

TRENER (baby)

TRENER baby is a replica of Trener Zlin from the line 126, 226, 526; its acts therefore about two-seat low-winged aircraft of a spur type, adding with the tandem seats, with dual control and mixed structure.

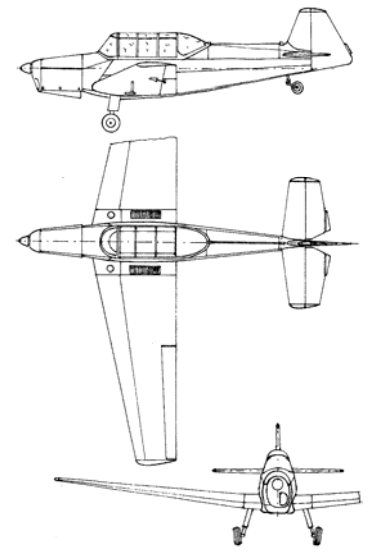
- FUSELAGE = welding from the steel tubes of a lattice-work, covered by the linen and partly by the metal plate
- TAIL SURFACE are dural constructions with the linen coating
- WINGS are monospar with diagonal spar and torsion box
 - two versions: a) wooden, over covered by the linen
 - b) all-metal
- LANDING GEAR - spur-type
 - two versions: a) fixed
 - b) retractable

TRENER baby flies equipped with the engines Mikron (65 or 75 hp) and a fixed wooden twin-blade propeller. Thanks to the preservation of original parameters of origin Zlin (though towards this origin aeroplane in reducing about 1/5 of its size), Trener has a lot of the quality of its model; it is therefore more easily adjustable and controllable.

The solo flight in Trener is regulated from the rear seat of the plane.



<i>Basic technical data of TRENER UL with the engine Mikron 75 hp</i>	<i>TRENER</i>
<i>Category</i>	<i>Ultralight</i>
<i>Span</i>	<i>8,68 m</i>
<i>Length</i>	<i>6,4 m</i>
<i>Height</i>	<i>1,8 m</i>
<i>Wing area</i>	<i>10,8 m²</i>
<i>Empty weight</i>	<i>296 kg</i>
<i>Max. take-off weight (MTOW)</i>	<i>450 / 472,5 kg</i>
<i>Load factor</i>	<i>+ 4 / - 2 G</i>
<i>V_{NE} (never-exceed speed)</i>	<i>225 km/h</i>
<i>Cruising speed</i>	<i>175 km/h</i>
<i>Stall speed</i>	<i>65 km/h</i>
<i>Rate of climb: Solo</i>	<i>4,5 m/s</i>
<i>Double</i>	<i>3,0 m/s</i>
<i>Fuel-consumption with the cruising speed</i>	<i>from 12 ls/h</i>



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