

## **GENERAL**

- Energy absorbing fuselage
- Tail boom with fixed horizontal stabilizer and two end-plates
- Skid-type landing gear with skid protectors, capable of taking ground-handling wheels
- Aircraft paint (primer)

## **COCKPIT, CABIN AND CARGO COMPARTMENT**

- One-level cabin/cargo compartment floor with integrated rails and 4 mobile tie-down rings
- Two hinged cockpit doors with sliding window
- Map case in pilot's door
- Two wide passenger sliding doors
- Two rear hinged clam-shell doors
- Interior paneling with integrated basic sound insulation
- Flight controls (pilot and co-pilot with co-pilot covers)
- Instrument panel with extension on pilot's side and glare shield
- Ram-air for cockpit
- Headset holder in the cockpit
- Portable fire extinguisher
- Stowage net for first aid kit at the LH rear clam-shell door
- First aid kit
- Flash light (torch)
- Slant panel
- Center console
- Windscreen wiper for pilot and co-pilot

## **BASIC INSTRUMENTATION**

- Central Panel Display system (CPDS) consisting of two LCD displays
  - Caution Advisory Display (CAD) with digital indication of:
    - Caution and advisory information
    - Fuel quantity indication
  - Vehicle and Engine Management Display (VEMD) with digital indication of:
    - Engine parameters (engine oil pressure, engine oil temperature)
    - FLI (First Limit Indicator) for TQ, TOT, N1 as analogue display
    - Main gear box parameters (oil pressure, oil temperature)
    - Dual ampere meter for generator; ampere meter for battery

- Dual voltmeter
- Outside air temperature (OAT)
- Mast moment indication
- Back-up conventional instruments
  - Clock
  - Stand-by-horizon
  - Triple (rotor and engines) RPM-indicator
  - Airspeed indicator
  - Encoding altimeter
- Warning unit:
  - Engine fire warning with fuel emergency shut-off
  - Warning lights
  - Aural warning (for each warning, rotor RPM, fire warning)
  - Fire extinguishing system warning
- Magnetic compass
- Air Data
  - Dual pitot static system (electrically heated pitot tube and static port)
  - 2 ADC MEGHAS sensors

## **COMMUNICATION**

- Radio package (not installed)

## **AIRFRAME EQUIPMENT**

- Fuzz Burner – Engines, Main Gearbox, TGB and IGB
- Engine compressor washing device
- Tinted sunshades for cockpit roof section - pilot/co-pilot
- Wire strike protection system, fixed provisions
- AHRS free steering mode

## **POWER PLANT**

- Crash resistant fuel system
- Two independent oil cooling and lubrication systems of the engines
- Fire detection and extinguishing system

### **TRANSMISSION SYSTEM**

- Main transmission including an independent redundant lubrication system and monitoring sensors
- Rotor brake system
- Tail rotor transmission system with splash lubrication, magnetic plug and oil level sight gauge

### **ROTOR AND FLIGHT CONTROLS**

- Hingeless main rotor (System Bölkow)
- 4 glass and carbon fiber reinforced blades with erosion protection strip
- Semi-rigid tail rotor with 2 twisted glass fiber reinforced blades
- Dual hydraulic boost system for cyclic and collective blade control of the main rotor
- Automatic flight control system AFCS
- Flight control display system with battery relocation

### **ELECTRICAL INSTALLATION**

- Two starter/generators (2 x 200 A, 28 VDC)
- Nickel-Cadmium battery, (24 V, 40 Ah)
- External power connector
- Anti-collision warning light (red flashing)
- Landing Light and Search Light – 400/200W - Fixed Provisions
- Adjustable instrument lighting
- One utility light in the cockpit
- Lights in the cabin and cargo compartment
- Boarding illumination
- Radio: Two radio master switch

### **GROUND HANDLING KIT**

- Two ground-handling wheels
- Basic aircraft covers
- Oil drain hoses
- Keys for cockpit, cabin, baggage compartment doors and tank flap (one-key system)
- Compass compensation key
- Fuel drain device