

型号认可证数据单
THE VALIDATION DATA SHEET

编号/No.:	VTC0353P
版次/Revision:	0
型号/Type:	
	4HFR34C778
批准人/Approved by:	Xu Chaoqun
	
职务/Title:	Director General of CAAC-AAD
日期/Date:	2018-10-15

本数据单是型号认可证（编号 VTC0353P）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的状态和限制。

This data sheet, which is a part of Validation Type Certificate (No: VTC053P), 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 Propeller Systems
One Cessna Boulevard
Po Box 7704
Wichita,KS 67277

有效页清单/List of effective pages:

页数/ Pages	1	2	3	4	5									
版次/Revision	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	VTC0353P, 版次0, 2018年10月15日; No. VTC0353P, Revision 0, October. 15, 2018	FAA TCDS No. P3NE, 第14版, 2015年8月31日 FAA TCDS No. P3NE, Revision 14, Aug. 31, 2015
历史 History	无 None	无 None

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
One Cessna Boulevard
Po Box 7704
Wichita, KS 67277
6. ETOPS: 不适用/NA
7. CAAC 专用要求/Special Requirements: 无/NONE

第2部分 数据单

SECTION 2 DATA SHEET

桨叶 Blade	最大连续 Maximum <u>Continuous</u>		起飞 Take-Off		直径限制 Diameter limits (See Note 2)	大约最大全重 (仅供参考) Approx. Max Wt. Complete (For Ref. Only.)
	HP	RPM	HP	RPM		
102BH[X]-0 to -4	867	2000	<u>Hub Model</u> 867	<u>4HFR34C778</u> 2000	102"- 98"	142 Lbs.

审定基础
Certification Basis

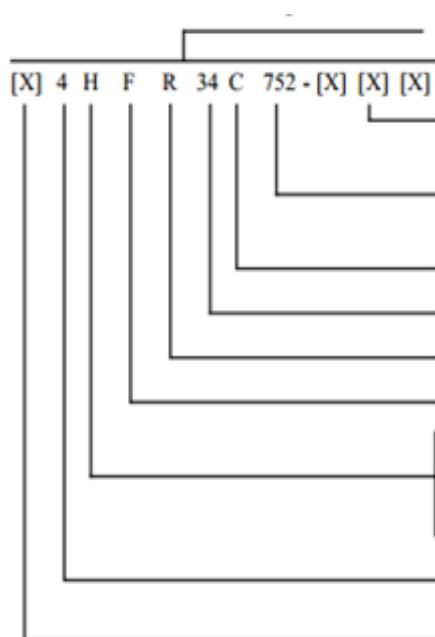
4HFR34C778螺旋桨型号合格审定基础为，1965年2月1日生效的ODA的14CFR183部D章，以及14CFR35部35-1至35-5修正案，除在35-8修正案修正的14CFR35.39和在35-8修正案修正的用于代替35-3修正案中35.41的35.40。

Model 4HFR34C778 type certificated under Organization Designation Authorization Provisions of 14 CFR Part 183, Subpart D, of the 14 CFR Part 35 effective February 1, 1965, including Amendments 35-1 through 35-5, except 14 CFR 35.39 as amended at 35-8, and 35.40 as amended at 35-8 in lieu of 35.41 as amended at 35-3.

生产基础
Production Basis

生产许可证No.3
Production Certificate No. 3

注1/Note 1 桨毂型号标识/Hub Model Designation



基本型号标识

影响适用性和互换性的字母。

影响部件适用性和可互换性的特殊设计和重大变更的数字编号

螺旋桨型号-C型，恒速。

McCauley桨叶柄尺寸。

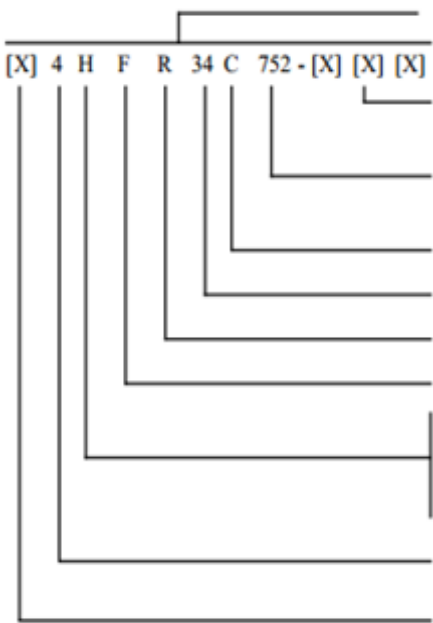
出现时表示反向螺距能力。

螺旋桨型号-F型，全顺桨。

H表示特殊法兰盘—圆形分布4个1/4英寸的螺栓，8个9/16英寸的双头螺栓以及2个或4个1/2英寸定位销。J表示特殊法兰盘—圆形分布5个1/8英寸的螺栓，12个9/16英寸的双头螺栓以及2个5/8英寸定位销。

叶片数量。

表示相对于1号叶片槽中心线的定位销位置，从法兰安装面观察桨毂。空-0，90,180，和270度顺时针方向。



Basic Model Designation

Letters denoting changes that may affect eligibility or interchangeability.

Numerals defining specific design and major change affecting eligibility or interchangeability of parts.

Type of propeller – C, constant speed.

McCauley blade shank size.

When present, indicates reverse pitch capability.

Type of propeller – F, full-feathering.

H denotes special flange – 4-1/4” bolt circle with eight 9/16” studs and two or four 1/2” dowels. J denotes special flange – 5-1/8” bolt circle with twelve 9/16” studs and two 5/8” dowels.

Number of blades.

Indicates dowel location with respect to centerline of No.1 blade socket, viewing hub from flange mounting face. Blank -0,90,180, and 270 degrees clockwise.

注2/Note 2 桨叶型号标识/Blade Model Designation.



桨叶型号标识

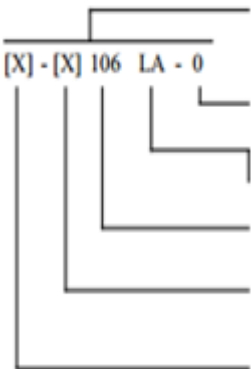
从基准值+或-, 英寸。

叶片设计的特点（平面形态等）。后缀X表示用于驱动销钉附件的叶片对接尺寸。

叶片设计直径，英寸。

字母指定旋转方向；没有字母（空白）表示顺时针（从下游看），L表示逆时针方向。

字母指不影响适用性或可互换性的小改。



Basic Model Designation

Change in diameter from basic, + or -, in inches.

Characteristics of blade design (planform, etc.). Suffix [X] indicates blade butt staking dimensions for actuating pin attachment.

Blade design diameter in inches.

Letter designating direction of rotation; no letter (blank) indicates clockwise (viewed from downstream), L indicates counter-clockwise.

Letter designating minor change not affecting eligibility or interchangeability.

注3/Note 3	不适用/Not applicable.
注4/NOTE 4.	<u>顺桨:</u> 当安装了适当的顺桨/非顺桨控制器时, 所有型号螺旋桨都具有顺桨/非顺桨特性。 <u>Feathering.</u> All propeller models are approved for feathering and unfeathering capability when installed with appropriate feather/unfeathering controls. <u>反桨:</u> 所有型号螺旋桨都被批准安装有适当的反向控制装置。 <u>Reversing.</u> All propeller models are approved for installation with appropriate reversing controls.
注5/Note 5	<u>左转向型号:</u> 左转向和右转向型号在同一级别和直径条件下批准。 <u>Left Hand Models.</u> The left hand version of an approved model propeller is approved at the same rating and diameter limitations as listed for the right hand model.
注6/Note 6	不适用/Not applicable.
注7/Note 7	<u>附件:</u> 螺旋桨设计中未包括的附件: <u>Accessories.</u> Substantiated accessories not included in propeller type design: a. 螺旋桨防冰/ Propeller Anti-icing 4HFR34C778/102BH[X]型使用的件号为P/N B-40245-56的McCauley除冰装置, 参见McCauley图纸E-5550, 或者件号为P/N C-40323-83的McCauley防冰套, 参见McCauley图纸E-5550。 Model 4HFR34C778/102BH[X] with McCauley deicer, P/N B-40245-56, reference McCauley drawing E-5550 or McCauley anti-ice feed shoe, P/N C-40323-83, reference McCauley drawing E-5550. b. 螺旋桨整流罩/Propeller Spinner 4HFR34C778/102BH[X]型使用的整流罩, 参见McCauley图纸E-8107。 Model 4HFR34C778/102BH[X] with spinner, reference McCauley drawing E-8107.
注8/Note 8	不适用/Not applicable.
注9/Note 9	<u>保留/Reserved</u>
注10/Note 10	<u>特别提示:</u> 装机说明必须满足飞机适航要求并且作为飞机型号合格审定的一部分得到批准。 <u>Special Notes.</u> Aircraft installation must be approved as part of the aircraft type certificate upon compliance with the applicable aircraft airworthiness requirements.
注11/Note 11	<u>保留/Reserved</u>

...完...

...END ...