

TYPE CERTIFICATE DATA SHEET NO. P28NE

Propellers of models described herein conforming with this data sheet (which is part of Type Certificate No. P28NE) and other approved data on file with the Federal Aviation Administration, meet the minimum standards for use in 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	Sensenich Propeller Manufacturing Company, Inc. 14 Citation Lane Lititz, PA 17543
Type Material Number of Blades	Fixed-Pitch Metal Aluminum Alloy Two

Basic Model (See Note 2)	Takeoff & Max. Cont.		Diameter	Standard Pitch	Hub Drilling			Hub Dimensions		Weight (lb.) (Max. Dia.)
	HP	RPM			No. Holes	Dia. Holes	Dia. Bolt Circle	Dia.	Thick.	
70CM6	160	2600	70"	73"-84"	6	25/64"	4-3/4"	6"	3-	31*
70CM7	160	2600	70"	73"-84"	6	29/64"	4-3/4"	6"	3-	31*

Certification Basis FAR 35 Amendment 6 effective August 18, 1989, Type Certificate No. P28NE

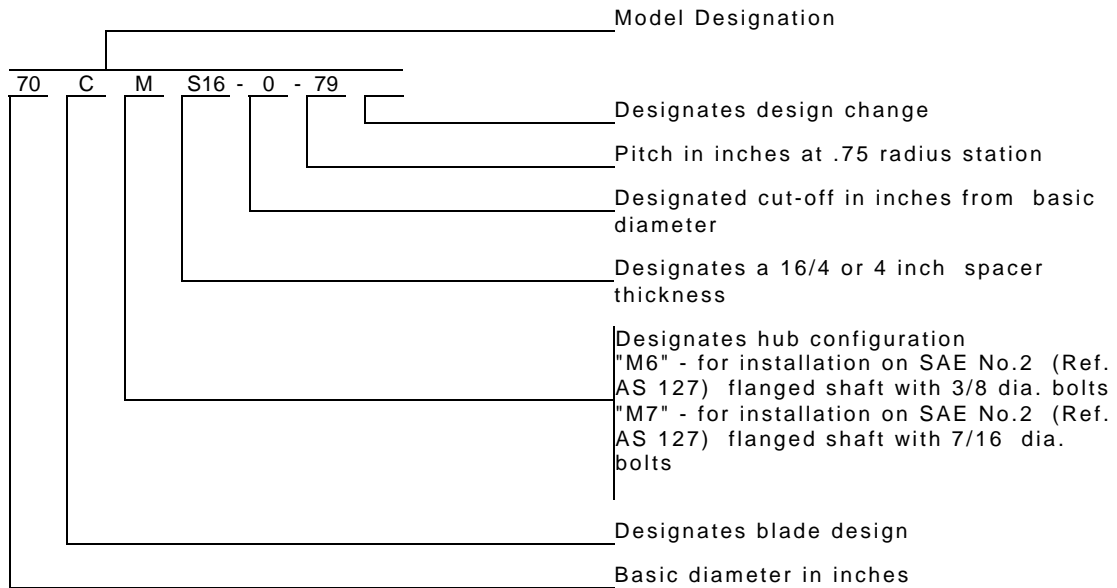
Production Basis Production Certificate No. 1NE

NOTE 1. Installation. These models are for installation on flanged propeller shaft ends (see NOTE 2). Installation is to be made with special steel bolts which are furnished or specified by the propeller manufacturer in accordance with the appropriate propeller assembly drawing. See NOTE 7 for spacer designations and NOTE 9 for approved spacer lengths.

a. Propeller Model 70CM6 and 70CM7 are installed on SAE No. 2 flanged shaft.

* Weight is 41 lbs with 4 inch spacer and attachment hardware installed.

NOTE 2. Model Designation.



NOTE 3, 4, 5, 6, and 8. Not applicable.

NOTE 7. Spacers. Sensenich spacer models are identified by flange codes (see NOTE 2) and spacer thickness designated based on multiples of 1/4 inch. See NOTE 9 for approved spacer lengths.

NOTE 9. Special Limits. Table of Propeller-Engine Combinations
Approved Vibrationwise for Use on Normal Category 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.

Propeller Model	Engine Model	Max. Dia. (Inches)	Min. Dia. (Inches)	Placards
70CM6, 70CM7 Spacers 0 to 4 inches incl.	Textron Lycoming 0-320 Series 160h.p. @ 2600r.p.m. or less.	70	68	No operation above 2600 r.p.m.

NOTE 10. Special Notes. The work "eligible" as used herein does not signify approval. For approval, compliance with the applicable aircraft airworthiness requirements is necessary.

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