

NORMAL CHECKLIST



BEFORE START

Passenger Briefing COMPLETE
 Belts / Doors SECURE
 Avionics Master OFF
 Elec Switches (except beacon) OFF
 Circuit Breakers.....CHECK IN
 Avionics Bus Tie CHECK OUT

ENGINE START

Fuel Shutoff Valve..... ON
 Mixture RICH
 Throttle OPEN 1/4-1/2 INCH
 Carb Heat OFF
 Prime AS REQUIRED
 Master ON
 Brakes..... HOLD
 Prop Area..... CLEAR
 Ignition Start THROTTLE 1000 RPM
 Oil Pressure..... CHECK
 Avionics Master ON
 Lights AS REQUIRED

TAXI AWAY FROM HAZARDS

AFTER START

Flaps..... UP
 MixtureLEAN
 Transponder.....SET
 Directional Gyro.....SET

BEFORE TAKEOFF

Flight Controls FREE / CORRECT
Fuel Shutoff Valve..... ON
Trim..... TAKEOFF
Mixture..... RICH
 Throttle 1700 RPM
 Carb Heat..... CHECK
 Mags..... CHECK
 Primer IN / LOCKED
Engine Instruments..... CHECK
 Suction CHECK
 Ammeter CHECK
 Throttle IDLE THEN 1000
 Flight InstrumentsCHECK / SET
Fuel Quantity..... CHECK
 Radio / Transponder FREQ / SQUAWK
Flaps SET
 Doors / Windows..... SECURE
Light / Strobes..... ON
 Time NOTE

CLIMB

Throttle FULL
 Flaps UP
 Engine Instruments MONITOR
 Mixture LEAN ABOVE 3000'

CRUISE

Throttle SET ≤75% POWER
 Engine Instruments MONITOR
 Mixture LEAN

BEFORE LANDING

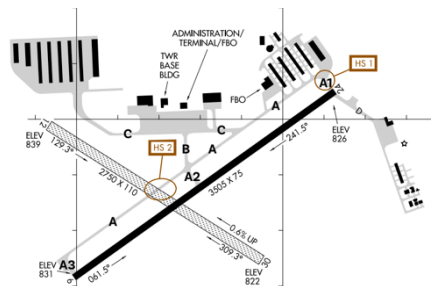
Altimeter.....SET
 Fuel Shutoff Valve ON
 Mixture RICH
 Carb Heat AS REQUIRED
 Landing Light ON
 Seatbelts SECURE

AFTER LANDING

RadiosSET
 Flaps UP
 Mixture LEAN
 Carb Heat OFF
 Light / Strobes..... OFF

SHUTDOWN

Throttle 1000 RPM
 Avionics Master..... OFF
 Lights (except beacon)..... OFF
 Mixture CUT-OFF
 Ignition OFF
 Master OFF
 Control Lock..... INSTALL
 Pitot Cover APPLY



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KARB ATIS 134.55 GND 121.6 TWR 120.3

EMERGENCY CHECKLIST

ENGINE FAILURE IN FLIGHT

Airspeed..... 60 KNOTS
Fuel Shutoff Valve..... ON
Mixture..... RICH
Carb Heat..... ON
Primer..... IN/LOCKED
Ignition..... BOTH

FORCED LANDING NO POWER

Airspeed..... (FLAPS UP) 65 KNOTS
..... (FLAPS 10° - FULL) 60 KNOTS
Fuel Shutoff Valve..... OFF
Mixture..... CUTOFF
Ignition..... OFF
Flaps..... AS REQUIRED
Master..... OFF
Doors..... UNLATCH

PRECAUTIONARY LANDING W/ POWER

Flaps..... 20°
..... (FINAL APPROACH) FULL
Airspeed..... 55 KNOTS
Avionics Master..... OFF
Master..... OFF
Doors..... UNLATCH
Ignition..... OFF

LOW-VOLTAGE LIGHT/DISCHARGE

Avionics Master..... OFF
ALT Circuit Breaker..... CHECK IN
Master..... CYCLE
Low-voltage Light..... CHECK OFF
Avionics Master..... ON
If low-voltage illuminates again:

Alternator..... OFF
Nonessential Equipment.... REDUCE LOAD
Land as soon as practical

EXCESSIVE RATE OF CHARGE

Master (ALT ONLY)..... OFF
Alternator Circuit Breaker..... PULL
Nonessential Equipment.... REDUCE LOAD
Land as soon as practical

SEE POH SECTION 3 FOR ADDITIONAL LISTED EMERGENCY PROCEDURES

FIRE DURING START

Cranking..... CONTINUE
If engine starts:

Throttle..... 1700 RPM
Mixture..... CUTOFF

If no start:

Cranking..... CONTINUE
Mixture..... CUTOFF
Extinguisher..... OBTAIN
Master..... OFF
Ignition..... OFF
Fuel Shutoff Valve..... OFF
Extinguisher..... ACTIVATE

ENGINE FIRE IN FLIGHT

Mixture..... CUTOFF
Fuel Shutoff Valve..... OFF
Master..... OFF
Cabin Heat / Air Vents..... CLOSED
Airspeed..... 85 KNOTS or MORE
Forced Landing..... EXECUTE

ELECTRICAL FIRE IN FLIGHT

Master..... OFF
Electrical Switches..... OFF
Avionics Master..... OFF
Cabin Heat / Air Vents..... CLOSED
Extinguisher..... ACTIVATE, as needed
VENTILATION..... OPEN (when fire out)
With extreme caution and care:

Master..... ON
Circuit Breakers..... CHECK (do not reset)
Radio Switches..... OFF
Avionics Master..... ON
Radio / Electrical Switches.....
..... ON, ONE AT A TIME WITH PAUSE

CABIN FIRE

Master..... OFF
Cabin Heat / Air Vents..... CLOSED
Extinguisher..... ACTIVATE then VENTILATE

WING FIRE

Nav / Strobe Lights..... OFF
Pitot Heat..... OFF
Side slip away from the fire

EMERGENCY: 121.5 SQUAWK: 7700/7600

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