DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

P904 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.

П 14 Citation Lane Lititz, PA 17543

Type Material Number of Blades Fixed-Pitch Metal Aluminum Alloy

Two

Basic Model	Takeoff &			Standard	Hub Drilling			Hub Dimensions		Weight
(See Note 2)	Max HP	. Cont. RPM	Diameter	Pitch	No. Holes	Dia. Holes	Dia. Bolt Circle	Dia.	Thick.	(lb.) (Max. Dia.)
69CK	100	2750	69"	58"-42"	6	25/64"	4-3/8"	5-1/2"	3-	24.0
Deleted Dece	ember	14, 1995	, See NOT	E 2						
72CK	130	2800	72"	62"-46"	6	25/64"	4-3/8"	5-1/2"	3-	24.8
72CC	130	2800	72"	62"-46"	6	33/64"	4.0"	5-1/2"	3-	25.0

Certification Basis

Type Certificate No. 904

Production Basis

Production Certificate No. 1NE

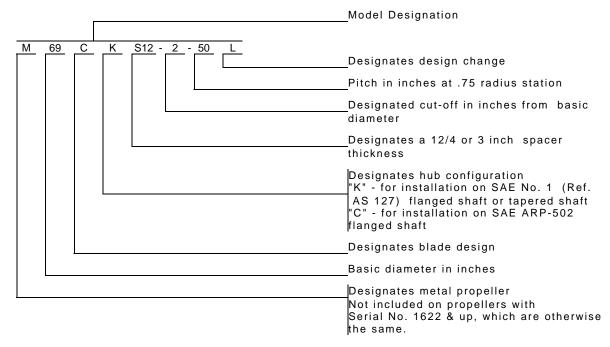
- NOTE 1. Installation. These models are for installation on flanged propeller shaft ends (see NOTE 2). Installation is to be made with special steel bolts which are furnished or specified by the propeller manufacturer in accordance with the appropriate propeller assembly drawing. See NOTE 7 for spacer 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.
 - 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. <u>Special Limits.</u> <u>Table of Propeller-Engine Combinations</u> <u>Approved Vibrationwise for Use on Normal Category Single-Engine Tractor Aircraft</u>

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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