

IFR CHECKLIST

PRIOR TO START

1. Airports - Review in AFD, Diagrams, Approach plates, Departure Procedures, SIDS, ODPs.
2. Weather- Options (Go, NoGo, Go Elsewhere, Go another route)- NOTAMS- Route and altitude.
3. Alternates : IFR Alternate Requirement (123) Rule.
4. Airplane - Certified IFR for approaches, runway length and other airport information Weight and Balance.
5. Pilot - Current for IFR and IMSAFE ready.
6. File IFR flight plan and finish flight-planning procedure.

PRIOR TO TAXI

7. Complete Pre-Flight
8. Weather - (Go, NoGo)
9. Get ATIS
10. Call CLEARANCE DELIVERY, Annotate as C.R.A.F.T
11. Load and Setup ALL avionics and Cockpit Items, Docs, Charts etc.
 - Transponder
 - COM Radios
 - ALT & HDG Bugs
 - Flight Plan
 - CDI and NAV Radios
12. Altimeter - Should Read Airport Elevation ± 75 ft.
13. Attitude Indicator - Stabilized/Leveled within 5 minutes.
14. Call GROUND

DURING TAXI

- Check the following instruments:
15. Airspeed Indicator - Should Read "0" kts.
 16. Attitude Indicator - Should Indicate Slight Bank in Turns.
 17. Inclinometer - Should Indicate "Trend" in Turns.
 18. Slip/Skid Indicator - Should slide out in Turns.
 19. Vertical Speed Indicator - Should Read "0" fpm.
 20. Magnetic Compass.

BEFORE TAKE-OFF

21. Complete RunUp.
22. Test Alternate Air.
23. HSI to Compass.
24. Weather - Options (Go, NoGo) - Look, FSS, XM
25. DP Review.
26. Flight Plan Review.
27. Verify Coms.
28. Prepare for Return (Approach Plate / Radios).
29. Safety Briefing
30. PFD & MFD - as Appropriate.
31. Pitot Heat - Consider.
32. Ice Protection - Consider.
33. Call TWR or CTAF.

TAKE OFF

34. Lights, Camera, Action.
35. Runway Centerline.
36. Engine Instruments - Monitor.
37. Fly Departure Instructions.

FLIP CHECKLIST

NOTE: This is a training Checklist for Single Engine Fixed Gear Aircraft NOT to Supersede the Aircraft Manufactures AFM provided and required aircraft specific checks.

IFR CHECKLIST

CLIMB

38. Fly the Plane.
39. NAV Instruments - Monitor\Set.
40. Engine Instruments - Monitor.
41. Coms - as Required

CRUISE

42. Cruise Power - Set.
43. Navigate - Vectors/FLP.
44. Cruise Checklist.
45. Engine Instruments - Monitor.
46. Lean Above 3000ft.
47. Pitot Heat / Ice Protection.
48. Organize/Prep Charts.
49. Visualize Flight.
50. WX Check - ATIS/AWOS
51. APPROACH BRIEFED !!!

DESCENT

52. Sterile Cockpit.
53. Power - Set.
54. Mixture - Richen.
55. Pitot Heat / Ice Protection.
56. Altimeter - Set.
57. Instruments - Set.
58. ATIS/AWOS - Confirm.

HOLDING PROCEDURES

59. Slow to Hold Speed.
60. Clarify Instruction if Needed.
61. 6 T's Over Fix.
(Turn, Time, Twist, Throttle, Talk, Track)
62. Instruments - Set.
63. CDI - Check.
64. Report Leaving.

PROCEDURE TURN

65. Before Landing Checklist.
(Power, Mixture, Fuel, Lights)

66. 6 T's at each Turn Point.
(Turn, Time, Twist, Throttle, Talk, Track)
67. Report - "PT Inbound".

APPROACH

Prior to ATC Vectors:

68. Approach - Reviewed.
69. PROC - Load & Confirm.
70. NAV Radios - Set.
71. CDI - Set.
72. COM Radios - Set.
73. Altimeter - Set.
74. Note Wind.

Under ATC Vectors:

75. Before Landing Checklist.
(Power, Mixture, Fuel, Lights)
76. PROC - Activate.
77. CDI - Check.
78. Engine Instruments - Check.
79. Slow to Approach Speed.

Cleared for Approach:

80. Airspeed, HDG & ALT.
81. 6 T's Over IAF.
(Turn, Time, Twist, Throttle, Talk, Track)
82. 2sm before FAF - Flaps/Power.
83. Final Descent Call Outs: 500', 300', 100' - Miss/Landing.

MISSED APPROACH

84. Power, Pitch, HDG, ALT, Flaps.
85. Report - "Missed Approach" and Intentions.
86. 6 T's Over Fix.
(Turn, Time, Twist, Throttle, Talk, Track)

AFTER LANDING

87. Close Flight Plan.
 - Tower Airport - Automatic.
 - Non-Tower Airport - Frequency or Phone.

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