

N4583H ABBREVIATED CHECKLIST

7/26/95

PREFLIGHT INSPECTION

Cabin

- | | | |
|-----|--------------------------------|----------------------------|
| 1. | Magneto Switch | Off |
| 2. | Master Switch | Off |
| 3. | Radio Master Switch | Off |
| 4. | All other electrical equipment | Off |
| 5. | Mixture | Idle cutoff |
| 6. | Circuit breakers | Check |
| 7. | Landing gear switch | Down position |
| 8. | Emergency gear handle | Secure |
| 9. | Master switch | On |
| 10. | Fuel quantity | Check |
| 11. | Warning lights | Check |
| 12. | Lights for night operation | Check |
| 13. | Master switch | Off |
| 14. | Fuel strainer | Drain each tank for 5 sec. |
| 15. | Fuel selector | Least full tank |
| 16. | Flight controls | Free and correct |
| 17. | Trim | Set for takeoff |

Right Wing

- | | | |
|-----|------------------------------|----------------------|
| 18. | Aileron and wing flap | Check |
| 19. | Wing integrity and lights | Check |
| 20. | Wing tie down / wheel chocks | Remove |
| 21. | Fuel tank vent | Check |
| 22. | Wheel assembly and brakes | Check |
| 23. | Fuel tank sump | Drain |
| 24. | Fuel quantity | Checked / cap secure |

Forward Fuselage

- | | | |
|-----|-----------------------|--------|
| 25. | Oil Quantity | Check |
| 26. | Cowl flaps | Check |
| 27. | Exhaust pipe | Secure |
| 28. | Air inlets | Check |
| 29. | Propeller and cowling | Check |
| 30. | Nose wheel assembly | Check |
| 31. | Windshield | Check |

Left Wing

- | | | |
|-----|------------------------------|----------------------|
| 32. | Fuel tank sump | Drain |
| 33. | Fuel quantity | Checked / cap secure |
| 34. | Wheel assembly and brakes | Check |
| 35. | Fuel tank vent | Check |
| 36. | Stall warning | Check |
| 37. | Pitot tube | Check |
| 38. | Pitot system | Drain |
| 39. | Wing tie down / wheel chocks | Remove |
| 40. | Wing integrity and lights | Check |
| 41. | Aileron and wing flap | Check |

Aft Fuselage and Empennage

- | | | |
|-----|---------------------------------------|-------------------|
| 42. | Static system | Drain |
| 43. | Left side static port | Check |
| 44. | Horizontal stabilizer, elevator, trim | Check |
| 45. | Vertical stabilizer and rudder | Check |
| 46. | Tail tie down | Remove |
| 47. | Right side static port | Check |
| 48. | Baggage door | Closed and locked |

BEFORE STARTING ENGINE

- | | | |
|-----|---------------------------------|---------------------|
| 49. | Passenger Briefing | Complete |
| 50. | Seats | Adjusted and locked |
| 51. | Seat belts and shoulder harness | Adjusted and secure |
| 52. | Parking brake | Test and set |
| 53. | Ram air door | Closed |
| 54. | Alternate static source | Closed |
| 55. | Cowl flaps | Open |
| 56. | Electrical equipment | Off |
| 57. | Radio master switch | Off |
| 58. | Master Switch | Off |
| 59. | Landing gear switch | Down position |

COLD START

- | | | |
|-----|----------------|--|
| 60. | Mixture | Full rich |
| 61. | Propeller | Full forward |
| 62. | Throttle | Open 1/4" |
| 63. | Master switch | On |
| 64. | Strobe lights | On |
| 65. | Boost pump | On for 5 secs. Then off |
| 66. | Mixture | Idle cutoff |
| 67. | Propeller area | Clear |
| 68. | Starter | Engage |
| 69. | Mixture | Move slowly to rich when engine starts |
| 70. | Throttle | 1000 RPM |

WARM START

- | | | |
|-----|----------------|--|
| 71. | Mixture | Idle cutoff |
| 72. | Propeller | Full forward |
| 73. | Throttle | Open 1/4" |
| 74. | Master switch | On |
| 75. | Strobe lights | On |
| 76. | Boost Pump | Off |
| 77. | Propeller area | Clear |
| 78. | Starter | Engage |
| 79. | Mixture | Move slowly to rich when engine starts |
| 80. | Throttle | 1000 RPM |

FLOODED START

81.	Mixture	Idle cutoff
82.	Propeller	Full forward
83.	Throttle	Full forward
84.	Master switch	On
85.	Strobe lights	On
86.	Boost Pump	Off
87.	Mixture	Idle cutoff
88.	Propeller area	Clear
89.	Starter	Engage
90.	Throttle	1000 RPM
91.	Mixture	Move slowly to rich when engine starts

PRE TAXI

92.	Radio master switch and electric trim	On
93.	Oil Pressure	Check
94.	Suction gage	Check
95.	Ammeter	Check
96.	Boost pump	On
97.	Fuel selector	Switch (to fullest tank)
98.	Boost pump	Off
99.	Brakes	Check (at start of roll)

RUN UP

100.	Parking brake	Set
101.	Controls	Free and correct
102.	Electric trim	Check; takeoff position
103.	Annunciator Panel	Test
104.	Throttle	1400 RPM
105.	Propeller	Check
106.	Throttle	1700 RPM
107.	Magnetos	Check
108.	Throttle	1000 RPM
109.	Engine gages, suction, alternator	Check
110.	Radios	Set
111.	Flight instruments	Set

BEFORE TAKEOFF

112.	Cabin door	Closed and latched
113.	Emergency gear handle	Secure
114.	Trim	Set for takeoff
115.	Flaps	Set for takeoff
116.	Transponder	On
117.	Boost pump	On
118.	Timer	Start

CLIMB

119.	Gear	Up
120.	Flaps	Up
121.	Cowl flaps	Trail position
122.	Boost pump	Off
123.	Propeller	2600 RPM 500' above field elevation

LEVEL OFF

124.	Cowl flaps	Closed
125.	Mixture	Lean to 25° rich of peak EGT
126.	Throttle and Propeller	25", 2500 RPM

LANDING

127.	Boost pump	On
128.	Fuel	Fullest tank
129.	Mixture	Full rich
130.	Propeller	Full forward
131.	Gear	Down
132.	Flaps	As required
133.	GUMPS	On Final

AFTER LANDING

134.	Boost pump	Off
135.	Flaps	Up
136.	Timer	Off
137.	Cowl Flaps	Open
138.	Trim	Takeoff setting

PARKING

139.	Radio Master	Off
140.	Mixture	Lean, then idle cutoff
141.	Magneto switch	Off
142.	Master switch, all other switches	Off
143.	Baggage area courtesy light switch	Off
144.	Secure aircraft (tie downs, control locks, door locks)	