



The PZL „SOKÓŁ” helicopter search and rescue version



W-3 RM

ANACONDA

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The multipurpose helicopter PZL „SOKÓŁ” is manufactured in numerous civilian and military versions and it is also used for search and rescue (SAR) missions. This particular version is named W-3 RM ANACONDA.

This version is appropriated for various SAR missions over sea and land with a possibility to perform flights, both night and day, in normal and bad weather conditions as well as in icing.

The major advantage, which guarantees the success of ANACONDA's missions is the helicopter capability for ditching supported by inflatable floats attached around the fuselage. The floats are inflated immediately before ditching and keep the aircraft on the surface allowing the crew and the passengers to safely leave the helicopter and board an inflatable life raft.

HELICOPTER EQUIPMENT

The helicopter with special equipment installed is a safe and well-prepared work post for the crew, which facilitates search and rescue of shipwrecked persons and transportation of the diseased. The major equipment unit is constituted by an electric hoist installed on the side of a helicopter used for hoisting people or loads up to 267 kgs of weight at the height of up to 50 meters with hoisting rate of 0.75 m/s.



Lifting the shipwrecked persons can be carried out using rescue belts, rescue basket for 2 persons or stretchers. The stretchers used on ANACONDA (PARAMEDICS RESCUE PACK) can be lifted in both horizontal or vertical position, and they can be folded for transport.

The helicopter is also equipped with inflated life rafts for 6 people, rope ladder, portable oxygen equipment, electric blankets, vacuum flasks, etc. A separate part of equipment consists of the units used for marking the crash location on the sea. It comprises light and smoke buoys, light charges and charges staining water to mark and illuminate the crash area, radio buoys emitting radio signals as well as binoculars and flare pistol.

The helicopter is also equipped with special high power lights to illuminate the area of rescue action.



To carry out SAR missions in various weather conditions and over different configurations of land, and in particular over the sea, requires additional flight and navigational equipment, which makes it possible to determine the position of the aircraft and of the rescued people or object against the coast and sea stations.

The ANACONDA helicopter equipment includes: AP NAVIGATOR working in DECCA system, SPOR system for searching and detection of shipwrecked people as well as 5A-813 radar.

- helicopter crew consists of two pilots (or pilot and flight mechanic) plus two rescuers and a physician;
- the number of shipwrecked persons to be taken by a helicopter depends on equipment variant (stretchers, rafts) and may be up to 8 persons;
- the helicopter is also capable of transporting cargo on a sling up to 2100 kgs of weight.

PZL SOKÓŁ HELICOPTER, ANACONDA VERSION — BASIC PERFORMANCE DATA

Take off weight	6400 kg
Hover ceiling OGE	660 m
Hover ceiling IGE	2500 m
Service ceiling	4650 m
Rate of climb V_y at $H = 500$ m, Std.	8.2 m/s
Rate of climb, OEI, at 30 min. power, $H = 500$ m, Std.	1.0 m/s
Maximum range with main fuel tank full $H = 500$ m, Std., with 30 min. fuel reserve	620 km
Maximum range with auxiliary fuel tank $H = 500$ m, Std., with 30 min. fuel reserve	1065 km
Max. airspeed in level flight, $H = 500$ m, Std.	230 km/h
Cruising speed, $H = 500$ m, Std., at cruise power	206 km/h
Cruising speed, $H = 500$ m, Std., at max. continuous power	218 km/h



W-3 RM

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AND IT HAS ALL REQUIRED GOVERNMENT
LICENSES TO SELL THE FULL RANGE
OF ITS PRODUCTS, EITHER DIRECTLY
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