

SECTION 7.5.1**CAO 95.55 - NEW LSA REGISTRATIONS****INTRODUCTION**

1. This Section applies to any application for registration for an aircraft that complies with the provisions of CAO 95.55 paragraph 1.8 or 1.9.
2. Before an aircraft is placed on the RA-Aus register, the RA-Aus must be satisfied that the aircraft complies with the standards and conditions of acceptance under the LSA criteria as described in AC21.42.
3. A copy of the manufacturer's Statement of Conformity is to be submitted to RA-Aus, along with a copy of the Special Certificate of Airworthiness or Experimental Certificate issued to the relevant aircraft.

WEIGHT

4. The Maximum Take Off Weight (MTOW) for aircraft in this category is defined within CASR Part 21. The Maximum Take Off Weight defined for this category of aircraft is 600kg for land based aircraft and 650Kg for an aircraft intended for operation on water.

STALL SPEED

5. A maximum stalling speed in the landing configuration (V_{so}) of not more than 45 knots CAS at the aircraft's maximum certificated takeoff weight and most critical centre of gravity.

WEIGHT AND BALANCE

6. On application for registration of CAO 95.55 para 1.9 aircraft, the owner must complete and the inspector must verify the weighing of the aircraft and sign the weight and balance form.
7. A copy of the factory weight and balance data is required to be sent to RA-Aus on application for registration of CAO 95.55 para 1.8 aircraft.
8. 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 data will not be registered.

WEIGHING EQUIPMENT

10. Acceptable methods of weighing for CAO 95.55 para 1.9 aircraft 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

9. The method of weighing is to be followed as per the manufacturer's guidelines.

PHOTOGRAPHS

10. Photographs showing RA-Aus registration markings must be submitted with each registration application. Location and size of registration markings are defined in the RA-Aus Operations Manual.
11. A photograph of the aircraft showing the location of the Aircraft Notice as outlined in Annex A of this section is also required.
12. A photograph of the location of the word "EXPERIMENTAL" as outlined in Section 7.5.4 Annex A is also required for CAO 95.32 para 1.3 aircraft and para 1.2 aircraft that no longer meet the requirements for holding a Special Certificate of Airworthiness.

FLIGHT TEST REPORT

13. A copy of the manufacturer's flight test report is required for each factory built aircraft.

APPROVED PERSONS

14. For the purposes of this Section, an Approved Person shall include those persons and classes of persons referred to in Section 7.5.5