



PRESS RELEASE
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ROBINSON INTRODUCES THE TWO-PLACE R44 CADET

Torrance, CA – Robinson Helicopter Company plans to debut the R44 Cadet, a two-place R44, in the first quarter of 2016. While suitable for a wide variety of utilitarian applications, Robinson developed the Cadet with the training market in mind.

The Cadet retains the same basic airframe, rotor system, and Lycoming O-540-F1B5 engine as the R44 Raven I; however, the rear seats have been removed and the aft compartment reconfigured for cargo. Maximum gross weight is 2200 lb (200 lb less than the Raven I). Engine power is derated to 210 HP takeoff/185 HP continuous (down from 225/205 HP in the Raven I). The lower weight and derated power provide increased performance margins at high altitudes. Also, with a newly designed muffler, the Cadet's flyover noise signature is more than three decibels lower than the current R44 Raven I.

A variety of optional equipment will be available including air conditioning, autopilot, and avionic packages optimized for VFR or IFR training.

FAA certification is well underway with final flight tests expected before the end of the year. The base price for the Cadet will be lower than the R44 Raven I and will be announced prior to Heli-Expo 2016.

Founded in 1973, Robinson Helicopter Company is the world's leading manufacturer of civil helicopters. For additional information, visit www.robinsonheli.com.

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R44 Cadet



R44 Cadet Specifications

Engine	Lycoming O-540-F1B5, 260 HP (Derated to 210 HP Takeoff, 185 HP Max Continuous)
Seating Capacity	2
Max Gross Weight	2200 lb (996 kg)
Approx Empty Weight.....	1432 lb (650 kg)
Fuel Capacity.....	46.5 US gallons/279 lb/126 kg usable
Pilot, Passenger, and Baggage Capacity With Full Fuel.....	489 lb (268 kg)
Cruise Speed.....	Up to 110 kts (127 mph/204 kph)
Max Range (no reserve)	Approx 300 nm (345 sm/556 km)
Hover Ceiling IGE @ Max Weight (Standard Day)	8750 ft (2667 m)
Hover Ceiling OGE @ Max Weight (Standard Day)	5250 ft (1600 m)
Rate of Climb.....	over 1000 fpm
Max Operating Altitude	14000 ft (4267 m)