

CAO 95.10 VERIFICATION OF AIRCRAFT WEIGHT

AIRCRAFT IDENTIFICATION

Aircraft Type	RAAus Registration Number (if applicable)
Model	Serial Number (if applicable)

Aircraft Owner

Name	RAAus Member Number (if applicable)	
Address		
City/Suburb	State	Postcode

WEIGHING DETAILS

Specified Empty Weight (see note 1)	Total Wing Area (see note 6)
Nominated Fuel Capacity (see note 3)	Payload Allowance (see note 4)
Method of weighing	
I accept responsibility for the measuring process used and verify that the information contained in this form is, to the best of my ability, true and accurate.	
Qualified Weigher Signature	
Member Number	Date

1. The Specified Empty Weight is that figure calculated from the weighing of the aircraft as described.
2. For the purposes of this weight verification ALL pilots are deemed to weigh 90kg.
3. If the Nominated Fuel Capacity is less than the physical capacity of the fuel tank(s), then the nominated fuel capacity and level must be marked on the fuel tank. The Nominated Fuel Capacity must not be less than 15 litres. This capacity must also be marked on the means of checking the fuel level, e.g. sight gauges or dipsticks. The tank may additionally be marked for the fuel allowed for the weight of the pilot who usually flies the aircraft.
4. Payload Allowance comprises the weight of the items formerly known as optional extras, i.e. those items not required for flight (parachute, radio, brakes etc), and discretionary items such as maps, supplies, luggage, spare fuel etc. If these optional extras are to be included in the empty weight, and no discretionary items will be carried, then the Payload Allowance is NIL. If not, the weight of these items must be included in the Payload Allowance.
5. The wing area should be measured, calculated and recorded on the form.
6. To comply with the requirements of CAO 95.10, the aircraft must have a Maximum Take Off Weight (MTOW) of 300kg or less, and a wing loading at MTOW of not more than 30kg per square metre. To calculate the MTOW for a specific wing area, the formula is Wing Area x 30kg = MTOW
Example: If the wing area is 9.5m²: 9.5 x 30 = 285kg - This particular aircraft is limited to a MTOW of 285kg.

Office use only

MTOW CALCULATION

EMPTY WEIGHT	
NOMINATED FUEL WEIGHT (Litres x 0.72)	
PAYLOAD	
PILOT WEIGHT	
TOTAL	