

HELICOPTERS

H145M

AIRBUS

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AIRBUS

RAISING STANDARDS TO PERFORM DECISIVE TACTICAL MISSIONS IN A COMPLEX ENVIRONMENT.

The H145M, based on the proven iconic H145, is the future for successful military operations in complex environments.

With the best of Airbus technology, the H145M will exceed your expectations, delivering forces and materials with the minimum of delay, acquiring information and interpreting it, rapidly applying accurate fire power to destroy enemy or to support friendly forces in contact.

The H145M is the best and most cost effective solution to empower your Force.





THE BATTLEFIELD SUPPORT AND MARITIME SECURITY HELICOPTER BY AIRBUS

Designed for a wide range of demanding missions, the H145M has been optimized to conduct intelligence, transport or fire missions at survivable stand-off range, by day or by night, in adverse weather or obscured visibility and in the presence of deception or countermeasures.

The new H145M was built on customers' feedback. Its impressive additional 150kg of useful load increase its mission capacities and over 50% of its MTOW is useful load. H145M is now one of the leaders when it comes to a smooth flying experience and goes also further to improve its ability to operate and land in confined areas. This light-twin leader has further simplified its maintenance with the new advanced bearingless and hingeless five-blade main rotor. Each blade is essentially made of two parts, which facilitates the process of installation and removal.

TRUST H145M AGILITY.

This helicopter has an optimized weight to power ratio which confers unique agility, maneuverability and tactical flight capability (NOE) to operate safely in the most severe conditions at maximum takeoff weight.

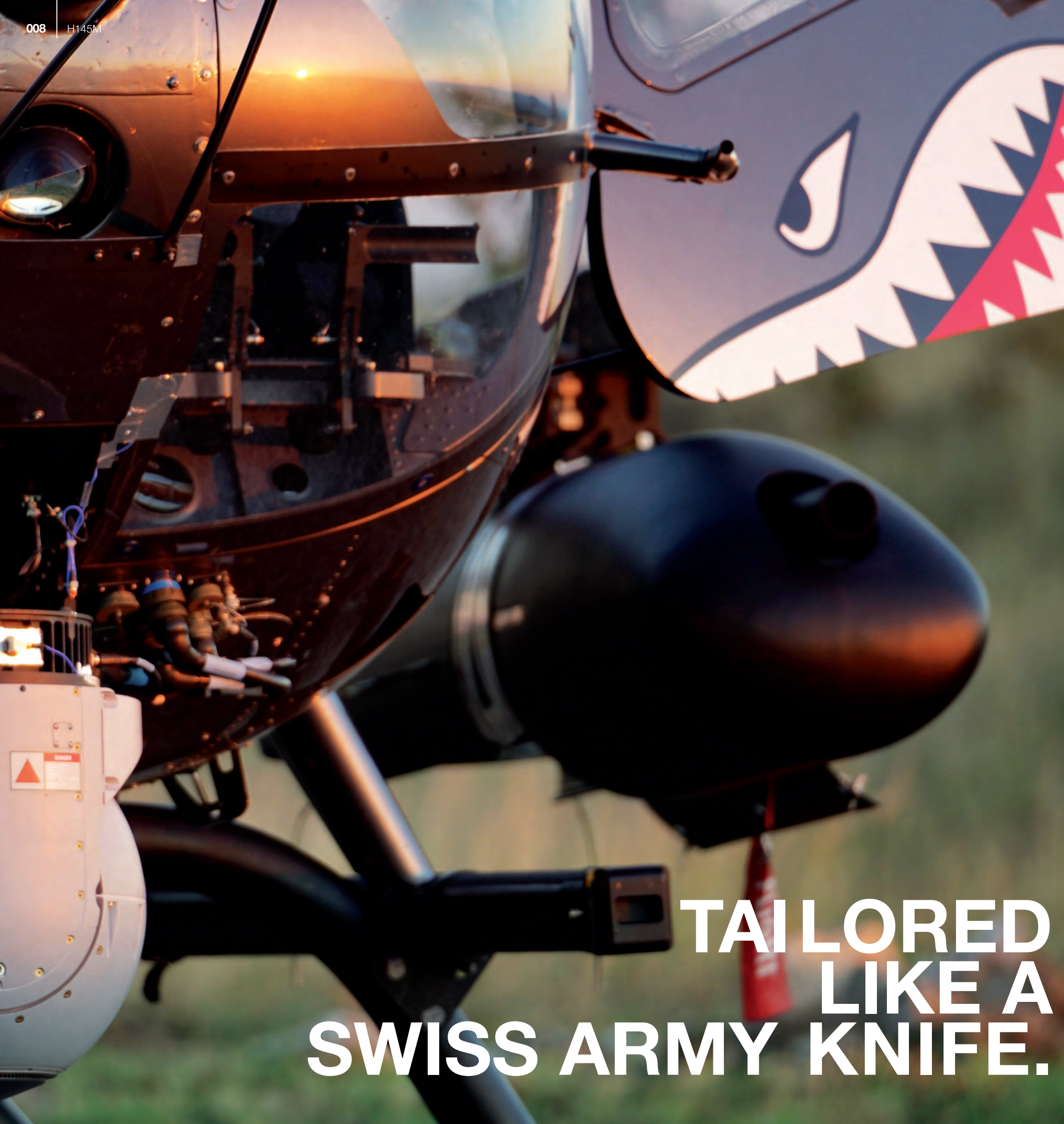




THE H145M - GIVING YOU THE ADVANTAGE.

Equipped with two very powerful Safran Helicopter Engines Arriel 2E, providing outstanding performance in high and hot environments and with vital power reserves in One Engine Inoperative (OEI) scenarios.

This helicopter makes the difference to create surprise.



TAILORED LIKE A SWISS ARMY KNIFE.



No matter what the emergency, the H145M quick role change concept allows to easily and quickly fit its flat floor with a wide range of available equipment.

Choose your configuration (from light attack to troop transport, cargo transport or aeromedical evacuation) and the H145M is at your disposal without compromise.

Whatever the operational requirement, the H145M can be quickly fitted with axial weapons offering heavy fire power or with a pintle mount machine gun for self protection.

HForce® THE GAME CHANGER.

The new generation HForce® weapon system offers the H145M an incremental and modular lethal armament suite capable to engage safely by day & night in a non permissive environment, a wide range of soft and hard targets.

Building on 50 years' experience in helicopter weapons integration, Airbus offers the best firing computation and weapons' solutions.

The heir of the Tiger.





H145M HForce[®], EMPOWERED BY TECHNOLOGY AND EXPERIENCE

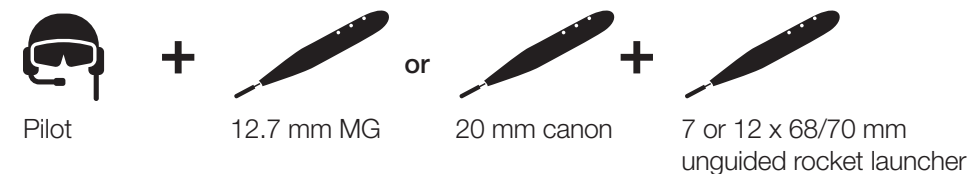
The H145M HForce[®] in “Attack” configuration can handle all types of tactical scenarios, from “asymmetrical” to “high density” engagements.

Option 0:

HForce[®] ready (Fixed parts & harness for easy retrofit).

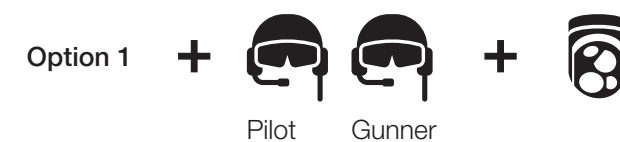
Option 1:

Armed Scout (Ballistic firing with HMSD Pilot)



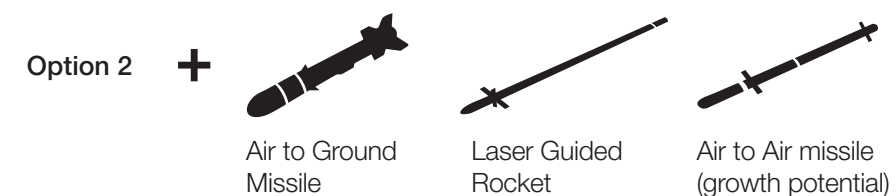
Option 2:

Ground Fire support / Escort (Ballistic firing with HMSD & EOS)



Option 3:

Attack (Ballistic firing with HMSD + Guided firing with EOS)



HMSD: Helmet-Mounted Sight & Display. **EOS:** Electro Optical System.





OUR COMMITMENT REMAINS THE SAME, TO PROTECT YOU.

The Fenestron® tail offers high discretion and unique combat survivability. Electric and hydraulic redundancies give low vulnerability. Survivability is ensured with a high performance Electronic Warfare system and high safety for your boarding passengers.

A MEDIUM MULTIROLE FOR MARITIME SECURITY MISSIONS

Performances and equipment versatility are making H145M a key asset for maritime missions.

From search and rescue to exclusive economic zone maritime picture, through illegal fishing or full anti-piracy actions, H145M supports you on shore or off shore with its ship borne capabilities.

Full rearward main rotor blade folding system available as an option.



WHEREVER YOUR TROOPS WAIT FOR YOU, THE H145M IS ON TIME.

The H145M can be easily transported.
Its compact external dimensions allow easy
tactical deployment overseas for optimal reactivity.



ULTIMATE AIRCRAFT ULTIMATE CONFIDENCE FOCUSED ON THE MISSION.

Easy to fly whatever the environment, the H145M is equipped with highly reliable technology which ensures the highest levels of safety and survivability. The intuitive human machine interface of the cockpit (Helionix®) coupled with the unrivalled 4 axis autopilot allows significant crew workload reduction while increasing both mission efficiency and flight safety.

The unique wireless Airborne Communications Server (wACS) linked to Helionix enables easy and secured data exchange.



NEW TECHNOLOGY BASED ON CUSTOMER EXPECTATION, INTUITION, IMAGINATION AND INNOVATION.

Ceiling and visibility unrestricted.

A successful solution for degraded visual environments (DVE) that maintains pilot situational awareness while keeping crew task load to a minimum.

With H145M, communication is no longer a major challenge in operations. A Command, Control, Communications, Computers and Intelligence (C4i) suite to support operation with high performance information technology to achieve better and faster decisions.

Bringing you the future with Manned-Unmanned Teaming (MUM-T): enhance situational awareness, decision making and mission effectiveness onboard H145M with the ability to control and receive sensor data from unmanned aircraft systems.





FULFILL MISSIONS WITHOUT RESTRICTIONS.

The H145M benefits from the reliability and maturity of the civil H145 and of the LUH Lakota in operation with the US army (more than 450 aircraft since 2006).

The H145M has unrivalled battlefield sustainability with an availability rate greater than 95%.





1 or 2
pilots

+

Up to 10
troops



1
pilot

+

6.03m³
in cabin and cargo compartment



1 or 2
pilots

+

Up to 2
stretcher patients

+

Up to 3
medics



130kts
Fast cruise speed

344NM
Max. range

20,000ft
max. altitude



1,893kg
useful load
baseline aircraft

1,600kg
maximum dual
cargo hook

3,800kg / 8,378lb
MTOW




12,490ft
hover in ground effect (HIGE)
at MTOW, ISA

8,955ft
hover out of ground effect (HOGE)
at MTOW, ISA



709kg / 1,523lb
Std. fuel tank capacity

884kg / 1,949lb
With aux. fuel tank



H145M IS THE ULTIMATE MULTIROLE HELICOPTER EMPOWERED BY A HIGH END WEAPON SYSTEM.

Rugged and proven, the H145M is ready to fulfill the whole spectrum of firing missions, from armed reconnaissance and ground fire support to maritime security and attack in the most demanding environments.

With an exceptional availability rate, the H145M is the best and most cost effective solution to empower your Force.