



## 2007 A-109S Grand

**S/N: 22037**

**R/N: I-CLMH**

**2,266 hours Total Time**

**VIP Corporate Configuration**



### Helicopter Summary Description

- CAT A - Single/Dual Pilot IFR
- Garmin 530/430 GPS/Nav/Comm
- Honeywell RDR 2000 Color Weather Radar
- Skyforce MK II Moving Map
- AA 300 Radar Altimeter
- Artex C406-2HM ELT
- Air Conditioning
- 2.3 CM Baggage Extension
- 213 US Gallon Fuel System
- Reinforced Windshields
- Pilot Multi-Purpose Holder
- LH/RH Electrical Cabin Steps
- Emergency Float Provisions
- Paulstra Soundproofing
- Winglet Light Kit
- Interior Cabin: VIP 3 Place Aft and 3 Place Forward Facing Pearl White and Gray Leather Bench Seats, Black Seat Belts and Gray Carpet
- Exterior: Pearl White w/ Blue Stripes

**HELICOPTER STANDARD CONFIGURATION**

**A.1 BASIC HELICOPTER**

- Pilot flight instruments:
  - Barometric encoding altimeter
  - Air speed indicator
  - IVSI
  - Magnetic compass indicator
  - Clock
  - L. C. Integrated Display System (I.D.S.)
  - Fuel drain electrical valves
  - Quick disconnecting chip detectors
  - First aid kit
  - Cabin fire extinguisher
  - 27 Ah battery
  
- Two PW 207C engines with FADEC
- 960 SHP TOP main gear box
- Aluminum alloy mainframe
- Retractable tricycle landing gear
- Fully articulated 4 bladed M.R. Hub
- Semi-rigid 2 bladed T.R. Hub
- Composite Main & Tail Rotor blades
- Pilot/Co-pilot hinged door with opening actuators
- Pilot and Co-pilot crash resistant seats
- Pilot/Co-pilot shoulder harness with inertia reel
- Pilot/Co-pilot headsets (2)
- 1.3 mt. wide passengers cabin sliding doors
- 213 US Gallon Crash resistant Fuel system

**HELICOPTER STANDARD CONFIGURATION**

**A.2 SINGLE PILOT IFR/FAA AVIONIC PACKAGE (King- Garmin series)**

- - AC system (2 inverters)
- - Pilot navigation instruments, including following instruments:

- LCD EADI & EHSI
- Stand by ADI

- Gyrocompass	C14	Honeywell
- Vertical gyro (No.1)	46060-11	Flightline
- Vertical gyro (No.2)	VG 208	JET
- AFCS 3 Axis Duplex	SP 711	Honeywell
- ADF	KR 87	King
- Transponder (Mode S)	KT 73	King
- 1 <sup>st</sup> VHF-COM/NAV/GPS	GNS 530	Garmin
- 2 <sup>nd</sup> VHF-COM/NAV/GPS	GNS 430	Garmin
- ICS Pilot including:		
<input type="checkbox"/> Pilot / Co-pilot Contr. Panel	AA 95 –896TSO	NAT
<input type="checkbox"/> Mode Controller	AA 31 – 002	NAT
<input type="checkbox"/> Audio Cabin Control	AA 82 – 060	NAT
- DME	KDM 706A	King
- Marker Beacon	KMR 675	King

### A.3 ADDITIONAL INSTALLED AVIONIC EQUIPMENT

- - Co-pilot flight/navigation instruments, including following instruments:
  - Barometric altimeter
  - Air speed indicator - VSI
  - LCD EADI & EHSI
- - Flight Director + auto trim                      FZ 702                      Honeywell
- - Radio altimeter                                      AA300                      Honeywell
- - E.L.T.    C406 – 2HM                      Artex
- - Moving Map    MK II                              Skyforce
- - EFIS Pilot/Co-pilot on Command Switch
- - Iridium SATCOM `                                      ST3100                              Aircell

### A.4 ADDITIONAL INSTALLED EQUIPMENT

- CAT A Kit
- - Dual controls
- - Rotor brake
- - Emergency Float Provisions
- - 450 W Rotating Landing light
- - Windshield wipers (Pilot/Co-pilot)
- - Wiper switch on cyclic grip
- - Engine compartment Fire extinguisher
- - Locking Fuel Cap
- - Airframe hour meter
- - Passive “Anti” Vibration Absorber

### A.5 INTERIOR

#### VIP Interior

- - Air Conditioning Garret ECU
- - Silent sound proofing
- - Leatherette covered liners
- - All seats VIP model covered with leather
- - 3 seats central bench with foldable arm rest and see through modification
- - 3 seats aft bench with foldable arm rests
- - 3 points shoulder harness with inertia reels and safety belts on all seats
- - Dual Layer Cabin Windows
- - Reading lights
- - Cabin Refrigerator Drawer
- - Cabin Intercom System
- - Advisory lights
- - Floor carpeting
- - Floor courtesy lights
- - Leather bellows on flight controls
- - Pilot Tray
- - Multi Purpose Holder
- - 2 Active Noise Reducing Headsets
- - Pilot Headrests
- - Pilot / Co-Pilot Curtains
- - Baggage Compartment Extension 2.3 cm

## **A.6 PAINTING**

- - Pearl White with Blue Striping external color scheme with Metallic Paint

## **MISCELLANEOUS**

- - Air intake/exhaust covers
- - Pitot tubes covers
- - Tie-down fittings
- - Flight manual and technical publications
- - Ground tools Kit including Tow bar, Lifting Tool and Wheel Chocks

## **B. ADDITIONAL CUSTOMER REQUEST OPTIONAL EQUIPMENT INCLUDED**

- - Weather radar displayed on EHSI
- - Auxiliary fuel system 213 gal
- - VIP Interior (Refer A.5 INTERIOR)
- - Pulstra Soundproofing in lieu of VIP type Soundproofing

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