



C 172 SP OE - KHC

PREFLIGHT INSPECTION

CABIN

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|-------------------------------------|-----------------|
| 1. All Documents | ON BOARD |
| 2. Parking brake | SET |
| 3. Control Wheel Lock | REMOVE |
| 4. Magnetos Switch | OFF |
| 5. Avionics switch (Bus1 & Bus2) | OFF |
| 6. Master Switch | ON |
| 7. Lights&Pitot Heat | CHECK |
| 8. PFD | CHECK |
| 9. Fuel Quantity | CHECK |
| 10. Low Fuel Annunc. | CHECK |
| 11. Oil Press. Annunc. | CHECK |
| 12. Low Volts Annunc. | CHECK |
| 13. Low Vac. Annunc. | CHECK |
| 14. Avionics switch (Bus1 & Bus2) | ON |
| 15. Fwd. Av. Fan 1 check if heard | CHECK |
| 16. Aft. AV. Fan 2 check if heard | CHECK |
| 17. Avionics switch (Bus1 & Bus2) | OFF |
| 18. Flaps | 10° |
| 19. Master Switch | OFF |
| 20. Circuit Breakers | CHECK IN |
| 21. Fire Extinguisher | CHECK |
| 22. Fuel Selector Valve | BOTH |
| 23. Alt. Static Air Valve | OFF |
| 24. Fuel Shut Off Valve | ON (push) |
| 25. Elevator Trim | SET FOR TAKEOFF |

OUTSIDE

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|--------------------|----------------------|
| 1. Baggage Door | CLOSED&LOCKED |
| 2. Static Port | CHECK |
| 3. Pitot Cover | REMOVE |
| 4. Nose Fuel Sumps | DRAIN |
| 5. Engine Oil | CHECK (6 qts min) |
| 6. Outside Check | ACCORDING POH |

BEFORE ENGINE START

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|-------------------------|----------------|
| 1. Preflight Inspection | COMPLETE |
| 2. Passenger Briefing | COMPLETE |
| 3. Seats&Belts | CHECK&ADJUST |
| 4. Brakes | TEST & SET |
| 5. Electrical Equipment | OFF |
| 6. Avionic Bus 1 & 2 | OFF |
| 7. Flight Controls | FREE & CORRECT |

ENGINE START (with Battery)

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|--------------------------|-------------------|-----------|
| Standby Battery Switch | TEST (20sec) | 1. |
| Standby Battery Switch | ARM | 2. |
| Engine Ind.System (PFD) | CHECK | 3. |
| Bus E Volts | 24 Volts min | VERIFY 4. |
| Bus M Volts | 1,5 Volts or less | VERIFY 5. |
| Batt. S Amps | VERIFY DISCHARGE | 6. |
| Stby. Batt. Annunc. | VERIFY ON | 7. |
| Beacon | ON | 8. |
| Prop Area | CLEAR | 9. |
| Masterswitch (Alt&Batt) | ON | 10. |

PRIME ENGINE

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|-------------------|------------|-----------------|-----|
| Throttle | (~ 5 mm) | OPEN | 11. |
| Fuel Pump | | ON | 12. |
| Mixture | (3-5 sec) | FULL RICH | 13. |
| Mixture | | LEAN | 14. |
| Fuel Pump | | OFF | 15. |
| Ignition Switch | | START | 16. |
| Throttle | | SLIGHTLY OPEN | 17. |
| Mixture | | ADVANCE (RICH) | 18. |
| Throttle | | 1000 PPM | 19. |
| Oil Pressure | | CHECK | 20. |
| Amps (Batt.M&S) | | VERIFY + | 21. |
| Bus M Volts | | VERIFY 28 VOLTS | 22. |
| Bus E Volts | | VERIFY 28 VOLTS | 23. |

ENGINE START (External Power) use Orginal Checklist

BEFORE TAXI

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|----------------------|------------------|----|
| Lights | As REQUIRED | 1. |
| Flaps | As REQUIRED | 2. |
| Avionic (Bus1 & 2) | ON | 3. |
| Com Frequencies | SET | 4. |
| Nav Frequencies | SET | 5. |
| Taxi Claerance | RECEIVED | 6. |
| All Altimeters | act. QNH SET | 7. |
| Brakes | TEST | 8. |
| Flight controls | FREE AND CORRECT | 9. |

BEFORE TAKE OFF

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|----------------------------------|-------------|
| 1. Doors & Windows | CLOSED |
| 2. PFD | NO REDS |
| 3. Throttle | 1800 RPM |
| 4. Magnetos | CHECK |
| 5. All Indicators & Annunciators | CHECK |
| 6. Transponder | ALT (GND) |

NORMAL TAKE OFF

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|-----------------------|---------------------------|
| 1. Throttle | FULL |
| 2. Lift Nose Wheel at | 55 KIAS |
| 3. Climb Airspeed | 70 - 80 KIAS |
| 4. 300 ft GND | FLAPS & LANDING LIGHT OFF |

CLIMB

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|--------------|--------------|
| 1. Airspeed | 70 - 85 KIAS |
| 2. Mixture | RICH |
| 3. Autopilot | AS DESIRED |

CRUISE

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|--|------------------|
| 1. Power | ACCORDING POH |
| 2. Mixture (Altitude 3.000 ft or more) | LEAN |
| 3. PFD & MFD | REVIEW and BRIEF |
| 4. Altimeters | STANDARD |
| 5. Autopilot | AS DESIRED |

DESCEND

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|---------------|------------|
| 1. Mixture | RICH |
| 2. Power | AS DESIRED |
| 3. Altimeters | ACTUAL QNH |

BEFORE LANDING

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|------------------------|-------------------|
| 1. Autopilot | OFF |
| 2. Landing Light | ON |
| 3. Fuel Selector Valve | BOTH |
| 4. Power | REDUCE AS DESIRED |
| 5. Airspeed | 65-75 KIAS |
| 6. Flaps | 10° |

NORMAL LANDING

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|---------------|-------------------|----|
| Flaps | FULL | 1. |
| Airspeed | 60 - 70 KIAS | 2. |
| Elevator Trim | ADJUST | 3. |
| Touch Down | MAIN WHEELS FIRST | 4. |
| Landing Roll | LOWER NOSEWHEEL | 5. |
| Braking | MINIMUM REQUIRED | 6. |

AFTER LANDING

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|-------------|--------------|----|
| Wing flaps | UP | 1. |
| Transponder | STBY (GND) | 2. |

SECURING AIRPLANE

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|---------------------------------|--------------|-----|
| Parking Brake | AS REQUIRED | 1. |
| Landing Light | OFF | 2. |
| Electrical Equipment | OFF | 3. |
| Avionics switch (Bus1 & Bus2) | OFF | 4. |
| Throttle | IDLE | 5. |
| Mixture Control | IDLE CUT OFF | 6. |
| Magnetos Switch | OFF | 7. |
| Beacon | OFF | 8. |
| Master Switch (Bat & Alt) | OFF | 9. |
| Stby Batt Switch | OFF | 10. |
| Control Wheel Lock | INSTALL | 11. |
| Pitot Cover | INSTALL | 12. |

AIRCRAFT SPEEDS

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|------------|----------------|
| Vs1 | 53 KCAS |
| Vs0 | 48 KCAS |
| Va | 90 to 105 KIAS |
| Vx | 65 KIAS |
| Vy | 75 KIAS |
| Best Glide | 68 KIAS |

EMERGENCY PHONE - COM FAILURE

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|-------------|--------------|
| LOWL | 05/1703/6412 |
| LOWS | 05/1703/6512 |
| LOWI | 05/1703/6612 |
| LOWG | 05/1703/6712 |
| LOWK | 051703/6812 |
| Transponder | 7600 |

**DIES IST EINE KURZFORM DER CHECKLISTE UND DARF NUR
IN KENNTNIS DER ORIGINALCHECKLISTE VERWENDET WERDEN**