**SCROLL**

**MAIN COMPONENTS AND ADDITIONAL EQUIPMENT INSTALLED ON HELICOPTERS
MI-171 (AMT)**

**Section 1. Main components**

| **No.** | **Designation** | **Name** | **Unit rev.** | **Qty** |
| --- | --- | --- | --- | --- |
| **1. Power plant, carrier system and transmission** |
| 1.1 | TV3-117VM ser. 02 | Engine / Engine | PC | 2 |
| 1.2 | SAFIR 5K / G MI | Auxiliary Power Unit / APU | to-t | 1 |
| 1.3 | 8M-1500-000SB | Reinforced transmission  | to-t | 1 |
| 1.4 | 8AMT-6820-00-01 / 02 | Dust protection device /External Sling System (ESS) | to-t | 1 |
| 1.8 | BP-14 | Main gearbox | PC | 1 |
| 1.9 | 8A-6311-00 ser. 4 | Fan / Fan | PC | 1 |
| 1.10 | 8A-6314-00 | Fan drive cardan shaft | PC | 1 |
| 1.11 | 8-1930-000 ser. 02 | Main rotor hub | PC | 1 |
| 1.12 | 8-1960-000 | Swash / Swishplate | PC | 1 |
| 1.13 | 8AT-2710-00 | Main rotor blades (5pcs) | to-t | 1 |
| 1.13 | 246-3904-000 ser. 01 | Steering blade | PC | 1 |
| 1.14 | 8AMT-1250-00 | Vibration damper | PC | 1 |
| **2. Fuel and oil systems** |
| 2.1 | ETSN91S | Electric centrifugal pump | PC | 2 |
| 2.2 | 463B | Electric centrifugal pump | PC | 1 |
| 2.3 | 766300A-1-T | Float valve | PC | 1 |
| 2.4 | 768600MA | Shut-off valve / Fuel shit-off valve | PC | five |
| 2.5 | 610200A | Electric magnetic valve / Solenoid valve | PC | 3 |
| 2.6 | 637000 | Bypass valve / Overflow valve | PC | 1 |
| 2.7 | 633630 | Overhead valve | PC | 1 |
| 2.8 | 601100-1 | Drain valve / Faucet valve | PC | 2 |
| 2.9 | 636700A | Drain valve / Faucet valve | PC | 4 |
| 2.10 | 5349T | Air-oil cooler / Cooler block | PC | 2 |
| **3. Control and hydraulic system** |
| 3.1 | KAU-115AM | Combined control unit | PC | 4 |
| 3.2 | 8D2.966.017-2 | Hydraulic filter | PC | 2 |
| 3.3 | FG11BN | Hydraulic fine filter / Filter | PC | 2 |
| 3.4 | EMT-2M | Solenoid brake | PC | 3 |
| 3.5 | GA-77V | Pump relief valve, automatic | PC | 2 |
| 3.6 | GA-74M / 5 | Solenoid operated two-position valve | PC | 2 |
| 3.7 | GA192T | Electric magnetic valve / Solenoid valve | PC | 6 |
| 3.8 | GA172-00-2 / T | Dispenser / Lock-out valve | PC | 1 |
| 3.9 | NSh39M | Gear pump | PC | 2 |
| 3.10 | OK-10A | Check valve | PC | 4 |
| 3.11 | GA-59/1 | Emergency power supply valve | PC | 1 |
| 3.12 | MP-100M ser. 2 | Electric actuator  | PC | 2 |
| 3.13 | PR 15.875-2300-1-67 | Chain, 67 links | PC | 1 |
| 3.14 | RU-2 | Grip / Stick | PC | 2 |
| 3.15 | SPUU-52 | Tail rotor pitch limit system | PC | 1 |
| **4. Fuselage, landing gear and pneumatic system** |
| 4.1 | 595Х185 model 14 | Tire of nose LG | PC | 2 |
| 4.2 | 865Х280 model 1А | Tire of main LG | PC | 2 |
| 4.3 | 8A-4101-00B-1 | Main chassis shock absorber / Main LG shock strut | PC | 1 |
| 4.4 | 8A-4101-00B-2 | Main chassis shock absorber / Main LG shock strut | PC | 1 |
| 4.5 | 8A-4201-00A | Lever strut front chassis / Nose LG shock strut | PC | 1 |
| 4.6 | AK-50T1 ser. 3 | Compressor / Compressor  | PC | 1 |
| 4.7 | V8BP.000 | Side view glass (right) / Heated windshield (right) | PC | 1 |
| 4.8 | V8BP.000-01 | Viewing glass side (left) / Heated windsheild (left) | PC | 1 |
| 4.9 | K2116 | Non-braking wheel for a tire size 595 \* 185 / Wheel 595x185 | PC | 2 |
| 4.10 | KT97-310 | Wheel for tire size 865 \* 280 / Wheel 865x280 | PC | 2 |
| 4.11 | KT97-220-1 | Brake of wheel | PC | 1 |
| 4.12 | KT97-220-2 | Brake of wheel | PC | 1 |
| 4.13 | UP25 / 2 | Pressure reducing valve | PC | 1 |
| 4.14 | UPOZ / 2M | Reduction accelerator / Pneumatic control unit | PC | 1 |
| 4.15 | B24-4301-100-7 | Tail bumper shock strut  | PC | 1 |
| **5. Fire protection, anti-icing and heating and ventilation systems** |
| 5.1 | 1-4-4 | Fire extinguisher | to-t | 2 |
| 5.2 | 1919T | Control damper / Control shutter | PC | 2 |
| 5.3 | DV-302T | Electric fan | PC | 3 |
| 5.4 | EV-0.7-1640 | Electric fan | PC | five |
| 5.5 | OR1-2.0-20-30 | Manual fire extinguisher / Fire extinguisher | PC | 2 |
| 5.6 | SSP-FK ser. 2 | Fire alarm system / Fire detection and warning system | PC | 3 |
| 5.7 | TER-1M | Temperature regulator | PC | 6 |
| 5.8 | AT-8-3 | Autotransformer | PC | 2 |
| 5.9 | EPK-2T-60 | Wiper electromechanism | PC | 2 |
| 5.10 | PMK-21TV ser. 3 | Program mechanism  | PC | 1 |
| 5.11 | TSV36M313 | Current Collector | PC | 1 |
| 5.12 | 8AT-7420 | Tail rotor trolley /**Tail rotor slip ring** | PC | 1 |
| 5.13 | SO-121VM var. "AND" | Ice detector | PC | 1 |
| 5.14 | TV-19T | Air thermometer / Air temperature  | to-t | 1 |
| **6. Units of electrical equipment and switching equipment** |
| 6.1 | GT40PCh8V | Alternator / Generator | PC | 2 |
| 6.2 | RM-355G | Mounting frame / Gimbal | PC | 2 |
| 6.3 | BRN120T5A-3C | Voltage regulation unit / Unit-regulator | PC | 2 |
| 6.4 | BZUNP355G | Protection and control unit | PC | 2 |
| 6.5 | BTT40BT | Unit transformer / Unit transformer | PC | 2 |
| 6.6 | BChF-208 | Phase-sequence unit | PC | 1 |
| 6.7 | TS310S04B | Transformer / Transformer | PC | 2 |
| 6.8 | TR-115/36 | Step down transformer, transformer | PC | 2 |
| 6.9 | PTS-800BM | Three-phase static inverter / 3-phase static inverter | PC | 1 |
| 6.10 | SPO-9 | Single-phase static converter / Static converter | PC | 1 |
| 6.11 | APSh-3M | Bus selector switch | PC | 2 |
| 6.12 | BSGO400A | Unit / Unit | PC | 1 |
| 6.13 | VU-6B | Rectifier / Rectifier | to-t | 3 |
| 6.14 | DMR-200VU | Integrated device | PC | 2 |
| 6.15 | APD-78A | Auto unit for engine start | PC | 1 |
| 6.16 | 20NKBN-25-TD-U3 | Rechargeable battery /**Storage** battery | PC | 2 |
| 6.17 | SHRAP-500K | Aerodrome Power / Transformer Plug | PC | 1 |
| 6.18 | SHRAP-400-3F | Aerodrome Power / Trasnformer Plug | PC | 1 |
| **7. Lighting equipment** |
| 7.1 | SBK | Cabin light | PC | 1 |
| 7.2 | SM-1BM | Lamp / Light | PC | 1 |
| 7.3 | TR-100/2 | Control transformer /**Control** transformer | PC | 2 |
| 7.4 | SAS-4-9 | Emergency warning and notification system / Warning and caution system  | to-t | 1 |
| 7.5 | PBS-1 | Dome light | PC | 6 |
| 7.6 | P-39 | Dome light | PC | 12 |
| 7.7 | FR-100 | Headlight / Light | PC | 2 |
| 7.8 | BANO-64 | Airborne navigation light / Forward navigation light | PC | 2 |
| 7.9 | XC-62 | Tail light | PC | 1 |
| 7.10 | FPP-7M | Search & landing light | PC | 3 |
| 7.11 | MSL-3-2S | Beacon alarm light | PC | 2 |
| 7.12 | OPS-57 | Formation light | PC | 3 |
| 7.13 | TN-115-7.5 | Transformer / Transformer | PC | 1 |
| 7.14 | S-1 | Siren/**Hooter** | PC | 1 |
| 7.15 | 7-К-991 (EKSR-46) | Cassette/Cassete | PC | 2 |
| 7.16 | 7-P-662K | Rocket launcher control panel/ Flare pistol control pannel | PC | 2 |
| **8. Control devices for motors and gearboxes** |
| 8.1 | UI1-3K (KCH) | Pointer / Pressure indicator single needle | PC | 1 |
| 8.2 | ID-3 | Inductive sensor | PC | 1 |
| 8.3 | ITE-1T | Indicator / Indicator | to-t | 2 |
| 8.4 | D-1M U2 | Primary converter / Transmitter | PC | 2 |
| 8.5 | IP-21-15 | Condition indicator of aircraft rotor elements | PC | 1 |
| 8.6 | DC-11 | Syncro control transmitter | PC | 1 |
| 8.7 | RT-12-6 ser. 2 | Temperature regulator/Temperature regulator | PC | 2 |
| 8.8 | P-77 version 2 | Temperature receiver / Temperature sensor | PC | 2 |
| 8.9 | IKD27 Yes-220-780 | Pressure measuring complex /Pressure transmitter | PC | 2 |
| 8.10 | IR-117M | Mode meter /Mode indicator | to-t | 1 |
| 8.11 | ITE-2T | Indicator / Indicator | to-t | 2 |
| 8.12 | D-2M U2 | Primary converter / Transmitter | PC | 2 |
| 8.13 | 2IA-6 | Dual measuring equipment / Exhaust gas temperature indicating system | to-t | 1 |
| 8.14 | IV-500E series 2 | Vibration indicating system | to-t | 1 |
| 8.15 | UI3-3K (KCh) | Pointer / 3-point indicator | PC | 2 |
| 8.16 | IMD-8 | Induction indicator | PC | 2 |
| 8.17 | P-1 | Oil temperature receiver / Temperature bulb | PC | 3 |
| 8.18 | UI3-6K (KCh) | Pointer / 3-point indicator | PC | 1 |
| 8.19 | ID-8 | Induction indicator | PC | 1 |
| 8.20 | TUE-48 | Universal electrical resistance thermometer / Electrical resistance thermometer | PC | 1 |
| **9. Instruments for monitoring fuel, hydraulic, pneumatic and electrical systems** |
| 9.1 | SKES-2027B var. 2 | Aviation electrical kerosene meter | to-t | 1 |
| 9.2 | SD-29A | Pressure switch | PC | 3 |
| 9.3 | MCT-25A | Pressure switch | PC | 1 |
| 9.4 | MCT-30A | Pressure switch | PC | 1 |
| 9.5 | MVU-100K | Air pressure gauge | PC | 1 |
| 9.6 | MA-60 | Aviation manometer / Pressure gauge | PC | 1 |
| 9.7 | VF-0.4-150 | Voltmeter | PC | 1 |
| 9.8 | IN 1 | Voltmeter | PC | 1 |
| 9.9 | A-2 | Ammeter / Ampmeter | PC | 3 |
| 9.10 | AF1-150 | Ammeter / Ampmeter | PC | 4 |
| 9.11 | TF1-75.150 / 1A | Transformer / Transformer | PC | 3 |
| 9.12 | TF1-25.50.100 / 1A | Transformer / Transformer | PC | 4 |
| 9.13 | UI1-100K (KCh) | Pointer / Pressure indicator (from DIM-100 set) | PC | 2 |
| 9.14 | ID-100 | Inductive pressure gauge | PC | 2 |
| **10. Flight and navigation equipment** |
| 10.1 | AP-34B ser. 2 | Autopilot | to-t | 1 |
| 10.2 | 6S2.553.002 | Compensation sensor / Pitch, roll, yaw speed force-balance transducers | PC | 1 |
| 10.3 | BF-34 batch A | Filter block | PC | 1 |
| 10.4 | BS-34-01 | Coupling unit | PC | 1 |
| 10.5 | TV-45K | Thermometer / Thermometer | PC | 1 |
| 10.6 | KZSP | Indicator speed corrector / IAS controller | PC | 1 |
| 10.7 | BSG | Operational status signal unit | PC | 1 |
| 10.8 | AGB-96D | Gyro horizon | PC | 2 |
| 10.9 | AGB-96R | Gyro horizon | PC | 1 |
| 10.10 | GMK-1GE | Course system / Compass system | to-t | 1 |
| 10.11 | UGR-4UK ser. 3 | Indicator | PC | 2 |
| 10.12 | KI-13K | Magnetic compass / Liquid magnetic compass | PC | 1 |
| 10.13 | BKK-18 | Roll Control Unit / Gimbal | PC | 1 |
| 10.14 | SNP-1 | Power failure alarm /Power failure alarm | PC | 1 |
| 10.15 | VK-53E-RV | Erecting cut-out switch | PC | 1 |
| 10.16 | VD-10VK 2 ser. | Altimeter | PC | 2 |
| 10.17 | US-450K 2 ser. (US-450KA) | Airspeed indicator / Speed ​​indicator | PC | 2 |
| 10.18 | VAR-30MK ser. 4 | Diaphragm variometer / Rate-of-climb indicator | PC | 2 |
| 10.19 | PVD-6M | Air pressure receiver / Pitot-static tube | PC | 2 |
| 10.20 | 623700-3 | Static pressure changeover valve /Static pressure switching valve | PC | 1 |
| 10.21 | AChS-1MK | Aviation clock / Airbourne clock | PC | 1 |
| **11. Control equipment** |
| 11.1 | BUR-1-2 ser. 2 | Flight data recorder | to-t | 1 |
| 11.2 | M11A | Module / Modulus | PC | 2 |
| 11.3 | MP-95 +/- 1.5 | Overload sensor /Overload sensor | PC | 1 |
| 11.4 | MP-95 + 3-1 | Overload sensor /Overload sensor | PC | 1 |
| 11.5 | MU-615A series 1 | Potentiometric sensor / Angular displacement transmitter | PC | 8 |
| 11.6 | DV-15MV ser. 2 | Altitude transmitter | PC | 1 |
| 11.7 | DPSM-1 | Indicator Speed ​​Sensor / Transmitter | PC | 1 |
| 11.8 | MSV-2.5S | Heat-resistant vibration-resistant pressure switch / Pressure switch heat resistant and shakeproof | PC | 1 |
| **12. Helicopter guidance equipment** |
| 12.1 | ARK-15M | Automatic compass & direction finder | PC | 1 |
| 12.2 | A-037 isp.4 | Radio Altmeter | to-t | 1 |
| 12.3 | BMP ser. 2 | Mechanical transitional block /Mechanical transition unit | PC | 2 |
| **13. Radio communication equipment** |
| 13.1 | PRIMA-KV | Radio station | to-t | 1 |
| 13.2 | ORLAN-85ST | Radio station | to-t | 1 |
| 13.3 | SPU-7 | Interphone / Interphone system | to-t | 1 |
| 13.4 | ALMAZ-UPM | Voice announcement equipment /**Voice information reporting system** | to-t | 1 |
| 13.5 | GSH-A-18 | Aviation headset /Headset | to-t | 3 |

**Section 2. Optional Equipment**

| **No.** | **Designation** | **Name** | **Unit rev.** | **Qty** |
| --- | --- | --- | --- | --- |
| **1. Heating, ventilation and air conditioning systems** |
| 1.1 | KO-50 | Heating and ventilation system with the bottom heater / Kerosene heater (overhead) | to-t | 1 |
| **2. Household, oxygen, rescue equipment** |
| 2.1 | ARM-406P | Emergency beacon /Emergency beacon | PC | 1 |
| **3. Flight and navigation equipment** |
| 3.1 | SRPBZ | Ground proximity early warning system: SRPBZ unit, SRPBZ console, AD32 air data display device, Kallsman air flow temperature sensor / Earth proximity warning system | to-t | 1 |
| 3.2 | BMS indicator | Onboard multifunctional GPS / GLONASS / GPS systems | PC | 1 |
| **4. Control equipment** |
| 4.1 | P-507M | Voice information recorder /Voice recorder | PC | 1 |
| **5. Radio communication equipment and intercom equipment** |
| 5.1 | ORLAN-85ST | Radio station (standby) | to-t | 1 |
| 5.2 | - | Preparing the aircraft for the installation of the 6201-9 radio responder  | to-t | 1 |
| **6. Glider** |
| 6.1 | 171M.0385.200 | Enlarged escape hatches /Enlarged escape hatches | to-t | 1 |
| 6.2 | - | Cargo shell doors with central hatch | to-t | 1 |
| **7.Fuel and oil systems** |
| 7.1 | 171-6150-00-01; 02 | External additional fuel tanks with installation according to dash. 171-6140-00 and a system for pumping fuel from tanks according to hell. 171-6130-00/External additional fuel tank installation from blueprints 171-6140-00 and the fuel transfer system from blueprints 171-6130-00 | to-t | 1 |
| 7.2 | 8AT-6116-100 (8AT-6117-00-02) | Additional left internal fuel tank, lower location /Additional left inner fuel tank arranged in the bottom  | to-t | 1 |
| 7.3 | - | Modification of the side for the installation of an additional right internal fuel tank of the lower location 8AT-6116-100 (8AT-6117-00-01) /Modification of the aircraft for the installation of an additional right inner fuel tank of the lower location 8АТ-6116-100 (8АТ-6117-00-01) | to-t | 1 |
| **8.Lifting and conveying equipment** |
| 8.1 | 8AMT.9611.000 (version 903) | External suspension (with a hydraulic weight meter and a set of cables for 20 m) ./ External load sling system with hydraulic weight indicator, guards, fixtures and the 3rd headlight. | to-t | 1\* |
| 8.2 | SLG-300 | Side boom with winch (at the left door) /**Portside cargo jib with hoist** (on the left door) | to-t | 1\* |
| **9. Landing equipment** |
| 9.1 | TU-80AMT-23 | Folding seats 27 seats / Troop seats (27pcs) | to-t | 1 |
| **10. Other equipment** |
| 10.1 | ATC respondent / Defendant ATC | KT 76S | PC. | 1 |
| 10.2 | Navigation landing equipment | KN53 | PC. | 1 |
| 10.3 | VOR / LOC / Glideslope indicator | KI 204 | PC. | 1 |
| 10.4 | VOR / LOC / Glideslope indicator | KI 207 | PC. | 1 |
| 10.5 | Radio range finder with indicator KDI-572 /Radio range finder with indicator KDI-572 | KN63 | PC. | 1 |
| 10.6 | Weather radar /**Weather radar** | 1A813M-300 | to-t | 1 |
| 10.7 | IFI / | A813-0409 | to-t | 1 |
| 10.8 | Radio compass /Radiocompass | ARC UD | to-t | 1 |
| 10.9 | Rails /Rails | 8AMT-0360-750SB | to-t | 1 |
| 10.10 | - | Preparation of the board for the installation of medical modules for helicopter ММВ.9520.000-03, ММВ.9520.000-04  | to-t | 1 |

**Note:**

1. In addition to the above products and assemblies, other standard equipment may be installed on the Helicopter in accordance with the current documentation for its manufacture.

2.The helicopter is additionally supplied with 1 (one) set of the following equipment:

* 1. External suspension (with a hydraulic weighing device and a set of cables for 20 m) 8AMT.9611.000 (version 903).
	2. Side boom with a winch (at the left door) SLG-150, or 300
1. The Seller has the right to change the names, designations, units of measure and the number of products and assemblies installed on the Helicopter, without increasing the Price of the Helicopter.