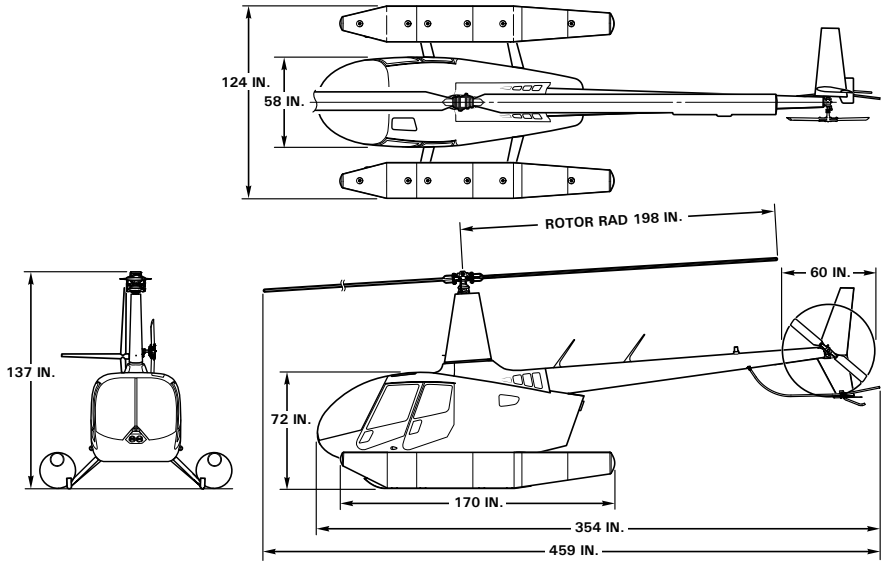
# SPECIFICATIONS

| R66 TURBINE MARINE | |
|---|---|
| Engine | Rolls Royce RR300 turbine |
| Horsepower | 300 shp turboshaft; derated to 270 shp for takeoff and 224 shp continuous |
| Maximum Gross Weight | 2700 lb (1225 kg) |
| Approximate Empty Weight (including oil & std avionics) | 1345 lb (610 kg) |
| Fuel Capacity (73.6 gal) | 493 lb (224 kg) |
| Pilot, Passenger and Baggage (with maximum fuel) | 862 lb (391 kg) |
| Cruise Speed (floats stowed) | up to 120 kts (138 mph) |
| Maximum Range (no reserve) | approx 350 nm (400 sm) |
| Hover Ceiling IGE at Maximum Gross Weight | over 10,000 ft |
| Hover Ceiling OGE at Maximum Gross Weight | over 10,000 ft |
| Rate of Climb | over 1000 fpm |
| Maximum Operating Altitude | 14,000 ft |
| Electrical System | 28 volt |

# DIMENSIONS

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R66® TURBINE MARINE

# R66 TURBINE MARINE

Outfitted with pop-out floats, the Turbine Marine offers an additional level of safety for over-water travel.

Designed for emergencies, the six-chamber floats inflate within 2-3 seconds of activation. A lever on the pilot's collective releases pressurized helium from a tank located under the aircraft's right rear seat. The activation lever uses a mechanical pull cable and does not rely on an electrically actuated system for inflation. Floats may be activated and flown at speeds up to eighty knots

The installation adds approximately sixty-five pounds to the helicopter's empty weight. When not in use, floats roll-up and stow in protective covers along the aircraft's landing skids. The streamlined, low profile design minimizes drag and allows for easy entry and exit of the cabin.

## MAINTENANCE

Pop-out floats require preflight verification of the helium tank pressure, annual leak checks and must undergo emergency deployment tests every three years.

The R66 Turbine Marine with floats inflated is approved for periodic training and limited amphibious use at reduced gross weight.


*Simulated emergency landing*