

JT-5B Spesifications:

Dimensions:
Rotor Diameter 7.0 m (23 ft)
Length 3.55 m (11 ft 5.3 in)
Height 2.05 m (6 ft 7 in)
Areas:
Horizontal Stabiliser 0.82 sqm (8.82 sqft)
Vertical Stabilisers 0.73 sqm total (7.85 sqft)
Rudder 0.31 sqm (3.3 sqft)
Weights:
Emty Weight 165 kg (367 lb)
Gross Weight 280 kg (622 lb)
Power Plant:
Engine:1700-2000 ccm VW, 70-80 hp recommended
Propeller Diameter 1300 mm (51.2 in)
Pitch, adjust to give 2800....3200 rpm
Static Thrust Requirement, minimum 1300 N (290 lb)
Rotor :
Rotor rpm range 380-400 rpm
Prerotator 5 hp to give 250-300 rpm for rotor
Rotor Brake included

Scale: 1:10

Construction:

Rotor Blades:
Fiberglass sandwich construction
Polyurethane or PVC foam in trailing edge
Full span lead weights in leading edge
Fuselage:
Fiberglass/epoxy/honeycomb sandwich construction (vacuumbag method)
Load carrying structure of 4130 welded steel tubing.
Tail Surfaces:
Fiberglass/honeycomb and plastic foam sandwich construction.
Carbon fiber used in vertical and horizontal tail spars.
Propeller:
All fiberglass/epoxy
Landing Gear:
Fiberglass/epoxy springs

JT-5B is a development of the JT-5 autogyro designed and built 1969-1973. The main differences are a 100 mm bigger propeller diameter for better propeller efficiency and a lighter rotor head.

This dimension greatly depends on the weight of the cockpit , canopy, instruments and other equipment forward of CG. Therefore, check the CG position before final welding of the rotor mast end fittings.

Rudder Pedal Adjustm.
Throttle
Prerotator Lever
Wheel Brake
Control Lock
Ventilation
Canopy Latch

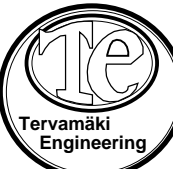
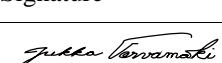
Scale: 1:5

Roll Control Stops $\pm 8^{\circ}$

Rotor control Stops $\pm 10^{\circ}$

Blade Flapping Stops $\pm 8^{\circ}$

Scale: 1:10

Tervämäki Engineering Jukka Tervämäki Harmaapaadentie 12A 00930 Helsinki, Finland		Signature	Date	Version
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AUTOGYRO JT-5B General View	Scale 1:5 1:10	Projection	No:01	