

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

P11EA  
Revision 3  
McCauley  
2E34C  
  
July 23, 1984

TYPE CERTIFICATE DATA SHEET NO. P11EA

Propellers of models described herein conforming with this data sheet (which is part of type certificate no. P11EA) and other approved data on file with the Federal Aviation Administration meet the minimum standards for use in the certificated aircraft in accordance with pertinent aircraft 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                      McCauley Accessory Division  
Cessna Aircraft Company  
Vandalia, Ohio 45377

Type    Constant speed; hydraulic (see Note 3)  
Engine shaft                                        SAE No. 2 flange modified (six 7/16 in. mounting bolts)  
Hub material                                        Aluminum alloy  
Blade material                                      Aluminum alloy  
Number of blades                                 2  
Hub models eligible                              2E34C57

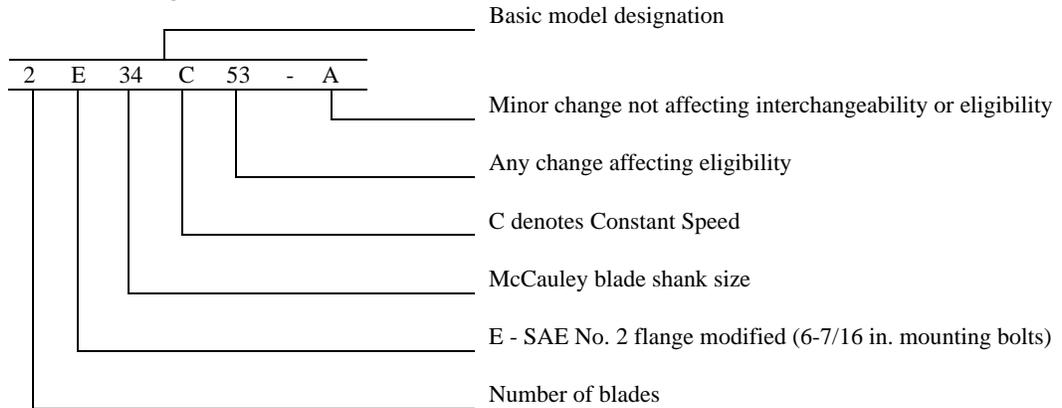
Blades Eligible (See Note 2)	Max. Continuous HP	RPM	Takeoff HP	RPM	Diameter Limits (see Note 2)	Approx. maximum weight complete (for reference only) (See Note 3)
74E-0 to 74E-4	160	2700	160	2700	74" - 70" (-0 to -4)	48 lbs.

Certification basis                                Civil Air Regulations Part 14 effective December 15, 1956.  
Type Certificate No. P11EA issued February 22, 1963, under Delegation Option  
Authorization of Part 410 of the Regulations of the Administrator.  
Date of application for Type Certificate February 22, 1963.

Production basis                                    Production Certificate No. 3

NOTE 1.

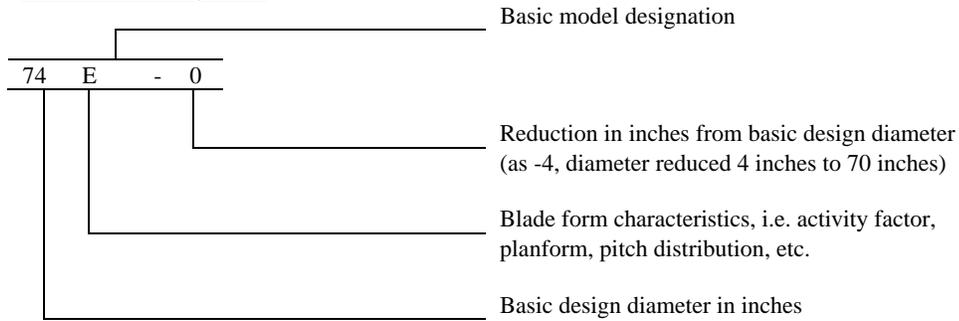
Hub Model Designation



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NOTE 2.

Blade Model Designation



NOTE 3.

Pitch controls. Eligible with the following governors:

Woodward Model x, 210, xxx	Wt. 3.5 lb.
Hoof Model 1,000,007 series	Wt. 3.5 lb.
McCauley Model C290D1/T(X)	Wt. 2.8 lb.
McCauley Model C290D2/T(X)	Wt. 2.8 lb.
McCauley Model C290D3/T(X)	Wt. 2.8 lb.
McCauley Model C290D4/T(X)	Wt. 2.8 lb.

NOTE 4.

Not applicable.

NOTE 5.

Left-Hand Models. The left-hand version of an approved model is eligible at the same rating and diameter limitations as listed for the right-hand model.

NOTE 6.

Not applicable.

NOTE 7.

Accessories.

(a) Spinners

- (1) Eligible with McCauley spinners; D-2808 Dome, D-3148 Bulkhead and Fillet Assembly, and D-2809 installation.

NOTE 8.

Not applicable.

NOTE 9.

Table of Propeller-Engine Combinations  
Approved Vibrationwise for Use on Single-Engine Tractor Aircraft

The maximum and minimum propeller diameters that can be used from a vibration standpoint are shown below. No reduction below the minimum diameter listed is permissible since this figure includes the diameter reduction allowable for repair purposes.

<u>Hub Model</u>	<u>Blade Model</u>	<u>Engine Model</u>	<u>Max. Dia. (Inches)</u>	<u>(Min. Dia. (Inches)</u>	<u>Placards</u>
2E34C57	74E	Lycoming O-320 series, (up to 160 hp @ 2700 rpm)	74	72.5	None

NOTE 10.

The word "eligible" as used herein does not signify approval. For approval, compliance with the applicable aircraft airworthiness requirements is required.

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