

**NORMAL PROCEDURES CHECKLIST**
**BEFORE STARTING ENGINE**

1. External Preflight Check.....PERFORM
1. Aircraft and Rotor Tie-Downs.....REMOVE
2. All Required Publications.....ONBOARD
3. Approach, Sectionals, Terminal Area Charts....ONBOARD
4. Aircraft Checklists.....ONBOARD
5. Seat and Pedals.....ADJUST
6. Starting Selector.....OFF
7. Rotor Brake.....RELEASED, FULL FORWARD
8. Fuel Shut-Off Lever.....FORWARD, Plastic Guard Condition
9. Twist Grip.....IDLE DETENT
10. MASTER SW.....RIGHT POS & SAFTIED
11. BATT / FUEL PUMP.....ON
12. INST LIGHT SYSTEM.....AS REQUIRED
13. W/LT TST.....PERFORM  
.....(Check Tq = 100% for 2 seconds, then 0)
14. FIRE TST.....PERFORM
15. SERVO TST.....DEPRESS (Servo Light Out)
16. ACCU TST.....DEPRESS (2 seconds, then up)
17. **CWP**.....CHECK
18. VEMD.....CHECK  
.....(correct displays, bleed valve open, min. 22 vdc)
19. Flight Controls.....CHECK
20. Heating, DeMisting, A/C.....OFF

**STARTING ENGINE**

21. Pre-Start Conformation Check.....COMPLETE
22. CWP.....CHECK (GOV Lights Out)
23. A/COL.....ON
24. 30 Seconds After Fuel Pump - ON
25. Rotor Area.....CLEAR
26. Start Selector.....ON  
.....(Abort start if battery voltage is below 15 volts)
27. Engine Parameters.....MONITOR
28. GENE.....ON (When N1 ≥ 67%)
29. CWP.....(ENG P, MGB P, HYDR, SERVO out)
30. Starting Selector Guard.....LOWERED
31. FUEL PUMP.....OFF
32. EPU.....DISCONNECT, door secured (if used)
33. AVIONIC / 800.....ON
34. Attitude Indicator.....CAGE
35. Electrical Equipment.....ON  
.....(PITOT, ATT IND, GYRO, AP)
36. **Hydraulics**.....CHECK
37. Twist Grip.....FLIGHT DETENT
38. HORN.....ON as NR ≥ 340 RPM
39. **Autopilot**.....CHECK
40. AVIONICS.....CHECK, Set, Programmed
41. Radar Altimeter.....SET (Day-300'/Night-500')
42. FIRE TST.....TEST FOR ACTIVATION of GONG in HEADSET

**BEFORE TAKEOFF**

43. Doors.....CLOSE
44. Flight Controls.....AS REQUIRED
45. Landing Light / Search Light.....AS REQUIRED
46. System Instruments.....CHECK
47. CWP.....OFF (All Lights)
48. Take Off Time.....NOTE on DRL
49. Pre-Take Off Conformation Check.....COMPLETE

**CRUISE**

50. Temperatures and Pressures.....MONITOR
51. CWP.....MONITOR
52. Auto Pilot.....AS REQUIRED

**NORMAL PROCEDURES CHECKLIST**
**APPROACH**

53. Passenger Briefing.....COMPLETE
54. ATIS / AWOS / ASOS.....CHECK
55. GTN 430 / GMX 200 Setup.....COMPLETE
  - ➔ Direct to airport of approach
  - PROC button.....PRESS
  - Select approach.....SELECT/ENTER
  - Approach Prompts.....COMPLETE
  - FPL Button.....PRESS RETURN TO NAV PAGE
  - All radios.....TUNE and ID
  - FREQS.....USE POSITION and REDUNDANT
56. EHSI Setup.....COMPLETE
57. Final Approach Course.....AS REQUIRED
58. DA/MDA.....NOTE
59. MAP (Time/DME/DH).....NOTE
60. Missed Approach Procedure.....NOTE
61. Landing Lights/PCL.....ON/ACTIVATE
62. Seats, Belts, Doors, Sterile Cockpit in Effect.....ANNOUNCE

**BEFORE LANDING**

63. CWP.....CHECK
64. Systems Instruments.....CHECK
65. ANNOUNCE.....READY FOR LANDING  
(Secured- Seats, Belts, Doors, Sterile Cockpit in Effect)
66. Landing/Search Lights.....AS REQUIRED

**AFTER LANDING**

67. Flight Controls.....NEUTRAL, FRICTIONED, LOCKED
68. Auto Pilot.....OFF
69. Twist Grip.....IDLE DETENT
70. PITOT, HORN.....OFF
71. A/C.....OFF
72. Landing/Search Lilghts.....AS REQUIRED

**STOPPING ENGINES**

73. Start Switch.....OFF (After Idle for 30 seconds)
74. GENE.....OFF
75. AVIONIC.....OFF
76. Electrical Equipment.....OFF (ATT IND, GYRO)
77. Rotor Brake.....APPLY (Recommended NR 100 RPM or less)
78. ACCU TST.....ON for 2 seconds, then OFF
79. A/COL.....OFF
80. VEMD.....FLIGHT REPORT
81. BATT.....OFF
82. Flight Information.....RECORD on DFL

**NOTES**

This checklist MAY be used for normal operations. Should the information conflict with the FAA approved RFM, the latter will take precedence.

**FAA ACCEPTANCE**

The FAA has accepted the procedures required per FAR 135.83(b). The Master Normal Procedures Checklist on file at Air Methods' Chief Pilot's office contains the FAA acceptance signature and is available for review upon request.

 \_\_\_\_\_  
 FAA Acceptance Signature

 \_\_\_\_\_  
 (Pending)  
 Date

**AS350B3 Series Expanded Checklist**
**AS350B3 Series Expanded Checklist**
**AS350B3 (Arriel 2B1 Dual Hydraulic System), AS350B3e**
**Before Starting Engine**

1. Caution Warning Panel lights with battery power:

<b>GENE</b>	<b>PITOT</b>	<b>ENG-P</b>
<b>FUEL-P</b>	<b>HORN</b>	<b>MGB-P</b>
<b>SERVO</b>	<b>HYDR</b>	<b>TWT GRIP</b>

Include **BATT** with External Power

2. [SERVO TEST] or [SERVO TST] – DEPRESS – SERVO light extinguishes **SERVO**  
 SERVO light ON **SERVO** when switch is released.

**Hydraulics Check**

1. SERVO Distributors Seizure Check:
  - a. [SERVO TEST] or [SERVO TST] – DEPRESS, SERVO light illuminates, **SERVO** light extinguishes **SERVO** when switch is released.

**Yaw Servo Hydraulic Check:**

- a. Yaw servo hydraulic switch (collective grip)—OFF, pedal forces should remain low (yaw load compensator effect).
- b. [HYD TEST] or [ACCU TST] – DEPRESS, forces felt on pedals.
- c. [HYD TEST] or [ACCU TST] – RESET IN OFF position (out).
- d. Yaw Servo Hydraulic Switch (collective grip) – ON, check no forces are felt on yaw pedals (boosted).

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