

型号认可证数据单
TYPE VALIDATION CERTIFICATE DATA SHEET

编号/No: VTC168P

版次/Revision: 1

型号/Type:

76EM8, 76EC

批准人/Approved By:

徐超群

职务/Title: Director General of CAAC-AAD

日期/Date: 2019-04-19

本数据单是型号认可证(编号: VTC168P)的组成部分,它规定了符合中国民用航空局的适航要求所颁发此型号认可证的产品状态和限制。

This data sheet, which is part of Validation of Type Certificate (No: VTC168P), prescribes condition and limitation under which the product for which the type certificate was issued meets the airworthiness requirements of the Chinese Civil Aviation Regulation.

型号认可证持有人/Validation of Type Certificate Holder:

Sensenich Propeller Manufacturing Company, Inc.

14 Citation Lane, Lititz, PA 17543

USA

有效页清单/ List of Effective Page:

页数/ Pages	1	2	3	4	5	6										
版次/Revision	1	1	1	1	1	1										

第1部分 概述

SECTION 1 GENERAL

1. CAAC认可数据单和型号合格证数据单/CAAC Validation Data Sheet and Type Certificate Data Sheet

	中国民用航空局认可数据单号、版次和颁发日期 CAAC Validation Data Sheet Number, Revision and issuance date	型号合格证数据单号、版次和颁发日期 Type Certificate Data Sheet Number, Revision and issuance date
当前 Current	VTC168P, 版次1, 2019年4月19日 VTC168P, Revision 1, April 19, 2019	No.P4EA, 版次12, 2019年2月15日 No.P4EA, Revision 12, February 15, 2019
历史 History	VTC168P, 版次: 0, 颁发日期: 2005年6月24日; VTC168P, Revision 0, June 24 2005	No.P4EA, 版次10, 2004年1月13日 No.P4EA, Revision 10, January 13, 2004

2. 类别/Category: 螺旋桨/Propeller
3. 型式/Type 金属固定桨距/Fixed-Pitch Metal
4. 材料/Material 铝合金/Aluminium Alloy
5. 桨叶数/Number of Blades 2/Two
6. 认可当局/Validation Authority: 中国民用航空局/CAAC
审定当局/Certifying Authority: 美国联邦航空局/FAA
7. 型号合格证持有人/Type Certificate Holder: Sensenich Propeller Manufacturing Company, Inc.
地址/Address 14 Citation Lane, Lititz, PA 17543
USA

第2部分 数据单

SECTION 2 DATA SHEET

I. 审定基础/Certification Basis

1. FAA审定基础/FAA Certification Basis:

1956年12月15日修订的CAR 14

CAR 14 as amended to December 15 1956

2. CAAC认可审定基础/CAAC Validation Certification Basis:

CAAC接受FAA的审定基础为认可审定基础

CAAC accept FAA certification basis as validation basis

3. 生产审定基础/Production Basis:

生产许可证 1NE/Production Certificate No.1NE

II. 技术特性/Technical Characteristics

基本型别 (见注 2)/Basic Model (See Note 2)	起飞和最大 连续/Take off & Max.Cont.		直径 /Diameter	标准桨距 /Standard Pitch	桨毂孔/Hub Drilling			桨毂尺寸/Hub Dimensions		最大直径时 的重量 /Weight(lb) (Max.Dia.)
	HP	RPM			孔数 /No Holes	孔径 /Dia. Holes	圆形螺栓 直径 /Dia..Bolt Circle	直 径 /Dia .	厚度 /Thick	
76EM8	180	2700	76"	68" -52"	6	33/64"	4-3/4"	6"	3-9/16"	34.5
76EC	210	2800	76"	68" -52"	6	33/64"	4"	6"	3-9/16"	34.5

III. 注释/Notes

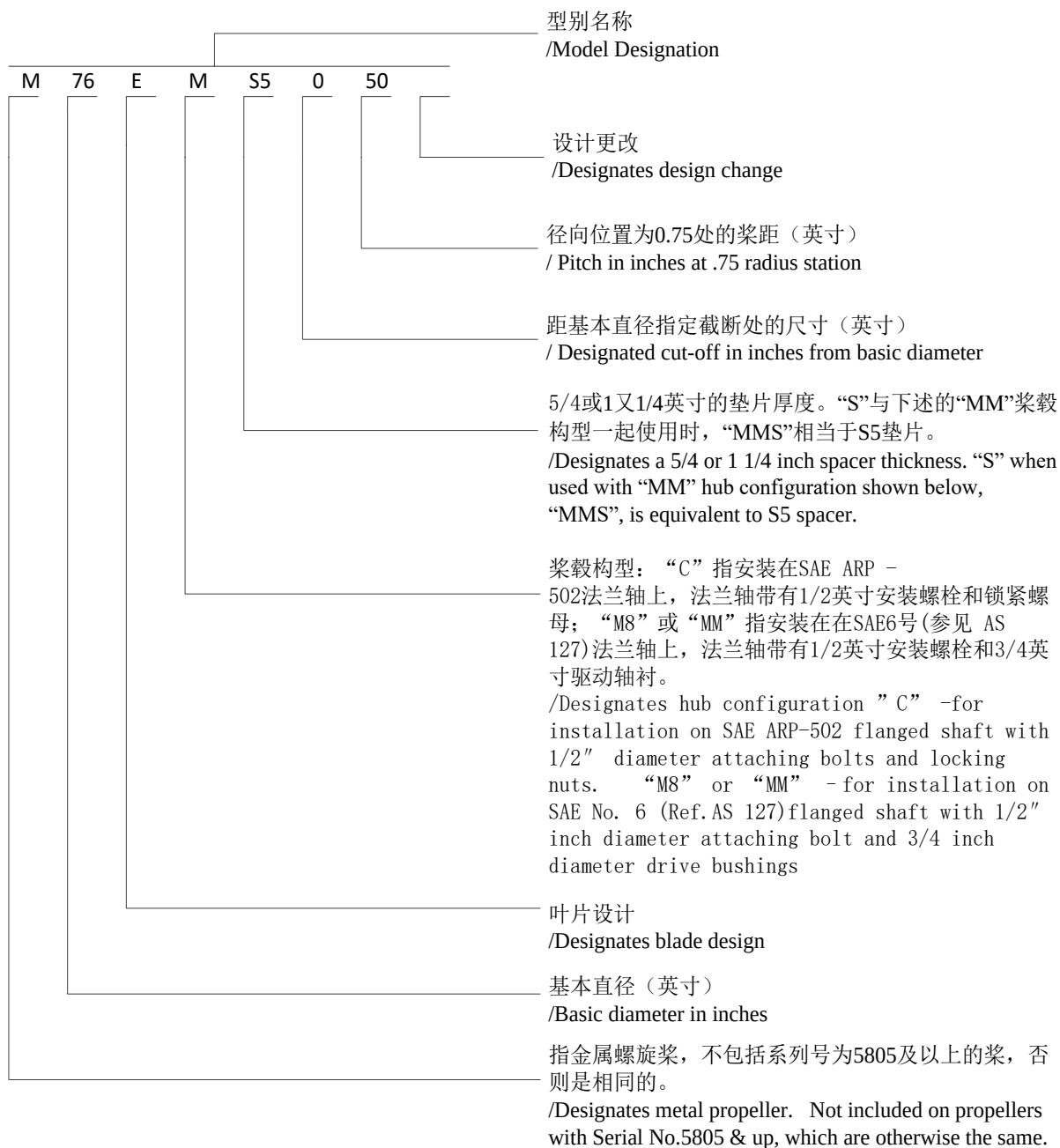
1. 安装: 该型桨安装在发动机桨轴端法兰盘上(见注2), 安装装置由螺旋桨制造厂按照相关组装图提供或规定的特殊钢螺栓组成。垫片名称见注7, 批准的垫片长度见注9。

Installation. These model 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.

- a. 76EM8桨安装在SAE 6号法兰轴上, 法兰轴带有1/2英寸连接螺栓和3/4英寸驱动轴衬。/Propeller Model 76EM8 is installed on SAE No.6 flanged shaft with 1/2 inch diameter attaching bolt and 3/4 inch diameter drive bushings.
- b. 76EC桨安装在SAE ARP-502法兰轴上, 法兰轴带有1/2英寸连接螺栓和锁紧螺母。

/Propeller Model 76EC is installed on SAE ARP-502 flanged shaft with 1/2 inch diameter attaching bolt and locking nuts.

2. 型别名称/Model Designation



注3、4、5、6和8, 不适用。 /Note3、4、5、6 and 8, Not applicable.

7. 附件/Accessories

垫片: Sensenich 垫片型别由法兰盘编号标识（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。

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.

毂盖: 下列毂盖零件经批准用于76EC型螺旋桨。

Spinners: The following spinner parts are approved for use with propeller model 76EC:

<u>Sensenich 图号/Sensenich Dwg No.</u>	<u>描述/Description</u>
C-2347	毂盖圆顶/Spinner Dome
C-2391	后隔板/Rear Bulkhead
C-2392	前隔板/Front Bulkhead

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航空器的振动方式

Special Limits Table of Propeller-Engine Combinations

Approved Vibrationwise for Use on Normal Category Single-Engine Tractor Aircraft

从振动考虑的最大和最小螺旋桨直径如下表。由于包括了用于维修时允许的直径减小值，因此不允许小于下列最小直径。

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.

螺旋桨型别 /Propeller Model	发动机型别/Engine Model	最大直径(英 寸) /Max. Dia. (Inches)	最小直径(英 寸) /Min. Dia. (Inches)	布告/Placards
76EM8, 包括垫片0到4英寸 /76EM8, Spacer 0 to 4.0 inches,incl.	Lycoming O-360/IO-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 ./ Lycoming O-360/IO-360 Series with Hollow Crankshafts(Excludes engines with suffixes having a digit " 4 " or higher in second position) 180 h.p. and 2700r.p.m.	76	76	避免在2150至2350rpm之间连续运行/Avoid continuous operation between 2150 and 2350 r.p.m.
76EM8, 包括垫片0到4英寸 /76EM8, Spacer 0 to 4.0 inches,incl.	Lycoming O-360/IO-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	无/None

	/ Lycoming O-360/IO-360 Series with Solid Crankshafts(Excludes engines with suffixes having a digit " 4" or higher in second position) 180 h.p. and 2700r.p.m			
76EM8, 包括垫片0到4英寸 /76EM8, Spacer 0 to 4.0 inches,incl.	Superior Vantage O-360/IO-360系列, 带 空心曲轴, 180 马力. 和2700rpm /Superior Vantage O-360/IO-360 Series with Hollow Crankshafts 180 h.p. and 2700r.p.m	76	76	避免在2150至2350rpm之间连续运行/Avoid continuous operation between 2150 and 2350 r.p.m
76EC, 包括垫片0到4英寸 /76EC, Spacer 0 to 4.0 inches,incl.	Continental IO-360-ES 系列发动机, 210 马 力.和2800rpm. /Continental IO-360-ES Series engines 210 h.p. and 2800r.p.m	76	74	避免在2100rpm以上连续静态运行/Avoid continuous static operation above 2100 r.p.m.

10. 专门注释

此处用到的“合格”一词不是指批准。要获得批准，必须符合适用的航空器适航要求。

Special Notes

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

结束

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