

中国民用航空局

CIVIL AVIATION ADMINISTRATION OF CHINA

型号认可证数据单

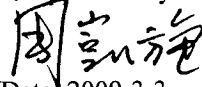
Validation Type Certificate Data Sheet

编号/No.: VTC 0224P

修订/Rev: Original Issue

型号/Type: C000242 Series
4A401 Series

批准人/Approved by:


日期/Date: 2009-3-3

本数据单是型号认可证（编号 VTC 0224P）的组成部分，它规定了符合中国民用航空总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 0224P), 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.

CAAC认可数据单和型号合格证数据单

CAAC Validation Data Sheet and Type Certificate Data Sheet

	中国民用航空总局认可数据单号、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	No. VTC 0224P, 版次 0 2009 年 3 月 3 日	CASA TCDS Number.VP503, Issue 23, April, 2008
历史 History		

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

一. 概要/General

1. 型号/Type

C000242 Series and 4A401 Series Propeller

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

Avtech Pty Ltd PO Box 5186 Bundaberg West Queensland, 4760 Australia

3. 制造商/Manufacturer

Avtech Pty Ltd PO Box 5186 Bundaberg West Queensland, 4760 Australia

4. CASA 合格审定申请日期/Certification Application Date 2007 年 8 月 22 日/22 August 2007

5. CASA 合格审定批准日期/ Certification Approval Date 2008 年 4 月 23 日/23 April 2008

二. 认可审定基础/Validation Basis

CAAC 的认可审定基础由 CASA 合格审定基础中的适用要求和 CAAC 的附加技术条件组成

The CAAC validation basis is consisted of CASA certification basis as applicable and CAAC additional technical conditions.

(一) CASA 合格审定基础/CASA Certification Basis

1. 适航标准/Airworthiness Standards

CASR 35 部, 依据 FAR35 部, 至第七修正案 (1995 年 12 月 28 日生效)

CASA Certification Basis: CASR Part 35 per FAR Part 35, at amendments 7th (effected 28 DEC 1995)

2. 专用条件/Special Conditions

无/None

3. 豁免/Deviations

无/None

4. 等效安全符合/Equivalent Safety Findings

无/None

(二) CAAC 附加技术条件/CAAC additional technical conditions

1. 资料批准/Service Information approval

CAAC 接受的服务通告、结构修理手册、航空器飞行手册、供应商手册和航空器维护手册等使用维护资料应经 CASA 批准, CASA 的这些批准代表了 CAAC 的批准, 且仅限于本型号设计。

Service bulletins, structural repairing manuals, aircraft flight manuals, vender manuals and aircraft maintenance manuals submitted to CAAC should be approved by CASA. The approval by CASA is equivalent to CAAC' and the approval pertains to the type design only.

(三) 制造基础/Production Basis

JABIRU 制造许可证444128

JABIRU Production Certification No. 444128

三. 技术特征和运行限制/Technical Characteristics and Operational Limitations

C000242 系列/C000242 series

1. 类型/ Type

定距、木制

Fixed Pitch Wood

2. 材料/ Material

肯宁南洋杉, 符合 AVDALSR035

Hoop Pine to AVDALSR035

3. 桨叶数/ Numbers of Blade 2

4. 最大额定功率/ Maximum Rated Power 60kw (80Bhp)

5. 最大额定转数/Maximum Rated Speed 3300rpm

6. 直径/Diameter

最大 ϕ 1524mm (60inch), 最小 ϕ 1499mm (59 inch)

ϕ 1524mm (60inch) Maximum, ϕ 1499mm (59 inch) Minimum

7. 桨距/Pitch

在 965 和 1118mm 之间 (38-44 inch) (见注 4)

Between 965 to 1117mm (38-44 inch) (note4)

8. 桨毂钻孔/ Hub Drilling Details

6 个孔, 直径为 ϕ 6.5mm, 等距分布于直径为 ϕ 101.6mm 的圆周上

6 holes 6.5mm diameter equispaced on 101.6 PCD

9. 图纸清单/ Drawing List

Avtech Pty Ltd 图纸 C00242-D60PXX (XX=桨距, inch)

Avtech Pty Ltd Drawing C00242-D60PXX (XX=Pitch, inch)

10. 适用系列号/ Applicable Serial Number

2900 (含) 以后

2900 and subsequent

4A401 系列/4A401 Series

1. 类型/ Type

定距、木制

Fixed Pitch Wood

2. 材料/ Material

肯宁南洋杉, 符合 AVDALSR035

Hoop Pine to AVDALSR035

3. 桨叶数/ Numbers of Blade 2

4. 最大额定功率/ Maximum Rated Power 60kw (80Bhp)

5. 最大额定转数/Maximum Rated Speed 3300rpm

6. 直径/Diameter

最大 ϕ 1524mm (60inch), 最小 ϕ 1499mm (59 inch)

ϕ 1524mm (60inch) Maximum, ϕ 1499mm (59 inch) Minimum

7. 桨距/Pitch

在 965 和 1118mm 之间 (38-44 inch) (见注 4)

Between 965 to 1117mm (38-44 inch) (note4)

8. 桨毂钻孔/ Hub Drilling Details

6 个孔, 直径为 ϕ 6.5mm, 等距分布于直径为 ϕ 111.12mm 的圆周上

6 holes 6.5mm diameter equispaced on 111.12 mm PCD

9. 图纸清单/Drawing List

Avtech Pty Ltd 图纸 4A401A0D, 4A401B0D, 4A401C0D

Avtech Pty Ltd Drawing 4A401A0D, 4A401B0D, 4A401C0D

10. 适用系列号/ Applicable Serial Number

0002 (含) 以后

0002 and subsequent

四. 操作和服务指南/Operating and Service Instructions

1. 图纸/ Drawing

Avtech Pty Ltd 图纸 C00242-D60P42-4/Avtech Pty Ltd Drawing C00242-D60P42-4

Avtech Pty Ltd 图纸 4A401A0D-2/Avtech Pty Ltd Drawing 4A401A0D-2

2. 螺旋桨技术手册 JPM3L01-19 或经 CASA 批准的后续版本/Propeller Technical Manual JPM3L01-1 or later revision approved by CASA

五. 注释/Notes

1. Avtech公司的螺旋桨序列号是连续的，只有生产过程符合本数据单生产基础要求的螺旋桨，才符合该型号认证。

The serial numbers of engine produced by Avtech Pty Ltd are sequential. Only the propellor produced in accordance with the production basis described in this TCDS are eligible for certification under this VTC.

2. 螺旋桨标记/Propeller Markings:

C000242 系列/ C000242 Series

图纸号/Drawing No. DWG C000242-D60P42

直径/Diameter→D1524 P 1067←桨距/Pitch

发动机型号/Engine Model JABIRU 2200

J	J	4	0001	L	C
↑	↑	↑	↑	↑	↑
Jabiru 螺旋桨	Jabiru 发动机	4 缸	系列号	前缘保护	复合材料包覆
Jabiru Propeller	Jabiru Engine	4Cylinder	Series No.	Leading Edge Protection	Composite Sheath

4A401 系列/4A401Series

图纸号/ Drawing No. DWG 4A401A0D

直径/Diameter→D1524 P 1067←桨距/Pitch

发动机型号/Engine Model JABIRU 2200

J4A401	0001	L	C
↑	↑	↑	↑
螺旋桨型号	系列号	前缘保护	复合材料包覆
Propeller Model	Series No.	Leading Edge Protection	Composite Sheath

3. 维护指令包括适航限制均包含在 Jabiru 飞机螺旋桨技术手册 JPM3L01-1 中/

Maintenance Instruction Including Airworthiness Limitations are Contained in Jabiru Aircraft Technical Manual JPM3L01-1

4. 批准的安装/Approved Installations

螺旋桨 Propeller	发动机 Engine	螺旋桨安装法兰 Propeller Flange	直径 X 桨距* DiaXPitch*	限制值 Limits
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C000242-D60P38	Jabiru2200	标准/std 4525064 2"扩展/2"Ext 4610074	1524X965 (60" X38")	Not Above 3300rpm
C000242- D60P42	Jabiru2200	标准/std 4525064 2" 扩展/2"Ext 4610074	1524X1067 (60" X42")	Not Above 3300rpm
C000242- D60P44	Jabiru2200	标准/std 4525064 2"扩展/2"Ext 4610074	1524X1118 (60" X44")	Not Above 3300rpm
4A401C0D	Jabiru2200	标准/std 4662084 2"扩展/2"Ext 466218N	1524X965 (60" X38")	Not Above 3300rpm
4A4010A0D	Jabiru2200	标准/std 4662084 2"扩展/2"Ext 466218N	1524X1067 (60" X42")	Not Above 3300rpm
4A4010B0D	Jabiru2200	标准/std 4662084 2"扩展/2"Ext 466218N	1524X1118 (60" X44")	Not Above 3300rpm

* 除非另有说明,单位为 mm/Dimension is mm unless otherwise noted