

LX300™ REMOTELY PILOTED HELICOPTER

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



GENERAL DYNAMICS
Mission Systems

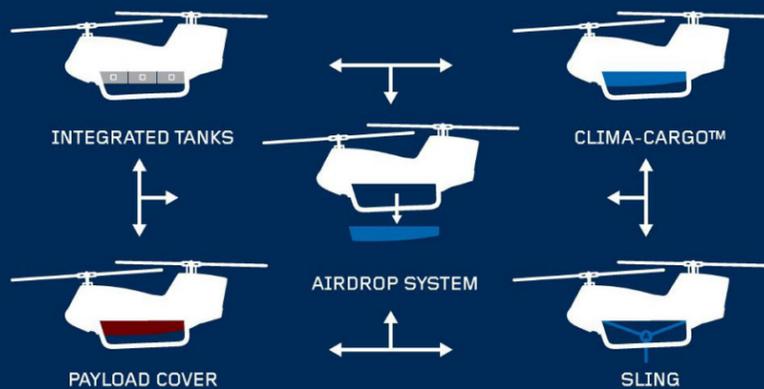


LX300™

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, DAA, ADS-B 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.

TANDEM-ROTOR ADVANTAGE



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

PLATFORM APPLICATIONS

- » Maritime Surveillance
- » Intelligence Gathering
- » Surveillance and Reconnaissance
- » Border Surveillance
- » Search and Rescue
- » Situational Awareness
- » Arctic Conditions: Ice Surveying
- » Cargo Delivery
- » Infrastructure Surveillance
- » BVLOS Operations
- » Communication Relay

LX300™ REMOTELY PILOTED HELICOPTER

TECHNICAL INFORMATION



Dimensions (L x H x W)	3 x 1.8 x 1.2 m / 9.8 x 5.9 x 3.9 ft
Rotor Diameter	4 m / 13.1 ft
Weight	Empty 350 kg / 770 lb Maximum Takeoff 550 kg / 1210 lb
Capacity	Maximum Payload 180 kg / 395 lb Maximum Fuel 190 kg / 420 lb
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 (Payload Capacity)	10 h (20 kg) / 6 h (80 kg) / 3 h (140 kg)
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, Detect and Avoid (DAA), ADS-B, Electronic Surveillance/COMINT, Communications Relay, SKAD kits



PAYLOAD CAPACITY



ENDURANCE



RELIABILITY

GENERAL DYNAMICS

Mission Systems

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