

 ICGC Institut Cartogràfic i Geològic de Catalunya	PROGRAMA DE MANTENIMIENTO AERONAVE REF: ICGC-PM-KING AIR B200GT	06/12/21 Ed 3, R 0
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ANEXO 5 Ed.3 / R0

PREFLIGHT INSPECTION

PROCEDURES BY FLIGHT PHASE

NOTE

Refer to all applicable Supplements for flight phase procedures for optional equipment installed in the airplane.

PREFLIGHT INSPECTION

After the first flight of each day, the Preflight Inspection may be omitted except for items marked with a "+". (Fuel Tank Caps and Engine Oil Quantity/Filler Cap need not be checked unless system(s) were serviced.) External inspections with flaps down may be conducted at intervals deemed appropriate by the pilot.

CABIN/COCKPIT

- 1. Monogram Electric Toilet (if installed) KNIFE VALVE OPEN
- + 2. Baggage SECURE
- 3. Emergency Exit SECURE AND UNLOCKED
- 4. Control Locks REMOVE AND STOWED
- 5. Trim Tabs SET TO "0" UNITS

CAUTION

The elevator trim system must not be forced past the limits which are indicated on the elevator trim indicator scale, either manually, electrically, or by action of the autopilot.

- 6. Condition Levers FUEL CUTOFF
- 7. Landing Gear Control DN
- 8. Parking Brake SET
- 9. Ignition and Engine Start ENSURE OFF
- 10. Battery ON, CHECK 23 VOLTS MINIMUM
- 11. Fuel Quantity (main & auxiliary) CHECK
- 12. Gear Down Annunciators ILLUMINATED
- 13. Flap Control (if desired) APPROACH, THEN DOWN
(check indicator)
- 14. Airstair Door (B200GT) Circuitry CHECK
 - a. Airstair Door Closed and Locked.
[DOOR UNLOCKED] EXTINGUISHED
 - b. Airstair Door Closed and Latched, but Not Locked.
[DOOR UNLOCKED] ILLUMINATED
 - c. Airstair Door Open and Mechanism in Locked Position.
[DOOR UNLOCKED] ILLUMINATED

15. Airstair Door (B200CGT) CircuitryCHECK
 - a. Cargo Door CONFIRM CLOSED AND LOCKED
 - b. Airstair Door Open.
[DOOR UNLOCKED]..... ILLUMINATED
 - c. Airstair Door Closed and Locked.
[DOOR UNLOCKED]..... EXTINGUISHED
 - d. Battery OFF
 - e. Airstair Door Closed, but Not Locked.
[DOOR UNLOCKED]..... ILLUMINATED
 - f. Airstair Door Open.
[DOOR UNLOCKED]..... EXTINGUISHED
 - g. Battery ON
16. Oxygen System Preflight Inspection COMPLETE
 - a. Passenger Manual Drop-Out..... PUSH OFF
 - b. System Ready..... PULL ON
 - c. Oxygen Masks (Pilot & Copilot).....CHECK
 - 1) Select EMER Position CHECK CONTINUOUS FLOW
 - 2) Set 100%
 - d. Oxygen Duration DETERMINE
 (See OTHER PROCEDURES.)
- +17. Battery OFF

LEFT WING AND NACELLE

1. Cabin Door Seal, Step Extension Cable, Light Wire,
Damper, and HandrailsCHECK
2. Cabin WindowsCHECK
- + 3. Auxiliary Fuel Tank Cap SECURE
4. Flaps (condition, asymmetry protection and flap tracks)CHECK
5. Oil Breather Vent CLEAR
- + 6. Brake Lines, Brake Wear, Brake Deice Lines (if installed)CHECK
7. Fire Extinguisher (if installed) CHECK PRESSURE

FIRE EXTINGUISHER PRESSURE VS. TEMPERATURE

°F	-40	-20	0	20	40	60	80	100	120
°C	-40	-29	-18	-7	4	16	27	38	49
PSI	190	220	250	290	340	390	455	525	605
Range	to 240	to 275	to 315	to 365	to 420	to 480	to 550	to 635	to 730

Section 4
Normal Procedures

Hawker Beechcraft Corporation
Model B200GT/B200CGT

8. Aileron and Tab	CHECK
9. Flush Outboard Wing Fuel Tank Sump	DRAIN
10. Static Wicks (4)	CHECK
11. Navigation, Recognition, & Strobe Lights	CHECK
+12. Main Fuel Tank Cap	SECURE
13. Stall Warning Vane	CHECK
+14. Tiedown	REMOVE
15. Outboard Deice Boot and Stall Strip	CHECK
16. Ice Light	CHECK
17. Heated Fuel Vent	CLEAR
18. Ram Scoop Fuel Vent	CLEAR
19. Gravity Line Drain	DRAIN
20. Inverter Cooling Louvers	CLEAR
21. Wing Leading Edge Tank Sump	DRAIN
+22. Landing Gear (doors, wheel well, strut, tires, brakes)	CHECK
+23. Chock	REMOVE
24. Fuel Filter and Fuel Strainer Drains	DRAIN
+25. Engine Oil	CHECK QUANTITY, CAP SECURE
26. Engine Compartment Door (outbd)	SECURE
27. Exhaust Stack (outbd)	CHECK FOR CRACKS
28. Top Cowling Locks (outbd)	SECURE
29. Nacelle Cooling Ram Air Inlets	CLEAR
+30. Prop	CHECK FOR NICKS, DEICE BOOT SECURE
31. Engine Intake	CLEAR
32. Top Cowling Locks (inbd)	SECURE
33. Exhaust Stack (inbd)	CHECK FOR CRACKS
34. Generator Cooling Inlet	CLEAR
35. Engine Compartment Door (inbd)	SECURE, BLEED VALVE EXHAUST CLEAR
36. Heat Exchanger Inlet	CLEAR
37. Hydraulic Landing Gear Service Door	SECURE
38. Inboard Deice Boot	CHECK
39. Heat Exchanger Outlet	CLEAR
40. Hydraulic Landing Gear Vent Lines	CLEAR
41. Auxiliary Fuel Tank Sump	DRAIN
42. Lower Antennas and Beacon	CHECK

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1. OAT Probe/Relief Tube VentCHECK
2. Brake Reservoir Vent CLEAR
3. Left Avionics Access Panel SECURE
4. Air Conditioner Condenser Exhaust Duct CLEAR
5. Windshield and WipersCHECK
6. RadomeCHECK
7. Pitot Masts CLEAR
8. Landing and Taxi LightsCHECK
- + 9. Nose Gear (shimmy damper, stop block, torque knee strut, tire) ..CHECK
- +10. Chocks REMOVE
11. Nose Gear Doors and Wheel WellCHECK
12. Air Conditioner Condenser Intake Duct CLEAR
13. Right Avionics Access Panel SECURE

RIGHT WING AND NACELLE

1. Ejector Exhaust CLEAR
2. Auxiliary Fuel Tank Sump DRAIN
3. Battery Drain CLEAR
4. Heat Exchanger Outlet CLEAR
5. Inboard Deice BootCHECK
6. Heat Exchanger Inlet CLEAR
- + 7. Engine Oil CHECK QUANTITY, CAP SECURE
8. Engine Compartment Door (inbd) SECURE
9. Exhaust Stack (inbd) CHECK FOR CRACKS
10. Top Cowling Locks (inbd) SECURE
11. Nacelle Cooling Ram Air Inlets CLEAR
- +12. Prop CHECK FOR NICKS, DEICE BOOT SECURE
13. Engine Intake CLEAR
14. Top Cowling Locks (outbd) SECURE
15. Exhaust Stack (outbd) CHECK FOR CRACKS
16. Generator Cooling Inlet CLEAR
17. Engine Compartment Door (outbd) SECURE, ■
BLEED VALVE EXHAUST CLEAR
18. Fuel Filter and Fuel Strainer Drains DRAIN
- +19. Landing Gear (doors, strut, tires, wheel well)CHECK

Section 4
Normal Procedures

Hawker Beechcraft Corporation
Model B200GT/B200CGT

- 20. Fire Extinguisher (if installed) CHECK PRESSURE
- +21. Chock REMOVE
- 22. Heated Fuel Vent CLEAR
- 23. Ram Scoop Fuel Vent CLEAR
- 24. Gravity Line Drain DRAIN
- 25. Inverter Cooling Louvers CLEAR
- 26. Wing Leading Edge Tank Sump DRAIN
- +27. External Power Door CLOSED
- 28. Ice Light CHECK
- 29. Outboard Deice Boot and Stall Strip CHECK
- +30. Tiedown REMOVE
- 31. Flush Outboard Wing Fuel Tank Sump DRAIN
- +32. Main Fuel Tank Cap SECURE
- 33. Navigation, Recognition, and Strobe Lights CHECK
- 34. Static Wicks (4) CHECK
- 35. Aileron and Bendable Tab CHECK
- 36. Flaps (condition, asymmetry protection,
flap tracks, limit switches, and position transmitter) CHECK
- +37. Brake Lines, Brake Wear, Brake Deice Lines (if installed) CHECK
- 38. Oil Breather Vent CLEAR
- +39. Auxiliary Fuel Tank Cap SECURE
- 40. Cabin Windows CHECK

RIGHT AFT FUSELAGE

- 1. Lower Antennas CHECK
- 2. Ventral Fin Drain Holes CLEAR
- 3. Lower Aft Cabin Access Door SECURE
- + 4. Tiedown REMOVED
- 5. Oxygen Service Access Door SECURE
- 6. Static Ports CLEAR
- 7. Cabin Air Exhaust CLEAR
- 8. Access Panel SECURE

TAIL

1. Ventral Fin and Static Wick (1)CHECK
 2. VOR antennas (right and left)CHECK
 3. Rudder, Rudder Tab, Stinger and Static Wicks (4)CHECK
 4. Horizontal Stabilizer, Boots and Static Wicks (right and left)CHECK
 5. Elevator, Tab and
Static Wicks (3 each side)CHECK
- Verify Tabs are in "0" (Neutral) Position.

NOTE

The elevator trim tab "0" (neutral) position is determined by observing that the trailing edge of the elevator trim tab aligns with the trailing edge of the elevator when the elevator is resting against the down stops.

6. Position Light, Tail Floodlights (left and right)CHECK

LEFT AFT FUSELAGE

1. Access Panel SECURE
2. Static Ports CLEAR
3. Oxygen Overpressure Discharge and
Aft Compartment Drain Tubes CLEAR
4. Relief Tube CLEAR

~~BEFORE ENGINE STARTING~~

~~NOTE~~

~~Items marked with an "**" may be omitted at pilot's discretion after the first flight of each day.~~

~~NOTE~~

~~Power settings and performance shall be predicated on the OAT from the pilot's side console display and not from the temperature displayed on the pilot's PFD and MFD.~~

WARNING

~~Only a crew member or properly trained ground personnel should close and lock the airstair door and cargo door (if installed).~~

	ICGCDTA-002 SUPLEMENTO INPECCIÓN PREVUELO AERONAVE KA B200GT S/N BY-95	17/07/15
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LISTA DE CHEQUEO DEL ESTADO DE INSTALACIÓN DE SENSORES AEROTRANSPORTADOS

EL PERSONAL ENCARGADO DE LA INSPECCIÓN PREVUELO DEBERÁ, CONJUNTAMENTE CON LAS INSTRUCCIONES PREVUELO INDICADAS EN EL MANUAL DE VUELO DE LA AERONAVE, CUMPLIR LAS SIGUIENTES INDICACIONES:

1. INSPECCIONAR LA ZONA EXTERIOR DEL FUSELAJE DONDE SE ENCUENTRAN UBICADOS LOS AGUJEROS DE LAS CÁMARAS CONSTATAR QUE NO EXISTEN DEFORMACIONES DE LA SUPERFICIE Y DE QUE LOS CARENADOS ASOCIADOS A LOS MISMOS ESTAN DEBIDAMENTE FIJADOS.
2. COMPROBAR LA ADECUADA SUJECCIÓN DE LOS ASIENTOS AUXILIARES DESTINADOS A LOS OPERADORES DE LOS SENSORES.
3. COMPROBAR LA ADECUADA SUJECCIÓN DE CADA SENSOR A LA ESTRUCTURA DE LA AERONAVE. MOVER LAS PARTES DEL SENSOR COMPROBANDO QUE SON SOLIDARIAS A LOS PUNTOS DE SUJECCIÓN AL AVIÓN.
4. COMPROBAR QUE LOS ELEMENTOS QUE GARANTIZAN SU FIJACIÓN CUENTA CON LA TENSIÓN ADECUADA.
5. COMPROBAR QUE TODOS LOS EQUIPOS AUXILIARES REQUERIDOS PARA EL FUNCIONAMIENTO DEL SENSOR, EL MOVILIARIO SOBRE EL QUE SE ENCUENTRAN INSTALADOS ASÍ COMO TODO EL MATERIAL AUXILIAR COLOCADO EN CABINA SE ENCUENTRAN SUJETOS DE FORMA SEGURA A LA ESTRUCTURA DE LA AERONAVE.
6. INSPECCIONAR LA CORRECTA SUJECCIÓN DE LAS CONEXIONES DE LOS SENSORES Y EQUIPOS AUXILIARES CON LOS SISTEMAS DE LA AERONAVE.
7. ASEGURAR QUE LA DISPOSICIÓN DE LOS CABLES DE LOS SENSORES Y EQUIPOS AUXILIARES NO OBSTACULICEN EL ACCESO A LAS SALIDAS DE EMERGENCIA.
- 8- INSPECCIONAR ESTADO DEL CRISTAL OPTICO. EXISTENCIA DE RAJADURAS O GOLPES. CORRECTA POSICIÓN DE LAS JUNTAS QUE GARANTIZAN LA PRESURIZACIÓN EN LO ZONA DEL CRISTAL