Hartzell Propeller Inc.
Assembly Inspection Check-off Record

COMPACT PROPELLER

Approved By: S. Wead | Date: 10/31/03 | Form Rev.: E | Exp. ☑

Inspection

Prop S/N JM18G | Model HC-H3YF-2UF | W.O. No. M831970
Drawing D-3280 | Dwg. Rev. BJ | IDS No. 1841 | IDS Date 11-30-01

Serialized Parts

Builder

Hub Part No. E7169-1
Hub Factory No. A68558B
Fork Ser. No. NE1346
Piston Ser. No. C5567

Inspector

Bulkhead S/N NA
Slip/Slinger Ring S/N NA
Cylinder S/N E2637

	Part No.	Serial No.
Cwt.	B-3202H-5	
Blade	FC7693DF	
#1		J98857
#2		J98860
#3		J98858
#4		—

Builder

Check for Leaks ✓ | Check Feather Angle (Record Angle) 82.2 | Verify Rod Nut Cotter Pin N/A
Assembled By: Mike Kloeffler | Date: 1-12-04

2nd Check Verification

Blade Angles Checked at 30" Radius | Low Pitch (Within .2 Deg.) 13.1 / 13.2 | High Pitch 17.95 / 18.05
Friction ✓ | Function Test "0"-"175"psi ✓ | Reverse Pitch N/A / —
Track/Length (Aluminum .125" max)(Composite .250" max.) T ✓ /L ✓
Verified By: T. Fitzgerald | Date: 1-12-04

Balance

Balance Weight Quantity and Type
Lead #1 1A | #2 0 | #3 1-2A | #4 —
Trail #1 — | #2 0 | #3 — | #4 —
Front (Assy. S/N) — | Back —
Balanced By: M | Date: 1-12-4

Inspection

Non-installed Mounting Hardware and Dimensional Checks

"D" Flange Only
(8) A-2044 Nuts ___
(8) A-7752 Spacer ___
(2) A-7750 & (6) A-7749 Stud Torque 25 ft lb ___
Mtg Stud Protrusion ___

"F" Flange Only
(6) A-1381 Washers ✓
(6) A-2044 Lock Nut ✓
A-2429-3,4,5 Studs Torqued 25 ft.lbs. ✓
Mtg Stud Protrusion ✓
Dowel Pin Protrusion ✓

"L" Flange Only
(4)B-6489-25 Bolts ___
(4)B-6526-7 Washer ___

"N" Flange Only
(8)A-3257 Nuts ___
(8)A-2048-2 Washer ___
A-3254 Studs Torqued 25 ft. lbs. ___
Mtg Stud Protrusion ___
Dowel Pin Protrusion ___
C-3317-230 O-Ring ___

Safeties ✓ | Visual Insp Mtg. Flange & Hub Bore ✓ | Non-Installed Parts Checked ✓ | Torque Sheet Complete ✓
Spinner Mtg Kit A-2476-(17) | Installed ✓ | Included ___ | N/A ___
De-ice Kit No. ___ | Installed/Ck'd ___ | Included/Ck'd ___ | N/A ✓
Ohms Reading <100K | #1 ___ #2 ___ #3 ___ #4 ___ | N/A ✓
Air Chamber Charged per Requirement in Applic. Owners Manual ✓ | N/A ___

Comments:

Inspected By: B. Kittin | Stamp HP 45 | Date: 1-13-04

The approved design data for this propeller incorporates all changes required by applicable Airworthiness Directives.

HARTZELL PROPELLER INC

INSPECTION

Part Number: H3F00100

Date: 1/13/2004

Work Order # M831970

Model Number					
HC-H3YF-2UF/FC7693DF					
Ass'y Ser No.	Hydr Unit No.	Bulkhead No.	Valve No.	Dome No.	
JM18B	NA	NA	NA		
Blade 1	Blade 2	Blade 3	Blade 4	Blade 5	Blade 6
J98857	J98860	J98858			

Carton No.	Lbs.	Weight	Kilos	Height	Width	Length	Packing

Comments:

Deice Kit: NA

IDS# 1841 11/30/01

Spinner Mounting Kit: A-2476-17

13.0 L.P./S.L. @ 30" Radius

Packing Certified By: P.D.

Date: 1/14/04