

PILOT'S CHECKLIST

BEFORE STARTING ENGINE

Preflight Inspection-Complete
Passenger Briefing-Complete
Seat Cushions-Adjust Ht/Eye Position
Seat Belts/Harness-Adjust, Secure
Rudder Pedals-Adjust as Desired
Doors-As Required
Fuel Boost Pump Switch-OFF
Brakes-Test & Set Parking Brake
Fuel Selector Valve-Check ON
Circuit Breakers-Check IN
Avionics Master Switch-OFF
Ignition Switch-OFF
All other Electrical Switches-OFF

STARTING ENGINE

Brakes-Confirm Parking Brake Set
Fuel Selector Valve-Verify ON
Master (Bat/Alt) Switch-ON
FADEC PWR A&B Switches-ON
Fuel Boost Pump Mode Switch-ON
Fuel Boost Pump-Listen for Operation
Fuel Boost Pump Mode Switch-AUTO
Fuel Boost Pump-Listen/Cnfm not Run
HSA Fuel PMP Ann-Check OFF
Throttle-Full Forward
HSA WOT Ann-Check ON
Throttle-1/2 in. Forward of Idle
HSA WOT Ann-Check OFF
Propeller Area-Clear
Ignition Switch-Right
Fuel Boost Pump-Confirm not Running
Ignition Switch-Left
Fuel Boost Pump-Listen for Operation
Ignition Switch-Both
Fuel Boost Pump-Listen for Operation
Ignition Switch-Start
*(10 sec Max Release after Engine Start)
Starter Eng Ann Lamp- Extinguished
Throttle-Retard, Set 1000-1200 RPM
Oil Pressure-Conf. Rising (30 sec Max)
Engine Instruments-Check & Monitor
Voltmeter-Check (12 Volts Minimum)
HSA Test Button-Push, Check Lamps Illumin
HSA Test Button-Release
*Check all Lamps Extinguished

BEFORE TAXIING

HSA-Check all Lamps Extinguished
Avionics Master Switch-ON
Radios/Avionics-As Required
Lights-As Required
Air Vents-As Required
Flaps-UP (0°)

TAXIING

Parking Break-Release
Brakes-Test
Taxi-Slowly
Heading Indicator /Turn Coord-Check
Flight Cntrls-Use Crosswind Taxiing Tech

ENGINE RUNUP

Stop into Wind-Clear Behind
Parking Break-Set, Confirm, Aircraft Still
Canopy Doors-Closed/Latch, Secure
Oil Press/Temp- Check in Limits
Throttle-Approximately 1700 RPM
Fuel Boost Pump Mode Switch-OFF
HSA Fuel PMP Ann-Check ON
Fuel Pressure-Check in Limits
Fuel Boost Pump Mode Switch-AUTO
HSA Fuel PMP Ann-Check OFF
FADEC PWR A Switch-OFF
Engine-Check, No RPM Drop or Surge
HSA EBAT FL&PPWR FL Ann-Check ON
FADEC PWR A Switch-ON
HSA-Check all Lamps Extinguished
FADEC PWR B Switch-OFF
Engine-No RPM Drop or Surge
HSA EBAT FL Ann-Check ON
FADEC PWR B Switch-ON
HSA-Check All Lamps Extinguished
Ignition Switch-Right Position
RPM Drop-10 RPM Min/150 RPM Max
HSA-Check both (L) Hand Cyl. Icons/ON
Ignition Switch-BOTH
HSA-Check All Lamps Extinguished
Ignition Switch-Left Position
RPM DROP-10 RPM Min/150 RPM Max
*(Max Difference between L & R IS 75 RPM)
HSA-Check Both R-Hand Cyl Icons, ON
Ignition Switch-Both
HSA-Check All Lamps Extinguished
Engine Instr/Ammeter-Recheck, Monitor
Alternate Induction Air Knob-Pull ON
*Check for slight drop in RPM, NO Engine Roughness
Alternate Induction Air Knob-Push OFF
Throttle-Idle

BEFORE TAKEOFF

Flight Control-Free and Correct
Lights-As Required
Ignition Switch-Verify Both
Flight & Engine Instruments-Set, Check
Flaps-20°
Fuel Boost Pump Mode Switch- Verify, AUTO

Trim- Set for Takeoff Flap Position
Fuel Selector Valve-Verify, ON
Radios & Avionics-Set
Transponder-ALT
Canopy Doors-Closed and Secure
Seat Belts & Harness-Secure
Brakes-Release

CLIMB

Throttle-Full Forward
HSA WOT Ann-Check ON
Airspeed-80-85 KIAS

CRUISE

Airspeed-Maint Pwr til Cruise Airspeed is Attain
Power-Set Cruise Power
Elevator Trim-Adjust as Required
Fuel Boost Pmp Mode Switch-Check AUTO
Engine Instruments and HSA-Check Often

BEFORE LANDING

Fuel Quality-Check Sufficient
Fuel Boost Pump Mode Switch-Check AUTO
Brakes-Verify Parking Brake OFF
Fuel Selector Valve-Verify ON
Flaps-As Desired (At 80 KIAS or Less)
Lights-As Required
Seat Belts and Harnesses-Secure

AFTER LANDING

Flaps-Retract after Clearing the Runway
Throttle-As Required for Taxi
*(3 Min. at or near idle before shutdown)
Anti-Collision/Nav Lights-OFF
Landing Light-As Required

SHUTDOWN

HSA-Check ALL Annunciators, OFF
Fuel Boost Pump Mode Switch-OFF
Avionics Master Switch-OFF
Ignition Switch-OFF
FADEC PWR A & B Switches-OFF
All Electrical Switches-OFF
All Light Switches-OFF
Master Switch-OFF
ELT-Check OFF