


# Type Certificate

Number VP504  
Issue 2

Pursuant to regulation 21.013A of the *Civil Aviation Safety Regulations 1998*, this type certificate is issued in respect of the Bishton 177 model propeller, manufactured by:

Seeker Aviation Australia Pty Ltd  
Don Adams Drive, Hervey Bay  
PO Box 7618 Urangan, QLD 4655  
Australia

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 VP504.



Richard Stocker  
Delegate of the Authority  
10 May 2018

No	VP504
Revision	1
Propeller	Bishton 177
Date	10 May 2018

## TYPE CERTIFICATE DATA SHEET

This data sheet, which forms part of Type Certificate No. VP504 Issue 2, prescribes the conditions and limitations under which the propeller specified in this type certificate meets the airworthiness requirements of the Civil Aviation Safety Regulations.

**Certificate Holder** Seeker Aviation Australia Pty Ltd  
Don Adams Drive, Hervey Bay  
PO Box 7618 Urangan, QLD 4655  
Australia

**Model – Bishton 177 propeller** Initially approved 24 January 1994.

**Type** 2 bladed, fixed pitch, laminated wood, left-hand pusher.

### **Specifications and Limitations:**

Maximum diameter	1770 mm
Maximum power	210 HP
Maximum RPM	2700 RPM
Pitch (at 750 mm radius)	BB177 1350 mm
	BB177-70-53 1350 mm
	BB177-70-55 1400 mm
	BB177-70-57 1450 mm

**Engine Types** Approved for fitment to  
Lycoming O-360-B2C  
Lycoming O-390-A1A6 and  
Lycoming O-390-A1B6 engines,  
when used in conjunction with adaptor shaft,  
Seabird Aviation Australia part No. SB 1586100-02-01.

**Certification Basis** Federal Aviation Regulations Part 35 at amendment 35-6, effective 18 August 1990, and Civil Aviation Order 108.28, Instrument 2007, Issued 19 December 2007.

**Production Basis** Production Certificate number 417197.

**Type Design  
Data**

1. Applicable Seabird drawing  
BB177 SB1596100-01 P5,  
BB177-70-53 SB1596100-01 P6,  
BB177-70-55 SB1596100-02 P1, or  
BB177-70-57 SB1596100-03 P1,  
or later approved revision.
2. Installation and maintenance instructions for the BB177  
propellers are contained within the approved maintenance  
manuals for the applicable model Seabird aircraft.

**Notes**

- Note 1 The Bishton BB177 propeller was previously certificated by  
CTA 169-2, at 1350mm pitch and 168 HP. This Type  
Certificate includes that approval, increases the Maximum  
Power rating, and extends the range of approved pitches.
- Note 2 The BB177 and BB177-70-53 parts are identical, except for  
part markings.

**Revision Notes**

- Note 1 TC Holder changed from Seabird Aviation Australia Pty Ltd  
to Seeker Aviation Australia Pty Ltd