A talented aircraft
The H125M is Airbus Helicopters' 2-ton class answer to Armed Forces requirements. Easy to operate in extreme and harsh conditions, this Armed Scout helicopter combines safety and performance.

A very small footprint, providing low detectability.

Incredibly manoeuvrable and agile, the H125M is perfectly designed to perform combat flight nap of the earth (NOE). The H125M is naturally stealth and NOE increases its protection against military threat. This Armed Scout helicopter is suitably involved all over the operational spectrum thanks to its incremental and modular weapon system HForce. This system provides the capacity to rapidly mount or dismount any kind of weapon on its strong beams. The H125M also proves to be a stable firing platform at night and day.

Easy to maintain and to fly.

This aircraft includes all the proven characteristics of the civilian H125 version, such as state-of-the-art technology and low operating costs. Its simple design, reliability of equipment, low fuel consumption and light maintenance make the H125M the most cost effective Armed Scout helicopter, which benefits from an easy field maintenance. The H125M is a multi-role helicopter matching any of the following missions:

- Armed Scout
- Light Utility
- Training
Armed Scout to light Attack missions
The strongest helicopter of its class, the H125M combines power, discretion and firing ability.

Fitted with a powerful TURBOMECA Arriel 2D engine equipped with a dual channel Full Authority Digital Engine Control (FADEC®) system this world altitude record holder (Mount Everest, 8,850m, May 2005) can perform extreme combat flight in high and hot conditions (The H125M is fully operational from the highest altitudes - 7,000 m / 23,000 ft- to the hottest sandy environments - + 50°C / 122°F). Its Vehicle and Engine Multifunction Display (VEMD®) provides accurate information concerning the performance and condition of aircraft, dramatically reducing the crew’s workload.

One hundred percent focused on their missions, pilots will never miss out on any power while battle captains will uses the incremental and modular weapon system HForce, the best equipment available today on a combat helicopter of this size.
Low Detectability
Able to fly safely in the battlefield thanks to its slim silhouette, the H125M emits a low IR/radar signatures.

NOE Capability
The H125M behaves with an outstanding manoeuvrability when performing combat flight. Easy to fly and to fight it will forgive you a lot because of its high power reserve.

Armed Missions
The H125M relies on a very large array of qualities to fly air missions with the primary purpose of locating and attacking targets of opportunity. Tracking armoured vehicles, it observes, identifies and reports. This discreet but robust reconnaissance helicopter is able to destroy any threat stand alone or to transfer the target to the fires of friendly attack helicopters. At ease through the entire operational spectrum, the H125M safely escorts vehicles and utility or attack helicopters leaving them the opportunity to remain focused on their own missions. Ready to answer any distress call from troops in contact (TIC), it will accurately fire with force.

HForce
A plug and play weapon system allowing to turn a regular aircraft into a light attack helicopter. Everything begins with option 0: HForce ready (Fixed parts & harness for easy retrofit).
Light Utility

With a versatile 3 m$^3$ flat floored cabin, the H125M offers real flexibility. It is integrated with a broad array of equipment enabling it to perform the widest range of missions.

The H125M offers a proven platform ready for the wide range of utility missions:

Military missions:
- Tactical Transport
- Command & Control (C2)

Civil Missions:
- Public Services
- Aerial Work
Tactical transport
Small helicopter with a roomy cabin, the H125M can easily transport four equipped soldiers to their destination and also performs MEDEVAC missions.

Command and Control
The H125M has the greatest range in its category, which allows Tactical Air Control parties to effectively guide attack helicopters or Close Air Support (CAS) fixed wing aircraft to their targets from a roomy and very handy flying cabin. Command and control is easy and comfortable for any military on duty who appreciates night and day visibility and ergonomics. In this helicopter, there is no separation between the cockpit and the cabin, and the field of view is excellent, even from behind.
Training

Simple to implement but well equipped, the H125M is a perfect tool for basic and advanced single engine instruction. Beginning their training with the H125M, trainees from Armed Forces will learn to fly from their first hover up to night vision goggle tactical fires on the same platform.

- Basic flight
- Navigation
- Night flight
- Night Vision Goggles flight
- Combat flight (NOE)
- Cargo swing
- Fire
- Instrument flight
The strongest Armed Scout helicopter of its class, the H125M combines power, discretion and the ability to fire.

Fitted with a powerful TURBOMECA Arriel 2D turboshaft engine equipped with a dual channel FADEC, this world altitude record holder (Mount Everest 8,850 m, May 2005) can perform extreme combat flight in high and hot conditions. The H125M is fully operational from the highest altitudes (7,000 m / 23,000 ft) to the hottest sandy environments (+ 50°C / 122°F). Its Vehicle and Engine Multifunction Display (VEMD®) provides accurate information concerning the performance and condition of the aircraft, dramatically reducing the crew’s workload.

The VEMD® on the instrument panel, a new generation of integrated instrumentation, allows the pilot to see at first glance the main vehicle and engine parameters on a dual LCD screen. The sophisticated VEMD® monitoring system ensures that the pilot can concentrate on his primary task and decreases his workload. This aircraft also allows night flight thanks to the cockpit compatibility with night vision goggles. The H125M is the best compromise between transport capacity and operating range in its category. Its low implementation cost makes it a remarkable training tool.

New Turbomeca Arriel 2D engine:
High performance, Reliable and Low Maintenance Cost

- The legendary reliability of the Arriel: the Arriel family has over 37 million flight hours of experience
- Modular design
- New dual-channel Full Authority Digital Engine Control (FADEC) generation is backed-up with one independent control system to enhance safety and cancels pilots' training for manual engine regulation. It also ensures engine monitoring, providing it with the correct fuel, air and ignition ratios required for optimum performance with minimum fuel expenditure to suit any given exterior condition.
- Engine Data Recorder: it manages cycle countings for more anticipated maintenance.
- Time Between Overhaul (TBO): Engine TBO and maintenance inspection intervals 4,000h (extension target value: 6,000h).

State of the art technology
- Extensive use of composite material
- STARFLEX® rotor head: no lubrication required, small amount of parts
- Interchangeable composite main rotor blades, infinite life, no corrosion
- Bearingless composite tail rotor blades.
HCare Service Offer

To contribute to helicopters’ availability optimization, Airbus Helicopters puts at operators’ disposal a robust worldwide-spread support and a wide choice of services that have been elaborated according to Customers operational return of experience from the field.

Airbus Helicopters is always seeking for better efficiency, and has made the choice to be present in every areas of the globe, with regional organization and industrial means, at the closest from operations.

To better answer the various mission needs we first have set-up a comprehensive material management offer:

• HCare Easy: On-catalogue services
• HCare Smart: Contractual By-the-Hour programs
• HCare Infinite: Complete support solutions

Our global distribution network, composed of Logistics platforms, regional and local inventories, ensures efficient and cost-effective deliveries anywhere, anytime.

Our Customer Centers manage customer relation on a daily basis, and answer to any operators’ request to make sure you will get full benefit from your helicopters.

They are equipped with latest generation installations, experienced and trained technician teams, capable to offer local helicopter maintenance solutions either in our workshops, or at your premises.

Our team of more than 150 qualified Tech-Reps provides on-site Technical Assistance, and perform On-the-Job Training to operators’ technicians for first-class maintenance operations.

Airbus Helicopters Technical Expertise organization answers to all technical requests, and support you with a 24/7 service around the clock.
To optimize flight and maintenance operations, we offer local Training Centers with state-of-the-art means such as Full Flight Simulators (FFS) or Flight Navigation Procedure Trainers (FNPT), and full-scale mock-ups for technicians.

Pilots’ proficiency can be enhanced within your flight environment thanks to pilots’ accompaniment and mission operational courses performed on-site.

Airbus Helicopters through its Connected Services opens a new way of interacting with its customers. Such solutions pave the way to faster and easier data exchange between the helicopter manufacturer and operators. This exchange highly contributes to continuously improves the support and performance of your helicopters.

We propose two suites of services:

- **HCare Flight**: support of Flight Operations
- **HCare Fleet**: support of Maintenance Operations

Whatever the time and wherever you are, access all services online just a click away.
Characteristics

The Airbus Helicopters weapon system includes:
• A multipurpose mission computer
• An EO/IR with Infra Red camera, TV and laser range finder for observation, acquisition and tracking of targets as well as a laser designator to engage guided weapons when fitted
• A ballistic targeting system based on a Helmet Mounted Sight and Display
• Two multi purpose weapon carriers with slaving units and release units
• A choice of weapon: gunpod, unguided and guided rockets and air-to-ground missiles.
### Ecureuil / H125M family:

- 4,890 delivered, over 22 million flight hours, some 1,600 customers in 110 countries, fleet leader 30,400 flying hours

* 400 military helicopters already ordered by 44 armed forces in 35 countries

### CAPACITY

<table>
<thead>
<tr>
<th></th>
<th>1 pilot + 5 passengers (standard version)</th>
<th>1 pilot + 4 passengers (comfort version)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passenger transportation</td>
<td>1 pilot + 4 passengers (comfort version)</td>
<td></td>
</tr>
<tr>
<td>Troop transportation</td>
<td>1 pilot + 4 soldiers</td>
<td></td>
</tr>
<tr>
<td>Casualty evacuation</td>
<td>1 pilot + 1 stretcher patient + 2 doctors</td>
<td></td>
</tr>
</tbody>
</table>

### WEIGHTS

<table>
<thead>
<tr>
<th></th>
<th>kg</th>
<th>lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum take-off weight</td>
<td>2,250</td>
<td>4,960</td>
</tr>
<tr>
<td>MTOW with jettisonable armament</td>
<td>2,450</td>
<td>5,401</td>
</tr>
<tr>
<td>Maximum take-off weight with external load</td>
<td>2,800</td>
<td>6,172</td>
</tr>
<tr>
<td>Empty weight</td>
<td>1,265</td>
<td>2,789</td>
</tr>
<tr>
<td>Useful load</td>
<td>985</td>
<td>2,171</td>
</tr>
<tr>
<td>Maximum cargo-swing load</td>
<td>1,400</td>
<td>3,086</td>
</tr>
<tr>
<td>Standard fuel capacity</td>
<td>426</td>
<td>939</td>
</tr>
</tbody>
</table>

### ENGINE

1 TURBOMECA ARRIEL 2D

### PERFORMANCE

<table>
<thead>
<tr>
<th></th>
<th>km per hr</th>
<th>kts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum speed (Vne)</td>
<td>287</td>
<td>155</td>
</tr>
<tr>
<td>Fast cruise speed (at MCP)</td>
<td>248</td>
<td>134</td>
</tr>
<tr>
<td>Recommended cruise speed</td>
<td>208</td>
<td>112</td>
</tr>
<tr>
<td>Rate of climb</td>
<td>9.8 m per sec</td>
<td>1,935 ft per min</td>
</tr>
<tr>
<td>Service ceiling</td>
<td>7,000</td>
<td>23,000</td>
</tr>
<tr>
<td>Hover ceiling OGE at ISA, MTOW, take-off power</td>
<td>3,383</td>
<td>11,100</td>
</tr>
<tr>
<td>Maximum range without reserve at Recommended Cruise Speed</td>
<td>600</td>
<td>351</td>
</tr>
<tr>
<td>Endurance without reserve at 100 km per hr-54 kts</td>
<td>&gt; 4 h</td>
<td></td>
</tr>
</tbody>
</table>
Contacts
For more information, please contact:
marketing.helicopters@airbus.com