

NORMAL CHECKLIST

BEFORE START

Passenger Briefing COMPLETE
Belts / Doors SECURE
Avionics Master OFF
Elec Switches (except beacon) OFF
Circuit Breakers CHECK IN
Standby Battery TEST (10 sec) / ARM
Engine Instruments NO RED X
Essential Bus Volts MIN 24V
Main Bus Volts MAX 1.5V
Standby Battery Amps NEGATIVE (-)
Standby Battery Annunciator ON

ENGINE START

Fuel Selector BOTH
Fuel Shutoff IN
Mixture CUT OFF
Throttle OPEN 1/4-1/2 INCH
Master ON
Prime AS REQUIRED
 Fuel Pump ON
 Mixture FULL RICH 3-5 SEC
 Fuel Pump OFF
Brakes HOLD
Prop Area CLEAR
Ignition to Start MIXTURE RICH
Throttle 1000 RPM
Oil Pressure CHECK
Avionics Master ON
Lights AS REQUIRED

TAXI AWAY FROM HAZARDS

AFTER START

Flaps UP
Fuel Selector RIGHT TANK
Mixture LEAN
Transponder SET

BEFORE TAKEOFF

Flight Controls FREE / CORRECT
Fuel Selector **BOTH**
Fuel Shutoff **IN**
Trim **TEST / TAKEOFF**
Mixture **RICH**
 Throttle 1800 RPM
 Magnetos CHECK
 Engine Instruments **CHECK**
CHECKLIST CONTINUES

BEFORE TAKEOFF (cont.)

Suction CHECK
Volts / Amps CHECK
Throttle IDLE THEN 1000
Flight Instruments CHECK/SET
Standby Instruments CHECK/SET
Fuel Quantity **CHECK**
Radio / Transponder SET
Flaps **SET**
Doors / Windows SECURE
Light / Strobes **ON**
Time NOTE

CLIMB

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

CRUISE

Throttle SET $\leq 75\%$ POWER
Engine Instruments MONITOR
Mixture LEAN

BEFORE LANDING

Altimeters SET
Fuel Selector BOTH
Fuel Shutoff IN
Mixture RICH
Landing Light ON
Seatbelts SECURE

AFTER LANDING

Radios SET
Flaps UP
Mixture LEAN
Light/Strobes OFF

SHUTDOWN

Throttle 1000 RPM
Avionics Master OFF
Lights (except beacon) OFF
Mixture CUTOFF
Ignition OFF
Master OFF
Standby Battery OFF
Fuel Selector LEFT OR RIGHT
Control Lock INSTALL
Pitot Cover APPLY

KARB ATIS 134.55 GND 121.6 TWR 120.3

N1377S

EMERGENCY CHECKLIST

ENGINE FAILURE IN FLIGHT

Airspeed..... 68 KNOTS
Fuel Selector BOTH
Fuel Shutoff..... IN
Mixture RICH
Fuel Pump ON
Ignition BOTH

FORCED LANDING NO POWER

Airspeed..... (FLAPS UP) 70 KNOTS
.....(FLAPS 10°-FULL) 65 KNOTS
Fuel Shutoff..... OUT
Mixture CUTOFF
Ignition OFF
Flaps..... AS REQUIRED
Standby Battery OFF
Master OFF
Doors..... UNLATCH

PRECAUTIONARY LANDING W/ POWER

Flaps..... 20°
..... (FINAL APPROACH) FULL
Airspeed..... 65 KNOTS
Standby Battery OFF
Master OFF
Doors..... UNLATCH
Mixture CUTOFF
Ignition OFF

LOW-VOLTAGE WARNING

Master (ALT ONLY)..... OFF
ALT Field Circuit Breaker..... CHECK IN
Master (ALT & BAT)..... ON
Low Volt Annunciator..... CHECK OFF
M BUS Volts..... CHECK 27.5V Min
M BAT AMPS..... CHECK CHARGING (+)
If low-voltage illuminates again:
Master (ALT ONLY)..... OFF
Nonessential Equipment.... REDUCE LOAD
Land as soon as practical

EXCESSIVE RATE OF CHARGE

Master (ALT ONLY)..... OFF
Nonessential Equipment.... REDUCE LOAD
Land as soon as practical

SEE POH SECTION 3 FOR ADDITIONAL LISTED EMERGENCY PROCEDURES

EMERGENCY: 121.5 SQUAWK: 7700/7600

FIRE DURING START

Cranking..... CONTINUE
If engine starts:
Throttle 1800 RPM
Mixture CUT OFF
If no start:
Throttle FULL
Mixture CUTOFF
Cranking..... CONTINUE
Fuel Shutoff..... OUT
Fuel Pump OFF
Ignition OFF
Standby Battery OFF
Master OFF
Extinguisher..... OBTAIN / UTILIZE

ENGINE FIRE IN FLIGHT

Mixture CUTOFF
Fuel Shutoff..... OUT
Fuel Pump..... OFF
Master OFF
Cabin Heat/Air Vents CLOSED
Airspeed 100 KNOTS or MORE
Forced Landing..... EXECUTE

ELECTRICAL FIRE IN FLIGHT

Standby Battery OFF
Master OFF
Cabin Heat/Air Vents CLOSED
Extinguisher..... ACTIVATE, as needed
Avionics Master..... OFF
Electrical Switches..... OFF
VENTILATION..... OPEN (when fire out)
Circuit Breakers..... CHECK (do not reset)
With extreme caution and care:
Master ON
Standby Battery ARM
Avionics Master..... ON, BUS 1 then 2

CABIN FIRE

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

WING FIRE

Exterior lights..... OFF
Pitot heat OFF
Side slip away from the fire

KARB ATIS 134.55 GND 121.6 TWR 120.3