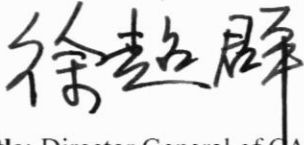


型号认可证数据单
THE VALIDATION DATA SHEET

编号/No.: VTC0345P
版次/Revision: 0
型号/Type:

H01

批准人/Approved by: Xu Chaoqun


职务/Title: Director General of CAAC-AAD
日期/Date: 2018-3-30

本数据单是型号认可证（编号：VTC0345P）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的产品的状态和限制。

This data sheet, which is part of Validation of Type Certificate (No: VTC0345P) , 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:

Hartzell Propeller Inc.
One Propeller Place, Piqua, OH 45356, U.S.A

有效页清单/List of effective pages:

页数/Pages	1	2	3	4	5	6								
版次/Revision	0	0	0	0	0	0								

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	VTC0345P, 版次0, 2018年3月30日 VTC0345P, Revision 0, March 30, 2018	P00017CH, 版次0, 2016年7月1日 P00017CH, Revision 0, July 1, 2016

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: Hartzell Propeller Inc.
One Propeller Place, Piqua, OH 45356, U.S.A
5. 双发延程飞行/ETOPS: 不适用/NA
6. CAAC 专用要求/CAAC Special Requirements: 无/None

第2部分 数据单

SECTION 2 DATA SHEET

类型/Type: 固定桨距金属/Fixed Pitch Metal

材料/Material: 铝合金/Aluminum Alloy

桨叶数/Number of Blades: 2/Two

基本型别 (见注 2) Basic Model (see Note 2)	起飞和最大连续 Takeoff & Max. Cont.		直径限制 (见注 2) Diameter Limits (see Note 2)	标准桨距 Standard Pitch	桨毂孔 Hub Drilling			定位孔 直径 Dia. Pilot Hole	桨毂尺寸 Hub Dimensions		相对于最大直径重量 (仅供参考)(见注 7) Weight @ max dia. (Ref Only)(See Note 7)
	马力 HP	转速 RPM			孔数 No. Holes	孔直径 Dia. Holes	螺栓圆周直径 Dia. Bolt Circle		直径 Dia.	厚度 Thk	
H01-77()R	180	2700	77" to 67" (-0 to -10)	49"-60"	6	17/32"	4 3/4"	2.25	6"	3.44	34.7 lb.

审定基础: 2009 年 8 月 31 日之后增加的型别按照 14CFR183 部 D 分部 ODA 程序进行批准
Certification Basis: Models added after August 31, 2009 are approved in accordance with Organization Designation Authorization procedures of 14 CFR Part 183 Subpart D.

下列型别符合 2013 年 7 月 26 日生效的 14 CFR 35 部第 35-1 至 35-9A 修正案:
Models listed below are in accordance with 14 CFR Part 35 with amendments 35-1 through 35-9A effective July 26, 2013:

H01

生产基础: 生产许可证 10
Production Basis: Production Certificate no.10

注 1/NOTE 1

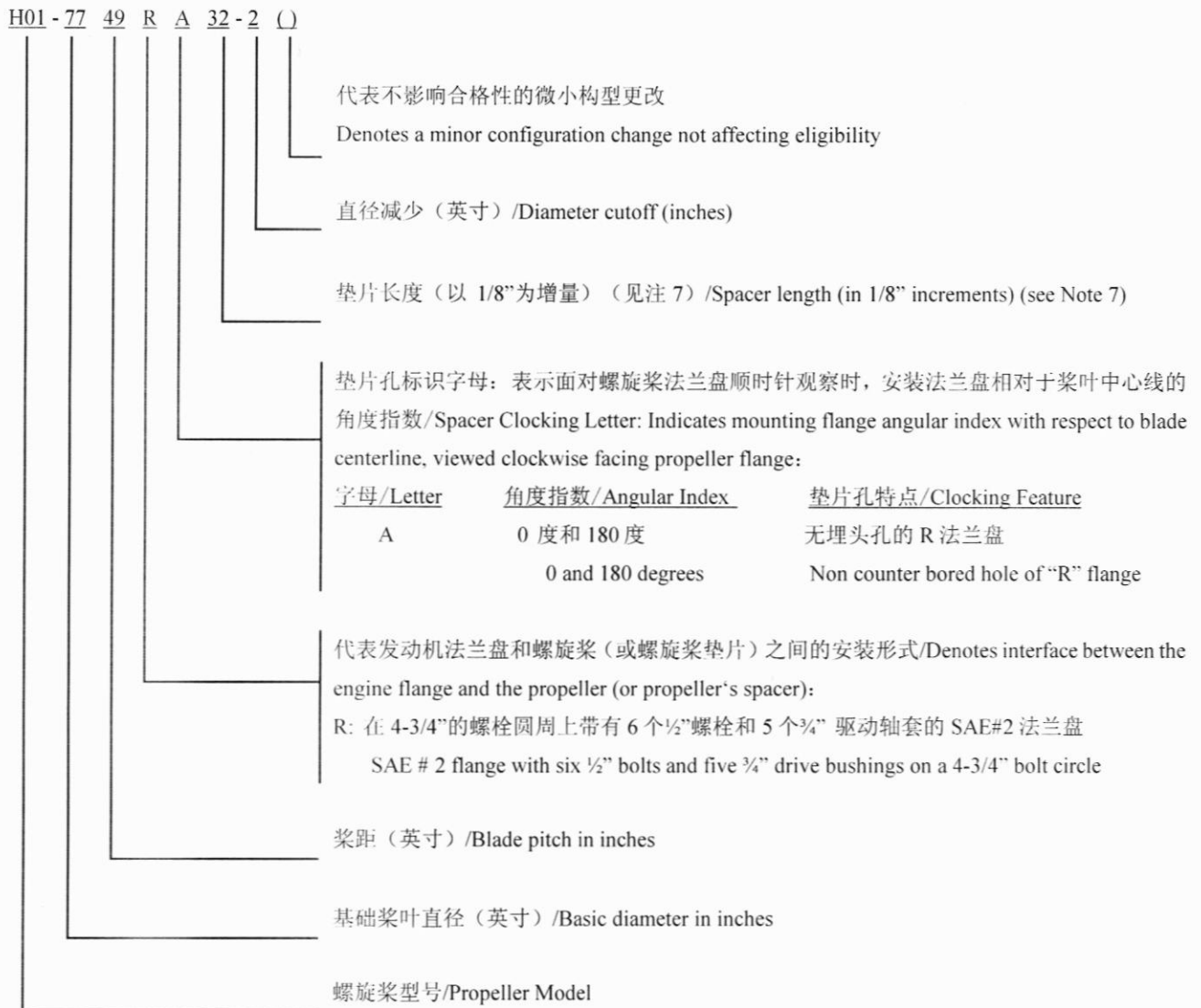
安装/Installation

这些型号安装在带法兰边的螺旋桨轴端(见注2)。按照适当的螺旋桨组装图纸,使用螺旋桨厂家规定的特殊钢螺栓安装。垫片的命名见注7,批准的垫片长度见注9。

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 2/NOTE 2

型别命名/Model Designation



注 3、4、5、6
NOTE 3, 4, 5, 6.

不适用/Not applicable.

注 7/NOTE 7

附件/Accessories

(a) 螺旋桨整流罩 (桨帽附加的重量) /Propeller spinner. (weight of spinner extra)

(1) 与列于Hartzell型号设计资料上的Hartzell和其他厂家的整流罩一同批准

Approved with Hartzell and other manufacturers' spinners when listed on Hartzell type design data.

(2) 所有螺旋桨整流罩必须作为航空器安装的一部分被批准, 不管哪个厂家 (见注10)。

All propeller spinners must be approved as part of the aircraft installation regardless of manufacturer. (See NOTE 10)

(b) 垫片（垫片附加的重量）/Spacers (weight of spacer extra)

(1) 垫片由法兰盘代码和长度/厚度来确定。（见注2）

Spacers are identified by flange letters and by length/thickness (see note 2)

注 8/NOTE 8

不适用/Not applicable.

注 9/NOTE 9

特殊限制/Special Limits

螺旋桨-发动机匹配表

Table of Propeller-Engine Combinations

从振动考虑被批准使用在正常类单发牵引式飞机上

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

从振动考虑确定的最大与最小螺旋桨直径见下表。不允许比最小直径值小的情况发生，因为最小直径数值已经考虑了由于修理而造成的可接受尺寸减少的情况。

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.

下列发动机型号来自发动机型号合格证上的构型（除非另有说明）。任何发动机或飞机结构的更改，如果致使在飞机运行的任何阶段下列发动机的动力发生改变，有可能会增加对螺旋桨的压力，且不在此清单批准范围内。此类更改包括（但不限于）增加涡轮增压器或涡轮稳压器，增加增压压力，增加压缩比，增加转速，改变点火器正时、电子点火器、发动机全权限数字控制器(FADEC)，或者调节进气或排气。同时，对于曲轴、配重的质量或硬度的更改也不在此表的批准范围内。

The engine models listed below are the configurations on the engine type certificate unless specifically stated otherwise. Modifications to the engine or airframe that alter the power of the engine models listed below during any phase of operation have the potential to increase propeller stresses and are not approved by this list. Such modifications include, but are not limited to, the addition of a turbocharger or turbnormalizer, increased boost pressure, increased compression ratio, increased RPM, altered ignition timing, electronic ignition, full authority digital engine controls (FADEC), or tuned induction or exhaust. Also, any change to the mass or stiffness of the crankshaft/counterweight assembly is not approved by this list.

桨毂型号 Hub Model	桨叶型号 Blade Model	发动机型号 Engine Model	最大直径（英寸） Max. Dia. (inches)	最小直径（英寸） Min. Dia. (inches)	标牌 Placards
-------------------	---------------------	-----------------------	--------------------------------	--------------------------------	----------------

注 10/NOTE 10

螺旋桨安装必须作为航空器型号合格证的一部分批准，并表明对适用的航空器适航要求的符合性。Propeller installation must be approved as part of the aircraft Type Certificate and demonstrate compliance with the applicable aircraft airworthiness requirements.

此数据单所列的螺旋桨型别包括附加字母以表明注 2 中所解释的小改和特定特征。参考航空器型号合格证数据单以确定适用的螺旋桨的具体型号。

Propeller models included herein contain additional characters to denote minor changes and specific

features as explained in Note 2. Refer to the aircraft Type Certificate Data Sheet for the specific propeller model applicable to the installation.

注 11/NOTE 11

报废时间/Retirement Time

(a) 寿命值和强制检查/Life Limits and Mandatory Inspections

(1) Hartzell手册500规定了适航限制（如有）。

Airworthiness limitations, if any, are specified in Hartzell Manual 500.

注12/NOTE 12

特别提示/Special Notes

(a) 超速和超扭限制参见 Hartzell 手册第 202()号。

Refer to Hartzell Manual No. 202() for overspeed and overtorque limits.

(b) 螺旋桨大修周期参见 Hartzell 服务信函 HC-SL-61-61()

Refer to Hartzell Service Letter HC-SL-61-61() for overhaul periods.

结束

.... END....