

**SECTION 7.4.1****CAO 95.55 - NEW REGISTRATIONS (Non LSA)****INTRODUCTION**

1. This Section applies to any application for registration for an aircraft that complies with the provisions of CAO 95.55 para 1.2, 1.3, 1.4, 1.5 and 1.6.
2. Before an aircraft is placed on the RA-Aus register, the RA-Aus must be satisfied that the aircraft complies with the weight, stall speed and minimum useful load requirements as per the applicable sections of those Orders.

**WEIGHT**

3. The Maximum Take Off Weight (MTOW) for aircraft in these categories is defined within CAO 95.55. The designed MTOW or certificated MTOW for each individual aircraft, or the MTOW defined in the section of CAO 95.55 under which the aircraft has been registered, whichever is the lower, must not be exceeded in any case.

**STALL SPEED**

4. The stall speed of an aircraft registered within these categories is defined as per the CAO 95.55 under which the aircraft is registered and these values must not be exceeded.

**FUEL CAPACITY**

5. If the fuel capacity nominated is less than the physical fuel tank capacity, the volume and level of fuel nominated must be permanently marked on the fuel tank and also on any visible means of determining the level of fuel in the tank. The nominated fuel tank capacity must not be less than 15 litres unless specifically approved by the RA-Aus Technical Manager.

**WEIGHT AND BALANCE**

6. On application for registration of an aircraft, other than paragraph 1.6 and 1.8 aircraft, to which this section applies, the owner must complete and the inspector must verify the weighing of the aircraft and sign the weight and balance form.
7. On application for registration of CAO 95.55 para 1.6, 1.8, aircraft, a copy of the factory weight and balance data must be submitted with the registration paperwork to the RA-Aus.

8. Each application must include a description of the method of weighing and equipment used, clearly marked on the weight and balance sheet. A list of installed equipment at the time of weighing is to be noted on the weight and balance sheet.
9. Any aircraft that does not have weight and balance data will not be registered.

### **WEIGHING EQUIPMENT**

10. Acceptable methods of weighing may include bathroom scales, weighbridge, farm scales or other approved equipment. These can be best calibrated against litre of water increments. Accuracy of plus or minus 2kg is desirable.

### **WEIGHING METHOD**

11. The method of weighing is to be followed as per the manufacturer's guidelines or via AC 43-13-1B if no manufacturers details are available.

### **PHOTOGRAPHS**

12. Each aircraft applying for registration shall have registration markings applied to the aircraft as per Operations Manual. Photographs showing the registration numbers on the port wing, on the appropriate vertical surfaces, as well as a cockpit photograph showing the warning and weight limit labels as per Section 7.4.3 Annex C for CAO 95.55 para 1.5 aircraft, shall be submitted with the registration application.

### **FLIGHT TEST REPORT**

13. Aircraft registered under CAO 95.55 paragraph 1.6 shall submit a copy of the factory flight test report upon application for initial registration.

### **AUTHORISED PERSONS**

14. For the purposes of this Section, an authorised person shall include those persons and classes of persons referred to in Section 7.5.5
15. An authorised person shall not provide the confirmation for any aircraft in which they have an ownership interest, nor shall they be related by marriage, defacto relationship or birth to any person having an ownership interest in the aircraft where they provide confirmation.