

# MIL MI-8 T HELICOPTER



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- BASICS

Technical basis of the project & implementation

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Planning of the mission and equipment /

/ Planning the deployment and equipment

Technical status quo

Geometric Parameter

Avionics

Equipment

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## TECHNICAL BASIS OF THE PROJECT & IMPLEMENTATION

### PART 1/3

*The investment was based on a contract to carry out offshore flight missions in the North Sea and Baltic Sea for wind turbines. The planning required three identical MIL Mi-8 helicopters. Due to the reorganization of energy policy in Germany, this range of operations did not become established. An alternative long-term deployment option was not economically viable. For this reason, the helicopter was technically maintained and stored. .*

One helicopter was completed.

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## TECHNICAL BASIS OF THE PROJECT & IMPLEMENTATION

### PART 2/3

With its robust, maintenance-friendly technology and wide range of applications, the MI-8 helicopter offers the best conditions for successful operations. The equipment of the MI-8 is modern and practical. All relevant mission variants are covered. From passenger transport (16 seats) to cargo and special operations with payloads of up to 4 tons.

## TECHNICAL BASIS OF THE PROJECT & IMPLEMENTATION PART 3/3



# Deployment and equipment part 1

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## PLANNING THE DEPLOYMENT AND EQUIPMENT

### Part 1

- Freight and air transportation

- Assembly flights

- Special photo and measurement flights

- Personnel relocation

- Special missions

- Firefighting (special equipment usable)

- Offshore missions

# Our Vision

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## PLANNING THE DEPLOYMENT AND EQUIPMENT Part 2

- Operational readiness -45°C to +45°C
- Sea rescue equipment
- IFR equipment
- De-icing system
- Removable wide-opening rear gate
- Individually usable interior cabin
- 16 passenger configuration
- Fixed observation window
- Emergency flotation gear

Life Raft Gumotex GTX-707-04 / Life vests

# Technical Parameters

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## TECHNICAL PARAMETERS

Maximum speed 250 Km/h

Cruising speed 220 Km/h

Elevation 5-8 M per sec

Maximum flying range 900 km

Maximum operating altitude 4.500 m

Maximum take-off weight 11.900 kg

Helicopter empty weight 6.779 kg

Crew 2 Pilots + 1 deck engineer (if app) + 16 Pax

Maximum load weight in cab 4.000 kg

Maximum load weight on suspension equipment / on hook 3.000 kg

Helicopter consumption Engines 780 – 800 l per h JET A1

Engines 2x TB2-117 AG Power (2x 1.500 kW)

# Our Vision

## GEOMETRICAL PARAMETERS

|                      |                  |
|----------------------|------------------|
| Overall length       | 25,244 m         |
| Length of body       | 18,300 m         |
| Height of helicopter | 5,650 m          |
| Main rotor           | 21,260 m         |
| Cabin                |                  |
| Length               | 5,150 m          |
| Width                | 2,340 m          |
| Height               | 1,820 m          |
| Entrance door        | 1,370 m x 0,82 m |



# Avionics

## AVIONICS

### AVIONICS

#### Cockpit Avionics

ELT 406 emergency locatio transmitter

GTX-330 transponders – 2 pcs

GNS-530 Radiostation/VOR/ILS/GPS – 2 pcs

KMA-24 intercom with four sockets

KRA-405B radio altimeter

SPEEL PRS-8 cockpit flight data and voice recorder

Thirdb AGB-3K artificial horizon



# Equipment

## EQUIPMENT



# Equipment

## EQUIPMENT

