

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

P-869  
Revision 11  
SENSENICH  
CS-3F  
  
April 13, 1970

TYPE CERTIFICATE DATA SHEET NO. P-869

Propellers of models described herein conforming with this data sheet (which is part of Type Certificate No. P-869) 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 Civil Air Regulations/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 Corporation Lancaster, Pennsylvania 17604
Type	Manually controllable, Hydraulic (see Note 3)
Engine shaft	SAE No. 2 flange, SAE No. 3 flange
Hub material	Steel
Blade material	Laminated birch, plastic covering outer 15" of blade, or plastic covering entire blade; Monel tipping; aluminum pigmented varnish.
Number of blades	Two
Hub models eligible	CS-3FM4, CS-3FR5 (see Note 1)

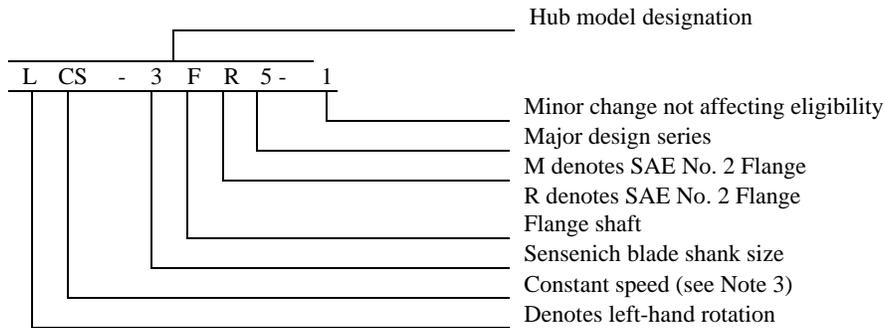
Blades Eligible (See Note 2)	Maximum Continuous		Takeoff		Diameter Limits	Hub and Blade Weight
	HP	RPM	HP	RPM	(See note 2)	Max. Dia.
C374A7-0 to C374A7-4	135	2600	135	2600	74" - 70" (-0 to -4)	34 lb.
C374E-0 to C374E-2	140	2800	140	2800	74" - 72" (-0 to -4)	34 lb.
C374L-0 to C374L-0	135	2600	140	2800	74" - 74" (-0 to -0)	34 lb.
C-376B3-0 to C-376B3-6	165	2800	165	2800	76" - 70" (-0 to -6)	37 lb.
C-376B4-0 to C-37B4-6	165	2800	165	2800	76" - 70" (-0 to -6)	37 lb.
C376E-0 to C376E-2	165	2800	165	2800	76" - 74" (-0 to -2)	37 lb.

Certification basis	Type Certificate No. P-869 dated July 30, 1948. Date of Application for Type Certificate May 13, 1948.
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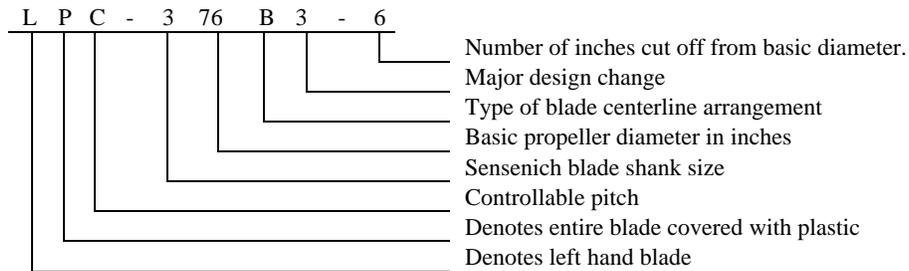
Production basis	Production Certificate No. 1
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NOTE 1. Hub Model Designation



NOTE 2. Blade Model Designation



NOTE 3. Pitch Control. (1) Eligible with Sensenich hydro-control valve Model L-2160 with propeller when installed on Lycoming O-235-C1 or O-290-D engine and Model F-2164 when installed on Franklin 6A4-165 engine. (Constant speed feature with governor, although approved, was never incorporated).

NOTE 4. (a) Feathering Not applicable.  
 (b) Reversing. Not applicable.

NOTE 5. Left-Hand Models. The left hand version of an approved model propeller is eligible at the same rating and diameter as listed for the right hand model. See NOTES 1 and 2.

NOTE 6. Interchangeable Blades. Varnished blades and plastic covered blades of the same basic model and diameter are interchangeable aerodynamically in pairs.

NOTE 7 & 8. Not applicable.

NOTE 9. Approved Installations. Intentionally left blank.

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

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