

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

P34NE
Hartzell
HD-E6C

October 3, 1994

TYPE CERTIFICATE DATA SHEET NO. P34NE

Propellers of models described herein conforming with this data sheet (which is part of Type Certificate No. P34NE) and other approved data on file with the Federal Aviation Administration, meet the minimum standards for use in certificated aircraft in accordance with the pertinent data sheets and applicable portions of the Federal Aviation Regulations provided they are installed, operated, and maintained as prescribed by the approved manufacturer's manuals and other approved instructions.

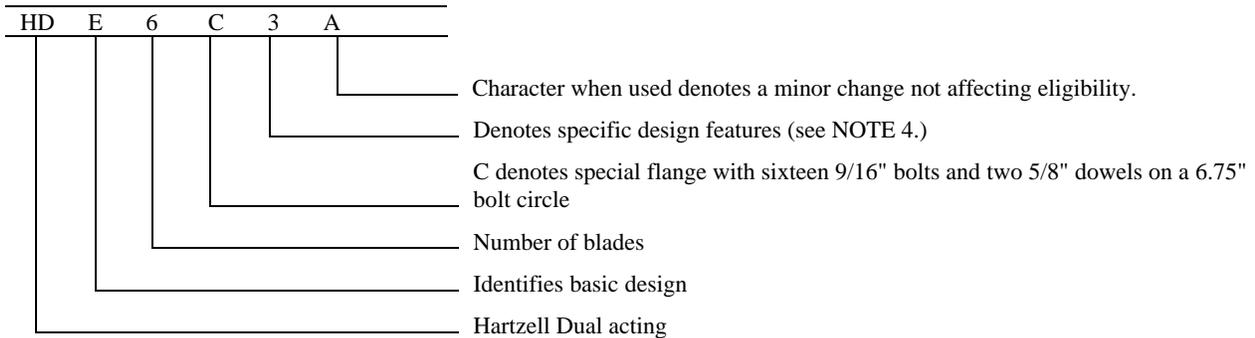
Type Certificate Holder	Hartzell Propeller, Inc. Piqua, Ohio 45356
Type	Constant speed; hydraulic (see Notes 3 and 4)
Engine Flange	Special flange: See NOTE 1.
Hub Material	Aluminum Alloy
Blade Material	See below.
Number of Blades	Six
Hub Models	HD-E6C-3

Blades Eligible (See Note 2)	Maximum Continuous		Takeoff		Diameter Limits (See Note 2)	Approx. Max. Wt. Complete (For reference only) (See Notes 3 & 7)	Blade Construction
	HP	RPM	HP	RPM			
E13482	2180	1300	2180	1300	138"	250 lb.	Carbon-Epoxy Composite
E13890	2180	1300	2180	1300	142"	253 lb.	Carbon-Epoxy Composite

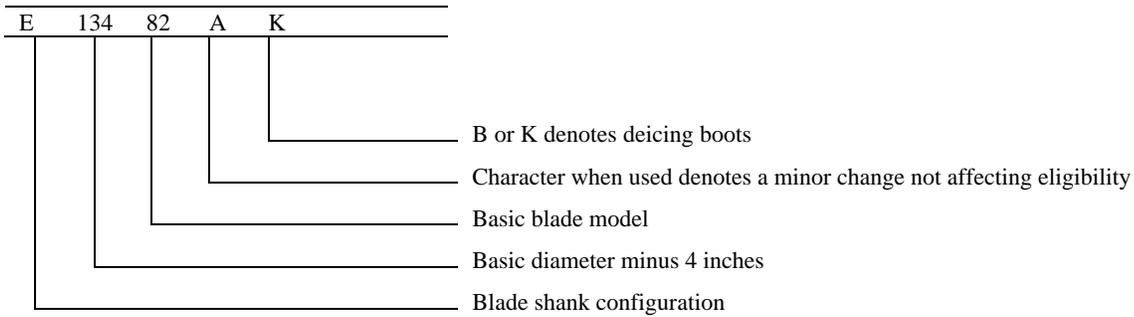
Certification Basis	FAR Part 35 effective August 18, 1989, with amendments 1 through 6 and Special Conditions No. SC-92-03-NE (Document No. 92-ANE-47) effective April 21, 1993. Type Certificate No. P34NE issued July 21, 1993. Date of application for Type Certificate: October 31, 1989.
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Production Basis:	Production Certificate No. 10
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Note 1. Hub Model Design.



Note 2. Blade Model Designation



Note 3. Pitch Control.

The propeller control system is specified as part of the approved propeller model. The weight of the control system is additional.

Note 4. (a) Feathering.

The -3 model is approved for installation as a reversing propeller with appropriate reversing controls.

(b) Reversing.

The -3 model is approved for installation as a reversing propeller with appropriate reversing controls.

Note 5. Left-Hand Models:

Not applicable.

Note 6. Interchangeability

Not applicable.

Note 7. Accessories.

(a) Propeller spinner (weight of spinner extra)

Spinner model specified on approved model parts list.

(b) Propeller deicing (weight of deicing equipment extra)

Electrical deicing system is specified on approved model parts list and installed in accordance with propeller manufacturer's instructions.

Note 8. Shank Fairings

Note 9. Special Limits

Airworthiness limitations, if any, are specified in Hartzell Maintenance Manuals 61-10-61 and 61-20-62.

Note 10. Special Notes

Propeller installation must be approved as part of the aircraft Type Certificate and demonstrate compliance with the applicable aircraft airworthiness requirements.

Note 11. Life Limited Parts

See NOTE 9.

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