

European Microlight Federation



ELSA

in

Czech Republic

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ELSA - Czech solution

based on Annex II c), ASTM F2245, CS-LSA and current Czech regulations for Sports Flying Equipment (microlights)

General strategic agreement between:

LAA ČR

Czech Ministry of Transport
and Czech CAA

That we need some solution for „heavy“ microlights outside EASA.

ELSA - Czech solution

based on this LAA ČR has translated relevant ASTM rules and prepared following new regulations:

ELSA-A – Airworthiness code

– based on ASTM F2245, Czech UL2 and CS-LSA

ELSA-D – Annex to existing microlight rules

– Operations, Microlight Airfields, Training etc.

ELSA - Czech solution

Ministry of transport accepted our proposal extended the Competency of LAA ČR also for this new category.

The most important fact is that ELSA is just another kind of Sports Flying Equipment and all rules remained the same including the pilot licence!

ELSA DEFINITION 1/2

Aerodynamically controlled Sports Flying Equipment built by individual builder based on his own design or from the kit, fulfilling following requirements:

- (a) Maximum take-off mass not exceeding 600kg.
- (b) Stall speed in landing configuration (V_{S0}) not greater than 75 km/h (40,5 kts) CAS at maximum take-off mass and most critical position of CofG.
- (c) Maximum two seats.
- (d) One non-turbine engine.
- (e) Unpressurized cockpit.
- (f) Fixed wing aeroplane.

ELSA DEFINITION 2/2

- (g) Useful load WU not less than:
250 kg for 600kg maximum take-off mass
and
150 kg for maximum take-off mass less or equal to
450kg.
Value of the Useful load for maximum take-off masses
between 450kg and 600kg will be determined by
interpolation.
- (h) Maximum engine power 89kW (120k).

ELSA OPERATIONS

**THE SAME MICROLIGHT
RULES APPLY!**

ELSA PROBLEMS

**IF MTOM OVER 500KG DIFFERENT RULES
FOR INSURANCE APPLY = 2XMORE
EXPENSIVE THEN MICROLIGHTS**

**LIMITED TO CZECH REPUBLIC, FOREIGN
FLIGHT REQUIRE APPROVAL OF FOREIGN
AUTHORITIES**

CONCLUSION

ELSA is maximum what we can get outside EASA regulations.

QUESTIONS?

THANK YOU!