



# Type Certificate

Number: **VP505**

Original Issue - see Note 1.

Pursuant to regulation 21.013A of the Civil Aviation Safety Regulations 1998, this type certificate is issued to Allsize Aviation, in respect of the CHP1-1 propeller.

This certificate is valid until suspended or cancelled by the Civil Aviation Safety Authority. The basis of certification is as prescribed in Type Certificate Data Sheet number VP505 Issued by this authority.

Date of Application: 18 September 2013

Date of Issuance: 30 January 2014

Note 1: This Certificate is based on the Certificate of Type Approval, CTA 174-1, Issue 2, dated 27 June 1994.



Peter Nikolic  
Delegate of the Authority

*safe skies for all*

VP 505  
Allsize Aviation CHP1-1  
Propeller  
Original issue (See Note 1)  
Date 30 January 2014

## TYPE CERTIFICATE DATA SHEET No VP 505

This data sheet, which forms part of Type Certificate No VP505, prescribes the conditions and limitations under which the propeller specified in this type certificate meets the airworthiness requirements of the Civil Aviation Safety Regulations.

### Type Certificate Holder:

Allsize Aviation  
1/4 Cessna Street,  
MUDJIMBA, QLD 4564,  
AUSTRALIA

**Model – CHP1-1 propeller** Initially approved 10 June 1993 (See Note 1).

**Type:** 2 bladed, fixed-pitch, laminated wood, right hand tractor.

### **Specifications and Limitations:**

Maximum diameter	1727 mm
Maximum power	59.65 kw (80 h.p.)
Maximum RPM	2552
Pitch at 1219 mm	15.5 degrees
Hub drilling	6 equally spaced 7.9mm (5/16 inch) holes
Hub bolt circle diameter	100mm
Hub dimensions;	
Diameter	137mm
Thickness	75mm

**Propeller Engine Combination:** Rotax 912 A and Rotax 912 UL

**Certification Basis:** Federal Aviation Regulations Part 35 at amendment 35-6 effective 18 August 1990, Civil Aviation Order 108.28 Issue 2 dated 7 January 1982, and Civil Aviation Order 108.29 Issue 1 dated 21 May 1982

  
30 Jan 14

**Production Basis:** Nil

**Type Design Data:**

1. Holford Production Systems Drawing CHP-1-1 Issue 1 or later CASA approved revision.
2. CHP1-1 Propeller Owners Instruction Manual dated 2 July 1993 or later CASA approved revision.

**Note 1** The CHP1-1 propeller was previously certificated by CTA 174-1. This Type Certificate re-issues that approval with a change in Type Certificate holder.

**Note 2** Type Certificate holder record:

Initially issued to;  
Craig Holford, trading as Holford Propulsion Systems  
Runway Hanger, Friendship Avenue,  
Sunshine Coast Airport,  
Mujimba QLD 4564  
10 June 1993

Transferred to;  
All Size Aviation  
Lot 11, Johnston Road  
Glasshouse Mountains QLD 4518  
27 June 1994

Transferred to;  
Allsize Aviation 1/4 Cessna Street,  
Mujimba QLD 4564  
30 January 2014

  
30 Jan 14