

DEPARTMENT OF TRANSPORTATION  
 FEDERAL AVIATION ADMINISTRATION

P-904  
 Revision 10  
 SENSENICH  
 69C Series  
 72C Series  
 February 4, 1997

TYPE CERTIFICATE DATA SHEET NO. P904

Propellers of models described herein conforming with this data sheet (which is part of Type Certificate No. P904) 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   Fixed-Pitch Metal  
 Material                                     Aluminum Alloy  
 Number of Blades                         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.	
69CK	100	2750	69"	58"-42"	6	25/64"	4-3/8"	5-1/2"	3-3/16"	24.0
Deleted December 14, 1995, See NOTE 2										
72CK	130	2800	72"	62"-46"	6	25/64"	4-3/8"	5-1/2"	3-3/16"	24.8
72CC	130	2800	72"	62"-46"	6	33/64"	4.0"	5-1/2"	3-3/16"	25.0

Certification Basis                             Type Certificate No. 904

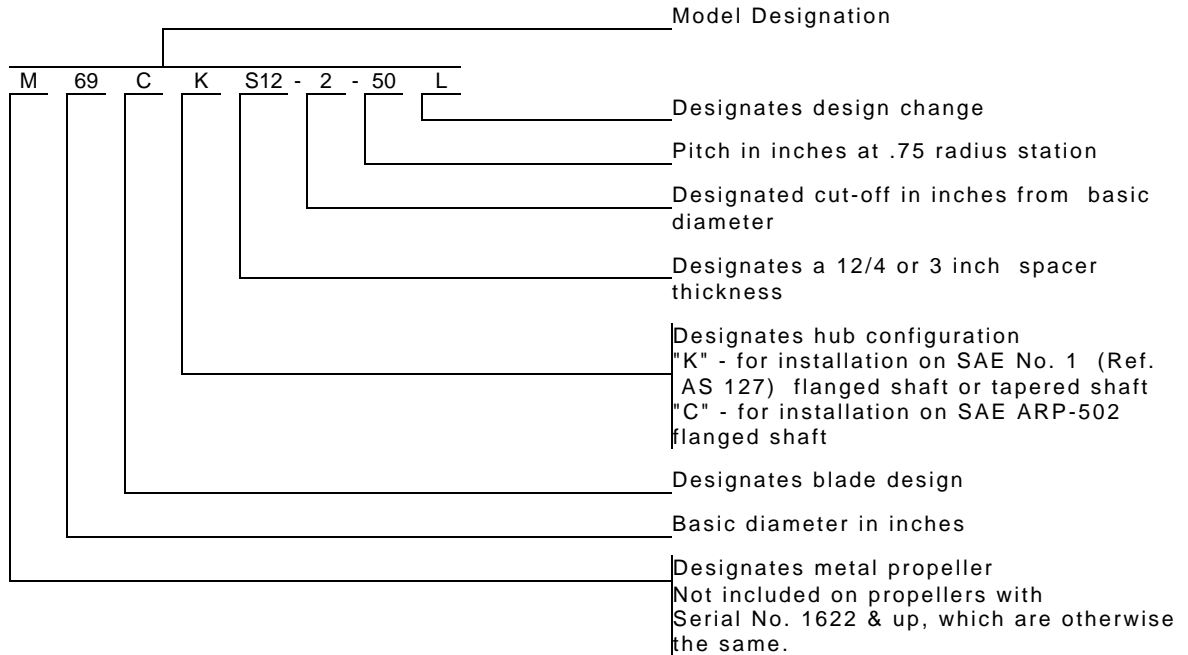
Production Basis                               Production Certificate No. 1NE

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 69CK and 72CK are installed on SAE No. 1 flanged shaft or tapered shaft.
- b.     Propeller Model 72CC is installed on SAE ARP-502 flanged shaft.

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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
69CK, Spacers 0 to 3.0 inches incl.	Continental O-200-A	69	67	None
72CK	Continental A65 Series	72	70	None
72CK	Continental C75 Series	72	70	None
72CK	Continental C85 Series	72	70	None
72CK	Continental C90 Series	72	70	None
72CC, Spacers 0 to 1.5 inches incl.	Franklin 4A-235-B	72	70	None
72CK, Spacers 0 to 3.0 inches incl.	Lycoming O-235 Series, 9.70 to 1 Compression Ratio or less, 125 h.p. @ 2800 r.p.m. or less	72	70	None

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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