

The Bombardier 415MP\* amphibious aircraft offers unique multi-mission capabilities for a wide range of missions such as law enforcement, search and rescue, utility transport and environmental control. It combines the capabilities of a traditional surveillance aircraft with the additional benefit of direct intervention on water.

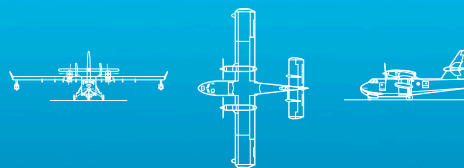


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The Bombardier 415MP can include several special mission equipment: forward-looking infrared (FLIR), side-looking airborne radar (SLAR), fully integrated weather radar, direction finder antenna (DF), still and video cameras, additional cabin seating/accommodation, enlarged aft cargo door, Bombardier Jet Boat (BJB), marine radio package, secure intercom, air-powered spray system, search light.



## General

Crew	2
Occupants	6-13

## Engines

Number	2 Pratt & Whitney Canada PW123AF turboprops
Power	2,380 shp
Propellers	Hamilton Standard 14SF-19 four-blade, reversible pitch

## Avionics

Honeywell EDZ-605 four-tube EFIS  
Three-screen Integrated Instrument Display System  
Dual Honeywell Primus II nav/comm systems

## Performances<sup>1</sup>

### Maximum ferry range

1,310 NM 1,508 SM 2,427 km

### Speed

High cruise speed 194 kts 223 mph 359 km/h

### Airfield/Water Performance

#### Takeoff distance

Non-disposable load (land)	2,750 ft	838 m
Non-disposable load (water)	2,670 ft	813.8 m
Landing distance (land)	2,210 ft	674 m
Landing distance (water)	2,180 ft	664 m
Initial rate of climb	1,600 ft/min	8.1 m/sec
Fuel consumption per hour (typical)	1,000 pph	565 l/h

## Dimensions

### External

Length (including radome)	67 ft	20.40 m
Wingspan	93 ft 11 in	28.61 m
Wing area	1,080 ft <sup>2</sup>	100 m <sup>2</sup>
Height	29 ft 9 in	9.11 m

## Dimensions (cont'd)

### Internal

Cabin length (excluding cockpit)	30 ft 10 in	9.4 m
Cabin maximum width	7 ft 10 in	2.4 m
Cabin height	6 ft 3 in	1.9 m
Floor area (excluding cockpit)	212 ft <sup>2</sup>	19.7 m <sup>2</sup>
Total volume (excluding cockpit)	1,257 ft <sup>3</sup>	35.6 m <sup>3</sup>

### Loads

Fuel capacity	1,521 U.S. gal	5,778 litres
Integral water tank capacity	1,621 U.S. gal	6,137 litres

### Doors (W x H)

Forward	40 in x 54 in	1.02 m x 1.37 m
Aft Cargo (normal)	44 in x 40 in	1.12 m x 1.02 m
Enlarged Cargo Door	44 in x 58 in	1.12 m x 1.47 m
Emergency	20 in x 36 in	0.5 m x 0.9 m

### Weights

Maximum ramp weight (land)	44,000 lb	19,958 kg
Maximum takeoff weight (land)		
Disposable load	43,850 lb	19,890 kg
Non-disposable load	41,000 lb	18,597 kg
Maximum landing weight	37,000 lb	16,783 kg
Maximum zero fuel weight	43,000 lb	19,505 kg
Operating weight empty	30,000 lb	13,608 kg
Maximum lift-off weight		
after scooping	47,000 lb	21,319 kg
Maximum payload	6,400 lb	2,903 kg

(1) Subject to conditions.

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