



CAO 95.10 - AIRCRAFT DATA SHEET – Section 7.1.4 Annex A
RA-Aus Technical Manual July 2007 – Rev1.0

REGISTRATION NUMBER 10 - _____

This Data Sheet provides basic information which identifies an aircraft that conforms to Civil Aviation Order 95.10. A Data Sheet must be completed for all CAO 95.10 aircraft before registration of the aircraft by RA-Aus can be finalised. The Data Sheet forms part of the aircraft records and must be amended each time major changes are made to the configuration, performance or characteristics of the aircraft.

*******WARNING*******

This aircraft has been constructed under the provisions of CAO95.10. The Civil Aviation Safety Authority and RA-Aus DO NOT GUARANTEE the AIRWORTHINESS of this aircraft. PILOTS OPERATE 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.....

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..

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.....
.....
...

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

NUMBER OF ENGINES.....MAKE.....MODEL.....

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

ENGINE MANUFACTURER

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

ADDRESS.....

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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? [Attach test results]

.....[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.....

DRAWINGS AND PHOTOGRAPHS

Please attach a **SCALED THREE VIEW DRAWING** of the aircraft using a scale of about 100:1 ie 1 centimeter per meter. Use a separate sheet.

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 Recreational Aviation Australia Inc. members who request details of this aircraft.
2. Any questions concerning the completion of this form should be addressed to the Recreational Aviation Australia Inc. [Attention: Technical Manager] at the address or contact numbers at the top of this form.