



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**

AIRCRAFT TYPE

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

NUMBER OF SEATS:.....

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/Ft WING AREA.....SqM/SqFt A/C LENGTH.....Mtr/Ft

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

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

Specify how weight was measured.....

.....Date of last Weighing.....

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

AIRCRAFT DETAILS [Continued]

FORWARD AND AFT CENTRE OF GRAVITY LIMITS

FWD.....AFT.....

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

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MAXIMUM AND MINIMUM AIRSPEEDS

MAXIMUM [NEVER EXCEED] AIRSPEED.....KTS/MPH [Specify which]

STALL SPEED [LANDING CONFIGURATION].....KTS/MPH [Specify which]

[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.]

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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 or No] OR

(2) Constructed from a commercially manufactured Kit (*)..... [Yes or No] OR

(3) Constructed from a purchased set of drawings or plans(*)..... [Yes or 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.....

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.....[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.....

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PHOTOGRAPHS

Please attach the following **RECENT PHOTOGRAPHS** showing:

Aircraft from **FRONT** and **SIDE**

AIRCRAFT REGISTRATION NUMBERS ON WING AND FUSELAGE/TAIL

COCKPIT SHOWING INSTRUMENT PANEL including **MTOW WEIGHT AND WARNING PLACARDS**

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.....

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Address.....

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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.