Commercial offer for the manufacture of

Light Utility Multirole Helicopter "Ansat"

2019

Aircraft and helicopters. Sales, service, storage and repair.
40-1, 3-Y Mar'inoy Roshchi Proyezd, Moscow, 127018, RUSSIA.
Phone: +7 916 650 4707, EnikeevIL@atcswiss.com, http://www.atcswiss.com/

Light Utility Multirole Helicopter "Ansat"

General Information

The multi-purpose light helicopter Ansat is built to a classic single-rotor design with a four blade main rotor and a two-blade tail rotor. The Ansat was developed in line with the latest AP-29 (FAR-29) Category A regulations, and meets high safety standards. The Ansat comes in different models, one with the latest fly-by-wire flight control system and the other with the traditional hydro mechanical control system, with the latter certified by the Interstate Aviation Committee's Aviation Register (AR, IAC).

- The Ansat is powered by PW 207K Pratt & Whitney Canada 630 h.p. engines and FADEC system that ensures the helicopter can continue to fly if one engine fails.
- The Ansat's avionics, piloting and navigation systems include an on-board information system, multi-functional indicators and a failure warning system.
- The Ansat has a metal fuselage, composite non load-bearing parts, and layered fibreglass blades. The hinge-less main rotor makes it easier to handle and significantly reduces its operating costs.
- The training model uses a KSU-A fly-by-wire flight control system and has a four-channel digital integrated control system.

Thanks to easily-removable equipment the multirole Ansat helicopter can be re-equipped for a wide range of missions in a timely fashion.

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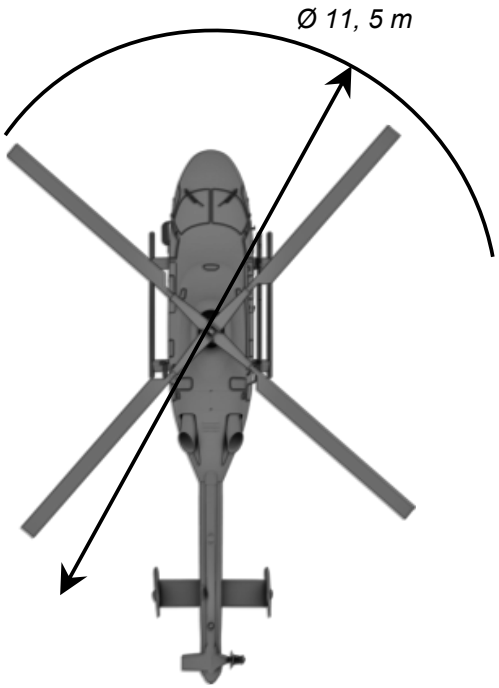
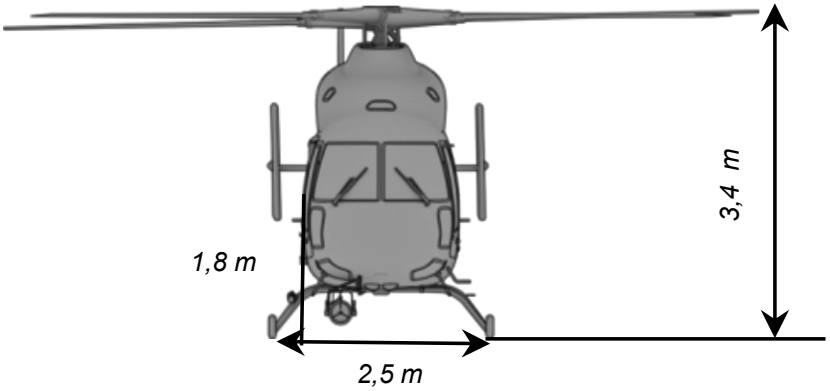
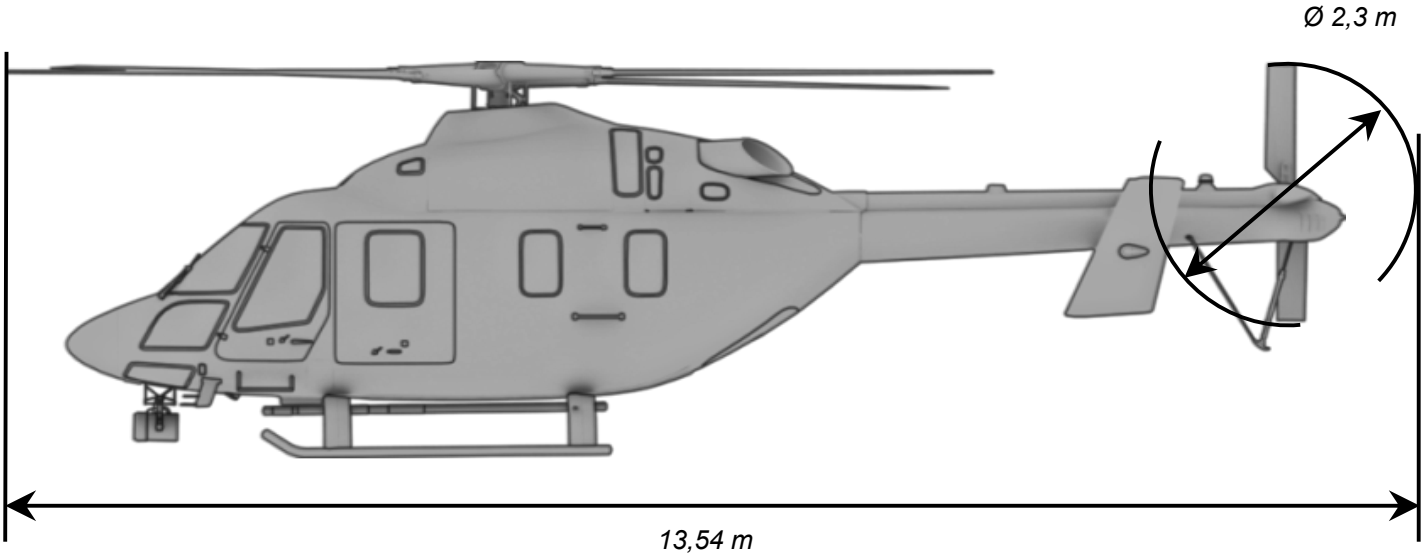
- The Ansat can be used **to transport cargo and passengers, for surveillance, in search and rescue operations, fire-fighting, and for medevac missions**.
- The Ansat boasts the largest cabin in its class and it can be rapidly re-configured. The wide sliding door and large cabin volume allow the comfortable transportation of up to 8 passengers and makes it possible to allocate a maximum amount of equipment in special design versions;
- The Ansat has manual and automatic piloting modes, and can be used in regular or adverse weather conditions;

The Ansat can be prepared for flight and maintained independently of any stands.

Scheme







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Features

Performance	
Max. speed	275 km/h
Cruise speed	250 km/h
Max. flight range with main fuel tanks	510 km
Operational ceiling	5500 m
Hover ceiling (OGE)	2900 m
Weight Parameters	
Max. take-off weight	3600 kg
Max. payload in transport cabin	1234 kg
GT engines (2xPW207K, Pratt&Whitney)	
Take-off power	630 h. p.
Contingency power	710 h. p.
Cabin Dimensions	
Length	5,700 mm
Width	1770 mm
Height	1370 mm
Volume	8.0 m3
Capacity	
Aircrew	1–2
Passengers	7+1