

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**  
3,690.43

AIRCRAFT HIGHLIGHTS

# AGUSTA 109E

## HIGHLIGHTS

- Pratt & Whitney PW206C TurboShaft Engines
- Increased Gross Weight 3 Ton Mod
- Fresh Paint
- Sliding Doors
- Air Conditioning



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# AGUSTA 109E



## HOURLY INSPECTIONS

HOURLY	HRS REMAINING
200 HOURS	182.02
400 HOURS	185.79
800 HOURS	190.85
3200 HOURS	2590.85

## MAJOR COMPONENTS

COMPONENT	HRS REMAINING
MAIN GEARBOX	1222.79
TAIL GEARBOX	2635.53

## 01

### ENGINE 1

Manufacturer: Pratt & Whitney  
 Model: PW206C  
 Serial Number: PCE-BC0052  
 Total Time: 4868.35 Hours

## 02

### ENGINE 2

Manufacturer: Pratt & Whitney  
 Model: PW206C  
 Serial Number: PCE-BC0058  
 Total Time: 7402.53 Hours

## ENGINE LIVES

ENGINE	HRS REMAINING	ENGINE	HRS REMAINING
ENGINE 1	2073.14	ENGINE 2	2775.95

# 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



AIRCRAFT INTERIOR SPECIFICATION

# 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 Borealis Black
- Wire Strike Kit with Reinforced Screens



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