



2007 A119 Koala

Price: Make an Offer



Aircraft Details

Manufacture Date: 2007
Hours: 87hrs

Airframe:

- Aluminium alloy & bonded panel fuselage
- Semimonocoque aluminium alloy tail boom
- Skid type landing gear
- Two jettisonable crew doors (LH & RH)
- Two passenger sliding doors (LH & RH) with jettisonable window
- Acrylic windshield & side windows
- Acrylic overhead windows
- Removable fibreglass tail rotor gear box fairing
- Quick removable tail rotor drive shaft cover
- Separate baggage compartment with hinged door
- Three jacking points
- Tie down points
- Removable fairing and cowlings providing complete accessibility to the controls & drive components.
- Quick opening hinged inspection doors to allow visual check of engine oil levels & maintenance inspection points

Interior Arrangement:



- Two individual pilot seats, fore & aft adjustable, with lap belts
- Aluminium alloy honeycombe reinforced floor with anti skid finish
- Ventilation ram air inlets
- Anti reflection instrument panel
- Ashtray

Exterior Finishing:

- Finishing in accordance with manufacturer specification 109-05-03
- Primer exterior painting

Power Plant & Fuel System:

- Pratt & Whitney PT6-B37A turboshaft engine
- Engine mounted fuel pump & filter assembly
- Engine mounted oil pump & filter assembly
- Engine mounted fuel control & governor
- Electronic engine control (EEC)
- Lubrication & cooling system
- Engine oil chip detectors
- Engine mounted fuel heater
- RH refuelling point
- Fuel system control panel
- Three fuel cells (160 US Gall)
- Submerged fuel pumps (2 boost & 1 transfer pump)
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Transmission Drive System:

- 900 SHP for take off & continuous operation main transmission
- Two stage transmission
- Two transmission mounted hydraulic pumps with separate reservoir
- Internal dry sump transmission lubrication with pressure & scavenge pump and oil filter
- Transmission oil chip detectors (2)
- Single stage, bevel gear T/R 90° gear box including oli level sight glass & chip detector
- Transmission cooling & lubrication system
- Transmission shafts (engine to main transmission, engine to tail transmission, transmission to blower)

Rotors & Controls:



- Titanium metal main rotor hub, corrosion protected, fully articulated with four composite grips, four elastomeric bearings, four individually interchangeable composite blades, swept tips, and dampers.
- Tail rotor, two individually interchangeable composite blades, semi-rigid, delta hinged type, individually interchangeable.
- Cyclic & collective controls powered by two hydraulic systems
- Hydraulically powered anti torque system
- Adjustable friction devices on cyclic & collective system
- Force trim & artificial feel system
- Adjustable directional control pedals
- Dynamic flapping lock mechanism

Electrical:

- 28 volt DC 22 Ah nickel cadmium battery with temperature probe
- 200 Ampere self cooled starter generator
- Voltage regulator
- Battery relay
- Interconnecting bus relay
- External power relay
- Distribution buses (2)
- External power receptacle
- Position lights
- 250W landing lights (2)
- Utility lights (2)
- Anti collision lights (2)
- Instrument lights with dimming switch
- Radio master switch

Basic Instrumentation:

- Integrated Display System (2 LCDs) displaying the following information:
- - Inter Turbine Gas Temperature (ITT °C)
 - Engine torque (TQ%)
 - Compressor speed (N1%)
 - Turbine speed (N2%)
 - Rotor Speed (NR%)
 - Engine oil pressure (PSI) & temp (°C)
 - Transmission oil pressure (PSI) & temp (°C)
 - DC current (Amp)
 - DC voltage (VDC)
 - AC voltage (VAC 1 & 2)
 - Fuel pressure (PSI) & fuel quantity (KG)
 - Hydraulic pressure (PSI) system 1 & 2
 - Outside temperature (°C)



- Time (hour: min: sec)
- Warning, Caution & Advisory Annunciations

- Caution Warning & Advisory System
 - Master warning lights
 - Master caution lights
 - Aural warning generator

- Pilot Instruments
 - Barometric encoding altimeter
 - Air speed indicator
 - Vertical speed indicator
 - Magnetic compass indicator
 - Clock, 8 days & elapsed time
 - Dual tachometer backup instruments

Standard Equipment:

- Cabin fire extinguisher
- Crew open door actuators
- First aid kit
- Pilot/co-pilot shoulder harness with inertia reel
- Baggage compartment lights
- Tail boom strake
- Electrical fuel drain kit

VFR Avionics Package:

- | | | |
|--|----------|----------------|
| - VHF-COM/GPS | 250 XL | Garmin |
| - ICS Pilot (inc 1 Control Panel & 2 + 4 headsets) | AG-06-1U | Agusta Gemelli |
| - Gyrocompass | C14 | Honeywell |
| - Pilot Navigation Instruments including: | | |
| ▪ ADI | | |
| ▪ HIS | | |
| - Transponder | KT70 | King |
| - ADF | KR87 | King |

Factory Installed Additional Equipment:

- | | | |
|---------------------------|-------|-----------|
| ▪ AFCS 3 Axis Duplex | SP711 | Honeywell |
| ▪ AC System (2 Inverters) | | |



Utility:

- Rotor Brake
- Dual Controls

Painting:

- Painting scheme with solid colour series 300

Miscellaneous:

- Air intake/exhaust covers
- Pitot tubes covers
- Tie-down fittings
- Flight Manual & Technical Publications
- Ground wheels
- Tow bar
- Lifting tool

Factory Installed Additional Equipment:

- Bird resistant windshield, pilot/co-pilot
- Windshield wipers pilot/co-pilot
- Baggage enlargement (1.9m)
- 27 Ah Battery (in lieu of 22Ah Battery)

Factory Installed Interior:

- Passenger seats (6 places) with fabric covering
- Tinted panels

Customer Required Configuration:

- Heater bleed air
- VIP interior (in lieu of standards interior), leather covering 6 pax seats with armrest + 2 pilots seats
- Leatherette covered liners
- VHF-COM/NAV KX165
- DME KN-62A
- Marker Beacon KR21
- Radio Altimeter AA300
- ELT (three frequencies) C406-2HM
- ICS Co-pilot (2nd control panel) AGU-06-1U
- Baggage enlargement (2.3m)
- Bose headset type X (eight)
- 230 US Gall fuel system (in lieu of 160 US Gall)
- Retractable landing light 450W



Additional Images

