with transportation charges prepaid to APS. In no event, shall APS be liable for incidental and/or consequential damages including loss of income or profits, loss of time, lost sales or economic loss. This Limited Warranty does not include crankshaft leakage, damage due to object strike, excessive blade wear due to aircraft operation, sludge, or de-icer heater damage. Propeller/governor must have been maintained in accordance with manufacturer's recommendations in order for this warranty to remain valid. This warranty does not include removal and re-installation of the propeller or governor. This warranty is transferable, only if the original Work Order and Serviceable Parts Tag (yellow tag) are transferred with the propeller or governor.

NO EXCEPTIONS.

STANDARD RATE RESEAL - All propellers and governors Resealed or Repaired by American Propeller Service (APS) will carry a 500 HOUR or 12 MONTH Limited Warranty, whichever may occur first. Any Limited Warranty by APS will be limited to actual work performed and shall not assume any warranty of the Original Equipment Manufacturer.

AGRICULTURAL, AEROBATIC & EXPERIMENTAL - All propellers and governors Newly Overhauled, Resealed or Repaired will carry a 500 HOUR or 12 MONTH Limited Warranty, except if the Original Equipment Manufacturer's recommendation is less, that specific recommendation will apply.



AVIATION PROPERTIES

12345 AVIATION BLVD
SUITE 1000
DENVER, CO 80202
TEL: (303) 555-1234
WWW.AVIATIONPROPERTIES.COM

MAINTENANCE & SERVICE HISTORY



AVIATION PROPELLERS, INC.

PROPELLER LOG BOOK ENTRY STICKER

SEPTEMBER 29, 2020 PROPELLER SERIAL NUMBER H863 WAS OVERHAULED IAW HOFFMANN PROPELLER MANUALS E669 AND E640. AD NOTES: N/A. SERVICE BULLETINS: E4-H1 & E36 Q/W. FACTORY NEW PARTS KIT, PISTON, O-RING, BOTH BLADES WERE OVERHAULED BY HOFFMANN PROPELLERS IN GERMANY. ALL MANDATORY REPLACEMENT PARTS WERE REMOVED AND REPLACED WITH FACTORY NEW PARTS. PROPELLER WAS SERVICED WITH AEROSHELL LBS GREASE AND SHIPPED ASSEMBLED WITH BULKHEAD INSTALLED. A COPY OF THE WORK ORDER, ORIGINAL FAA FORM 8130-3 AND PROPELLER LOG BOOK ENTRY STICKER ISSUED. PROPELLER MODEL NUMBER, COMPONENT SERIAL NUMBERS AND TIMES ARE:

MODEL NUMBER: HD-V352F/C170FO
 #1 BLADE SERIAL NUMBER: 16436C
 #2 BLADE SERIAL NUMBER: 16438C
 TTSN: Not Provided
 TTSN: Not Provided
 TSO: N/A
 TSO: N/A
 WORK ACCOMPLISHED BY: AVIATION PROPELLERS, INC., 12970 PORT SAID ROAD, OPA LOCKA, FLORIDA, 33054, REPAIR STATION ME4R359M, UNDER API WORK ORDER NO. 45644A.

Jason H. Gato
 Chief Inspector

Authorized Signatures
 Repairman and Station
 Certificate Numbers

Jetins

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
			REG: N143AA DATE: 10/5/2020 TACH: 68.3 ACTT: 2224.7 SPOH: 0 Installed overhauled propeller on Diamond DA20-A1 s/n 10183 N143AA. Ground ran ops check sat.	
			REG: N143AA DATE: 4/14/2020 TACH: 167.5 ACTT: 2323.9 SPOH: 99.2 Propeller 100hr inspection completed this time and date IAW FAR part 43 APPX D. Checked all applicable AD's through this date. Ground ran ops check sat.	

Ryan Dougherty
 AP3699307

Ryan Dougherty
 AP3699307

MAINTENANCE & SERVICE HISTORY

REG: N143AA DATE: 7/21/2020 TACH: 263.1 ACTT: 2419.5 SPOH: 194.8

Propeller 100hr inspection completed this time and date IAW FAR part 43 APPX D. Checked all applicable AD's through this date. Ground ran ops check sat.

Ryan Dougherty
AP3699307

REG: N143AA DATE: 11/4/2021 TACH: 362.6 ACTT: 2519.0 SPOH: 294.3

Propeller annual inspection completed this time and date IAW FAR part 43 APPX D. Checked all applicable AD's through this date. I certify this propeller has been inspected IAW an annual inspection and is approved for return to service.

Stephen Jackowski
AP3008621A

NOTE: Enter Compliance with All Applicable FAA A.D. & Factory Service Bulletins

MAINTENANCE & SERVICE HISTORY

REG: N143AA DATE: 2/15/2022 TACH: 462.1 ACTT: 2618.5 SPOH: 393.8

Propeller 100hr inspection completed this time and date IAW FAR part 43 APPX D. Checked all applicable AD's through this date. I certify this propeller has been inspected IAW a 100hr inspection and is in an airworthy condition at this time.

Ryan Dougherty
AP3699307

REG: N143AA DATE: 4/9/2022 TACH: 561.8 ACTT: 2718.2 SPOH: 493.5

Propeller 100hr inspection completed this time and date IAW FAR part 43 APPX D. Checked all applicable AD's through this date. I certify this propeller has been inspected IAW a 100hr inspection and is in an airworthy condition at this time.

Ryan Dougherty
AP3699307

NOTE: Enter Compliance with All Applicable FAA A.D. & Factory Service Bulletins

