MINISTÉRIO DA AERONÁUTICA
DEPARTAMENTO DE PESQUISAS E DESENVOLVIMENTO
CENTRO TÉCNICO AEROESPACIAL

EH-9104
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SENSENICH
69CK
SEPTEMBER 1991

TYPE CERTIFICATE DATA SHEET Nº EH-9104

Type Certificate Holder

SENSENICH CORPORATION
Lancaster, Pennsylvania 17604
USA

The propeller model described herein conforming with this data sheet which is part of Type Certificate nº 9104 prescribes conditions and limitations under which it meets the minimum standards for use in certificated aircraft in accordance with pertinent aircraft type certificate data sheets and airworthiness requirements of the apllicable RBHA regulations, provided they are installed, operated, and maintained as prescribed by the approved manufacturer's manuals and other approved instructions.

- **TYPE** Fixed - Pitch Metal
  Hub and blade material Aluminum Alloy
  Number of Blades Two

Basic Model (See NOTE 2)	Takeoff & Max. Cont. kw (hp) rad/s (rpm)	Diameter mm (in)	Standard Pitch mm (in)
69 CK	73,6 (100) 283 (2750)	1753 (69)	1473-1168 (58-46)

Hub drilling No. Holes	Dia. Holes mm(in)	Dia. Bolt circle mm(in)	Hub dimensions Dia.; mm (in)	thickness mm (in)	Weight N (lbf) (max.dia.)
6	10 (25/64)	111,3 (4 3/8)	149 (5 7/8)	81 (3 3/16)	107 (24)

- **CERTIFICATION BASIS** Certificated according to RBHA 21.29 and RBHA 35 equivalent to FAR Part 35, effective February 1, 1977 with amendments 35-1 through 35-4 thereto.

- **TYPE CERTIFICATE ISSUANCE DATE:** No. 9104 - Issued on: August 02, 1991.

- **DATE OF APPLICATION** April 04, 1991.

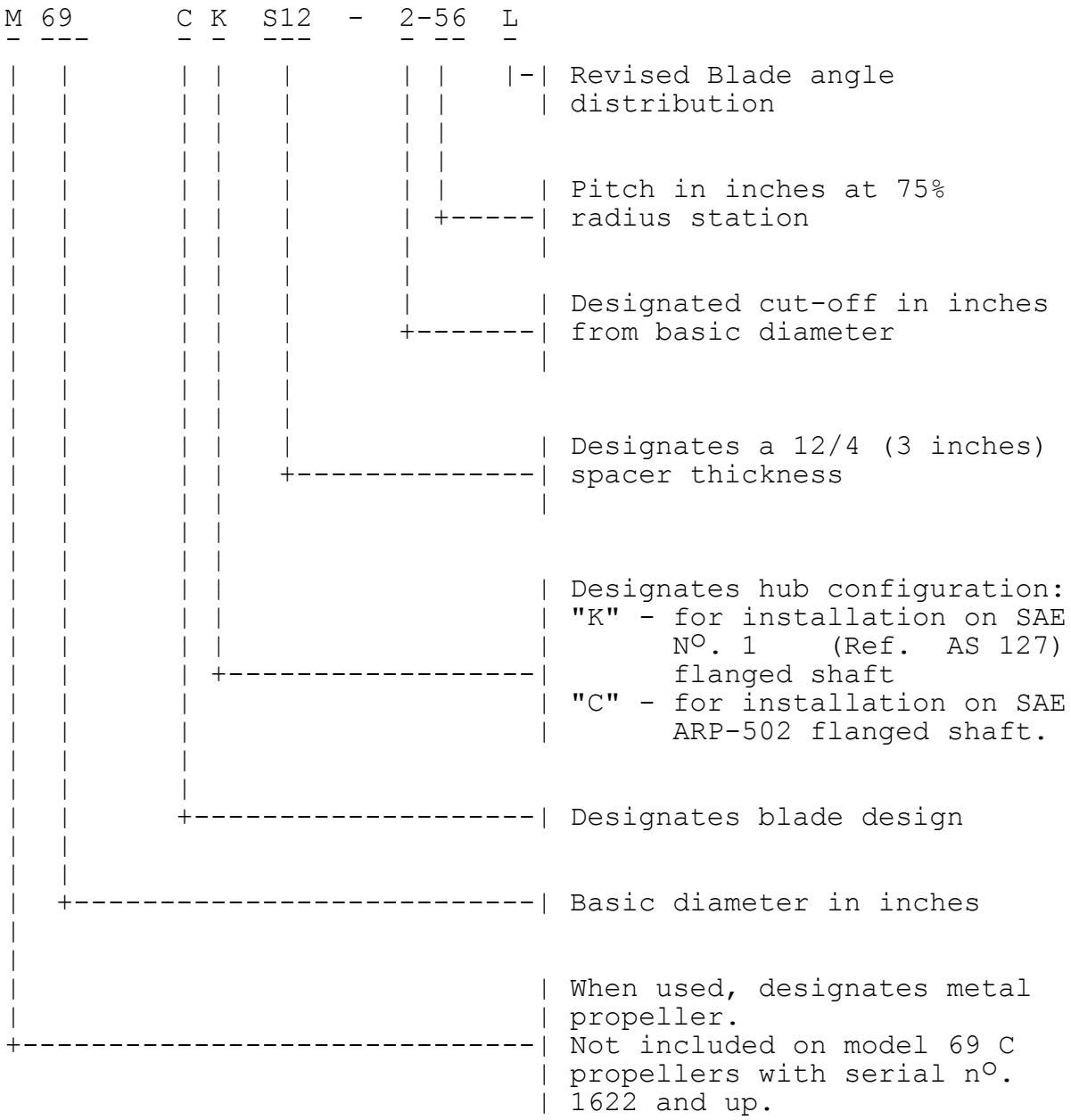
- **IMPORT REQUIREMENTS** Each propeller exported separately must be accompanied by an Airworthiness Certificate for Export issued by the Federal Aviation Administration attesting that the particular propeller was submitted to governmental quality control before delivery and is in conformity with the adopted certification basis.

NOTE 1 - PROPELLER INSTALLATION

This propeller model shall be installed on flanged propeller shaft ends (see NOTE 2).
The installation is to be made with special bolts which are furnished or specified by the propeller manufacturer in accordance with the appropriate propeller assembly drawing.

a. Propeller model 69 CK is installed on SAE No. 1 flanged shaft.

NOTE 2 - PROPELLER MODEL DESIGNATION



- **NOTE 3:** Not applicable.

- **NOTE 4 :** Not applicable.

- **NOTE 5 :** Not applicable.

- **NOTE 6 :** Not applicable.

- **NOTE 7 :** Accessories - Sensenich spacer models are identified by flange code (see Note 2) and spacer thickness designation based on multiples of 1/4 inch.

- **NOTE 8 :** Shank Fairings

Not applicable

- **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
69 CK	Continental O-200-A	69	67	None

- **NOTE 10 :** Special Notes

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

PAULO GASTÃO SILVA - Maj Eng
Chefe da Divisão de Homologação Aeronáutica

Maj Brig do Ar - SERGIO XAVIER FEROLLA
Diretor do CTA

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