

中 国 民 用 航 空 总 局
GENERAL ADMINISTRATION OF CIVIL AVIATION OF CHINA

编号/No.: VTC 168P
修订/Rev.:
型号/Type: 76EM
批准人/Approved by: 周凯旋
日期/Date: 2005-06-24

型号认可证数据单编号: VTC168P
Validation Type Certificate Data Sheet No. VTC168P

本数据单, 作为型号认可证编号: VTC168P 的一部分, 规定了一些条件和限制, 在此条件和限制下, 获得本型号认可证的产品满足下述“认可审定基础”段落给出的适航要求。

This data sheet which is a part of Validation Type Certificate No. VTC168P prescribes conditions and limitations under which the product for which the Validation Type Certificate was issued meets the airworthiness requirements indicated in the paragraph "Validation Basis".

美国联邦航空局型号合格证 No.P4EA、数据单第 10 版, 批准日期: 2004 年 1 月 13 日,

CAAC 型号认可证 VTC168P, 颁发日期: 2005 年 6 月 24 日。

Type Certificate No.P4EA, Data Sheet Issue 10, Approved by FAA on Jan. 13, 2004

CAAC Validated Type Certificate Datasheet No. VTC168P, date of issue: June 24, 2005.

Type Certificate Holder: Sensenich Propeller Manufacturing Company, Inc.

14 Citation Lane

Lititz, PA 17543

型号合格证持有人:

Sensenich Propeller Manufacturing Company, Inc.

14 Citation Lane

Lititz, PA 17543

Type:

Fixed-Pitch Metal

型式:

金属固定桨距

Material:

Aluminum Alloy

材料:

铝合金

Number of Blades:

Two

桨叶数:

2

Basic Model (See Note 2) 基本型别 见注 2	Takeoff & Max. Cont. 起飞和最大 连续		Diameter 直径	Standard Pitch 标准桨距	Hub Drilling			Hub Dimensions		Weight (lb.) (Max. Dia.) 最大直径 时的重量
	HP	RPM			No Holes 孔数	Dia. Holes 孔径	Dia. Bolt Circle 圆型安 装栓直 径	Dia. 桨毂 直径	Thick. 桨毂 厚度	
76EM	180	2700	76"	68"-52"	6	33/64"	4-3/4"	6"	3-9/16"	34.5

FAA Certification Basis: CAR 14 as amended to December 15, 1956

FAA 审定基础: 1956 年 12 月 15 日修订的 CAR14,

CAAC Validation Certification Basis
CAAC 认可审定基础

CAAC accepts TCCA certification basis as validation basis for this validation program
CAAC 接受 TCCA 的审定基础为认可审定基础

Production Basis: Production Certificate No. 1NE

生产审定基础: 生产许可证 1NE

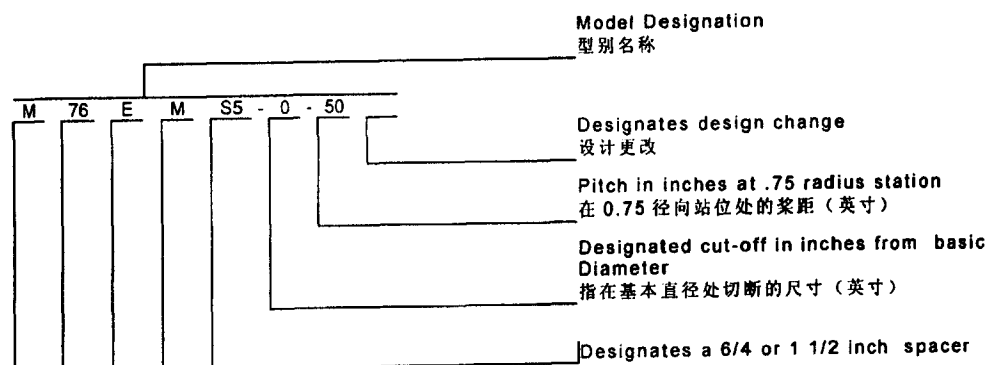
NOTE 1. Installation. These models are for installation on flanged propeller shaft ends (see NOTE 2). Installation is to be made with special steel bolts which are furnished or specified by the propeller manufacturer in accordance with the appropriate propeller assembly drawing. See NOTE 7 for spacer designations and NOTE 9 for approved spacer lengths.

注 1: 安装: 该型桨安装在发动机桨轴端法兰盘上(见注 2), 安装装置由螺旋桨制造厂按照相关组装图提供或规定的特殊钢栓组成。垫片名称见注 7, 批准的垫片长度见注 9。

- a. Propeller Model 76EM8 is installed on SAE No. 2 flanged shaft with 1/2 inch diameter attaching bolt and 3/4 inch diameter drive bushings.
- a. 76EM 桨安装在 SAE 2 号法兰轴上, 该轴具有 1/2 英寸安装螺栓和 3/4 英寸驱动轴衬。

NOTE 2. Model Designation.

注 2: 型别名称



		thickness. "S" when used with "MM" hub configuration shown below, "MMS", is equivalent to S5 spacer. 指 6/4 或 1 1/2 英寸垫片的厚度。"S"指下示的"MM"桨毂构型,"MMS"是 S5 垫片。
		Designates hub configuration "M8" or "MM" - for installation on SAE No. 2 (Ref. AS 127) flanged shaft with 1/2" diameter attaching bolts and 3/4" diameter drive bushings. 指桨毂构型 "M8"或"MM" - 安装在 SAE 2 号法兰轴上 (参见 AS 127), 该轴具有 1/2 英寸安装螺栓和 3/4 英寸驱动轴衬。
		Designates blade design 叶片设计
		Basic diameter in inches 基本直径 (英寸)
		Designates metal propeller Not included on propellers with Serial No. 5805 & up, which are otherwise the same. 指金属桨 不包括系列号 5805 及以上的桨

NOTE 3, 4, 5, 6, and 8. Not applicable.

注 3、4、5、6 和 8: 不适用

NOTE 7. Accessories:

注 7: 附件

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.

垫片: Sensenich 垫片型别由法兰盘编号标示 (见注 2), 垫片厚度为 1/4 英寸的倍数。批准的垫片长度见注 9

NOTE 9. Special Limits. Table of Propeller-Engine Combinations
Approved Vibrationwise for Use on Normal Category Single-Engine
Tractor Aircraft

注 9: 特殊限制 螺旋桨-发动机组合表
批准用于正常类单发拉进式飞机的振动方式

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.

从振动考虑的最大和最小螺旋桨直径如下表。不允许减少直径比下表最小直径还小, 因为所示直径减少是用于修理目的的。

Propeller Model 螺旋桨型别	Engine Model 发动机型别	Max. Dia. (Inches) 最大直径 (英寸)	Min. Dia. (Inches) 最小直径 (英寸)	Placards 布告
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76EM, Spacers 0 to 4.0 inches, incl. 76EM, 包括垫片 0 到 4.0 英寸	Lycoming O-360 Series with Hollow Crankshafts (Excludes engines with suffixes having a digit "4" or higher in the second position.) 180 h.p. and 2700 r.p.m. Lycoming O-360 系列, 带空 心曲轴。(不包括第二位后缀为 4 或更高的发动机) 180 马力和 2700RPM	76	76	Avoid continuous operation between 2150 and 2350 r.p.m.
76EM, Spacers 0 to 4.0 inches, incl. 包括垫片 0 到 4.0 英寸	Lycoming O-360 Series with Solid Crankshafts (Engines with suffixes having a digit "4" or higher in the second position.) 180 h.p. and 2700 r.p.m. Lycoming O-360 系列, 带实 心曲轴。(不包括第二位后缀为 4 或更高的发动机) 180 马力和 2700RPM	76	76	避免在 2150 和 2350rpm 之间连 续运转
				None
				无

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.

注 10: 专门注释: 这里用到的“合格”不是指批准。要获得批准, 必须要符合飞机适航要求。

结束

-END -