

START

Fuel Selector ON
Parking Brake SET
Alternate Air OFF
Fuel Boost Pump..... AUTO
Master Switch (BAT & ALT)..... ON
Annunciator Lights TEST/HIGH
VM1000..... VOLTS > 11.4v
FADEC A & B..... ON
Ignition Key (L), boost pump on
HSA TEST/HIGH
Throttle CHECK WOT, ¼”
Ignition Key START

ENGINE FIRE DURING START

1. Ignition Switch.....START
Continue turning the engine over.

If Engine Starts:

2. Power 1700 RPM (2 min.)
3. Engine SHUT DOWN

If Engine does NOT Start:

4. Ignition Switch.....START
5. Throttle FULL FORWARD
6. FADEC A and B PWR Switches.OFF
7. Fuel Selector Valve.....OFF
8. Cranking TERMINATE
9. Ignition Switch.....OFF
10. Master SwitchOFF
11. AirplaneEVACUATE
12. Fire..... EXTINGUISH
13. Fire Damage..... INSPECT

AFTER START

Throttle 800-1000RPM
VM 1000.....IN LIMITS
Cockpit Rheostat switches SET
Lights AS REQUIRED
Avionics Master..... ON
Flaps..... 0°
TransponderSTBY
Flight InstrumentsCHECK/SET
Comm/Nav Aids CHECK/SET
Fuel Boost Pump..... AS REQUIRED

RUN-UP

Fuel Boost Pump.....AUTO
Fuel Selector ON
Parking Brake.....SET
Canopy Doors CLOSED/SECURE
Throttle..... 1700RPM
Alternate AirCHECK
Fuel Boost Pump.....ON/OFF/AUTO
Annunciator Lights TEST/HIGH
HSA TEST/HIGH
VM1000.....IN LIMITS
FADEC Power B..... CHECK
FADEC Power ACHECK
Ignition L/R.....DROP 10-150 RPM
FADEC CAUTION
Throttle..... IDLE

BEFORE TAKEOFF

Seatbelts/Harnesses.....FASTENED
Fuel QuantityVERIFY
Flight ControlsFREE /CORRECT
Flight Instruments CHECK/SET
Nav/Comm..... CHECK/SET
Flaps..... 20°
Trim SET for TAKEOFF
Transponder ALT
Parking Brake.....RELEASE

AFTER LANDING

Flaps.....RETRACT
Transponder STANDBY
Lights AS REQUIRED

SHUTDOWN

Avionics Master OFF
Ignition Key OFF
FADEC A & B OFF
All Light Switches OFF
All Electrical Switches..... OFF
Master Switch OFF
Parking Brake..... AS REQUIRED

Vr :55; Vx: 70 ; Vy: 80; Best Glide: 80
Approach: Flaps 30: 65-70;
Flaps 20: 70-75; Flaps Up: 80-85
Va 100 KIAS (1653 lbs) / 94 (1450 lbs)

ENGINE FAILURE AFTER TAKEOFF

1. Best Glide or Landing Speed (as appropriate) ESTABLISH
2. Flaps..... AS REQUIRED
If time permits:
3. Ignition SwitchOFF
4. FADEC A and B PWR Switches OFF
5. Master Switch.....OFF
6. Throttle..... IDLE
7. Fuel Selector ValveOFF
8. Seat Belts/Shoulder Harness.SECURE

FORCED LANDING

1. Establish Best Glide Attitude 80 KIAS
2. RadioMAYDAY 121.5 MHz)
3. TransponderSQUAWK 7700
4. ELT (if off airport)..... ACTIVATE
5. Ignition SwitchOFF
6. FADEC A and B PWR Switches OFF
7. Fuel Boost Pump Mode Switch...OFF
8. Throttle.....IDLE
9. Fuel Selector Valve OFF
10. Flaps (when field is made) AS REQUIRED or 30°
11. Master Switch.....OFF
12. Belts/ Harness..... SECURE
WARNING: Flaps will not operate when Master Switch is off.

ENGINE FAILURE IN FLIGHT

1. Best Glide Attitude.....80 KIAS
2. Fuel Selector ValveCHECK ON
3. Throttle..... OPEN ¾ INCH
4. Fuel Boost Pump ON
5. FADEC A and B PWR Switches
RECYCLE SIMULTANIOUSLY
6. Ignition SwitchCHECK BOTH
7. Ignition Switch (NOT Windmilling)
START
8. Throttle.....BEST OPERATION
9. Repeat steps 2 – 6 prop windmilling.
10. No Start ...Forced Landing checklist.

ENGINE PARTIAL POWER LOSS

1. Fuel Boost Pump Mode Switch.... ON
2. Fuel Selector ValveCHECK ON
3. Alternate Induction Air PULL ON
4. Ignition Switch.CHECK R, L, BOTH
5. LAND...AS SOON AS PRACTICAL

ENGINE FIRE IN FLIGHT

1. Fuel Selector Valve .OFF (lift knob to turn off)
2. Throttle..... IDLE
3. Cabin Heat..... OFF
4. Fuel Boost Pump Mode Switch.. OFF
5. FADEC A & B PWR Switches .. OFF
6. Ignition Switch OFF
7. Perform Forced Landing checklist
WARNING : No restart.

CABIN FIRE IN FLIGHT

1. Master Switch..... .OFF
2. FADEC PWR A SwitchOFF
3. Avionics Master Switch OFF
4. All Electrical Switches .. OFF (Except FADEC PWR B Switch)
WARNING: Turning off FADEC PWR B switch when Master Switch is OFF will cause immediate loss of engine power.
5. Cabin Heat..... OFF
6. Fire Extinguisher ACTIVATE
7. Air Vents .. OPEN TO VENT CABIN
8. LAND...AS SOON AS PRACTICAL

SPIN RECOVERY

1. Throttle IDLE
2. Ailerons NEUTRAL
3. Rudder FULL OPPOSITE DIRECTION OF SPIN
4. Control Stick FORWARD
5. Rudder Neutralize
6. Recover from dive