Military version of the H160, 6-tonne class

Benefitting from all innovations developed by Airbus Helicopters for the H160:
- A brand new platform with 68 new patents
- Developed with innovative tools and methods accelerating aircraft maturity at entry-into-service in 2020
- Designed with accessibility in mind to ease maintenance: aircraft and engine maintenance plans fully aligned, aiming at high availability rates for reduced maintenance costs
**H160M**

**One single platform**

- **H160M** = a true multi-role aircraft
  - One single versatile platform for a wide range of missions
  - Modular architecture for quick mission reconfiguration
  - Fleet rationalization: one type of helicopter instead of several specialized types, aiming at reducing maintenance and training costs, and improving operational flexibility

- **Typical missions:**
  commando infiltration, national airspace protection, air intercept, search and rescue, anti-surface warfare, naval force protection, maritime security, maritime environment monitoring and intelligence, reconnaissance, special forces, C4I.

- **Designed with the French armed forces:**
  **H160M** configuration is the result of 10 years of joint collaboration between Airbus Helicopters and the 3 different French Armed Forces
H160M Key platform characteristics

Platform key characteristics:
- Powered by latest-generation fuel-efficient engines certified June 2019: 2x Safran Arrano (1280 shp)
- Performance: 458 nm range (MTOW, ISA+20, 20min reserve, cruise at best range speed (VBR) 5000ft)
- Modular and wide cabin, with capacity for:
  - 2 pilots and 5 fully equipped commandos (12 passengers in civil configuration)
  - SAR with up to 2 pilots, 2 stretchers and 5 troops,
  - Integration of side-mounted weapons (machine gun and snipers) enabling fire delivery on both sides simultaneously.

Latest generation avionics from Thales (FlytX) with 4 screens:
- Greater surface area to display all relevant information for the crew on landscape-format 15 inch screens
- Designed to decrease pilots workload thanks to tactile and intuitive interface
- Open-world compatible, customizable and evolutive
H160M

Main mission equipment

→ Main equipment:
  → Detection: EOS Euroflir 410, Thales tactical radar
  → Discretion and protection: complete self-protection system, infrared suppressors, armour plating
  → Naval capacity: harpoon, blade folding, reinforced landing gear
  → Weapons:
    - Axial side-mounted armament: Sea Venom (MBDA) anti-ship missile, HForce with 12.7mm machine gun and capacity for laser-guided rockets and 20mm cannon.
    - Cabin-mounted armament: 7.62mm pintle machine gun, pintle sniper rifle
  → Air-to-air refuelling probe: technical feasibility demonstrated, development launch to be confirmed by French Armed Forces
H160M Main mission equipment

→ French HIL (Joint Light Helicopter) programme aims at replacing 5 ageing fleets in French Army, Navy and Air Force service:
  → 169 helicopters to be delivered
  80 for the Army, 49 for Navy, and 40 for Air Force

→ Key factors for H160M selection by French Ministry of Armed Forces:
  → Demonstrated ability of the H160M to perform all requested Army, Navy and Air Force missions
  → Reduced maintenance costs, thanks to:
    ˣ Fleet rationalization
    ˣ H160M being based on the civil H160: volume effect generating reduced components maintenance costs and better coverage against future obsolescence risks

→ Key Dates:
  ˣ Programme launch in 2021
  ˣ Prototype first flight in 2023
  ˣ Deliveries beginning in 2026 starting with the French Army, followed by the French Navy in 2028 and then the French Air Force
Thank you