

# LX300™ REMOTELY PILOTED HELICOPTER



- » Tandem-rotor
- » Heavy Fuel Engine
- » Robust and Reliable
- » Versatile and Adaptable
- » Max. 180 kg Payload Capacity

  
**LAFLAMME**  
AÉRO

**GENERAL DYNAMICS**  
Mission Systems

# LX300™

## A VERSATILE MULTI-MISSION REMOTELY PILOTED HELICOPTER

- » Tandem-rotor technology and quick attach system allow for sustained operations in multiple mission types.
- » Purpose-built to complement manned helicopters for various defense and security applications.
- » Features aeronautical grade composite materials for blades, airframe, and advanced rotor technology to eliminate vibration.
- » Carries multiple mission specific payloads, including radios, EO/IR Gimbal, AIS, RADAR, SAR kits, SKAD kits, castaway first-aid delivery, and more.
- » Low total cost of ownership due to the high-reliability components with high mean time between replacement.



ADVANCED ROTOR TECHNOLOGY



UNIQUE BLADE CONSTRUCTION ABLE TO FACE THE MOST HAZARDOUS FLIGHT CONDITIONS

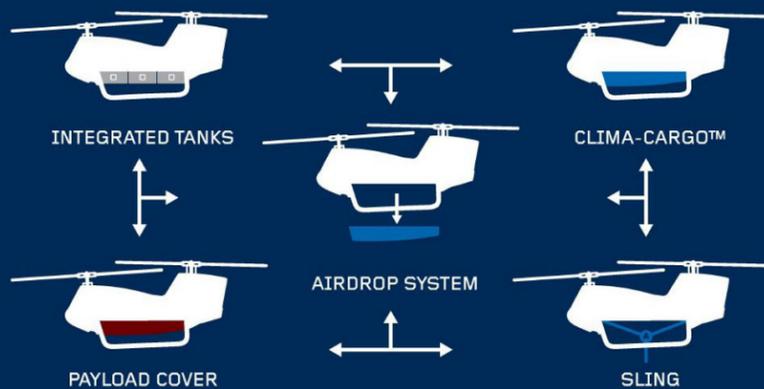


SAFETY CRITICAL SYSTEM CAPABLE OF ADVANCED AUTONOMY



CERTIFIED CONTINENTAL® CD-155 JET FUEL ENGINE OFFERING MTBO OF 2,000HRS

### TANDEM-ROTOR ADVANTAGE



### PLATFORM APPLICATIONS

- » Maritime Surveillance
- » Intelligence Gathering
- » Surveillance and Reconnaissance
- » Target Acquisition
- » Border Surveillance
- » Search and Rescue
- » Situational Awareness
- » Arctic Conditions: Ice Surveying
- » Ship Tracking
- » Beyond Line Of Sight Reconnaissance
- » Communication Relay

# LX300™ REMOTELY PILOTED HELICOPTER



## TECHNICAL INFORMATION

Dimensions(L x H x W)	3.05 m x 1.8 m x 1.2 m
Rotor Diameter	4 m
Weight	Empty ..... 350 kg Maximum Takeoff ..... 550 kg
Capacity	Maximum Payload ..... 180 kg Maximum Fuel ..... 190 kg (235 L)
Launch and Recovery	Vertical takeoff and landing
Propulsion	Continental CD-155
Usable Fuels	F-44 (JP-5) (and EN 590 Diesel, Jet A, Jet A-1, DEF STAN 91-86, JP-8, DEF STAN 91-91, JP- 8+100)
Endurance	9h (40 kg payload) / 1h (Maximum 180 kg payload)
Link range	Max. 200 km, ELOS extendable with relay capability
Speed	Maximum ..... 210 km/h (115 kts) Cruising ..... 185 km/h (100 kts) Best Economy Cruising ..... 140 km/h (75 kts)
Ceiling	3650 m (12,000 ft)
Environment	Temperature ..... -35°C to 40°C Wind gusts ..... 40 kts Precipitation (Snow, mist, rain) ..... Yes Sea water corrosion resistant ..... Yes
Ground Control Station	STANAG 4586 compliant, Rugged and rigid, Customizable multi-display console, Tablet based belly-pack system, pre-program autopilot/manual override mode, Custom mission & flight simulator
Payloads	EO/IR/LRF, Multimode Surveillance Radar/Synthetic Aperture Radar, AIS, LiDAR, Electronic Surveillance/COMINT, Communications Relay, SKAD kits

**GENERAL DYNAMICS**

Mission Systems

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