

型号认可证数据单 THE VALIDATION DATA SHEET

编号/No.: VTC*****
 版次/Revision: 24
 型号/Type:

 1A170/JHA

 批准人/Approved by:

 日期/Date:

本数据单是型号认可证（编号 VTC*****）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 a part of Validation Type Certificate (No:VTC*****), prescribes conditions and limitations 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:

McCauley螺旋桨公司
 McCauley Propeller Systems
 7751 East Pawnee
 Wichita, KS 67207

有效页清单/List of effective pages :

页数/ Pages	1	2	3	4	5	6	7	8							
版次/Revision	0	0	0	0	0	0	0	0							
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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		FAA TCDS No. P-857, Revision 22, March 27, 1998
历史 History		

2. 类别/Category: 螺旋桨/Propeller
3. 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
4. 型号合格证持有人/Type Certificate Holder: McCauley Propeller Systems
3535 McCauley Drive
Vandalia, Ohio 45377
Piqua, OH 45356 U.S.A
5. 制造厂/Manufacturer: McCauley Propeller Systems
6. ETOPS: 不适用/NA
7. CAAC 专用要求/Special Requirements: 无/NONE

第2部分

SECTION 2

类型/Type	定距金属/Fixed pitch metal
	Constant speed; hydraulic (see Notes 3)
材料/Material	铝合金/Aluminum Alloy
桨叶数量/No. of blades	2片/Two

型号 (见注2) Model (see Note 2)	起飞和 最大连续/ Takeoff & Max. Cont.		直径 Dia.	标准桨距 Standard Pitch	桨毂安装孔/Hub Drilling			桨毂尺寸/ Hub Dimensions		重量(磅) (最大直径/ Weight (lb.) (Max. Dia.)
	HP	RPM			数量 No. Holes	直径 Dia. Holes	所在圆周直径 Dia. Bolt Circle	直径 Dia.	厚度 Thick.	
1A170/JHA	130	2800	78"-70"	80"-40"	6	33/64"	4-3/4"	6-1/4"	4-15/16"	40.75

审定基础/Certification basis

1947 年 4 月 23 日根据 14 CFR 21 部 J 分部的 DOA 规定颁发型号合格证 P857。

Type Certificate No. 857 issued April 23, 1947. Model 1A170/JHA was under Delegation Option Authorization Provisions of Part 21, Subpart J.

型号 1A170/JHA:

按照 14 CFR 35 部第 1 到 6 进行型号合格审定。型号合格证申请日期是 1947 年 1 月 27 日。

Models 1A170/JHA:

14 Code of Federal Regulation Part 35 with Amendments 35-1 through 35-6 thereto. Date of application for Type Certificate, January 27, 1947.

CAAC 认可审定基础/CAAC VALIDATION BASIS:

接受 FAA 的审定基础作为认可审定基础。

Accept FAA certification basis as validation basis.

生产基础/Production basis

生产合格证 No. 3

Production Certificate No. 3

注1/NOTE 1

安装/Installation

所有螺旋桨均安装在螺旋桨轴端的法兰上（参见注2），不使用发动机制造厂提供的前安装盘。安装用的特殊合金钢螺栓需由指定的螺旋桨制造公司制造。

These propellers are for installation on flanged propeller shaft ends (see Note 2). The front plate

supplied by the engine manufacturer is not to be used. Installation is to be made with special alloy steel bolts which are either furnished or specified by the propeller manufacturer.

1A170/JHA型螺旋桨由6个1/2英寸螺栓和P/N C-5464垫圈安装在修改的2号法兰上，必须按照图纸C-5464进行安装。

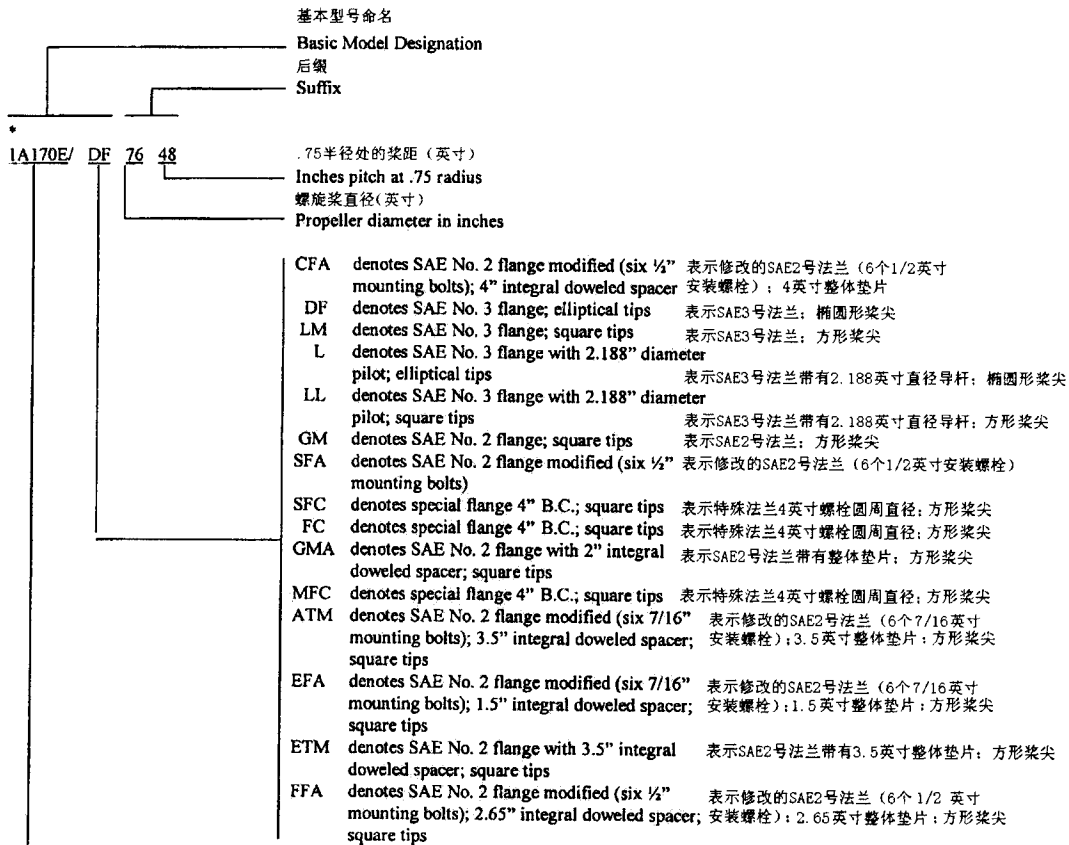
Models 1A170/JHA is for use on modified SAE #2 flanged propeller shaft with McCauley P/N C-5464 spacer and must be installed in accordance with McCauley Drawing C-5464.

注2/NOTE 2

螺旋桨型号命名/Propeller Model Designation

螺旋桨型号名称是在基本型数字上加入一系列表征螺旋桨直径和.75半径处的几何桨距数字组成的。

The propeller model designation consists of a series of numbers suffixed to the basic design number to indicate propeller diameter and geometric pitch at the .75 radius.



基本设计参数：“E”代表小改，它表示椭圆形叶尖，这种小改不影响螺旋桨是否合格性以及互换性。
Basic design number: “E” when present is a minor change letter that indicates elliptical tips and does not effect interchangeability or eligibility.

* 某些螺旋桨型号名称在其基本型号参数后加入连字符（如1A170-DF7648）

* Some propellers of these models may have been marked with a hyphen following the basic design number in lieu of a diagonal line (i.e. 1A170-DF7648)

注3, 4, 5/NOTE 3, 4, 5:
不适用/Not applicable.

注6/NOTE 6:
可互换螺旋桨/Interchangeable Propellers.

具有相同的方形或椭圆形叶尖基本设计参数的螺旋桨, 其空气动力特性和振动特征均非常相似, 因此允许在不经飞行试验测试的情况下, 同样直径和相同地面转速的螺旋桨之间可以进行互换。

Propellers of the same basic design number with square or elliptical tips are sufficiently similar aerodynamically and vibration wise to permit interchangeability in the same diameter and static r.p.m. without a flight test.

注7/NOTE 7:
不适用/Not applicable.

注8/NOTE 8:
不适用/Not applicable.

注9/NOTE 9:
不适用/Not applicable.

注10/NOTE 10:
特别说明/Special Notes.

本文中使用的“合格”一字并不代表“批准”, 如得到批准必须要符合适用的飞机适航规定要求。

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

结束
END