INSTALLATION ■ OPERATION ■ SERVICE

84067
BG 229 LEFT

Hartzell

propeller owner's manual & log book for PIPER AIRCRAFT

MANUAL 107-Q - DOA - FAA APPROVED

June 1979

HARTZELL PROPELLER, INC. - PIQUA, OHIO

Installed
11-14-80
3278 T/tach

PROPELLER MAINTENANCE RECORD

LEFT ENGINE

Hub Model HC-E2YL-2BS

Blade Design 7663-4

Diameter _____

Hub Ser. No. BG 229

Blade Ser. Nos. _____

No. 1 B81282

No. 2 B 88389

No. 3 _____

PITCH RANGE

High _____ Low 12°

Feather _____ Reverse _____

Governor Model _____

RIGHT ENGINE

Hub Model _____

Blade Design _____

Diameter _____

Hub Ser. No. _____

Blade Ser. Nos. _____

No. 1 _____

No. 2 _____

No. 3 _____

PITCH RANGE

High _____ Low _____

Feather _____ Reverse _____

Governor Model _____

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
10-27-80	3278	Overhauled by Piqua	E. M. Sherman
		Aircraft Service #4389	1523018
		A.D. 71-21-9 &	
		A.D. 77-12-06 complied	
		with	
		OVERHAUL INTERVALS	
		1500 Hrs. or 4 Calendar Yrs.	
		[illegible]	

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
10-29-85	1115.80	Installed overhaul Hartzell propeller	A&P 371486110 Eric H. Taylor

MAINTENANCE RELEASE

MAKE Hartzell MODEL HC-E2YL-2BS/7663-4 HUB

SERIAL NO. BG229

BLADES SERIAL NOS. #1 B85496 #2 B85318

#3 _____ #4 _____

The Propeller above was **OVERHAULED** in accordance with the current F.A.A. Regulations and was found airworthy for return to service. Pertinent details of this repair are on file at this agency under :

WORK ORDER # 1942 DATE 10-29-85

signed Eric H. Taylor **REPAIR STATION # 713-21**

AIRCRAFT SPECIALISTS INC.
6119 HITT LANE
LOUISVILLE KY. 40222

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE

Make Hartzell Model HC-E2YL-2BS/7663-4
Serial No. BG229
Blades Serial Nos. #1 B85318 2# B85496

Not an overhaul. Complied with AD 77-12-06, SB 118C, & 136E only.

The propeller above was in accordance with the current F.A.A. Regulations and was found airworthy for return to service. Pertinent details of this repair are on file at this agency under:
Work Order # 13283 Date 8-14-90
Signed [signature] Repair Station #PZ4R458M
Aircraft Specialists, Inc.

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
8-5-6	4338.6	inspect + lube	[signature] AP2346176
2-5-98	4468.2	INSPECT + LUBE	[signature] AP4074620 43

DESCRIPTION OF ALL SPE...
PERTAINING TO AIRWORTHINESS DIRECTIVES

FAA FORM 8130-3

AIRWORTHINESS APPROVAL TAG

U.S. Department of Transportation
Federal Aviation Administration

1.	2.	3. System Tracking Ref. No.
UNITED STATES		103583

4. Organization
6005 Propeller Lane
Sellersburg, IN 47172
FAA Approved Repair
Station # PZ4R458M
http://www.aircraft-specialists.com
Anti-Drug and Alcohol Program # D-GL-00214-S

Aircraft Specialists, Inc.

5. Work Order, Contract, or Invoice Number: 103583

6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
	Hartzell Propeller	HC-E2YL-2BS/7663-4	VARIOUS	1	BG229	Repaired

13. Remarks: Disassembled, cleaned, inspected, installed new seals gaskets, assembled, and balanced propeller.

* (Optional) Installer must cross check eligibility with applicable technical data.

Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.

14. New ☐
Newly Overhauled ☐

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance wtih FAA approved design data and airworthiness

NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

19.

Return to Service in Accordance with FAR 43.9

Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.

15. Signature:	16. FAA Authorization No.:	20. Authorized Signature:	21. Certificate Number: PZ4R458M
17. Name *(Typed or Printed)*:	18. Date:	22. Name *(Typed or Printed)*: MIKE BAILEY	23. Date: 7/29/99

Airworthiness Approval Tag User/Installer Responsibilities: It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different that the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issured in accordance with the national regulations by the user/installer before the aircraft may be flown. The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
12-14-99		4608.0 HOBBS ON AIRFRAME T.T. SINCE FACTORY OVERHAUL ON ENG. "O" T.T.E. 7129.0 RE-INSTALLED ON Lt. ENG. S/N L-4025-55A According to MFG. INSTRUCTIONS.	
		[signature]	A&P 407462043
		DATE 12-18-99 ~~TOTAL TIME~~ Hobbs 4608.0 I CERTIFY THAT THIS Propeller HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. [signature] RONALD W. WARD, 1628060 IA	
3-13-01		I certify that this prop has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. [signature] A&P IA 3214833N	

LEFT PROPELLER

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
5-16-02	4838.4	I certify that this prop has been inspected	
		in accordance with an annual inspection and was determined	
		to be in an airworthy condition	A&P IA 32148330

AC Reg.# N 8406Y
Total Time 4868

Date 6/4/03
Tach 4868

I Certify that this A/C, Engine Prop has been inspected in accordance with an ANNUAL/100hr inspection as per FAR 91.409 and was determined to be in an Airworthy condition.

Signature

2804640057 A&P
Certificate # and Type

CWAD 2002-26-01 Fuel Injection Lines by Inspection due in 100hr
CWAD 2001-17-13 Fuel leakage by inspection due next inspection
CWAD 97-01-01 Landing Gear by SB 782A next due 5868TT
AD 96-20-07 JanAero heater is due at 849 heater hobbs hrs or 5/04
CW AD 94-13-10 Hi-Shear rivets by SB 411A due again in 100hrs
AD 91-14-22 Crakshaft Bolt is due at a Prop strike or maintenance
CW AD 83-10-01 Water in fuel system SL589 due again in 50hrs
CW AD 79-12-08 Fuel Selector valve by SL851 due again in 50 hrs
AD 77-13-2R1 Landing gear Para B bungees due again at 5-05 or at 5384 hrs
AD 65-03-03 Crankshaft Failure is due after aerobatics or spins

HOME OF *Hartzell* PROPELLERS

This is an invitation to visit the home of Hartzell propellers in Piqua, Ohio. Here you'll see how design know-how . . . large and complete production facilities . . . high standards of workmanship . . . rigid inspection and testing procedures . . . assure unquestioned safe and superior performing propellers. Wherever you may be, you can look with confidence to our worldwide sales and service organization, backed by the progressive 100-year-old name: HARTZELL.



MEMBER OF GAMA –
General Aviation
Manufacturers Association

LITHO U.S.A.

HARTZELL PROPELLER, INC. ▪ PIQUA, OHIO