

# ***Exec 162 Specification***

## **Specifications**

Powerplant	RI 162F, 162 cu. in. (2659 cc)
Seats	2
Gross Weight	1500 lbs. (680 kg)
Empty Weight	975 lbs. (442 kg)
Equipped Useful Load	525 lbs. (238 kg)
Pilot and Passenger Load	425 lbs. (193 kg)
Fuel Capacity	17 U.S. Gallons (64 liters)

## **Performance**

Rate of Climb	1000 fpm
Hover In Ground Effect	7000 ft.
Hover Out Of Ground Effect	5000 ft.
Service Ceiling	10,000 ft.
Range, Max. Fuel Cruise	180 mi./2 hrs.
Normal Cruise	95 mph (83 knots)
Max. IAS, Sea Level/Standard Day	115 mph (100 knots)

## **Basic Dimensions**

Main Rotor Diameter	25 ft. (7.6 meters)
Tail Rotor Diameter	50-1/4 in. (1.2 meters)
Length, Nose to Tail	22 ft. (6.7 meters)
Overall Length	29-1/2 ft. (9 meters)
Cabin Width	44 in. (1.1 meters)
Skid Width	65 in. (1.6 meters)
Height	96 in. (2.4 meters)

## **RI 162F Engine**

Manufacturer	RotorWay International
Configuration	4 Stroke, 4 Cylinder Piston Engine
Rated Horsepower @4250 RPM	150
Torque @4250 RPM	185 ft.lb.
Maximum Torque @3950 RPM	191 ft.lb.
Displacement	162 cu. in. (2659 cc)
Cooling	Liquid Cooled
Engine Dry Weight (including main drive pulley, flywheel, water manifolds, dual ignition systems, and starter)	187 lbs. (85 kg)