



# **BELL 412M**

## THE NEXT GENERATION WORKHORSE

### RUGGED. RELIABLE. RESILIENT.

The Bell 412M combines the tested and proven design of the Bell 412 with the latest in state-of-the-art technology. Supported by the Bell BasiX Pro™ Integrated Glass Cockpit, electronically controlled Pratt & Whitney PT6T-9 Twin Pac® engines and a robust airframe that has flown over 6.5 million hours, the Bell 412M is designed to deploy.

## ABOVE AND BEYOND

### RELIABILITY AND CAPABILITY

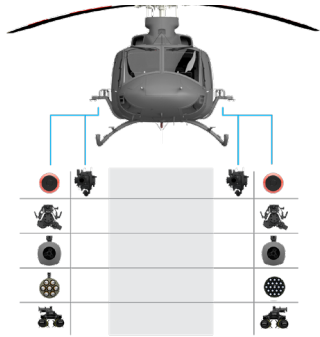
- Over 54% of the Bell 412 global fleet are deployed in military and para-public missions worldwide
- Widest in-class cabin doors for easy ingress/egress and rapid casualty loading
- External rescue hoist and dual rappelling fixtures rated at 600 lbs
- Proven capability to land ship board in various sea states
- Simple blade folding for storage in hangar or aboard ship
- On-condition composite main rotor blades
- Long retirement and overhaul lives
- Rugged skid gear for landing on unprepared surfaces

### ENHANCED PERFORMANCE

- Increased internal gross weight to 12,200 lbs
- Increased external/jettisonable gross weight to 13,000 lbs
- Increased cargo hook payload to 5,000 lbs
- Automatic engine start with temperature limiting features
- 30-second and 2-minute OEI rating structure with automatic limiting and OEI training mode
- Transmission meets US Army 30-minute run-dry specifications
- Approximately 11% increase in power during hover



## BALLISTIC AND GUIDED WEAPONS



- Torpedoes
- 12.7 mm Gun/Gun Pod
- 7.62 mm Minigun/Gun Pod
- 7 & 19 Shot Rocket Pods
- 70 mm Hydra/APKWS Rockets
- Pintle Mount Option
- HELLFIRE/Griffin Options



The TekFusion Global Weapons Management System integrates with the Bell 412M avionics. Its dual mission and weapons management capabilities and intuitive interface reduce operator workload and increase situational awareness.

## TECHNICAL SPECIFICATIONS<sup>1</sup>

### Speeds at Max Gross Weight

VNE	140 kts	259 km/h
Max Cruise <sup>2</sup>	123 kts	228 km/h
Range at VLRC <sup>2</sup>	361 nm	669 km
Max Endurance <sup>2</sup>	3.8 hrs	

### Capacities

Maximum Seating	2 + 13	
Standard Fuel	331 US gal	1,251 liters
Aux Fuel (optional)	33 or 163 US gal	123 or 617 liters
Cabin Volume	220 ft <sup>3</sup>	6.2 m <sup>3</sup>
Aft (Baggage) Compartment Volume	28 ft <sup>3</sup>	0.8 m <sup>3</sup>

### Weights

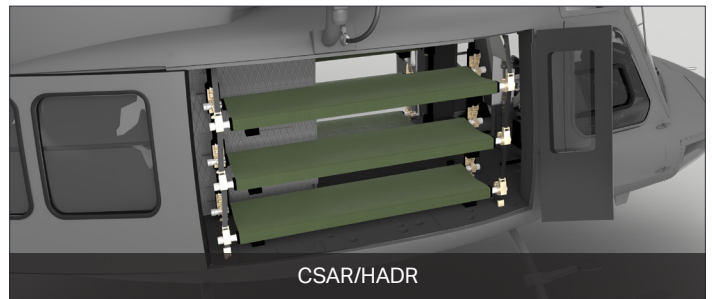
Empty Weight <sup>3</sup>	6,815* lbs	3,091* kg
Max Gross Weight (Internal)	12,200 lbs	5,534 kg
Max Gross Weight (External)	13,000 lbs	5,897 kg
Useful Load (Internal) <sup>3</sup>	5,385 lbs	2,443 kg
Useful Load (External) <sup>3</sup>	6,185 lbs	2,805 kg
Cargo Hook Capacity	5,000 lbs	2,268 kg

<sup>1</sup> All technical specifications are based on the basic configuration

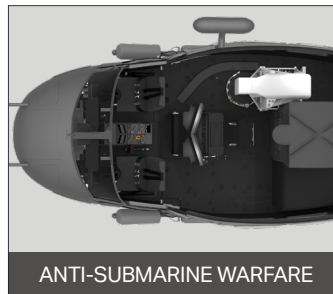
<sup>2</sup> Standard fuel, no reserve, MGW, ISA, sea level

<sup>3</sup> Standard, IFR configuration

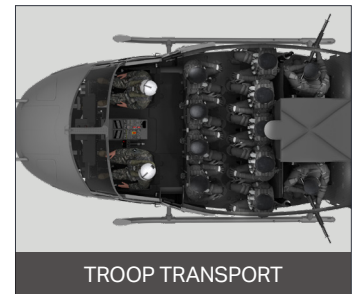
\* Empty weight with standard cabin seats installed is 7,025 lbs (3,186 kg)



CSAR/HADR



ANTI-SUBMARINE WARFARE



TROOP TRANSPORT

## COMPONENT OPTIONS

### Select Armed Configuration Component Options:

- 10.1" Display Mission Computer, Data Transfer Unit, Grip Data Entry Device, Keyboard Data Entry Device
- Lightweight Armor – Crew Seat Bottom, Back, & Side Panel; Cabin & Cockpit Floor
- NVG STC and Covert Lighting System
- Airborne Countermeasures Dispenser System
- Compatible with any EO/IR sensor or searchlight up to 15in. diameter and 120 lbs in weight