



RECREATIONAL AVIATION AUSTRALIA INC  
 ABN 40 070 931 645

PO Box 1265  
 FYSHWICK ACT 2609

3/1 Pirie Street  
 Fyshwick ACT 2609

**AIRCRAFT DATA SHEET**

**REGISTRATION NUMBER** \_\_\_\_\_

This Data Sheet provides basic information about an Amateur Built Aircraft that is registerable under the RA-Aus system. A Data Sheet must be completed for these aircraft before registration by RA-Aus can be finalised. The Data Sheet stays with the aircraft and must be amended each time major changes are made to the configuration, performance or characteristics of the aircraft.

\*\*\*\*\***WARNING**\*\*\*\*\*

**This aircraft is not required to comply with the safety regulations for standard aircraft  
 PERSONS FLY IN THIS AIRCRAFT AT THEIR OWN RISK**

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**AIRCRAFT TYPE**

AIRCRAFT TYPE:..... MODEL:.....SERIAL NO:.....

NUMBER OF SEATS: 1 or 2 (Please circle)

**AIRCRAFT BUILDER**

NAME.....CONTACT PHONE.....FAX.....

ADDRESS.....

.

**AIRCRAFT DESIGNER** [If aircraft designed by the builder put "as above"]

NAME.....CONTACT PHONE.....FAX.....

ADDRESS.....

.

**AIRCRAFT DETAILS**

DATE OF CONSTRUCTION.....DATE OF FIRST FLIGHT.....

WING SPAN.....Mtr WING AREA.....Sqm A/C LENGTH.....Mtr

WING CHORD.....Mtr ROOT CHORD..... Mtr TIP CHORD..... Mtr  
 [Include wing root and tip chords if chord not constant]

MAXIMUM TAKE OFF WEIGHT.....KG WEIGHED EMPTY WEIGHT.....KG

Specify how weight was measured.....

.....Date of last

Weighing.....

List equipment fitted to aircraft and included in empty weight.....

...

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**AIRCRAFT DETAILS [Continued]**

**FORWARD AND AFT CENTRE OF GRAVITY LIMITS**

FWD.....mm/%MAC  
AFT.....mm/%MAC

Specify in mm or %MAC from datum and position of datum. State how or from where CG limits are obtained.

.....  
.....

**MAXIMUM AND MINIMUM AIRSPEEDS**

MAXIMUM [NEVER EXCEED] AIRSPEED.....KTS

STALL SPEED [LANDING CONFIGURATION].....KTS

[Specify how these airspeeds are determined].....

.....

**CONTROL SYSTEM**

THREE AXIS/WEIGHT SHIFT/MIXED.....[Describe Briefly].....

.....

**FUEL SYSTEM**

TYPE OF FUEL.....NUMBER OF FUEL TANKS.....TOTAL FUEL CAPACITY.....Ltr.

CAPACITY OF EACH TANK [If more than one] (1).....Ltr (2).....Ltr (3).....Ltr.

**SEAT BELTS AND EQUIPMENT**

[List equipment fitted to aircraft including seat belts, showing type & manufacturer, radio, transponder, etc.]

Date of seatbelt manufacture? .....

.....

.....

**COLOUR**

COLOUR OF AIRCRAFT FUSELAGE.....WINGS.....TAIL.....

**ENGINE DETAILS**

ENGINE MANUFACTURER..... MODEL.....

ENGINE SERIAL NUMBER.....

NUMBER OF ENGINES.....

TWO OR FOUR STROKE.....CAPACITY IN CC.....RATED HORSEPOWER.....



**PROPELLER DETAILS**

TYPE.....MODEL.....PITCH AND DIAMETER.....X.....

NUMBER OF BLADES.....REDUCTION DRIVE TYPE.....REDUCTION RATIO.....

PROPELLER MANUFACTURER

NAME.....CONTACT PHONE.....FAX.....

ADDRESS.....

**AIRCRAFT CONSTRUCTION DETAILS**

WHERE WAS AIRCRAFT BUILT [State/Territory/City].....

WAS AIRCRAFT:

(1) Designed by the builder and constructed from components..... Yes No OR

(2) Constructed from a commercially manufactured Kit (\*)..... Yes No OR

(3) Constructed from a purchased set of drawings or plans(\*)..... Yes No OR

(4) Other  
[Specify].....

(\*) If constructed from a Kit or Drawings specify name of kit or drawings supplier.....

**MATERIALS USED IN CONSTRUCTION**

(1) Fuselage Frame and  
Covering.....

(2) Wing Frame and  
Covering.....

(3) Other parts, unless similar to the above.....

**STRUCTURAL AND FLIGHT TESTS**

Have any **structural tests** been conducted on this aircraft type. If so please provide details of what, where, when and by whom the tests were conducted? [Attach test results] .....  
.....  
.....[Use separate sheet if necessary]

Have any **formal flight tests** been conducted on this aircraft type. If so please provide details of what, where, when and by whom the tests were conducted.....  
.....  
.....[Use separate sheet if necessary]

**MAINTENANCE DETAILS**

Please specify name of person or organisation who is to maintain this aircraft:

NAME.....CONTACT

PHONE.....FAX.....

ADDRESS.....PCODE.....

..

**PHOTOGRAPHS**

Please attach one set of **RECENT PHOTOGRAPHS** showing the aircraft from SIDE, FRONT and REAR, and views of the COCKPIT SHOWING CONTROLS, WARNING PLACARD, SEAT BELTS AND INSTRUMENT PANEL and of the ENGINE INSTALLATION. Please annotate photographs with the aircraft registration number and the date on which they were taken.

**NAME AND ADDRESS OF THE PERSON COMPLETING THIS FORM**

Name.....

Address.....

.....

Contact Numbers: Phone.....Fax.....

Signature.....Date.....

**NOTES:**

1. The information provided above, **EXCEPT THE NAME AND ADDRESS OF THE CURRENT OWNER** may be made available to RA-Aus members who request details of this aircraft.
2. Any questions concerning the completion of this form should be addressed to RA-Aus [Attention: Technical Manager] at the address or contact numbers at the top of this form.