



Aircraft Industries

SURVEILLANCE

MARITIME PATROL AIRCRAFT



L410

Newly produced surveillance aircraft equipped with most updated mission management system, sensors and devices, for searching vast land and sea areas, patrolling borders and performing other special missions at appropriate patrol speed.

Due to aircraft characteristic, excellent STOL capability, long range and endurance, capabilities to operate under extreme temperature conditions -50°C to $+50^{\circ}\text{C}$, low operation/maintenance costs and spacious cabin, the L 410 is an ideal platform for surveillance missions. Recently two new surveillance L 410 UVP-E20 aircraft have been delivered to Polish Border Guard.

SPECIAL MISSION EQUIPMENT

- » LIGHTWEIGHT RADAR WITH 360° SCANNING CAPABILITY (identification of objects on water, land and in the air)
- » COMBINED IR/VIDEO SENSOR for identification and documentation of surface activities day and night
- » SATELLITE COMMUNICATION MODEM enabling real-time data transmission in the form of short films and images, and ensuring telephone communication in large sea areas
- » IDENTIFICATION SYSTEM FOR RECOGNITION OF BOATS AND SHIPS
- » COCKPIT INFORMATION DISPLAY
- » RESCUE EQUIPMENT



ONE MAIN OPERATOR
CONSOLE, WORKPLACE
FOR 2ND OPERATOR

HIGH SPEED SATCOM

IR/UV-SCANNER

SEA/MARINE VHF

EO/IR CAMERA

EQUIPMENT FOR SURVEILLANCE

RADIO DIRECTION FINDER

360° SEARCH RADAR

AIRCRAFT INTERCOM

PORTABLE DISPLAY UNIT
IN COCKPIT

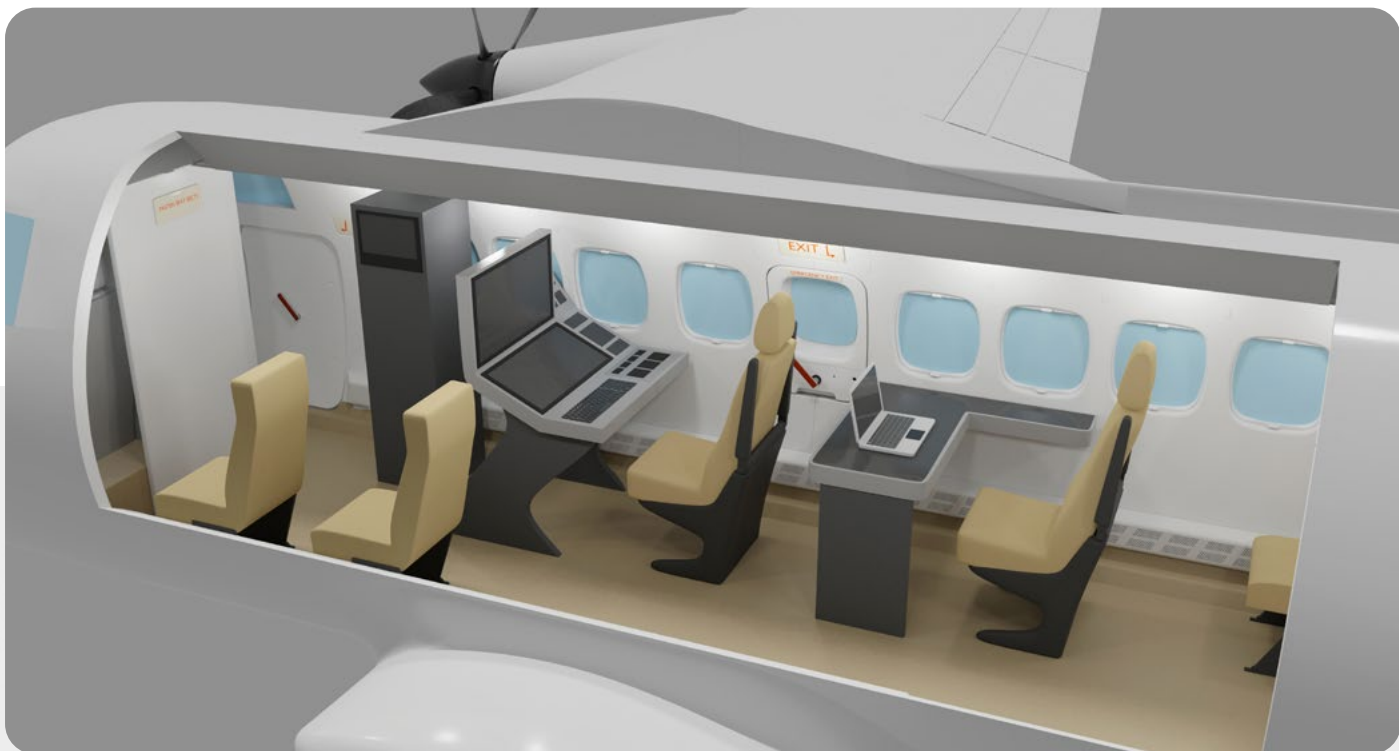
SIDE LOOKING
AIRBORNE RADAR (SLAR)



MARITIME SURVEILLANCE MISSIONS

- » Search and Rescue
- » Border PATROL
- » Ship Traffic Management
- » Fishery Control
- » Environmental Protection
- » Oil Pollution Control





	L 410 UVP-E20	L 410 NG
MAX. CRUISE SPEED	405 km/h (219 KTAS)	417 km/h (225 KTAS)
RANGE	1 500 km (810 NM)	2 570 km (1 387 NM)
ENDURANCE	5,1 h	10,5 h
ENGINE	GE H80-200	GE H85-200
TAKE-OFF POWER	597 kW (800 SHP)	634 kW (850 SHP)
MTOW	6 600 kg (14 550 lbs)	7 000 kg (15 432 lbs)
MAX. PAYLOAD	1 800 kg (3 968 lbs)	2 300 kg (5 060 lbs)
MAX. USABLE FUEL	1 300 kg	2 244 kg



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