

NORMAL CHECKLIST

BEFORE START

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

ENGINE START

Cowl flaps OPEN
Fuel selector..... BOTH
Mixture CUT OFF
Prop HIGH RPM / FWD
Throttle OPEN 1/4 INCH
Master ON
Prime AS REQUIRED
 Fuel Pump ON
 Mixture RICH (until FF indicates rise)
 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
Mixture LEAN
Transponder..... SET

BEFORE TAKEOFF

Flight controls..... FREE / CORRECT
Fuel Selector..... BOTH
Cowl Flaps..... OPEN
Trim..... TEST/TAKEOFF
Mixture..... RICH
Throttle 1800 RPM
 Prop CYCLE
 Magnetoss CHECK
Engine Instruments..... CHECK
 Suction CHECK
 Volts / Amps CHECK
 AnnunciatorsCHECK / TEST
Throttle IDLE THEN 1000
Flight instruments..... CHECK / SET
CHECKLIST CONTINUES.....

BEFORE TAKEOFF (cont.)

Fuel quantity..... CHECK
Radio / Transponder..... FREQ / SQUAWK
NAV/GPS switch..... AS REQUIRED
Flaps.....SET
Doors / Windows SECURE
Light / Strobes..... ON
Time..... Note

CLIMB

Flaps UP
Throttle 23" MP / 2400 RPM
Mixture 15 GPH or RICH (*whichever is less*)
Engine InstrumentsMONITOR
Cowl FlapsOPEN AS REQUIRED

CRUISE

Throttle 15-23" MP
Prop 2000-2400 RPM $\leq 80\%$
MixtureLEAN
Cowl Flaps AS REQUIRED
Engine InstrumentsMONITOR

BEFORE LANDING

Cowl flaps..... CLOSED AS REQUIRED
Altimeter..... SET
Fuel Selector..... BOTH
Mixture RICH
Prop FORWARD
Landing Light ON
Seatbelts SECURE

AFTER LANDING

Radios SET
Cowl flaps..... OPEN
Flaps UP
Mixture LEAN
Light/strobes OFF

SHUTDOWN

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

KARB - ATIS 134.55 - GND 121.6 - TWR 120.3

N120WE

EMERGENCY CHECKLIST

ENGINE FAILURE IN FLIGHT

Airspeed..... 75 KNOTS
Fuel Selector BOTH
Mixture RICH
Fuel Pump ON
Ignition Switch BOTH
Fuel Pump OFF

FORCED LANDING NO POWER

Airspeed.....(FLAPS UP) 75 KNOTS
.....(FLAPS DOWN) 70 KNOTS
Fuel Selector OFF
Mixture CUT OFF
Ignition Switch OFF
Flaps..... AS REQUIRED
Master OFF
Doors..... UNLATCH

PRECAUTIONARY LANDING W/ POWER

Flaps..... 20°
..... (FINAL APPROACH) FULL
Avionics / Electrical Switches..... OFF
Airspeed..... 70 KNOTS
Master OFF
Doors..... UNLATCH
Mixture CUTOFF
Ignition Switch OFF

LOW-VOLTAGE WARNING

Avionics Master OFF
Alternator Circuit Breaker CHECK IN
Master CYCLE
Low-volt Annunciator..... CHECK OFF
Avionics Master ON
If low-voltage illuminates again:
 Alternator..... OFF
 Nonessential equipment..... OFF
Land as soon as practical

EXCESSIVE RATE OF CHARGE

Alternator OFF
Nonessential equipment..... OFF
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:
 Cranking..... CONTINUE
 Throttle FULL
 Mixture CUT OFF
 Fuel selector OFF
 Fuel pump OFF
 Extinguisher OBTAIN
 Master OFF
 Ignition OFF
 Fire EXTINGUISH

ENGINE FIRE IN FLIGHT

Mixture CUT OFF
Fuel Selector..... OFF
Fuel Pump..... OFF
Master OFF
Cabin Heat / Air Vents CLOSED
Airspeed 100 KNOTS OR MORE
Forced landing EXECUTE

ELECTRICAL FIRE IN FLIGHT

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)
Radio Switches..... OFF
With extreme caution and care:
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
Exterior lights..... OFF
Pitot Heat..... OFF
Side slip away from the fire

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