

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

P-896  
Revision 1  
HARTZELL  
HC-102Y  
  
October 12, 1956

PROPELLER SPECIFICATION

Propellers of models described herein conforming with these specifications and approved data on file with the Civil Aeronautics Administration are rated as airworthy for use in certificated aircraft in accordance with pertinent aircraft specifications and applicable portions of the Civil Air Regulations, provided they are installed, operated, and maintained as prescribed by the manufacturer.

Type Certificate Holder                      Hartzell Propeller, Inc.  
Piqua, Ohio

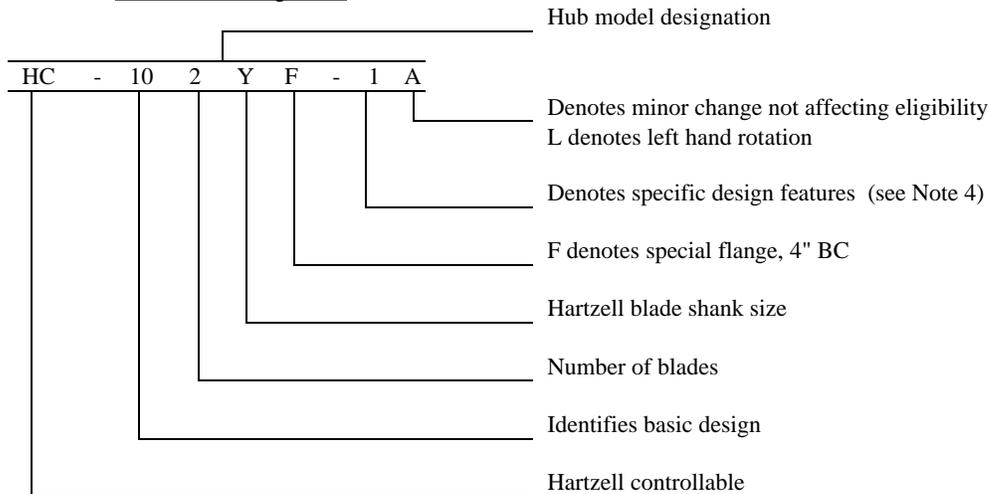
Type    Constant speed; hydraulic (see Note 3)  
Engine shaft                                        Special flange 4" B.C.  
Hub material                                        Aluminum alloy  
Blade material                                      Aluminum alloy  
Number of blades                                 Two  
Hubs eligible                                        HC-102YF-1 (See Note 1.)

Blades Eligible (See Note 2)	Maximum Continuous		Takeoff		Diameter Limits	Approx. Max. Wt. Complete (for reference only) (See Note 3)
	HP	RPM	HP	RPM		
8848-0 to 8848-8	240	2600	240	2600	88" - 80" (-0 to -8)	60 lbs.

Certification basis                                Type Certificate No. 896

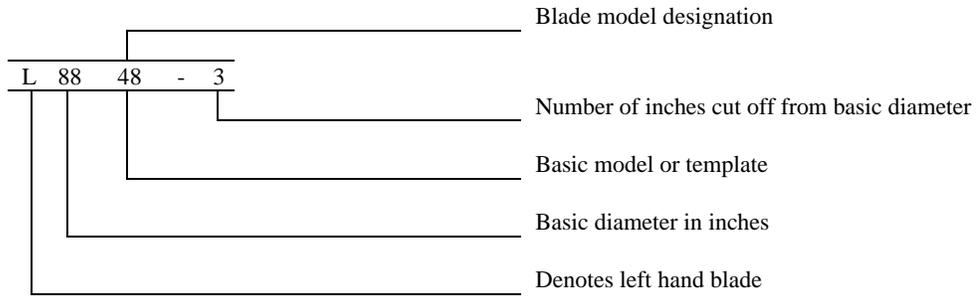
Production basis                                    Production Certificate No. 10 issued to:  
Hartzell Industries, Inc.  
Piqua, Ohio

NOTE 1.                      Hub Model Designation



NOTE 2.                      Blade model designation

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NOTE 3. Pitch Control. Eligible with the Hartzell constant speed control, which includes the Woodward X210XXX series governor models. Additional weight 4.5 lbs.

NOTE 4. Not applicable.

NOTE 5. Left-Hand Models. The left-hand version of an approved model propeller is eligible at the same rating and diameter as listed for the right-hand model. See Notes 1 and 2.

NOTES 6, 7, 8, and 9. Not applicable.

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