

VOLARE
AVIATION



2006 AGUSTA 109E

G - J K J A S N 1 1 6 7 5

AIRCRAFT SPECIFICATION

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HELICOPTER OVERVIEW



AIRCRAFT



MODEL
AGUSTA 109E



AIRCRAFT BASE
OXFORD, UK (EGTK)



SEATING
6 PASSENGERS

AIRFRAME



TOTAL TIME
3,690

AGUSTA 109E

HIGHLIGHTS

- Pratt & Whitney PW206C TurboShaft Engines
- Increased Gross Weight 3 Ton Mod
- Fresh Paint in Land Rover Boriealis Black
- Sliding Doors
- Float Provision
- Air Conditioning
- Wire Strike Kit



AGUSTA 109E



01

ENGINE 1

Manufacturer: Pratt & Whitney
 Model: PW206C
 Serial Number: PCE-BC0052
 Total Time: 4,868 Hours

02

ENGINE 2

Manufacturer: Pratt & Whitney
 Model: PW206C
 Serial Number: PCE-BC0058
 Total Time: 7,402 Hours

HOURLY INSPECTIONS

HOURLY	HRS REMAINING
200 HOURS	182
400 HOURS	185
800 HOURS	190
3200 HOURS	2590

MAJOR COMPONENTS

COMPONENT	HRS REMAINING
MAIN GEARBOX	1,222
TAIL GEARBOX	2,635

ENGINE LIVES

ENGINE	HRS REMAINING	ENGINE	HRS REMAINING
ENGINE 1	2,073	ENGINE 2	2,775

AGUSTA 109E

AVIONICS

- Single Pilot IFR Configuration
- NAV/COM KX165A
- DME KDM 706A
- ADF KR-87
- Transponder TT31 Mode S
- Radioaltimeter SPERRY AA-300
- Marker Beacon KMN 675
- Flight Director
- Additional Artificial Horizon
- Intercom System
- GPS Trimble 2101 I/O
- Weather Radar RDR-2000
- E.L.T ARTEX ELT C406-2HM
- 24 V DC Ah Nickel Cadmium Battery with Temperature Probe
- Two 160 A self-cooled Starter Generators
- Two Voltage Regulators
- Battery Relay / External Power Relay
- Two Interconnecting Bus Relays
- Distribution Buses (one battery, two essential, two emergency, two main)
- Radio Master Switch
- External Power Receptacle
- Two DC Ammeters (on IDS Display)
- Position Lights
- Instrument Lights with Dimming Switch
- Maneuverable Searchlight
- Two Utility Lights
- Two Anti-Collision Lights
- Intercom System



AGUSTA 109E

EQUIPMENT

- Two Pratt & Whitney PW206C Turboshaft Engines
- Two P&W Independent Electronic Control Systems (FADEC) with Normal Emergency and Training Operation Modes and AutoStart
- Fuel Pump and Filter Assembly
- Two Engine Oil Chip Detectors
- Airframe Mounted Easy Access Fuel Filter
- Two Independent Fuel Systems with Cross-feeding valve and control panel
- SB109EP-113 embodied to upgrade fuel system to facilitate auxiliary fuel taking, extending capacity from 595L to 825L
- Rotor Brake
- Dual Controls
- 450W Rotating Landing Light
- Airframe Hourmeter (pilot/co-pilot)
- Door Openers
- Wire Strike Kit
- Weather Radar
- Sliding Doors
- Pilot and Co-Pilot Window Vent
- Float Provision
- Increased Gross Weight 3 Ton Mod
- Mode S Transponders
- Air Conditioning
- Autopilot



AGUSTA 109E

INTERIOR FEATURES

- Seats are new Dove Grey Hide with Dark Grey Stitching
- Tapis Light Grey Carpet
- Crew Seats are Dove Grey
- Headlining and Sidewalls are Tapis Ultra Leather Pro Grey
- Sliding Side Doors for Easy Passenger Access

EXTERIOR FEATURES

- Fresh Paint in Land Rover Boriealis Black
- Wire Strike Kit with Reinforced Screens





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This aircraft specification is introductory information only. It is the sole responsibility of the purchaser to verify the accuracy and completeness of all specifications.