



NATO helicopter



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NH90 Global Fleet Figures

In-service Aircraft	Customers	Operating Countries	Total Flight Hours
360	18	14	189.000 +

NH90 Key Features

- The NH90 Partnership, while taking the best from the European Rotorcraft and Defense Industries, was developed in collaboration with Airbus Helicopters, Leonardo Helicopters and Fokker. The NH90 was designed to meet NATO's requirements for a modern medium-sized multi-role military helicopter, operable in land and maritime operations.
- Developed in two versions – Tactical Transport Helicopter (TTH) and NATO Frigate Helicopter (NFH) – the NH90 is well suited for operations in the most demanding conditions over land and sea, day and night.
- With a wide modular cabin, large sliding doors on each side and a rear ramp, the NH90 can be rapidly configured for such missions as troop transport with a seat configuration of up to 20 passengers, light vehicle transport and casualty evacuation.
- The NH90's highly integrated system and glass cockpit facilitate the crew's control and interface with helicopter systems, communications, flight, navigation and mission aids. This enables effective management for mission success and safety in all operating conditions reducing the crew's work load.
- The TTH variant has fulfilled missions in Afghanistan, Mali, Iraq, and Gabon. Disaster relief missions have been carried out in the Philippines, Vanuatu, Timor, Fiji, Caribbean, Italy and New Zealand.
- The NFH variant has fulfilled missions along the East African Coast, in the Persian Gulf, the Indian Ocean, and the Caribbean, Mediterranean and North Seas.

Main Missions

- **Tactical Transport:** the NH90 TTH variant is configured to perform tactical transport missions in all environments by day and night (including NVG). The NH90 TTH's mission flexibility allows its users to perform additional roles such as internal/external load transport, heli-sniping operations, special operations, search and rescue, and medical/casualty evacuation.
- **Maritime Operations:** the NH90 has been developed as a primary maritime weapon system for Anti-Submarine Warfare (ASW) and Anti Surface Warfare fleet's defense. Complementary missions include medical/casualty evacuation, counter-terrorism, anti-piracy, maritime surveillance and utility support either from ship or from land. Safe touchdowns during the day, at night and in adverse weather conditions are facilitated by the NH90's advanced navigation and ship landing aids.

Key Dates

- December 1995: First flight (Prototype 1)
- 2006: First serial helicopter delivery
- April 2016: NH90 celebrates 100,000 flights hours
- December 2016: 300th delivery

Technical Specifications

NH90 TTH

- Maximum take-off weight: 10,600 kg
- Engine: choice between 2 RTM 322-01-9 or T700 T6E1 FADEC
- Two pilots and up to 20 troops
- Performance
 - Max speed: 162 kts / 300 km/h, Fast cruise speed: 147 kts / 272 km/h
 - Max range: 908 km / 490 NM
 - Max endurance: 5h without reserve

NH90 NFH

- Maximum take-off weight: 11,000 kg
- Engine: choice between 2 RTM 322-01-9 or T700 T6E1 FADEC
- Two pilots and up to 14 troops
- Performance
 - Max speed: 162 kts / 300 km/h, Fast cruise speed: 147 kts / 272 km/h
 - Max range: 834 km / 450 NM
 - Max endurance: 5h without reserve

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