

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

P-861 Revision 6 SENSENICH CS-2F November 1, 1968

TYPE CERTIFICATE DATA SHEET NO. P-861

Propellers of models described herein conforming with this data sheet (which is part of Type Certificate No. P-861) 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.

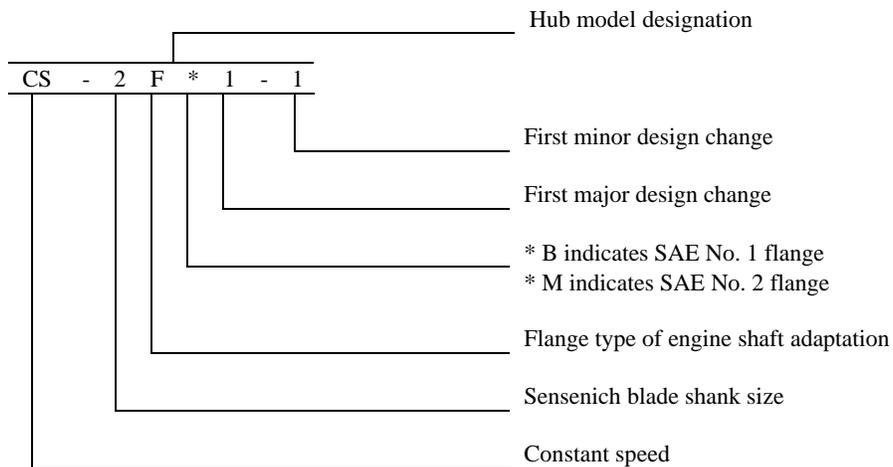
Type Certificate Holder	Sensenich Corporation Lancaster, Pennsylvania 17604
Type	Hydraulically controllable, two-position manual (see Note 3)
Hub material	Steel
Blade material	Vertical laminated birch with steel ferrule fastened to shank with leg screws. Plastic covered with metal tipping.
Number of blades	Two
Hub models eligible	CS-2FM4, CS-2FM5, CS-2FM6

Blades Eligible (See Note 2)	Maximum Continuous		Takeoff		Diameter Limits (See note 2)	Hub and Blade Weight Max. Dia.
	HP	RPM	HP	RPM		
PC-276A6-0 to PC-276A6-6	112	2665	115	2875	76" - 70" (-0 to -6)	27 lb.
PC-276A7-0 to PC-276A7-6	112	2665	115	2875	76" - 70" (-0 to -6)	27 lb.

Certification basis Type Certificate No. P-861 dated September 8, 1947
 Date of application for Type Certificate August 1, 1947.

Production basis Production Certificate No. 1

NOTE 1. Hub Model Designation

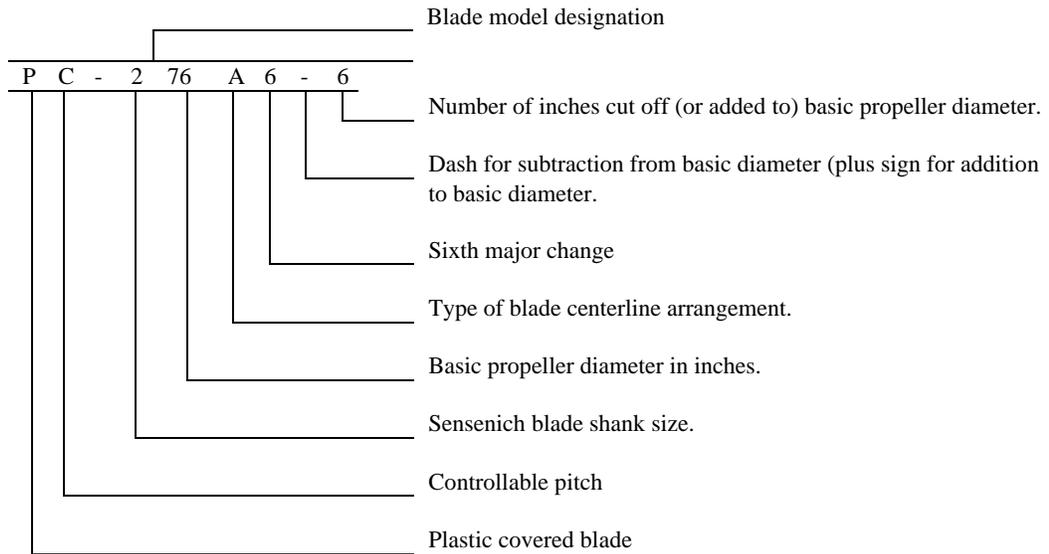


Hub details

Page No.	1	2
Rev. No.	6	6

Model	Bolt Circle Diameter	No. of Bolts	Bolt Hole Diameter	Bolt Diameter
CS-2FM4	4-3/4"	6	41/64"	5/8" (bushing)
CS-2FM5	4-3/4"	6	41/64"	5/8" (bushing)
CS-2FM6	4-3/4"	6	41/64"	5/8" (bushing)

NOTE 2. Blade Model Designation



- NOTE 3. Pitch Control
 (1) Eligible as manual two-position; or manual controllable with Sensenich Model L-2160 hydrocontrol valve.
 (2) For constant speed use only Woodward Governor Models X662-04 and X662-010, Weight 2.0 lb.

NOTE 4. Feathering Not applicable.

NOTE 5. Left-Hand Models. The letter "L" preceding the hub and blade designations indicates left-hand models which are eligible at the same rating and diameter limitations as listed for the right-hand models.

NOTE 6. Interchangeable Blades. All blade models contained in this data sheet are interchangeable, but only identical models can be paired in the same hub for reason of balance.

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.

...END....