SKYBOLT N873X

The Standard

ENGINE LOG

ASA-SE-2

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Engine

Reg. #:N873X Make: Lycoming Model: O-540-E4B5 Ser. #:L-17480-40
Date: 8/12/2023 Tach: 160.8 Eng. T.T.: 770.0 TSMO: 537.7 TSTO: 160.8 Page:1 of 1

1. I certify that I have inspected this engine IAW an Annual Condition inspection check list per FAR 43, App D. Ad's checked up to this date. All work accomplished IAW the OEM service manual. I have determined this Engine to be in an airworthy condition on this date and Tach reading only (Owner Assisted), He completed all service items.
AD 2005-12-06 Due Tach: 200.1
[redacted]

8/12/23 Tach 160.8 TSMO 537.7
Clean and gap spark plugs. Compression: #1-79 #2-78 #3-78 #4-79 #5-79 #6-78
Clean fu[redacted]r filter, Check timing.
[redacted]

YEAR 20____ DATE

Iterations
Number of
ific entries.)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
Reg. #:N873X Make: Lycoming Model: O-540-E4B5 Ser. #:L-17480-40 Date: 2/2/2022 Tach: 141.6 Eng. T.T.: 750.8 TSMO: 518.5 TSTO: 141.6 Page:1 of 1				
				1. I certify that I have inspected this engine IAW an Annual Condition inspection check list per FAR 43, App D. Ad's checked up to this date. All work accomplished IAW the OEM service manual. I have determined this Engine to be in an airworthy condition on this date and Tach reading only (Owner Assisted), He completed all service items. AD 2005-12-06 Due Tach: 200.1 [redacted]
				2/2/22 Tach 141.6 TSMO 750.8 Remove Carb for overhaul and reinstall. Overhaul by Mikes Fuel Metering, Tulsa OK. Clean and gap spark plugs, Check compression: #1=79 #2=78 #3=79 #4=79 #5=79 #6=78. Change Oil and filter. Clean Fuel screen. Install new air filter, Check timing. [redacted] (Owner) [redacted]

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

1. Approving Civil Aviation Authority/Country: **FAA/UNITED STATES**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: [redacted]
4. Organization Name and Address: LYCOMING ENGINES 652 OLIVER STREET WILLIAMSPORT, PA 17701	PRODUCTION CERTIFICATE #3	5. Work Order/Contract/ Invoice Number: [redacted]

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11.Status/ Work:
3.1	KIT-OIL PUMP IMPELLER (4 AND 6	05K19423-S	1	N/A	NEW

12. Remarks: AIRWORTHINESS APPROVAL PARTS
AIRCRAFT SPRUCE AND SPECIALTY

13a. Certifies the items identified above were manufactured in conformity to: X Approved Design data and are in a condition for safe operation. _ Non-approved design data specified in Block 12.		14a. _14 CFR 43.9 Return to Service _ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. [redacted]	13c. Approval/Authorization No: [redacted]	14b. Authorized Signature:	14c. Approval/Certificate No.:
13d. Name (Typed or Printed): [redacted]	13e. Date (dd/mmm/yyyy): 15-MAY-2020	14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):

User/Installer Responsibilities

It is important to understand the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

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.

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Removed magnetos for inspection, grease bearings inspect impulse coupling install new impulse spring PN: 10-51324.
Reinstall magnetos with new magneto drive cushions and gaskets and set timing
Comply with AD 2005-12-06 (07/19/2005) impulse coupling inspection due every 100 hrs next due at Tach Time of 200.18 Aircraft Total Time 809.38
Comply with AD 96-09-10C (07/15/19196) by installing new Lycoming Oil Pump Impeller Kit PN: 05K19423-S.
AD 2004-10-14C next due at engine sudden stoppage.
Ground run, operational check normal, no leaks noted.

[redacted] [redacted]

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alteration** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries

10/01/2020 Lycoming O-540-E4B5 SN: L-17480-40
Tach: 100.18 Engine TT:709.38 Engine TSMO 477.38 TSTO 100.18

Engine inspected and serviced in accordance with Lycoming service manual.
Checked compression 1. 78 2. 77 3. 77 4. 78 5. 77 6. 76,
Changed oil, inspected oil filter. Installed 11qts Aeroshell 100W Plus oil.
Installed new oil filter PN: AA48110-2 torque to spec and safety.
Install new engine air filter PN: BA-9105
Clean and gap spark plugs.
Install new alternator belt PN: Gates 7375
Rear accessory case was removed to comply with oil pump AD 96-09-10C and reinstalled with new gasket all accessories were installed with new gaskets
Install new crankshaft gear retaining bolt PN:SL_STD-2209 and lock plate
(There was no engine sudden stoppage) Replaced bolt because had access to it.

SKYBOLT N873X

The Standard

AIRCRAFT LOG

ASA-SA-2

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Airframe

Reg. #:N873X
Date: 8/12/2023

Make:Marshall Freeman
Tach: 160.8

Model: Steen Skybolt
T.T.: 770.0

Ser. #:1
Page:1 of 1

1.I certify that I have inspected this airframe IAW an Annual Condition inspection check list per FAR 43, App D. Inspected ELT in compliance with FAR 91.207(c) 1&2, (d) 1-4. ELT Battery due Sept 30 2025. Ground run-up and leak checks performed, OK. All work accomplished IAW the OEM service manual. I have determined this Airframe to be in an airworthy condition on this date and Tach reading only (Owner Assisted), He completed all service items.

[redacted]

8/12/23 Tach 160.8 T.T. 170.0

Remove inspection covers and panels. Inspect and lube aircraft. Grease wheel bearings. Grease tailwheel. Top off brake fluid. Clean fuel strainer.

[redacted]

[redacted] (Owner)

YEAR 20___ DATE	RECOR TACH TIME

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Reg. #:N873X Make:Marshall Freeman Model: Steen Skybolt Ser. #:1
Date: 2/2/2022 Tach: 141.6 T.T.: 750.8 Page:1 of 1

1.I certify that I have inspected this airframe IAW an Annual Condition inspection check list per FAR 43, App D. Inspected ELT in compliance with FAR 91.207(c) 1&2, (d) 1-4. ELT Battery due Sept 30 2025. Ground run-up and leak checks performed, OK. All work accomplished IAW the OEM service manual. I have determined this Airframe to be in an airworthy condition on this date and Tach reading only (Owner Assisted), He completed all service items.

[redacted]

2/2/22 Tach 141.6 T.T. 750.8
Remove inspection covers and panels, inspect and lube aircraft.
Grease wheel bearings, Grease tailwheel, Install new brake pads,
Top off brake fluid, Clean fuel strainer.

[redacted] (Owner) [redacted]

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alteration** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries

10/01/2020 N873X Freeman Steen Skybolt SN: 1
Tach: 100.18 Aircraft Total Time: 709.38

Remove inspection covers and panels, inspect and lube aircraft.
ELT inspected to comply with FAR 91.207d 1-4 and set to the armed position. ELT battery due Sept 30 2025
Clean, inspect and grease all wheel bearings.
Install new tail wheel tire and tube.
Inspect and bleed brakes.
Install new fuel drain pull cable.
Install new right rudder cable.
Inspect fuel strainer, install new seal kit and fuel strainer plunger PN: MC0756010-11.
I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D of part 43 on this date and is found to be in a condition for safe operation

[redacted] [redacted]

[redacted]

LOG 2

N38MF

The Standard

AIRCRAFT LOG

Aircraft Record General Information

Manufacturer [redacted] **Model** Steen Skybolt

Serial 1 **Registration Number** N873X

Date of Manufacture 2/18/1977

Engine(s) currently installed:

Manufacturer _____ **Model** _____ **Serial** _____

Manufacturer _____ **Model** _____ **Serial** _____

Propeller(s) currently installed:

Manufacturer _____ **Model** _____

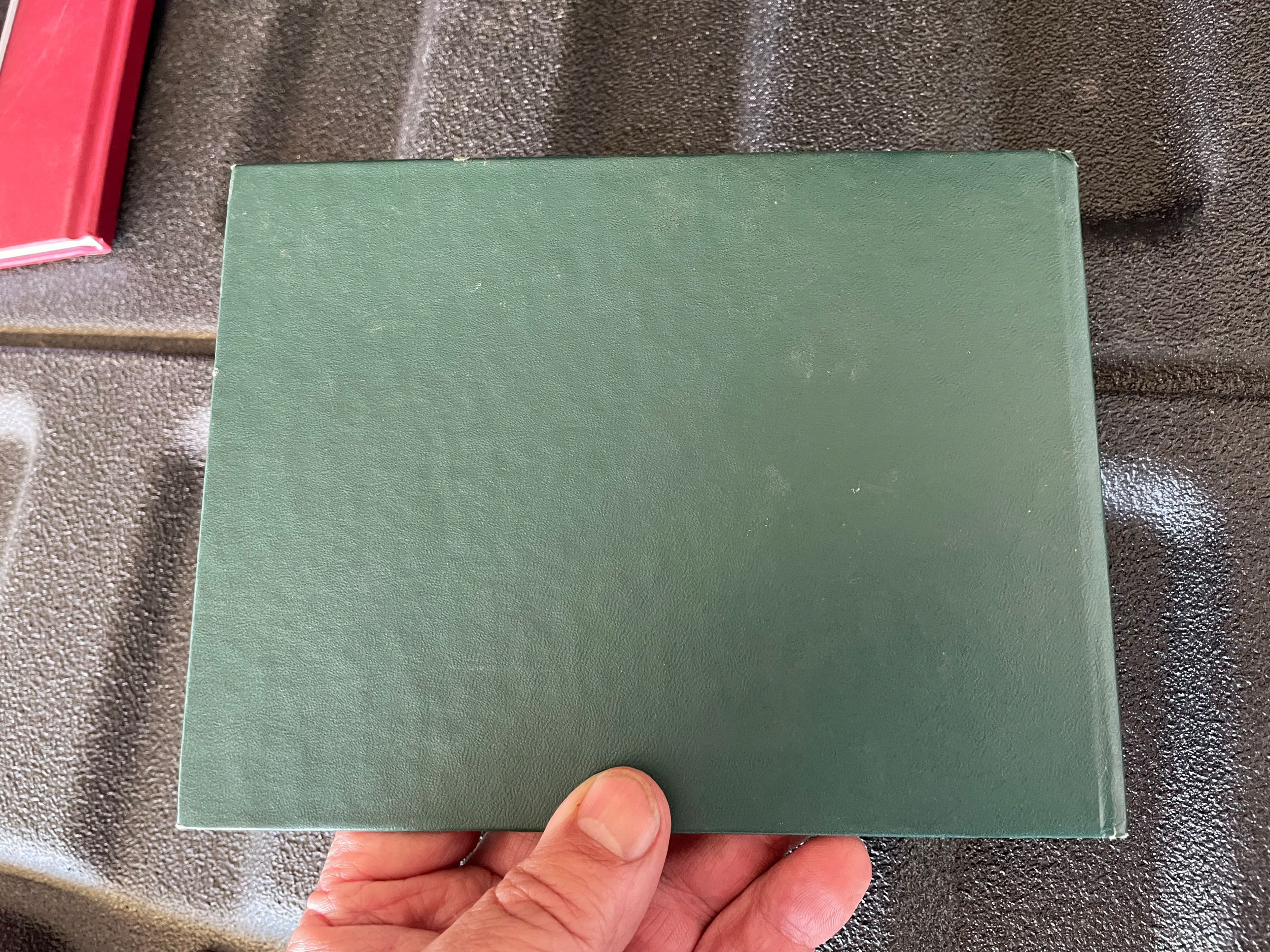
HUB Model _____ **Serial** _____ **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

DATE 1986	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-10-86	609.2			COMPRESSION TESTED #1 76/80 #2 77/80 #3 76/80 #4 76/80 #5 76/80 #6 76/80. REPOSITIONED BUSS BAR FOR CLEARANCE. REPLACED ALL TIRES & RT MAIN TUBE. PACKED ALL WHEEL BEARINGS. RESEALED RT MASTER CYLINDER & BLED BRAKE. REPLACED LEFT STROBE FLASHTUBE. INSTALLED NEW AIR FILTER ELEMENT. CLEANED LINES & FITTINGS TO SMOKE SYSTEM & CLOSED NOZZLES TO .050". INSPECTED FLYING WIRE ATTACH FITTINGS AT GEAR LEGS. TAPED WIRES AT JAVELINS. REPAIRED LEFT LOWER WING INBOARD TRAILING EDGE. RE-WELDED LANDING GEAR FAIRING ATTACHMENTS AT 3 POINTS. REPAIRED ENGINE BAFFLING ON RT SIDE. REPAIRED LEFT LANDING →

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
			→	GEAR FAIRING. REPLACED F.L.T BATTERY. RUN UP ON GROUND - O.K. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE & DETAIL OF APPENDIX "D" OF F.A.R. PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION 7/10/86 TACH 609.2 [redacted]



N873X

The Standard

PROPELLER LOG

ASA-SP-L

Propeller Record General Information

Propeller Manufacturer Hartzell

Model HC-C2YK-4F/FC8477-4 **Type** Serial # A645

Hub Series # _____ **Blade #** _____

Date of Manufacture _____

	Make/Model	Serial #
Aircraft Installed On:		

☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Year: _____

Date:

Next Inspection Due:

10/01/2020 Hartzell HC-C2YK-4F SN: A645E
Tach: 100.18 Prop total time: 709.38 Prop TSOH 100.18

Propeller removed and sent to Stockton Propeller Inc. for eddy current inspection See FAA form 8130-3 dated 18/AUG/2020. Propeller disassembled cleaned inspected and greased by Stockton Propeller. Complied with AD 2001-23-08 (12/24/08) hub inspection by eddy current inspection next due at Tach time of 250.18. Aircraft TT 859.38. Reinstall propeller torque to spec and safety. Test run and operational check normal.

[redacted] [redacted]

Year: _____

Date:

Next Inspection Due:

Year: _____

Date:

Next Inspection Due:

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

Year: _____

Date:

Next Inspection Due:

Year: _____

Date:

Next Inspection Due:

Year: _____

Date:

Next Inspection Due:

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number: [redacted]
FAA/United States		
4. Organization Name and Address: STOCKTON PROPELLER INC. 2478 N. WILCOX RD. STOCKTON, CA. 95215		5. Work Order/Contract/Invoice Number: [redacted]

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	HARTZELL PROPELLER	HC-C2YK-4F / FC8477-4	1	A645E	INSPECTED

12. Remarks:

REMOVED CYLINDER, PISTON AND ROD. CLEANED AND VISUALLY INSPECTED PARTS. PERFORMED EDDY CURRENT INSPECTION OF HUB FILLET RADIUS PER AD 01-23-08 AND SB 61-227 R2, NO DEFECTS FOUND. NEXT INSPECTION DUE IN 150 HOURS TIME IN SERVICE. LETTER "E" STAMPED AFTER HUB SERIAL NUMBER TO SIGNIFY INITIAL INSPECTION. PROP REASSEMBLED WITH NEW SEALS AND SAFETIED. NO FURTHER INSPECTIONS PERFORMED.

****

13a. Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 12.

14a. ☑ **14 CFR 43.9 Return to Service** ☐ **Other regulation specified in Block 12**

[redacted]

the work identified in Block 11
dance with Title 14, Code of
ork, the items are approved for

13b. Authorized Signature:	13c. Approval/Authorization No.:	14c. Approval/Certificate No.: [redacted]
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): [redacted] / 14e. Date (dd/mmm/yyyy): 18/AUG/2020

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

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.

NSN: 0052-00-012-9005

FAA Form 8130-3 (02-14)

☐ **HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS**

Year:	Total Time in Service	Description
Date:		
Next I Due:		

Reg. #:N873X Make:Hartzell Model:HC-C2YK-4F Ser#: A645
Date: 2/2/2022 Tach: 141.6 T.T.: 750.8 TSOH 141.6 Page:1 of 1

Year:	1. I certify that I have inspected this PROPELLER I/A/W an Annual Condition inspection check list per FAR 43, App D. Checked ADs up to this date. I have determined this PROPELLER to be in an airworthy condition on this date and Tach reading only (Owner Assisted), He completed all service items.
Date:	
Next I Due:	AD 2001-23-08 Due Tach 250.18

[redacted]

Year:	in Service	Description
Date:		
Next Inspection Due:	Time Since Overhaul	

Mech. Cert. # or Repair Station # _____

Propeller

Reg. #:N873X Make:Hartzell Model:HC-C2YK-4F Ser#: A645

Date: 8/12/2023 Tach: 160.8 T.T.: 770.0 TSOH 160.8 Page:1 of 1

1. I certify that I have inspected this PROPELLER I/A/W an Annual Condition inspection check list per FAR 43, App D. Checked ADs up to this date. I have determined this PROPELLER to be in an airworthy condition on this date and Tach reading only (Owner Assisted), He completed all service items.

AD 2001-23-08 Due Tach 250.18

[redacted]

Year:	Total Time in Service	Description
Date:		
Next Inspection Due:	Time Since Overhaul	
		Mech. Cert. # or Repair Station #

