

SECTION 3.4 EXPERIMENTAL LIGHT SPORT AIRCRAFT (E-LSA)

3.4.1 INTRODUCTION

This Section details applications for registration of an Experimental Light Sport Aircraft (E-LSA) that complies with the provisions of either CAO 95.32 or 95.55.

Owners of E-LSA must familiarise themselves with all requirements detailed in CASR 1998 Part 21 and CASA Advisory Circulars AC 21.41(n) and AC 21.42(n). (where (n) = latest edition)

3.4.2 EXPERIMENTAL CERTIFICATES

Experimental certificates are available for the following aircraft:

- a) ***Kit built LSA*** – Before an experimental certificate for a LSA can be issued, the manufacturer must have produced a production aircraft of the same model issued with a Special Certificate of Airworthiness. These aircraft can only be used for private purposes.
- b) ***Non-Compliant Production LSA*** – The experimental certificate provides a means for aircraft that no longer comply with the requirements of the Special CoA for LSA. These aircraft can only be used for private purposes. There are circumstances where this could arise such as the production aircraft has been modified without the manufacturer's approval or has not been maintained in accordance with the manufacturer's requirements. Other circumstances may be that the manufacturer has gone out of business and no suitable persons or organisations have taken over the continuing airworthiness functions for the aircraft, or the aircraft no longer meets the LSA requirements. The aircraft must still meet the base definition of LSA within Australian regulations.

Experimental Certificates can only be issued by a CASA Authorised Person, or CASA. No RAAus maintenance authority holder is eligible to issue such certificates unless they hold a CASA Instrument of Appointment to issue such certificates.

For registration, RAAus must be satisfied that the aircraft complies with the requirements and conditions of acceptance under the E-LSA criteria as described in AC 21.41(n) and AC 21.42(n) (where (n) = latest edition)

Owners of E-LSA aircraft must apply for a registration number using **TECH FORM 011**. Upon allocation of a registration number and fixing the registration number to the aircraft in accordance with the requirements of Section 5.1, full registration can be applied for using **TECH FORM 010**.