

Aero Commander 680

Microsoft Flight Simulator 2004

Aircraft and Panel by Milton Shupe, Scott Thomas and André Folkers



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Other simulator checklists and other sim/real aviation items available for download at <http://www.faatest.com> and <http://www.faatest.com/downloads/simchecklists/simchecklists.html>

100 KTS ≈ 115,4 MPH

Pre-Start Checklist

| | |
|---------------------------------|-------------------------|
| Parking Brakes | SET |
| Throttle | IDLE |
| Magneto Levers | OFF |
| Battery & Generator Switches | OFF |
| Fuel Boost Pump Switches | OFF |
| Avionics | OFF |
| Landing Gear Lever | CHECK DOWN |
| Flaps | UP |
| Propeller | HIGH RPM |
| Fuel Flow / Mixture | CUTOFF |
| Fuel Selectors | ON |
| Battery Switch | ON |
| Panel Lights | ON if required |
| Fuel Quantity | CHECK |
| Flight controls | CHECK |
| Avionics Master Switch | ON |
| Check Weather | (ATIS, Flight Services) |
| Anti-ice Switch | TEST/CHECK |
| <i>Request Clearance</i> | |
| Transponder | STANDBY |
| Beacon | ON |

Startup Checklist

| | |
|---------------------------|---------------|
| Engine and Propeller Area | CLEAR |
| Throttle | IDLE, cracked |
| Fuel Flow / Mixture | FULL RICH |
| Fuel Boost Pumps | ON |
| Carburetor Heat | ON |
| Left Magneto Lever | BOTH |
| Left Primer | ON |
| Left Engine Start Button | START |
| Left Oil Pressure | CHECK |
| Left Generator Switch | ON |
| Repeat for right engine | |
| Throttle | IDLE |
| Fuel Boost Pumps | ON |
| Loadmeter / Voltmeter | CHECK |

100 MPH ≈ 86,7 KTS



Taxi To Ramp

| | |
|-----------------|-----------------|
| Nav Lights | STEADY |
| Flaps | RETRACT |
| Landing Lights | OFF |
| Anti-ice | OFF |
| Speed | Max. 20 knots |
| Elevator Trim | TAKEOFF SETTING |
| Avionics/Radios | AS REQUIRED |
| Transponder | 1200 |

Shutdown Checklist

| | |
|--------------------|--------|
| Parking Brake | SET |
| Throttle | IDLE |
| Carburator Heat | OFF |
| Fuel Boost Pumps | OFF |
| Avionics Switch | OFF |
| Nav Lights | OFF |
| Pitot Heat | OFF |
| Fuel Flow | CUTOFF |
| Fuel Selectors | OFF |
| Magneto Levers | OFF |
| Beacon | OFF |
| Panel Light | OFF |
| Battery Switch | OFF |
| Generator Switches | OFF |

Securing Aircraft

| | |
|---------------|-------------|
| Parking Brake | Verify SET |
| Throttle | Verify IDLE |
| All Switches | Verify OFF |

Before Taxi Checklist

| | |
|-------------------------------|------------------|
| Nav Lights | STEADY ON |
| Heading Indicator / Altimeter | SET |
| Instruments | NORMAL OPERATION |
| Radios and Avionics | CHECKED and SET |
| Autopilot | SET and OFF |

Request Taxi Clearance

Taxi Checklist

| | |
|-------------------------|--------------------------|
| Parking Brake | RELEASE |
| Taxi to assigned runway | SPEED Max. 20 knots |
| Brakes | CHECK during taxi |
| Directional Gyro | PROPER IND. during turns |
| Turn Coordinator | PROPER IND. during turns |
| Artificial Horizon | ERECT during turns |

Before Take-off Checklist

| | |
|---------------------|------------------|
| Parking Brake | SET |
| Fuel Quantity | CHECK |
| Throttle | IDLE |
| Propeller | HIGH RPM |
| Mixture | FULL RICH |
| Elevator Trim | SET for takeoff |
| Flaps | 10 deg |
| Flight Controls | FREE AND CORRECT |
| Radios and Avionics | SET |
| Landing Lights | ON |
| Nav Lights | FLASH ON |
| Pitot Heat | ON |
| Anti-ice | AS REQUIRED |
| Engine Instruments | CHECK |
| Fuel Boost Pumps | ON |
| Transponder | ON |

Request Takeoff Clearance

Take-off Checklist

| | |
|-----------------------------|------------------------------|
| Smoothly increase thrust to | FULL |
| Brakes | RELEASE |
| V1 = Vr | 85 MPH IAS (decision/rotate) |
| Pitch | 10 degrees |
| V2 = | 95 MPH IAS (safety speed) |
| At Positive Climb Rate | Touch Brakes |
| Landing Gear | RETRACT |
| Trim for climb to maintain | 110 MPH IAS |
| Flaps | RETRACT |
| Annunciator Lights | CHECK OFF |
| Engine Instruments | CHECK |

Climb-out Checklist

| | |
|---|--------------------|
| Autopilot | CHECK and SET |
| Carburator Heat | OFF |
| Airspeed | 125 MPH IAS 30" |
| Fuel Boost Pumps | ON |
| Engine Instruments | MONITOR |
| ATC | AS REQUIRED |
| Landing Lights | OFF |
| At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb) | |

Cruise Checklist

| | | |
|---------------------------------------|---------------------------|-----|
| Accelerate to cruise speed @10'000 ft | 210 MPH IAS | 37" |
| Service Ceiling | 24'000 ft | |
| Engine+Instruments | CHECK | |
| Engine Temperatures | STABILIZE at cruise cond. | |
| Fuel Quantity | CHECK | |
| Radios | TUNED and SET | |
| Autopilot | CHECK and SET | |
| Lights | as required | |
| Engine Instruments | CHECK | |

Descent Checklist

| | |
|---|-------------------------|
| Atis/Airport Information | CHECK |
| Altimeter | CHECK |
| Radios | SET |
| Descent Speed | 200 MPH IAS 24" |
| Descent Rate | -1000 fpm |
| Landing Gear and Flaps | CHECK UP |
| Fuel Balance | CHECK |
| At Transition Altitude (FL180) reset Altimeter to local | |
| Check Weather | (ATIS, Flight Services) |

Approach Checklist

Localizer Level Flight :

| | |
|----------------------------------|---------------------|
| Landing Lights | ON |
| Fuel Boost Pumps | ON |
| Carburator Heat | ON |
| Propeller | HIGH RPM |
| Mixture | FULL RICH |
| Speed: Establish | 125 MPH IAS 20" |
| Flaps | 10 deg |
| Speed: Establish | 115 MPH IAS 21" |
| Flaps | 20 deg |
| Speed: Establish | 110 MPH IAS 24" |
| Landing Gear | DOWN |
| Turning toward runway: set flaps | 30 deg or FULL DOWN |

Final Glideslope Descent :

| | |
|------------------|-----------------|
| Speed: Establish | 100 MPH IAS 23" |
| Elevator Trim | AS DESIRED |
| Parking Brake | VERIFY OFF |
| Anti-ice | AS REQUIRED |

Landing Checklist

| | |
|---------------|---------------------|
| Landing Gear | CHECK DOWN, 3 GREEN |
| Autopilot | OFF |
| Landing Speed | 90-95 MPH IAS |
| Touchdown | MAIN WHEELS FIRST |
| Landing Roll | LOWER NOSE WHEEL |