



Australian Government

Civil Aviation Safety Authority

Type Certificate

Number: VP503

Pursuant to regulation 21.13A of the Civil Aviation Safety Regulations 1998 this type certificate is issued in respect of the Jabiru C000242 and 4A401 series propellers, manufactured by Avtech Pty Ltd.

This certificate is valid until it is suspended or cancelled by the Civil Aviation Safety Authority. The basis of certification is as described in Type Certificate Data Sheet number VP503.

Date of Application: 22 August 2007

Date of Issuance: 23 April 2008

A handwritten signature in black ink is written over a circular official seal. The seal contains the text 'CIVIL AVIATION AUSTRALIA SAFETY AUTHORITY' around the perimeter.

Dinh Nguyen
Delegate of the Authority

No	VP503
Revision	Original Issue
Propeller	C000242 Series 4A401 Series
Date	23 April 2008

TYPE CERTIFICATE DATA SHEET

This data sheet is part of Type Certificate No. VP503 and lists the conditions and operational limitations under which the propellers, for which the Type Certificate was issued, meet the airworthiness requirements of the Civil Aviation Safety Authority.

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

C000242 Series Propellers approved 23 April 2008.

Type: Fixed Pitch Wood.
Material: Hoop Pine to AVDALSR035.
Number of Blades: Two.
Maximum Rated Power: 60 KW (80 BHP).
Maximum Rated Speed: 3300 RPM.
Diameter: 1524 mm (60") maximum.
1499 mm (59") minimum.
Pitch: Between 965 and 1118 mm (38" – 44") (Note 3).
Hub Drilling Details 6 holes, 6.5 mm dia. equispaced on 101.6 mm PCD.
Drawing List Avtech Pty Ltd Drawing C00242-D60PXX (XX = Propeller Pitch in inches).
Applicable Serial Numbers: 2900 and subsequent.

4A401 Series Propellers approved 23 April 2008.

Type: Fixed Pitch Wood.

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Material: Hoop Pine to AVDALSR035.
 Number of Blades: Two.
 Maximum Rated Power: 60 KW (80 BHP).
 Maximum Rated Speed: 3300 RPM.
 Diameter: 1524 mm (60") maximum.
 1499 mm (59") minimum.
 Pitch: Between 965 and 1118 mm (38" – 44") (Note 3)
 Hub Drilling Details 6 holes, 6.35 mm dia. equispaced on 111.12 mm PCD.
 Drawing List Avtech Pty Ltd Drawings 4A401A0D, 4A401B0D, 4A401C0D.
 Applicable Serial Numbers: 0002 and subsequent.

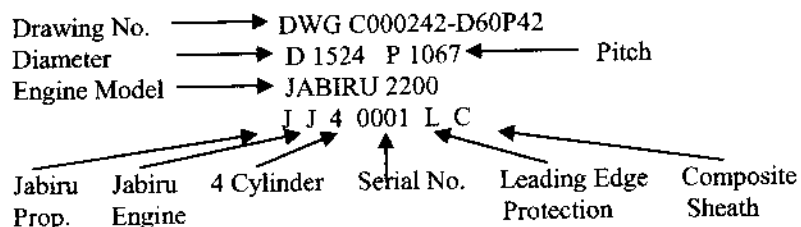
Data applicable to all models:

Certification Basis CASR Part 35 per FAR 35 at Amendment 35-7 (Dec 28, 1995).
 Production Basis JABIRU Production Certificate 444128.

NOTES

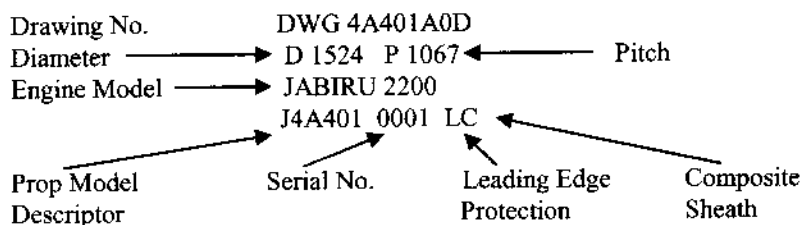
Note 1 Propeller markings:

C000242 Series



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4A401 Series



Note 2 Maintenance instructions including Airworthiness Limitations are contained in Jabiru Aircraft Propeller Technical Manual JPM3L01-1.

Note 3 Approved Installations:

Propeller	Engine	Propeller Flange	Dia x Pitch*	Limits
C000242-D60P38	Jabiru 2200	Std - 4525064 2" Ext - 4610074	1524 x 965 (60" x 38")	Not above 3300 RPM
C000242-D60P42	Jabiru 2200	Std - 4525064 2" Ext - 4610074	1524 x 1067 (60" x 42")	Not above 3300 RPM
C000242-D60P44	Jabiru 2200	Std - 4525064 2" Ext - 4610074	1524 x 1118 (60" x 44")	Not above 3300 RPM
4A401 B0D	Jabiru 2200	Std - 4662084 2" Ext - 466218N	1524 x 965 (60" x 38")	Not above 3300 RPM
4A401A0D	Jabiru 2200	Std - 4662084 2" Ext - 466218N	1524 x 1067 (60" x 42")	Not above 3300 RPM
4A401C0D	Jabiru 2200	Std - 4662084 2" Ext - 466218N	1524 x 1118 (60" x 44")	Not above 3300 RPM

* - Dimensions in mm unless otherwise noted.

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