



ATEC 321 Faeta PH-4C7

FlightLevel Versie : 0.3 maart 2024 HSZ

PROCEDURES BEFORE ENTERING COCKPIT

1. Main swith / Ignition A / B **OFF**

Nose

- 2. Engine condition Check
- 3. Fuel, oil, cooling system hoses Intact
- 4. Propeller surface, propeller cone Check
- 5. Oil quantity Check
- 6. Engine cover Check
- 7. Landing light Check
- 8. Air inlets clear ? Check

Wings

- 9. Leading edge Check
- 10. Wingtip Check
- 11. Ailerons / flaps clearances
Movements, hinges, connections Check
- 12. Pitot tube clear ? Check
- 13. Fuel quantity / cap Check

Fuselage

- 14. Surface and state Check
- 15. Elevator / rudder clearances
Movements, hinges, connections Check
- 16. Canopy Check
- 17. Antennas Check

Landing gear / nose gear

- 18. Cover / tyres / pressure Check

Equipment

- 19. Plane documents On board
- 20. Pilot license / medical On board
- 21. VFR map or GPS On board

PROCEDURES AFTER ENTERING COCKPIT

- 22. Foot operated controls Check
- 23. Hand operated controls Check
- 24. Power (key switch) On
- 25. Main switch On
- 26. Flaps Check
- 27. Seatbelts Fasten
- 28. Canopy closed and locked Check

*Recommendation : manually check by pushing the canopy upwards ****

- 29. Rescue system Unlock

PROCEDURES BEFORE START UP

- 30. Brakes Set
- 31. Throttle Idle
- 32. Fuel valve On
- 33. Choke if engine is cold On
- 34. Dynon ("Artificial horizon") On
- 35. Other avionics Off
- 36. Airbox (carb. heat) Off
- 37. Check fuel pump On / Off

START THE ENGINE

- 38. Fuel pump On
- 39. Ignition A / B On
- 40. Start (Button) Press
- 41. Oil pressure Check
- 42. Choke Off
- 43. Fuel pump Off
- 44. Avionics On
- 45. Engine instruments Check
- 46. Radio / transponder Set
- 47. QNH / Altitude Set
- 48. Warm up engine to > 50°C 2000 / 2500 rpm

BEFORE TAKE OFF

- 49. Engine ignition check 4000 rpm
drop <300rpm diff L/R max 115rpm
- 50. Throttle idle Check
- 51. Fuel quantity Check

- 52. Fuel pump On
- 53. Flaps position I (10°) Set
- 54. Trim (neutral) Set
- 55. Front light On
- 56. Rescue system Unlock
- 57. **Canopy closed and locked** Check

TAKE OFF and CLIMBING

- 58. Full throttle Set
- 59. Rotation speed 70 km/h
- 60. Lift off speed 75 km/h
- 61. Climbing speed Vx 110 km/h
- 62. Retract flaps >200 ft Up

AFTER TAKE OFF / CRUISING FLIGHT

- 63. Reduce throttle Set
- 64. Fuel pump Off
- 65. Front light Off
- 66. Cruising speed 120 – 230 km/h

APPROACH / DOWNWIND

- 67. Front light On
- 68. Fuel Pump On
- 69. Airbox On
- 70. Downwind speed 130 km/h
- 71. Flaps position I Set
- 72. Brakes Test

BASELEG

- 73. Baseleg speed 110 km/h
- 74. Flaps position II Set

FINAL / LANDING

- 75. Airspeed on final 90 km/h
- 76. Flaps position III Set

Recommendation : at strong turbulence, headwind or crosswind position II

- 77. Touchdown speed 70km/h

AFTER LANDING

- 78. Flaps Up
- 79. Fuel pump Off
- 80. Transponder STBY

- | | |
|------------------------|---------------|
| 81. Front light | Off |
| 82. Avionics | Off |
| 83. Ignition A/B | Off |
| 84. Main switch | Off |
| 85. Power (key switch) | Off |
| 86. Key | <u>Remove</u> |
| 87. Fuel valve | Close |



Mankementen vermelden in het journaal van het toestel vervolgens per mail [FlightLevel \(homme@flightlevel.eu\)](mailto:FlightLevel@homme@flightlevel.eu) hiervan op de hoogte brengen.

Emergency Procedures

Engine Failure on Take-off

1. Gliding flight stick forward speed 100 km/h
2. Wind direction, adjust flaps, fuel valve closed, ignition switched off, adjust safety belts, main switch off