

N65GS PIPER PA 31P-350 SN 31P-8414016

LEFT PROPELLER LOG

HARTZELL

HC-13YR-2UF

SN FS-193A

LYCOMING

A Textron Company

652 Oliver Street
Williamsport, PA 17701 U.S.A.
570/323-6181

PROP ~~ENGINE~~ LOG
AND MAINTENANCE RECORD

RECORD OF LYCOMING HARTZELL HC 13YR-24F FS193A
MAKE MODEL SERIAL

FROM 8/ 20 2012 TO _____ 20 _____

DETAILING TIME FROM _____ TO _____
HOURS HOURS

SSP-1872-1

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October 1994



DES MOINES
FLYING SERVICE

INTERNATIONAL AIRPORT
PO BOX 35126 - DES MOINES, IOWA 50315-0302
TELEPHONE (515) 256-5300 - FAX (515) 256-5537
dmfs.com

08/28/2012 N65GS PIPER PA31P-350 SN 31P-8414016
HOBBS: 649.6 TOTAL: 3083.9

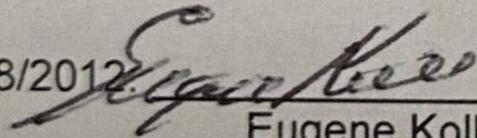
L PROP	MAKE	MODEL	SERIAL No	TOTAL	SMOH
	HARTZELL	HC-13YR-2UF	FS-193A	UNK	817.9

Performed an Annual inspection in accordance with Piper PA31P-350 Mojave Inspection Report 230-1088 dated 12/09/1994.

1. Inspected and lubed propeller

I certify that this **Left Propeller** has been inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. **18209**.

Date Signed 08/28/2012


Eugene Koll



Des Moines Flying Service, Inc., FAA CRS G9CR485J

Date

al No.

ght (Dry)

Pressure

lacement Cu. In.

Serial No.

le Serial No.

gth

Address



DES MOINES I
FLYING SERVICE

INTERNATIONAL AIRPORT
PO BOX 35126 - DES MOINES, IOWA 50315-0302
TELEPHONE (515) 256-5300 - FAX (515) 256-5537
dmfs.com

Date

09/01/2013

N65GS

PIPER PA31P-350

SN 31P-8414016

HOBBS: 798.1

TOTAL: 3232.0

L PROP	MAKE	MODEL	SERIAL No	TOTAL	SMOH
	HARTZELL	HC-13YR-2UF	FS-193A	UNK	966.4

Performed an Annual inspection in accordance with Piper PA31P-350 Mojave Inspection Report 230-1088 dated 12/09/1994.

1. Inspected and lubed propeller

I certify that this *Left Propeller* has been inspected in accordance with an *Annual Inspection* and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. **18576**.

Date Signed 09/01/2013



Kurt Gabriel

Des Moines Flying Service, Inc., FAA CRS G9CR485J

License
Number

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No.



DES MOINES
FLYING SERVICE

INTERNATIONAL AIRPORT
PO BOX 35126 - DES MOINES, IOWA 50315-
0302 TELEPHONE (515) 256-5300 - FAX (515)
256-5537
dmfs.com

License
Number

10/07/2014 N65GS PIPER PA31P-350 SN 31P-8414016
HOBBS: 861.8 TOTAL: 3295.7

L PROP	MAKE	MODEL	SERIAL No	TOTAL	SMOH
	HARTZELL	HC-13YR-2UF	FS-193A	UNK	1030.1

Performed an Annual inspection in accordance with Piper PA31P-350 Mojave Inspection Report 230-1088 dated 12/09/1994.

1. Inspected and lubed propeller
2. Serviced prop accumulator to 41 psi

I certify that this **Left Propeller** has been inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. **19002**.

Date Signed 10/07/2014:


Jeff Seals



Des Moines Flying Service, Inc., FAA CRS G9CR485J

of a



LEFT PROP

October 27, 2015
N65GS

A/C Hobbs 890.5
Hartzell HC-13YR-2UF

T.T. UKN

T.S O/H 1058.8
S/N FS-193A

Complied with Annual Inspection of prop this date in accordance with Piper Mojave Inspection Report P/N 230-1088 issued December 9, 1994.

Run, leak and operational check satisfactory. See separate file for AD note listing and compliance.

I certify that this propeller has been inspected in accordance with an Annual inspection and has been approved for return to service.

Date October 27, 2015 Work Order 15-5825

Michael J. Gish

*Purdue Aviation, LLC.
1630 Aviation Dr.
West Lafayette, IN. 47906
Repair Station #AHR100C*

			Page Total
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			Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____



LEFT PROP

October 20, 2016
N65GS

A/C Hobbs 995.3

T.T. UKN

T.S O/H 1163.6

Hartzell HC-13YR-2UF

S/N FS-193A

Complied with Annual Inspection of prop this date in accordance with Piper Mojave Inspection Report P/N 230-1088 issued December 9, 1994.

Run, leak and operational check satisfactory. See separate file for AD note listing and compliance.

I certify that this propeller has been inspected in accordance with an Annual inspection and has been approved for return to service.

Date October 20, 2016 Work Order 16-6121

A handwritten signature in black ink, appearing to read 'Phillip Stacey', is written over a horizontal line.

Purdue Aviation, LLC.

1630 Aviation Dr.

West Lafayette, IN. 47906

Repair Station #AHRRI00C

ENGINE LOG

Serial No.



use
iber

LEFT PROP

October 31, 2017
N65GS

A/C Hobbs 1127.3
Hartzell HC-13YR-2UF

T.T. UKN T.S O/H 1295.6
S/N FS-193A

Complied with Annual Inspection of prop this date in accordance with Piper Mojave Inspection Report P/N 230-1088 issued December 9, 1994.

Run, leak and operational check satisfactory. See separate file for AD note listing and compliance.

I certify that this propeller has been inspected in accordance with an Annual inspection and has been approved for return to service.

Date October 31, 2017 Work Order 17-6439

A handwritten signature in black ink, appearing to read 'Kerry Ortega', is written over a horizontal line.

Purdue Aviation, LLC.
1630 Aviation Dr.
West Lafayette, IN. 47906
Repair Station #AHRR100C

Total to Date

Serial Number MUST BE SHOWN.

ENGINE LOG

Serial No. _____



LEFT PROP

October 19, 2018
N65GS

A/C Hobbs 1244.7

T.T. UKN

T.S O/H 1413.0

Hartzell HC-13YR-2UF

S/N FS-193A

Complied with Annual Inspection of prop this date in accordance with Piper Mojave Inspection Report P/N 230-1088 issued December 9, 1994. Run, leak and operational check satisfactory.

I certify that this propeller has been inspected in accordance with an Annual inspection and has been approved for return to service.

Date October 19, 2018 Work Order 18-6793

A handwritten signature in black ink, appearing to read 'Chris [unclear]', is written over a horizontal line.

Purdue Aviation, LLC.
1630 Aviation Dr.
West Lafayette, IN. 47906
Repair Station #AHRR100C

Total to Date

ENGINE LOG

Serial No. _____



LEFT PROP

October 28, 2019

A/C Hobbs 1353.1

T.T. UKN

T.S O/H 1521.4

N65GS

Hartzell HC-13YR-2UF

S/N FS-193A

Complied with Annual Inspection of prop this date in accordance with Piper Mojave Inspection Report P/N 230-1088 issued December 9, 1994. Run, leak and operational check satisfactory.

I certify that this propeller has been inspected in accordance with an Annual inspection and has been approved for return to service.

Date October 28, 2019 Work Order 19-7188

A handwritten signature in black ink, appearing to read 'Mey A. ...', is written over a horizontal line.

Purdue Aviation, LLC.

1630 Aviation Dr.

West Lafayette, IN. 47906

Repair Station #AHRR100C

Total to Date

Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Date: 7/16/2021; Aircraft: N65GS; Type: PA-31P-350; S/N: 31P-8414016; Hobbs: 1360.90; Tach:; Total Time: 3795.20; Prop 1 Type: HC-13YR-2UF, S/N: FS193A, Time:; Last Prop MOH: 1529.20-1/08/2000
 Shop Order #: SH-21-0168

Discrepancy: 500

ANNUAL INSPECTION DUE ON LEFT PROPELLER

Corrective Action: 500

COMPLIED WITH ANNUAL INSPECTION ON LEFT PROPELLER. NEXT DUE IN 12 MONTHS. SEE THIS WORK ORDER FOR DEFECTS.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was

INSPECTED in accordance with current regulations of the Federal Aviation Administration and ANNULR inspection. I certify that this aircraft was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station.

SIGNED: _____

DATE: 7-16-2021

Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

		Airframe		Powerplant		Propeller	
Date	8.31.2022	N#	65GS	Make	Lycoming	Make	Hartzell
Hobbs	1369.4	Make	Piper	Left Model	TIO-540-V2AD L-8563-61A	Model	HCI3YR-2UF FS193A
Offset	2434.3	Model	PA-31P-350 Mojave	ETSMOH TBO EXP 2016	1313.4	PSOH TBO EXP in 2005	1537
AFTT	3803.7	S/N	31P-8414016	Right Model	LTIO-540-V2AD L-2726-68A	Model	HCI3YR-2LUF FS192A
				ETSMOH TBO EXP 2016	1435	PSOH TBO EXP in 2005	1537

Complied With

Complied with an ANNUAL inspection I.A.W. Far appendix D and with reference to Piper AMM Maintenance Manuals

Airworthines Directives

No ADs apply

Servicing

Serviced Left Prop to 41psi of nitrogen
 Serviced Right Prop to 41psi of nitrogen

Air to overhaul TN

I certify that this aircraft has been inspected in accordance with an Annual inspection and a list of discrepancies and unairworthy items dated 6.15.2022 has been provided for the aircraft owner or operator.

T. Nunes AP 3A 30x 216

Tony Nunes A&P, I.A. 3042176 8952 Bridle Ridge Lane

Manassas Va, 20110 804-869-9607

t_nunes@verizon.net

ENGINE LOG

Serial No. _____

01104 (11-14-2025)

MAKE: Piper
MODEL: PA 31P 350
S/N: 31P-8414016
REG. NO: N65GS



Legend Aviation LLC

9998 Wakeman Drive
Suite 107
Manassas, Virginia 20110

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W/O #: 01104
DATE: 11-14-2025
A/C TT: 3859.3
A/C Tach:
Prop TT - L:

Propeller - L Entries

- 4 Comply with LH propeller annual inspection
Complied with LH propeller annual inspection IAW FAR 43 App D. Dressed leading edges.

I certify this propeller has been inspected IAW an annual inspection and has been found to be in an airworthy condition.

DATE: 11-14-2025

SIGNED:

Michael F. Carothers, A&P/IA, #3192715

WORK ORDER: 01104

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Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

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