



BELL 407M

ARMED SCOUT, MILITARY MULTI-ROLE HELICOPTER

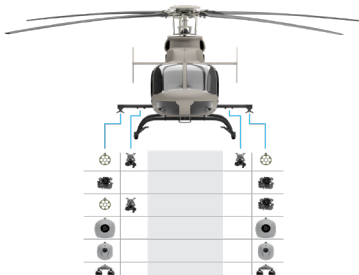
Leveraging the OH-58 lineage with more than 750,000 combat flight hours, the Bell 407M packs a potent punch. Equipped with state-of-the-art avionics and advanced weapons systems, the Bell 407M stands ready to meet a broad range of missions on the battlefield, even in the harshest of operational environments. The Bell 407M is the ideal modern multi-role solution for today's war-fighters.

ABOVE AND BEYOND:

MISSION-CONFIGURABLE

- Light Attack
- Special Operations
- Armed Reconnaissance
- Command and Control

BALLISTIC & GUIDED WEAPONS



- 12.7 mm Gun/Gun Pod
- 7.62 Mini Gun/Gun Pod
- 7 Shot Rocket Pods
- 70 mm Hydra/APKWS Rockets
- Pintle Mount Option
- HELLFIRE/Griffin Options

ARMED CONFIGURATION OPTIONS

- The TekFusion Global (TFG) PATHFINDER™ Mission Management System
- TFG Weapons Management System
- Night Vision Goggle (NVG) Compatible Cockpit
- Advanced EO/IR Sensor
- CFD International 2-4 station Ordnance Management System (OMS)

PERFORMANCE FEATURES

- Highest in class range and payload, enabling longer time on station
- 6,000 lb. external maximum gross weight (MGW) for increased weapons stores
- Provides hydraulic and stability augmentation to reduce pilot workload and increase weapon accuracy
- Instrument Flight Rules (IFR) Capable
- Optional blade folding kit for smaller hangar footprint
- G1000H® Garmin NXi Cockpit with dual-channel FADEC
- Three-axis autopilot kit
- Bell's industry leading OEM Support

TECHNICAL SPECIFICATIONS¹

Performance at Max Gross Weight		
VNE	120 kts	222 km/h
Range at VLRC ²	284 nm	526 km
Max Endurance ²	3.8 hrs	
Capacities		
Configurable Seating	1 + 6 (max)	
Standard Fuel	127.8 US gal	483.8 liters
Aux Fuel	19 US gal	71.9 liters
Baggage Compartment Volume	16 ft ³	0.5 m ³
Weights		
Empty Weight (Base 407GX _i)	2,700 lbs	1,224 kg
Max Gross Weight (Internal, Standard)	5,250 lbs	2,381 kg
Max Gross Weight (External Load)	6,000 lbs	2,722 kg
Useful Load (Internal, Std. Base 407GX _i)	2,550 lbs	1,156 kg
Cargo Hook Capacity	3,100 lbs	1,406 kg

¹ Final performance data to be determined after configuration finalization
² Std Max GW, ISA, Std. fuel - no reserve at sea level and 4-stations of guns and rockets are included in the performance calculation
³ Does not include copilot volume of 20ft³ /0.6m³



ON TARGET

Designed by former special operations personnel, The TekFusion Global (TFG) PATHFINDER™ Mission Management & Weapons Management Systems provide enhanced functionality and situational awareness while reducing pilot workload.

SURVIVABILITY FEATURES

- Superior auto-rotational characteristics at MGW
- Armored pilot seats
- Defensive counter measures
- Self-sealing fuel system
- Ballistic-tolerant main rotor blades
- Infrared suppression system
- Transmission meets US Army 30-minute run-dry specifications
- Rollover bulkheads

