



Dolphin – HH-65A Helicopter

Crew: 2 to 4

Original Cost: \$3,254,400

Overall Length: 44 feet, 5 inches

Rotor Diameter: 39 feet, 2 inches

Overall Height: 13 feet

Fuel Capacity: 291 gallons

Engine: Lycoming LTS-101-750B -

2 Gas Turbines

Speed: 165 knots

Range: 400 nautical miles

Endurance: 3.5 hours

For more information on the Coast Guard visit the Internet at <http://www.uscg.mil>. For recruiting information call 1-877-NOW-USCG.

General Information: The United States Coast Guard added 96 short range HH-65A helicopters to the fleet with the first delivery in 1985. The twin-engine Dolphins operate up to 150 miles off shore with a crew of four.

Though normally stationed ashore, the Dolphins can be carried on flight-deck equipped Coast Guard cutters.

Helicopters flying from icebreakers are the ship's eyes to locate objects over the horizon. They also airlift supplies to ships and villages isolated by winter. HH-65As are made of corrosion-resistant, composite-structure materials. The shrouded tail rotor is unique to the Dolphin.

Also a unique feature of the Dolphin is its computerized flight management system which integrates state-of-the-art communications and navigation equipment. This system provides automatic flight control. At the pilot's direction, the system will bring the aircraft to a stable hover 50 feet above a selected object. This is an important safety feature in darkness or inclement weather. Selected search patterns can be flown automatically, freeing the pilot and copilot to concentrate on sighting the search object. The HH-65A's operational equipment suite exceeds

anything previously packaged into one helicopter weighing less than 10,000 pounds. Aero Spatial Helicopter Corporation in Grand Prairie, Texas, manufactures the Dolphin. Textron Lycoming builds the LTS-101 750B-2 turbo shaft engines in Williamsport, Pennsylvania and Rockwell International, Collins Avionics Group manufactures the electronics system in Cedar Rapids, Iowa.

Missions: The HH-65As conduct missions of search and rescue, enforcement of laws and treaties, including drug interdiction, polar ice breaking, marine environmental protection including pollution control, and military readiness.

13th District HH65A helicopters are at:

(3) Port Angeles, Wash.

(5) North Bend, Ore.



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