

FREQUENCIES:

Emergencies 121.5
 CZBA Unicom 123.5
 CYFD Unicom 122.82
 CYHM ATIS 128.1
 CYHM TWR 125.0
 CYKF ATIS 125.1
 CYKF TWR 126.0
 CYYZ TERMINAL 119.3
 FLIGHT SERVICE 123.27 or 126.7

PRE-FLIGHT INSPECTION

Control Lock.....OFF
 Magnetos.....OFF
 Master Switch.....ON
 Fuel Gauges.....CHECK QUANTITY
 Beacon.....CHECK
 Avionics Master.....ON
 Listen.....FOR COOLING FAN
 Avionics Master.....OFF
 Flaps.....EXTEND IN STAGES
 Master Switch.....OFF
 Loose Objects.....SECURE
 Fire Extinguisher.....CHARGED
 First Aid Kit.....ON BOARD
 Documents.....CHECK
 External Check.....COMPLETE

PASSENGER BRIEFING

EXITING AIRCRAFT
 DOOR LATCHES
 WINDOW LATCHES
 SEAT BELT LATCHES
 FIRE EXT. LOCATION/USE
 FIRST AID KIT
 ELT LOCATION/USE
 MOTION SICKNESS
 NO SMOKING
 DON'T TOUCH CONTROLS
 ANY QUESTIONS?

PRE-ENGINE START

Hobbs Time.....RECORD
 Avionics and Electrics.....OFF
 Controls.....FREE & CORRECT
 Trim.....FREE & SET

START CHECK

Mixture.....ICO
 Throttle.....¼ INCH
 Fuel Valve.....ON BOTH
 Fuel Shut-off Valve.....IN
 Brakes.....SET and HOLD
 Master Switch.....ON
 Beacon.....ON
 If Prime Required:
 Fuel Pump.....ON
 Mixture.....FULL RICH
 Fuel Flow.....FOR 3 - 5 SECONDS
 Mixture.....ICO
 Fuel Pump.....OFF
 Prop Area.....“CLEAR”
 Engine.....START
 Mixture.....RICH AS ENGINE FIRES
 Throttle.....1000 RPM
 Oil Pressure.....CHECK

AFTER START

Mixture.....LEAN 1 INCH
 Electrics.....AS REQUIRED
 Avionics Master.....ON
 Audio Panel.....CHECK
 Radio.....CHECK (or ATIS)
 Flight Instruments.....SET
 Annunciator Panel.....CHECK
 Transponder.....TEST / STBY 1200
 Autopilot.....OFF
 Flaps.....UP IN STAGES
 Parking Brake.....OFF

TAXI CHECK

Brakes.....TEST
 Control Inputs.....FOR WIND
 Flight Instruments.....GYRO CHECK

RUN-UP

Brakes Set.....1000 RPM
 Blast Area.....CLEAR
 Mixture.....RICH
 Throttle.....1800 RPM
 Brakes Holding.....CONFIRM
 Oil Temp & Pressure.....CHECK
 Mags.....CHECK
 Suction.....CHECK
 Alternator.....CHARGING
 Mixture.....CHECK
 Throttle.....SLOWLY TO IDLE
 Throttle.....1000 RPM

PRE TAKE-OFF

Throttle.....1000 RPM
 Engine Gauges.....GREEN
 Mags.....ON BOTH
 Master Switch.....ON
 Circuit Breakers.....IN
 Mixture.....RICH
 Flaps.....AS REQUIRED
 Trim.....SET FOR TAKE-OFF
 Fuel Selector.....ON BOTH
 Fuel Shut-Off Valve.....IN
 Doors and Windows.....SECURE
 Seats and Harnesses.....SECURE
 Controls.....FREE
 Pax Briefing.....COMPLETED
 Take-off Briefing.....COMPLETED
 T - Take-off Time.....NOTE
 I – Instruments.....SET
 L – Lights.....ON
 T – Transponder.....ON ALT

ON RUNWAY CHECK

Max Power.....SET
 Gauges.....GREEN
 Airspeed.....ALIVE

AFTER TAKE-OFF CHECK

Gauges.....GREEN
 Flaps.....UP

CRUISE CHECK

Power.....SET
 Mixture.....LEAN
 Gauges.....GREEN

PRE LANDING

Engine Gauges.....GREEN
 Mags.....ON BOTH
 Master Switch.....ON
 Circuit Breakers.....IN
 Mixture.....RICH
 Fuel Selector.....ON BOTH
 Fuel Shut-off Valve.....IN
 Brake Pressure.....CHECK
 Seats and Harnesses.....SECURE
 Pax Briefing.....COMPLETED

AFTER LANDING

Throttlr.....1000 RPM
 Transponder.....STBY 1200
 Flaps.....RETRACT
 Mixture.....LEAN 1 INCH
 Unnecessary Electrics.....OFF
 Landing Time.....NOTE

SHUT DOWN

Throttle.....1000 RPM
 Radio.....CHECK 121.5
 Avionics Master.....OFF
 Electrics.....OFF
 Throttle.....IDLE
 Live Mag.....CHECK
 Throttle.....1000 RPM
 Mixture.....ICO
 Mags.....OFF
 Master Switch.....OFF
 Hobbs Time.....RECORD
 Control Lock.....INSTALL
 External Covers.....INSTALL
 Unserviceabilities.....RECORD

<u>Airspeeds - KIAS</u>	
Vx Best Angle.....	60
Vy Best Rate.....	79
En-route Climb.....	70-85
Maximum Glide.....	65