



STURM

STURM is a 2-seater fiberglass combat training aircraft.

The power plant is an gasoline engine and two five-blade fans (Ducted fan).

Specification

Length ----- 8.95 m

Wingspan ----- 8.05 m

Height (keels) ----- 3.0 m

Wing area ----- 10.0 m²

Max. takeoff weight ---- 1000kg

Fuel tank capacity ----- 280 l

Max. speed ----- 350 km / h

Cruising speed ----- 280-300 km/h

Takeoff speed ----- 150 km/h

Minimum speed ----- 130 km/h

Flight range ----- 1000 km

Dynamic ceiling ---- 4000 m

Engine ----- petrol 500hp/5000 rpm

Fuel ----- petrol, 95 octane

Takeoff weight ----- 1380 kg

Dry weight ---- 990 kg



weapon options (combat load - 600 kg on 4 hardpoints)

2 units of suspended containers UPK-23-200, S 91.33 with 23-mm guns GSh-23L

2 units of suspended containers GUV-8700L with 12.7mm Yak-B machine guns and 7.62mm GSh-7.62 machine guns

2 units of suspended containers GPU-2 / A with 20mm M197 cannons

2 units of FN Herstal HMP400 overhead containers with 12.7mm M3P machine guns

2 units of outboard containers SUU-11B / A with 7.62mm M134 Minigun machine guns

2 units of 60 kg bombs (FAB-50TsK)

2 units of 120kg bombs (OFAB-100-120)

2 units 122kg bombs Mk. 81

2 units of the UB-16/57-UMP (UD, UV, UMV) block with 57mm S5 unguided missiles

2 units of B-8S7 (B-8V7) block with 80mm S8 unguided missiles

2 units of LAU-131 / A block with 70mm Hydra unguided missiles

2 units of LAU-68D / A block with 70mm Hydra unguided missiles

2 units of M260 block with 70mm Hydra unguided missiles