

SPARES

| Electrical | Engine Parts | Instruments | Landing Gear | Pilot Supplies | Tools | Aerodynamics |
|---------------------|---------------------|-----------------------------|---------------------|---------------------------|--------------------|---------------------|
| Alternators | Air Filter | Aircraft Digital Instrument | Axles and Axle Nut | Air Coolers | Cable Equipment | Air Inlet |
| Batteries | Air/Oil Separator | Accelerometers | Brake Components | Armrests | Clamping Tools | Bearings |
| Battery Accessories | Alternators | Airspeed Indicators | Brake Discs | Bird Deterrents | Dehumidifier | Boots and Covers |
| Air Conditioners | Exhaust Systems | Altimeters | Brake Linings | Carbon Monoxide Detectors | De-Icing Equipment | Cable Assemblies |
| Cables & Connectors | Engine Accessories | Ammeters | Brakes | Cockpit Accessories | Drilling Equipment | Canopies |

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|---------------------|---------------------|---------------------|----------------------------|------------------------|------------------------|-----------------|
| Battery Chargers | Carb Heat Boxes | Attitude Indicators | Floats/Skis | Flight Computers | Engine Tools | Carb Heat Boxes |
| Circuit Breakers | Carburetors & Parts | Cabin Air Gauges | Jacks | Aircraft Covers | Flashlights | Control Wheels |
| Control Units | Engines | Carburetor Gauges | Landing Gear, Experimental | Cowl Plugs | Gauges | Cowling |
| Flashlights | Exhaust Component | Chronometers/Clocks | Leaf Springs | Ear Plugs | Hand Tools | Cowl Seals |
| Fuses | Fuel Systems | CHT Gauges | Master Brake Cylinders | Electronic Flight Bags | Heat Guns | Cozy Parts |
| Ignition Switches | Fuel Filters | Compasses | Nose Wheels | Fire Extinguishers | Inspection Equipment | Door Parts |
| Instrument Lighting | Fuel Pumps | Density Altitudes | Rudder Parts | Flashlights | Magnetic Tools/holders | Door Seals |
| Interior Lighting | Fuel Senders | Directional Gyros | Shock Cords / Rings | Flight Bags | Magnifying Tools | Flap Actuators |

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|--------------------|------------------|---------------------------|-----------------------|---------------------|---------------------|------------------------|
| Ground Starting | Fuel Valves | Emergency Power Backups | Strut Parts | Fuel Testers | Marking Utensils | Floats |
| Landing Lights | Gascolators | Engine Monitoring Systems | Tailwheel Accessories | Fuel Transfer Pumps | Measuring Devices | Fuel Systems |
| LED Lighting | Gaskets | Flap Position Indicators | Tailwheels | Hangar Equipment | Metal Working Tools | Glareshields |
| Noise Filters | Ignition Systems | Fuel Instruments | Tires and Tubes | Headsets | Oil Filter Tools | Lightning Protection |
| Pin & Socket Tools | Magnetos & Parts | Hour Meters | Tools | Headset Accessories | Painting Equipment | Propellers |
| Power Converters | Oil Cooler | Hydraulic Pressure Guages | Turbine Rotables | Oxygen Systems | Planers | Pulleys and Springs |
| Power Panel | Oil Filters | Inclinometers | Wheels | Parachutes | Pneumatic Tools | Pushrod Fittings |
| Power Supplies | Oil Systems | Instrument Lighting | Wheel Accessories | Pedal Planes | Power Tools | Rubber Channels |
| Relays | O-Rings | Manifold Pressure Gauges | Wheel and Brake Kits | Seat Accessories | Rivet Tools | Seat Belts & Harnesses |

MI-8/17 AND KA-32 SPARE PARTS CATALOGUE

POWER UNIT AND TRANSMISSION

| | |
|-------------------|------------------------|
| 246-1517-000 | Tail gearbox |
| 8-1930-000 cep.02 | Main rotor hub |
| 8-1950-000 | Swash plate |
| 8A-1515-000 | Intermediate gearbox |
| 8A-1516-000 | Tail rotor drive shaft |
| 8A-6311-00 | Fan |
| 8A-6314-00 | Cardan shaft |
| 8AMT-1250-00 | Vibration damper |
| AI-9V | Engine |
| VR-14 | Main gearbox |
| TV3-117VM ser.02 | Engine |

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|----------------------|----------------------------------|
| 246-3904-000 ser. 01 | Tail rotor |
| 246-3925-00 | Tail rotor blades (246-3904-000) |
| 8-3904-000 | Tail rotor |
| 8-3922-00 | Tail rotor blades (8-3904-000) |
| 8AT-2710-00 | Main rotor blades (5 pcs.) |

OIL AND FUEL EQUIPMENT

| | |
|-------------|--------------------------------------|
| 11TF30SM-0 | Fuel filter |
| 463B | Electrically-driven centrifugal pump |
| 5349T | Air/oil cooler unit |
| 610200A | Electromagnetic crane |
| 766300A-1-T | Shut-off valve |
| ЭЦН-91S | Electrically-driven centrifugal pump |

CONTROL AND HYDDRAULIC SYSTEMS

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|---------------|-------------------------------|
| 8D2.966.017-2 | Hydraulic filter |
| EMT-2M | Electromagnetic brake |
| FG-11BN | Hydraulic filter |
| GA-172-00-2/T | Metering device |
| GA-192T | Electromagnetic crane |
| GA-59/1 | Emergency supply cut-in valve |
| GA-74M/5 | Two-position solenoid valve |
| GA-77B | Automatic pump relief valve |
| KAU-115AM | Combined control Unit |
| KAU-30B | Combined control Unit |
| RA-60B | Combined control Unit |
| MP-100M-2ser. | Electric actuator |
| NSH39M | Gear pump |

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|---------------------|-------------------------------|
| OK-10A | Check valve |
| RU-2 | Chain, 67 Links |
| PR-15,875-2300-1-67 | Control handle |
| SPUU-52 | Tail rotor pitch limit system |
| BU-32 | Control unit |
| DOS | Feedback transmitter |
| P-1 (P-1Tr) | Resistance Thermometer Sensor |
| IKD27Da-400-830 | Pressure measuring complex |

FUSELAGE, CHASISS AND PNEUMATIC SYSTEMS

| | |
|-------------------|----------------|
| 595x185 Model 14A | Nose gear tyre |
| 865x280 Model 1A | Main gear tyre |
| 8A-4101-00B-1 | Gear |
| 8A-4101-00B-2 | Gear |

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|----------------|--|
| 8A-4201-00A | Levered nose gear shock strut |
| AK-50T1 ser.3 | Compressor |
| V8BP-000 | Heated windscreen (RH) |
| V8BP-00-1 | Heated windscreen (LH) |
| K2 116 | Unbraked wheel for tyre 595x185 |
| KT97-310 | Wheel for tyre 865x280 |
| KT97-220-1,-2 | Wheel brake |
| UP25/2 | Pressure reducing valve |
| UPO3/2M | Reduction accelerator (Pneumatic control unit) |
| B24-4301-100-7 | Tail bumper shock strut |

Fire protecting, deicing, heating and ventilating equipment

| | |
|------------------|--------------------------|
| 1-4-4 | Fire extinguisher |
| 1-2-4-210 | Bottle |
| PGKts | valve squib control head |
| MA-250M | Air pressure gauge |
| 1919T | Control shutter |
| EPV-50BT ser.2 | Electric actuator |
| 8AT-7420 | Tail rotor slip ring |
| DV-302T | Electric fan |
| EV-0,7-1640 | Electric fan |
| OR1-2,0-20-30 | Fire extinguisher |
| SO-121VM var."A" | Ice detector |
| DSL-40T | Ice detecting sensor |

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|--------------|--------------------------------|
| PE-11M | Electronic inverter |
| RM-5 | Mounting frame |
| SSP-FK ser.2 | Fire detection and |
| TSV36M313 | Rotor slip ring |
| TV-19T | Thermometer |
| TV-19T | Electric thermometer indicator |
| P-9T | Temperature bulb |

Electric and commutation equipment

| | |
|---------|---------------------------|
| APD-78A | Engine start control unit |
| APD-9B | Start control panel |
| APSH-3M | Bus selector switch |
| AZP-A2 | Circuit breaker |
| RM-355G | Gimbal |

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|--------------|-----------------------------|
| BZUNP355G | Protection unit |
| BRN120T5A-3s | voltage regulating unit |
| BCHF-208 | Phase-sequence unit |
| AT-8-3 | Autotransformer |
| BSGO-400A | Unit |
| BTT40BT | Current transformer unit |
| VU-6B | Rectifying device |
| DMR-200D | Differential relay |
| DMR-200VU | Integrated device |
| PTS-800BM | 3-phase static inverter |
| RN-120U | Voltage regulator |
| SPO-9 | Static inverter |
| TR-115/36 | Stepdown transformer |
| TS310S04B | Transformer |
| SHRAP-500K | Ground power connector plug |
| SHRAP-400-3F | Ground power connector plug |

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|-----------------|-----------------|
| 20NKBN-25-TD-U3 | Storage battery |
| 12-SAM-28P | Storage battery |

Lighting equipment

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|---|----------------------------------|
| FPP-7M | Search / landing lamp |
| KNIB.203561.043 | Light filter for the lamp FPP-7M |
| MSL-3-2s with colorless light filter 8YU7.226.021 | Signal lamp beacon |
| KNIB.676769.011 | Emission source for MSL-3-2s |
| BANO-64-K | Aircraft navigation light red |
| BANO-64-Z | Aircraft navigation light green |
| OPS-57 | Formation light |
| KNIB.676769.001 | Emission source for OPS-57 |
| HS-62 | Tail light |
| KNIB.676769.003 | Emission light for HS-61 |
| FR-100 | Lamp |

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|-------------------------------|-----------------------------------|
| TN-115-7,5 | Transformer |
| P-39 with the lamp SM 28-5 | Dome light |
| KNIB.755411.039 | Light filter for P-39 (Cockpit) |
| SBK | Cockpit lamp |
| PBS-1 with the lamp SM3 28-23 | White color dome light |
| P-39 with the lamp SM 28-5 | Dome light |
| KNIB.756411.001-01 | Light filter for P-39 () |
| FR-100 | Lamp |
| 47KV (47K) | Extension light connection socket |
| 48KV (48K) | Extension light connection socket |
| P-39 with the lamp SM 28-5 | Dome light |
| SM 28-10 | Lamp |
| TP100/2 | Transformer |
| SV-2 | Lamp |
| APM-1 | Lighting fitting |

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|------------|--|
| SAS-4-9 | Emergency warning and caution system consist of: |
| BK-7 | Switching unit |
| BU | Caution signal unit |
| BAP-1 | Emergency warning signal unit |
| TS-5M var. | Annunciator |

Engine and gearbox control instruments

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|---------------|--|
| RT-12-6 2ser. | Temperature regulator |
| 2IA-6 | Dual measuring equipment, consists of: |
| 2UT-6K | Dual temperature indicator |
| 2UE-6B ser. 2 | Deal electronic amplifier |
| PK-6 | Block |
| D-1M U2 | Primary transmitter |
| D-2M U2 | Primary transmitter |
| IV-500E ser.2 | Vibration control |

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|-------------|-------------------------------|
| YsS-6 ser.2 | Matching device |
| MV-03-1 | Piezoelectric transducer |
| BE-9E ser.2 | Electronic unit |
| P-77 var.2 | Temperature sensor |
| TST-282S | Thermoelectric thermometer |
| TUE-48 | Thermometer assembled |
| UP-21-15 | Position indicator assembled: |

Control instruments of pneumatic, fuel, hydraulic, electric systems

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|------------|----------------------------|
| A-2 | Ammeter |
| V-1 | Voltmeter |
| VF-0,4-150 | Voltmeter |
| MA-60 | Pressure gauge |
| MVU-100K | Unified air pressure gauge |
| SD-29A | Pressure switch |

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|--------------------------|-----------------------------------|
| SKES-2027B | Aviation electricalkerosene meter |
| DTPR SKES-2027B Tank PI | Sensor |
| DTPR SKES-2027B Tank PPr | Sensor |
| DTPR SKES-2027B Tank R | Sensor |
| DTPR SKES-2027B Tank D | Sensor |
| IDP-1 | Floating sensor simulator |
| BE-09 | Indicator |
| MST-25A | Pressure switch |
| MST-30A | Pressure switch |
| TF1-75.150/1A | Transformer |
| TF1-25.50.100/1A | Transformer |
| AF1-150 | Ammeter |

Flight and navigation equipment

| | |
|---------------------|---|
| AGB-3K ser3. | Gyro horizon |
| AGB-96D-S | Gyro horizon |
| AGB-96P-S | Gyro horizon |
| AP-34B ser.2 | Autopilot, consists of: |
| 6S2.390.007-3 ser.1 | Control panel |
| 6S2.399.000 | Control unit |
| BUNPP-V ser.1 | flight-navigatuion instrument amplifier unit |
| DUS 1209E, G, K | Angular rate sensor (Pitch, Roll, Direction) |
| IN-4 | Null indicator |
| KV-11 | Altitude corrector |
| 6S2.553.002 ser.1 | Force-balance transducer |
| 1479-V | Amplifier unit |
| BF-34 парт. А | Filters unit |
| BKK-18 | Roll control unit |

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|----------------|------------------------------|
| BS-34-01 | Coupling unit |
| TV-45K | Cabin thermometer |
| BSGO-400A | Ready signal unit |
| VK-53E-RV | Erecting cut-out switch |
| GMK-1GE | Compass system, consists of: |
| AS-1 | Synchronizer |
| BS-1 | Coupling unit |
| GA-6 | Gyro unit |
| ID-3 | Inductive sensor |
| KM-8 | Compensator |
| PU-27E | Control panel |
| UGR-4-UK ser.3 | Indicator |
| KI-13KA | Liquid magnetic compass |
| KZSP | IAS controller |
| PVD-6M | Pitot-static tube |

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|----------------|-------------------------|
| US-450K ser.2 | Air speed indicator |
| VAR-30MK ser.4 | Rate-of-climb indicator |
| VD-10VK ser.2 | Altimeter |
| ACHS-1MK | Aviation clock |

Monitor and auxiliary equipment

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|----------------|---|
| ALMAZ-UPM | Voice information reporting system |
| BUR-1-2 ser.2 | Flight data recorder system |
| PU-25-1 | Control panel |
| BSPI-4-2 ser.2 | Flight data recorder unit |
| RA-37K | Frame |
| ZBN-1-3 ser 3 | FDR recorder unit |
| DPSM-1 | IAS transducer |
| MSTV-2,5C | Pressure switch heat resistant and shakeproof |

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|---------------|--|
| DV-15MV ser.2 | Altitude transmitter |
| M11A | Module |
| MU-615A ser.1 | Angular displacement transmitter |
| MP-95±1,5 | Potentiometric accelerometer |
| MP-95+3-1 | Potentiometric accelerometer |
| RI-65B | Voice communication airborne equipment |
| RI-65-10 | Voice communication unit |
| RI-65-20 | Remote control panel |
| RI-65-30 | Matching amplifier |
| DV-15MV ser.2 | Altitude transmitter |
| M11A | Module |
| MU-615A ser.1 | Angular displacement transmitter |
| MP-95±1,5 | Potentiometric accelerometer |
| MP-95+3-1 | Potentiometric accelerometer |
| RI-65B | Voice communication airborne equipment |
| RI-65-10 | Voice communication unit |
| RI-65-20 | Remote control panel |

Helicopter driving equipment

| | |
|----------------|----------------------------|
| ARK-15M var.14 | Automatic direction finder |
| A-037 ser.04 | Radio altimeter |
| A-037-11 | Instrument |
| A-034-4-17 | Instrument |
| A-037-1-1 | Instrument |
| BMP ser.2 | Mechanical transition unit |

Radio communication equipment

| | |
|------------|---------------------|
| ORLAN-85ST | Radio station |
| Prima-KV | Radio station |
| B1-PrK | Transceiver unit |
| B5A1-PrK | Antenna device unit |
| B7B-PrK | Unit |
| P-503B | Voice recorder |
| YADRO-1A1 | Radio station |

ONLY KA-32 SPARE PARTS

| | |
|-------------------|--|
| TB3-117VMAs | Engine |
| AI-9 | Auxiliary power unit |
| VR-252 | Reducing gearbox |
| 500.2906.6000.000 | Blade upper Rotor |
| 500.2906.7000.000 | Blade lower Rotor |
| D2B2000-0/B | Main rotor mast |
| VV TS-7M | Upper rotor slip ring |
| TSV36M033 | Lower rotor slip ring |
| NR-3VMA | Fuel control unit |
| IVD (KPA) | Air pressure device (test instrumentation) |
| LIM-70 | Laboratory beacon simulator |
| GA-142/1 | Solehoid-operated valve |
| MPU-1 | Small swinging devise |
| RS-60 | Steering system |