



Premier I

Microsoft Flight Simulator 2004

Aircraft and Panel: Eaglesoft Development Group

URL: <http://www.eaglesoftdg1.com>



Foto: Raytheon Aircraft Company



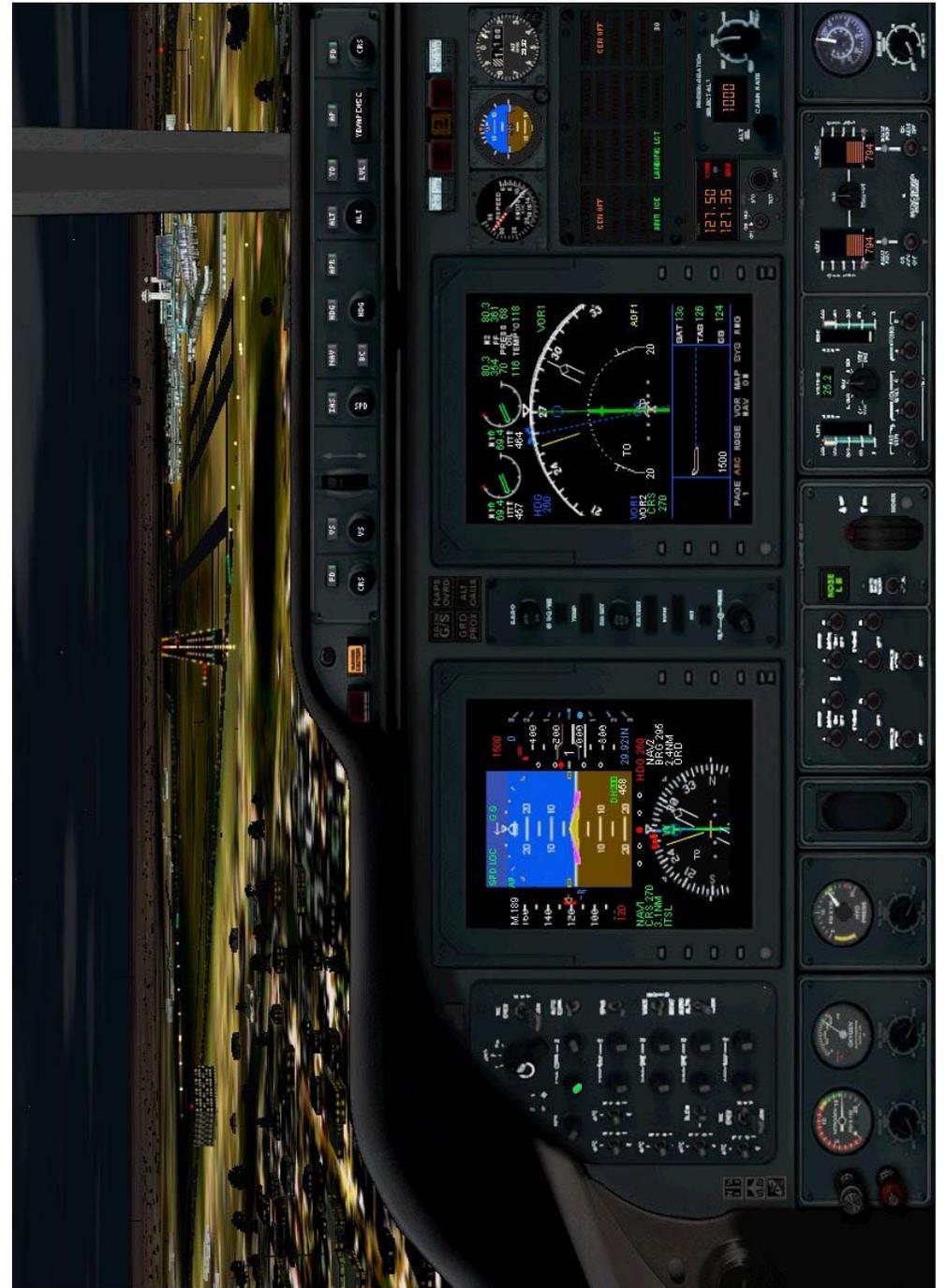
Werner Schott
Switzerland
w.schott@abts.ch



Foto: Raytheon Aircraft Company

Pre-Start Checklist

| | |
|----------------------------|-------------------------|
| Parking Brakes | SET |
| Battery Switch | OFF |
| Generators | OFF |
| Avionics | OFF |
| Throttle | CHECK FOR FREE MOTION, |
| | IDLE/CUTOFF |
| | then |
| Ignitions | ARM |
| ECU's | ON |
| Engine Synchronizer Switch | OFF |
| Roll & Rudder Trim | NORM |
| Pitch Trim | NORM |
| Flaps | UP |
| Landing Gear Lever | CHECK DOWN |
| Spoilers | RETRACTED |
| Fuel Flow Switches | CUTOFF |
| Landing Light Switch | OFF |
| Anti/Deice Switches | OFF |
| Heater Switches | OFF |
| Fuel Crossfeed Switch | NORM |
| Battery Switch | ON |
| Panel / Instrument Lights | ON if required |
| Master Test | perform TEST's |
| Fuel System | CHECK |
| Boost Pumps | AUTO |
| Fuel Crossfeed | CHECK |
| Trim System | CHECK, SET FOR TAKEOFF |
| Fasten Seat Belts | ON |
| No Smoking Sign | ON |
| Fuel Quantity | CHECK |
| Flight controls | CHECK |
| Avionics | ON |
| Check Weather | (ATIS, Flight Services) |
| Anti-/De-Ice | TEST/CHECK |
| Request Clearance | |
| Transponder | STANDBY |
| Beacon | ON |





Startup Checklist

| | |
|-----------------------------------|-----------------|
| Engine Area | CLEAR |
| Throttle | IDLE |
| Fuel Flow Switches | ON |
| Left Engine | START |
| Right Engine | START |
| Generators | CHECK OPERATION |
| Aircondition | ON |
| Hyd. Pressure / Eng. Instruments | CHECK |
| Annunciator Lights | EXTINGUISHED |
| DC Amperes & Voltage, AC Voltages | CHECK |

Before Taxi Checklist

| | |
|---------------------|---------------------|
| Nav Lights | ON |
| Standby Gyro | UNCAGE |
| Heading Indicator | SET |
| Altimeter | SET |
| Instruments | NORMAL OPERATION |
| Radios and Avionics | SET for DEPARTURE |
| Autopilot | SET, don't activate |
| Autothrottle | SET, don't activate |
| F/D | ON |
| Engine Anti-ice | AS REQUIRED |
| Cabin Signs | CHECK |
| Galley Power | ON |
| Master Test | perform TEST's |

Request Taxi Clearance

Taxi Checklist

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

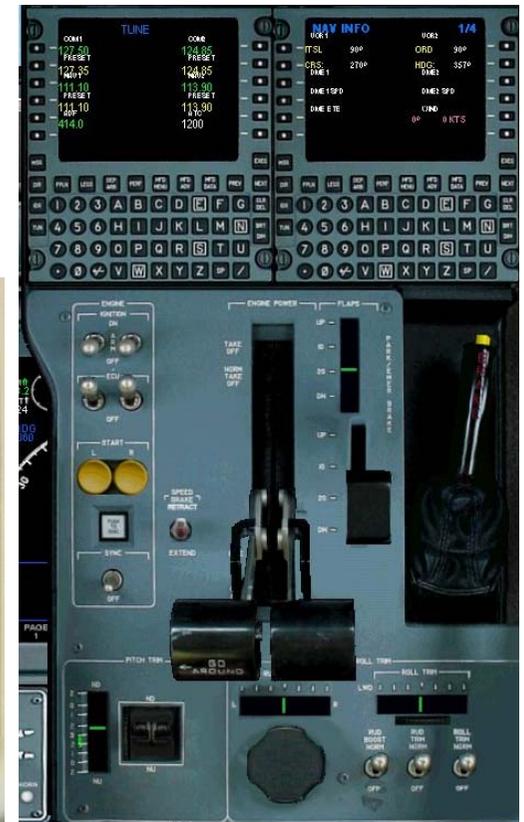
Before Take-off Checklist

| | |
|----------------------------|------------------|
| Parking Brake | SET |
| Fuel Crossfeed | NORM |
| Fuel Quantity and Balance | RECHECK |
| Throttle | IDLE |
| Elevator Trim | SET for takeoff |
| Flaps | 20 deg |
| Spoilers | RETRACTED |
| Flight Controls | FREE AND CORRECT |
| Engine Instruments | CHECK |
| Flight Instruments | CHECK |
| Takeoff Data (V1, Vr, V2) | CHECK |
| Radios and Avionics | SET |
| Landing Lights | ON |
| Strobe / Recognition Light | ON |
| Pitot Heat | ON |
| Heaters | ON |
| Anti-/De-Ice | AS REQUIRED |
| Annunciator Lights | CHECK CLEAR |
| Transponder | ON |

Request Takeoff Clearance

Take-off Checklist

| | |
|---|-----------------------------|
| Smoothly increase thrust to Takeoff Thrust | 40% N1 let spool up FULL |
| Brakes | RELEASE |
| V1 = | 105 KIAS |
| Vr = | 110 KIAS |
| Pitch | 10-12 degrees |
| V2 = | 120 KIAS |
| At Positive Climb Rate Landing Gear | Touch Brakes RETRACT |
| Yaw Damper | ON |
| At 400 ft AGL | RETRACT Flaps to 10 deg |
| At 1'500 ft AGL | RETRACT Flaps UP |
| Annunciator Lights/Eng. Instruments | CHECK |





Climb-out Checklist

| | |
|----------------------------|---------------------|
| Reduce Pitch | to 8 degrees |
| Trim for | 240 KIAS / 1800 fpm |
| Engine Synchronizer Switch | ON |
| Autopilot/Autothrottle | CHECK and ACTIVATE |
| Landing Lights | OFF |
| Anti /De Ice | AS REQUIRED |
| Below 10000' max. speed | 250 KIAS |

ATC

| | |
|--------------------|----------|
| Passenger Signs | OFF |
| Above 10000' speed | 310 KIAS |

AS REQUIRED

Cruise Checklist (above FL 180)

| | |
|--------------------------------|----------------------------------|
| At Transition Altitude (FL180) | set Altimeter to 29,92" (1013mb) |
| Accelerate to cruise speed | FL180 0.66M 320KIAS 408TAS |
| | FL240 0.74M 320KIAS 446TAS |
| | FL280 0.77M 308KIAS 457TAS |
| | FL330 0.78M 280KIAS 455TAS |
| | ... 0.76M 248KIAS 440TAS |
| | FL410 0.74M 218KIAS 428TAS |

| | |
|--------------------|---------------|
| Service Ceiling | CHECK |
| Engine+Instruments | CHECK |
| Fuel Quantity | CHECK |
| Radios | TUNED and SET |
| Autopilot | CHECK and SET |
| Lights | as required |

Descent Checklist

| | |
|--------------------------------|--------------------------|
| Atis/Airport Information | CHECK |
| Altimeter | CHECK/SET |
| Radios | SET |
| Anti /De Ice | AS REQUIRED |
| Descent Speed | to FL240 0.74 mach |
| | to FL180 0.65 mach |
| At Transition Altitude (FL180) | reset Altimeter to local |
| | to FL120 280 KIAS |
| | below 10'000ft 250 KIAS |

| | |
|-------------------------|-------------------------|
| Flaps / Landing Gear | CHECK UP |
| Spoilers | CHECK RETRACTED |
| Fuel Quantity & Balance | CHECK |
| Check Weather | (ATIS, Flight Services) |

Approach Checklist

Localizer Level Flight :

| | |
|----------------------------------|-----------|
| Fasten Seat Belts | ON |
| No Smoking Sign | ON |
| Avionics + Radios | SET |
| Speed: Establish | 190 KIAS |
| Landing Lights | ON |
| Auto Spoilers | ARM |
| Flaps | 10 deg |
| Speed: Establish | 145 KIAS |
| Flaps | 20 deg |
| Speed: Establish | 130 KIAS |
| Landing Gear | DOWN |
| Turning toward runway: set flaps | FULL DOWN |

Final Glideslope Descent :

| | |
|------------------|-------------|
| Speed: Establish | 120 KIAS |
| Elevator Trim | AS DESIRED |
| Parking Brake | VERIFY OFF |
| Anti-/De-Ice | AS REQUIRED |
| Yaw Damper | OFF |

Landing Checklist

| | |
|--------------------------|---|
| Landing Gear | CHECK DOWN, 3 GREEN |
| Autopilot / Autothrottle | OFF |
| Landing Speed | 115 KIAS |
| Touchdown | MAIN WHEELS FIRST |
| Landing Roll | LOWER NOSE WHEEL |
| Spoilers | VERIFY EXTENDED |
| Brakes | AS REQUIRED |
| After touchdown | Apply Reverse Thrust, at 60 kts: Cancel Reverse Thrust |

Taxi To Ramp

| | |
|----------------------------|-----------------|
| Strobe / Recognition Light | OFF |
| Landing Lights | OFF |
| Flaps | UP |
| Spoilers | RETRACT |
| Anti-/De-Ice | OFF |
| Heaters | OFF |
| Pitot Heat | OFF |
| Transponder | 1200 / STANDBY |
| Speed | Max. 20 knots |
| Elevator Trim | TAKEOFF SETTING |
| Avionics/Radios | AS REQUIRED |

Shutdown Checklist

| | |
|---------------------------|--------|
| Parking Brake | SET |
| Throttle | IDLE |
| Passenger Signs | OFF |
| F/D | OFF |
| Aircondition | OFF |
| Galley Power | OFF |
| Radios / Avionics | OFF |
| Nav Lights | OFF |
| Fuel Flow | CUTOFF |
| Generators | OFF |
| Beacon | OFF |
| Panel / Instrument Lights | OFF |
| Battery Switch | OFF |

Securing Aircraft

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