

Checklist

AS 350 B2



Cockpit Preparation

1. Outside check completed
2. Helicopter documents checked
3. Seats and pedals adjusted
4. Seat belts fastened
5. Altimeter set
6. Instruments static or zero
7. Flight time counter checked
8. COM / NAV / Transponder off
9. Switches all off
10. Frictions adjusted
11. Collective down and locked
12. Hydraulic switch on
13. Fuel shut-off lever forward and secured
14. Fuel flow control aft
15. Rotor brake forward released
16. Heating system off
17. Battery on, min 26 Volt
18. Boost pump 1 + 2 on for min. 30 sec.
19. Generator on
20. Warning lights tested
(HYD, GEN, MGB P, PITOT, ENG P remain illuminated)
21. Anti-collision light on
22. Position light as required
23. HYD TEST on for 2 sec., center pedal to neutral

24. Horn.....checked, then off
25. Instrument lights.....as required
26. Diff Ng Indicatortested
27. Bleed valve flagvisible
28. Fuel pressure..... checked

Starting Engine

1. Start-up clearance (if necessary) received
2. Rotor..... free
3. Area.....clear
4. Starter..... on
5. When Ng 10%..... fuel flow lever forward
(when OAT below 0°C, fuel flow lever forward immediately)
6. Ng..... increase
7. Control T4 with fuel flow control (**ca 700°C**) checked
8. Rotor starts to turn checked
9. Ng 40-45%..... release starter
10. Ng 70%..... stabilise
11. Engine oil pressure checked
12. Warning lights.....all out, exc. HORN / PITOT
13. Moving terrain (first MT switch, then power sw.)..... on
14. FM / COM / NAV / Transponder on and set
15. Fuel boost pump 1 + 2. test each pump, pressure and light
16. Hyd. accumulator test checked
17. Hyd. isolation test..... checked

- 18. Pitot heat on
- 19. Gyros (Att ind./DG) on
- 20. RRPM increase to 100%
- 21. Horn on

Check before Take-off

- 1. Heater off
- 2. Fuel flow control forward
- 3. Frictions off
- 4. Rotor RPM green arc
- 5. Fuel quantity checked
- 6. Instruments green arc
- 7. Warning lights all out
- 8. Landing light on

Hover Check

- 1. Rotor RPM green arc
- 2. Torque/T4/Ng within limits
- 3. Wind checked
- 4. Departure sector clear

Climb Check

- 1. Torque/Ng/T4 within Limits
- 2. Airspeed 65 kt
- 3. Vertical speed positive

Check for Approach

- 1. Heater off
- 2. Fuel flow control.....forward
- 3. Fuel quantity checked
- 4. Rotor RPM green arc
- 5. Instruments green arc
- 6. Warning lights off
- 7. Landing light on

Final Check

- 1. Airspeed30 kt.
- 2. Rate of descent.....< 500 ft/min
- 3. Decision.....Land or go around

Engine Shut Down

1. Collective full down and locked
2. Frictions on
3. Horn off
4. Landing light off
5. Fuel flow control 67% - 70% Ng for 1 minute
6. Moving terrain power switch reset, then off
7. FM / COM / NAV / Transponder off
8. Fuel boost pumps off
9. Position lights off
10. Pitot heat off
11. MT switch off
12. Gyros (Att / DG) off
13. Fuel flow control close (aft)
14. Rotor brake apply as required below 140 RRPM
15. Rotor stopped
16. Instrument lights off
17. HYD TEST button press for 1-2 sec. to center pedals
18. Anti collision light off
19. Generator off
20. Battery off