



## BELL 407M

# ARMED SCOUT, MULTI-ROLE HELICOPTER

Building on the OH-58 lineage, which amassed over 2 million flight hours, including 750,000 in combat, the Bell 407M is a proven performer in the field. 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 cost-effective, multi-role solution for today's warfighters.

## FEATURES

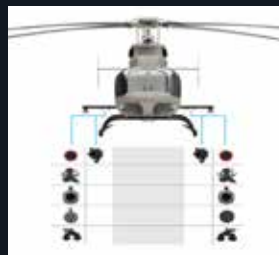
### MULTI-MISSION CONFIGURABLE

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

### ARMED CONFIGURATION OPTIONS

- Modular Configurable Mission Management Solution
- Tactical Radio and Data Link Options
- Adaptable Proven Weapons Management System

### BALLISTIC & GUIDED WEAPONS



- 12.7 mm Gun/Gun Pod
- 7.62 Mini Gun/Gun Pod
- 7 Shot 70MM Hydra / APKWS
- HELLFIRE/Griffin Options
- Pintle Mount/External Troop Options
- Night Vision Goggle (NVG) Compatible Cockpit
- Helmet Mounted Display Ready
- Multiple options for Advanced EO/IR sensor
- 2-4 Station Ordnance Mounting System (OMS)



PERFORMANCE FEATURES

- Highest in-class fuel and payload, enabling longer range and time on station
- 6,000 lbs external maximum gross weight (MGW) for increased useful load
- 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 SPECIFICATIONS<sup>1</sup>

PERFORMANCE AT MAX GROSS WEIGHT

|                                        |         |          |
|----------------------------------------|---------|----------|
| V <sub>NE</sub>                        | 140 kts | 259 km/h |
| Range at V <sub>LRC</sub> <sup>2</sup> | 337 nm  | 624 km   |
| Max Endurance <sup>2</sup>             | 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 <sup>3</sup> | 0.5 m <sup>3</sup> |

WEIGHTS

|                                                       |           |          |
|-------------------------------------------------------|-----------|----------|
| Empty Weight (Base 407GX <sub>i</sub> )               | 2,700 lbs | 1,224 kg |
| Max Gross Weight (Internal, Standard)                 | 5,250 lbs | 2,381 kg |
| Max Gross Weight (External Stores)                    | 6,000 lbs | 2,722 kg |
| Useful Load (Internal, Std. Base 407GX <sub>i</sub> ) | 2,550 lbs | 1,156 kg |
| External Stores                                       | 750 lbs   | 341 kg   |
| Cargo Hook Capacity                                   | 3,100 lbs | 1,406 kg |

<sup>1</sup> Final performance data to be determined after configuration finalized  
<sup>2</sup> Max GW, ISA, Std. fuel-no reserve at sea level  
<sup>3</sup> Does not include copilot volume of 20ft<sup>3</sup>/0.6m<sup>3</sup>



ON TARGET

Designed by former special operations personnel, the advanced cockpit systems provide enhanced functionality and situational awareness while reducing pilot workload.

SURVIVABILITY FEATURES

- Superior auto-rotational characteristics
- Armored pilot seats
- Self-sealing fuel system
- Ballistic-tolerant main rotor blades
- Engine suppression system
- 30-minute run-dry transmission
- Rollover bulkheads
- Missile Warning System: Chaff / Flare Dispensers

