

Modernization of three Mi-17 helicopters for Rwanda MoD

Three Mi-17 helicopters were upgraded for participation in UN missions in Africa. Another three Mi-17 ones will be upgraded by a similar set later in 1st quarter of 2012.

Modernizations were of middle complexity, including replacement of some standard equipment and installation of the following equipment:

1. Radionavigation and communication equipment:

- GPS/MovingMap system GPS-400W (*Garmin*);
- DME KN-62A receiver (*Honeywell*);
- ATC transponder KT-76C (*Honeywell*);
- VOR/ILS navigation receiver KN-53 with navigation indicators KI-206 (*Honeywell*);
- Weather radar ART-2000 (*Honeywell*) with multifunction display EX-600 (*Avidyne*);
- ELT C406-1HM (*Artex*).

2. Search and rescue equipment:

- observation system Ultra Force 350EP (*FLIR*);
- 10" LCD with picture-in-picture LCD1004 (*RDDS*);
- Digital Video Recorder (*SPEEL Praha*).

3. Special equipment:

- armor set for cockpit ballistic protection;
- replacement of standard Flight Data Recorder to the modern solid-state FDR system (*SPEEL Praha*);
- modification of cockpit light sources for NVIS capability;
- supply of helicopter helmets LH-250 (*MSA-Gallet*) with Night Vision Goggles HELIMUN MK-6.



External aerodynamic-shaped armor plates with FLIR camera installed.



Upgraded cockpit



Flight Data Recorder installation