

PASSENGER BRIEFING

Safety Belts, Doors, Windows
 Flight Controls
 First Aid Kit, Fire Extinguisher
 ELT, Emergencies, Evacuation
 Advise of traffic, sterile cockpit
 No Smoking, Airsick Bags
“I have control, you have control”

PRE-START

Documents/Airworthiness/Inspection
 Tow Bar.....REMOVED
 Cabin.....SECURE
 Radios & Electrical..... OFF
 Fuel QuantityCHECK
 First Aid & Fire Extinguisher YES
 Check Circuit Breakers.....IN

START

Fuel SelectorLEFT
 BeaconON
 MasterON
 Brakes ON
 Mixture RICH
 Carb Heat COLD
 Prime as REQ'D (0-3 times)
 Throttle.....1/8 INCH

ALL CLEAR

Ignition START
 Throttle 1000RPM
 Oil Pres/Temp GREEN 30 SEC

AFTER START

Avionics MasterON
 Radios ON & CORRECT
 NAV Aids ON AS REQ'D
 Transponder ALT & CORRECT
 Ammeter POSITIVE
 Fuel Selector RIGHT
 HSI CHECK

ALT SET (2 places)
 Flaps (retract in stages) UP
 Brakes CHECK
 Taxi Checks, Instrument Indications

ENGINE RUNUP

Into Wind/Nose wheel Straight/Clear
 Brakes ON
 Fuel Selector BOTH
 Mixture RICH
 Engine Gauges GREEN
 Throttle 1800 RPM
 Engine Gauges GREEN
 Magnetos L, R, BOTH
 Max drop 125, max difference 50

Mixture CHECK LEANING
 Ammeter w/ load NO DISCHARGE
 Carb Heat HOT
 Throttle IDLE
 Carb Heat COLD
 Throttle 1000 RPM

BEFORE TAKEOFF

Doors / Windows SECURE
 Seats / HarnessesSECURE
 Flight Controls FULL & CORRECT
 Flight Instruments SET
 Primer LOCKED
 Magnetos BOTH
 Carb Heat COLD
 Mixture RICH
 Throttle Friction Lock SET
 Flaps AS REQ'D (MAX 10)
 TrimSET FOR T/O
 Fuel Selector BOTH
 Transponder ALT
 Radios / NAV AidsSET
 Pitot Heat ON as REQ'D
 Landing Light ON

Takeoff Briefing

TAKEOFF

HSICHECK ALIGNED TO RWY
 Rotate 60 MPH
 Climb 80–90 MPH

AFTER 400' AGL

Flaps UP

CRUISE

Landing Light As REQ'D
 Power 2200-2500 RPM (<75%)
 Trim SET
 Mixture LEANED

DESCENT

Mixture RICH
 Carb Heat HOT as REQ'D
 Power as REQ'D

BEFORE LANDING

Primer LOCKED
 MasterON
 Magnetos BOTH
 Landing Light ON
 Carb Heat HOT
 Mixture RICH
 Fuel Selector BOTH
 Fuel Quantity CHECK
 Engine Gauges GREEN
 Brakes CHECK
 Seats & HarnessSECURE

APPROACH

Airspeed 80 MPH
 Flaps 20 or as REQ'D

FINAL APPROACH

Flaps 40 or AS REQ'D
 Airspeed 75 MPH

OVERSHOOT

Throttle FULL
 Carb Heat COLD
 Flaps IF FULL RAISE TO 20
 Climb 80+ MPH
 Safe Altitude FLAPS UP IN STAGES

AFTER LANDING

Flaps UP
 Carb Heat COLD
 Throttle 1000 RPM
 Transponder OFF
 Pitot HeatOFF

SHUT DOWN

Landing Light OFF
 Check ELT 121.5
 Avionics / Electrics OFF
 Dead Magnetos CHECK
 Throttle 1000 RPM
 Mixture IDLE CUT-OFF
 Magnetos OFF
 Master OFF

AFTER SHUTDOWN

Control Lock.....ON
 Covers.....ON
 Heater.....If OAT < 0°C

Record TACH / HOBBS Times
CLOSE FLIGHT PLAN

FREQUENCIES

Smiths Falls ATF..... 122.70
 Smiths Falls ARCAL..... 122.90
 Brockville..... 123.00
 Brockville ARCAL..... 123.30 & 123.50
 Kingston RDO..... 122.50
 Enroute..... 126.70
 Quebec RDO (FIC)..... 123.15
 Ottawa TML 127.70