

BEFORE ENGINE START

Parking Brake RE-SET
 Tow Bar & Wheel Chocks REMOVED
 Aircraft & Crew Documents ON BOARD
 Circuit Breakers CHECKED
 Avionics Master..... OFF
 Transponder STBY
 Electrical Systems..... OFF
 Carburetor Heat FULL COLD
 Rudder Trim..... SET NEUTRAL
 Elevator Trim SET for T/O
 Fuel Tank Selector..... PROPER TANK
 - - - - - Crew at their stations - - - - -
 Seatbelts..... FASTEN
 Bagage Door..... CLOSE & SECURE
 Primer..... LOCKED
 Throttle SET
 Mixture..... FULL RICH
 Master Switch ON
 Stand By Vaccum CHECKED / OFF
 Controll Lights..... CHECKED
 Fuel Pump ON
 Anti Collision Lights..... ON
 Fuel Quantity Gauges CHECKED
 Fuel Pressure CHECKED

AFTER ENGINE START

Oil Pressure CHECKED
 Throttle 1000 RPM
 Fuel Pump OFF
 Fuel Pressure CHECKED
 Alternator..... CHECKED
 Warning lights..... OUT
 Avionics Master..... ON
 Navigation / Panel Lights..... AS REQ
 Avionics SET / CHECKED
 Autopilot..... TESTED
 ATIS / Departure Information..... RECEIVED
 Altimeters..... SET
 Directional Gyro SET

TAXI

Brakes CHECKED
 Steering CHECKED
 Flight Instruments CHECKED

ENGINE RUN UP

Parking Brake SET
 Oil Temperature GREEN ARC
 Fuel Tank Selector..... FULLEST TANK
 Throttle 2000 RPM
 Magnetos..... max drop/diff 175/50 RPM
 Carburetor Heat CHECK, VERIFY DROP
 Vacuum 5.0"Hg ± 0.1
 Engine Gauges CHECKED
 Throttle 1000 RPM

BEFORE TAKE OFF

Cabin Door & Window LATCHED
 Cabin Fan OFF
 Flight Controls..... FREE
 Elevator Trim CHECKED
 Flaps..... SET
 Mixture..... FULL RICH
 Carburetor Heat OFF
 Magnetos..... BOTH
 Clearance RECEIVED
 Transponder code SET
 Departure Briefing / Nav aids GIVEN / SET
 Emergency Briefing..... GIVEN

- - - - - When lining up - - - - -

TransponderALT
Fuel Pump ON
Landing Light AS REQ
Pitot Heat AS REQ
Directional Gyro X-CHECKED

CLIMB

**C
L
I
M
B** FlapsRETRACT
Fuel Pump OFF
Landing Light OFF
Engine Instruments CHECKED
Wings CHECKED
Altimeters SET

CRUISE

**C
R
U
I
S
E** PowerSET per power table
Mixture SET
Fuel Tank Selector AS REQ
Engine Instruments CHECKED

DESCEND

**B
E
F
O
R
E

D
E
S
C
E
N
D** ATIS / Met Report RECEIVED
Directional Gyro CHECKED
Seatbelts FASTEN
Carburetor Heat AS REQ
Altimeters SET
MixtureADJUST

APPROACH

**A
R
R
I
V
A
L** Approach Briefing GIVEN
Nav aids / Marker Beacon SET / ON
Fuel Tank Selector FULLEST TANK

**P
R
O
C
E
D
U
R
E** Mixture FULL RICH
Fuel Pump ON
Landing Light AS REQ
Carburetor Heat ON
Flaps SET - max 102 KIAS

**F
I
N
A
L** Auto pilot OFF
Carburetor Heat OFF
Flaps SET for Landing

AFTER LANDING

Fuel Pump OFF
Landing Light OFF
Pitot Heat OFF
Transponder STBY
FlapsRETRACT

PARKING

Parking Brake SET
Electrical Systems OFF
Navigation / Panel Lights OFF
Avionics Master OFF
Mixture IDLE CUT-OFF
Magnetos OFF
Anti Collision Lights OFF
Master Switch OFF
ATS Flightplan CLOSED

ENGINE POWER LOSS IN FLIGHT

Airspeed 76 KIAS
Field AVAILABLE
Fuel Tank Selector CHANGE
Fuel Pump ON
Mixture FULL RICH
Carburetor Heat WARM
Primer CHECK LOCKED
Magnetos BOTH or BEST WORKING
Distress Message TRANSMIT
Transponder 7 7 0 0
ELT ON
PROCEED WITH POWER OFF LANDING