

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

P17EA Revision 6 SENSENICH 80B Series February 4, 1997
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TYPE CERTIFICATE DATA SHEET NO. P17EA

Propellers of models described herein conforming with this data sheet (which is part of Type Certificate No. P17EA) 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

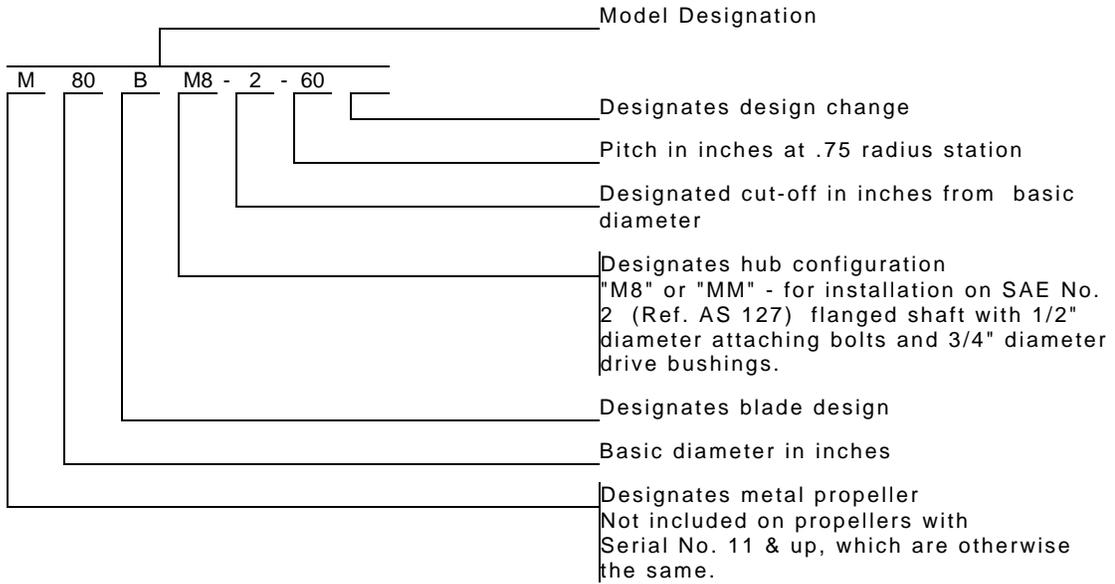
Basic Model (See Note 2)	Takeoff & Max. Cont.		Diameter	Standard Pitch	Hub Drilling			Hub Dimensions		Weight (lb.) (Max. Dia.)
	HP	RPM			No. Holes	Dia. Holes	Dia. Bolt Circle	Dia.	Thick.	
80BM8	235	2575	80"	76"-64"	6	33/64"	4-3/4"	6	4-3/4"	38.5
Deleted December 14, 1995, See Note 2										

Certification Basis	CAR 14 as amended to May 3, 1962 Type Certificate No. P17EA issued July 2, 1964 Date of application for Type Certificate May 1, 1964
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Production Basis	Production Certificate No. 1NE
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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.

NOTE 2. Model Designation.



NOTE 3, 4, 5, 6, 7, and 8. 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
80BM8	Lycoming O-540-B4B5 235 h.p. @ 2575 r.p.m. or less.	80	78	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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