



دستورالعمل های هواپیمائی کشوری
Civil Aviation Directive (CAD)
CAD LSA

خصوصیات تایید برای هواپیماهای سبک ورزشی
Certification Specifications for
Light Sport Aeroplanes

Aircraft Engineering
Department

دفتر مهندسی نظارت بر طراحی و ساخت وسایل

پرنده

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بخش LSA

Civil Aviation Directive of IR.IRAN
CAD LSA

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Certification Specifications for
Light Sport Aero planes

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Forward

1. For the definitions and abbreviations on this CAD may refer to the CAO.IRI CAD-Definitions.
2. The content of this CAD is Airworthiness Code for Light Sport Aeroplanes.

**3. CAO.IRI Certification Specifications
for
Light Sport Aeroplanes**

CAD-LSA

Airworthiness code

SUBPART A – GENERAL

LSA 1 Applicability

This LSA prescribes airworthiness standards for Light Sport Aeroplanes for issuance of a Type Certificate, and changes to that Type Certificate.

4. Light Sport Aeroplane complies with the following criteria:

- (i) Maximum Take-Off Mass not more than 600 Kg for all land aircraft and 650 Kg for aircraft intended for operation on water; and
- (ii) Maximum speed 120 knots; Glider Vne – 120 knots; and
- (iii) Maximum stall speed not more than 45 knots; and
- (iv) Maximum 2 seats; non-pressurized; single reciprotating engine; and
- (v) Fixed or ground adjustable propeller; auto-feather for glider; and
- (vi) Fixed landing gear, except for an aircraft intended for operation on water or glider (retractable gear allowed)

LSA 3 Aeroplane categories

These specifications apply to aeroplanes intended for “non-aerobatic” and for “VFR day” operation only. Non-aerobatic operation includes -

- (a) Any manoeuvre incidental to normal flying;
- (b) Stalls (except whip stalls); and
- (c) Lazy eights, chandelles, and steep turns, in which the angle of bank is not more than 60°.

LSA 5 Airworthiness code

The airworthiness code is ASTM International standard F2245.