

SPECTRUM AIRWAYS

905-336-4010

C-GOCH Checklist

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 (123.275) 126.7

PRE-FLIGHT INSPECTION

CONTROL LOCK OFF
MAGNETOS OFF
MASTER ON
FUEL GUAGES-QUANTITY
BEACON CHECK
MASTER OFF
FLAPS EXTENDED IN STAGES
LOOSE OBJECTS SECURE
FIRE EXTINGUISHER
CHARGED
FIRST AID KIT
DOCUMENTS
EXTERNAL CHECK

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 POWER &
CONTROLS
ANY QUESTIONS?

PRE-ENGINE START

RECORD HOBBS TIME
AVIONICS & ELECTRICS OFF
FLAPS RETRACT IN STAGES
CONTROLS FREE & CORRECT
TRIM FREE & SET

START

FUEL SELECTOR ON LOWEST TANK
THROTTLE ¼ INCH
PROP FULL FINE (FWD)
MIXTURE RICH
CARB HEAT COLD
PRIME AS REQUIRED
MASTER ON
FUEL PUMP ON
BEACON ON
BRAKES SET, AND HOLD
“PROP CLEAR”
CRANK ENGINE
THROTTLE 1000 RPM
OIL PRESSURE

AFTER START

FUEL PUMP OFF
ELECTRICS AS REQUIRED
AVIONICS ON, CHECK FREQ
TRANSPONDER TEST / STBY 1200
AUDIO PANEL – CHECK
RADIO CHECK (or ATIS)
FLIGHT INSTRUMENTS SET
FUEL ON FULLEST TANK
MIXTURE LEAN FOR TAXI
PARKING BRAKE OFF/TAXI CLEARANCE

TAXI

LOOK OUT / BRAKE TEST
CONTROL INPUTS FOR WIND
FLIGHT INST – CHECK ON TAXI

RUN-UP

BRAKES SET (1000 RPM)
PROP BLAST AREA CLEAR
MIXTURE RICH
THROTTLE 2000 RPM
CONFIRM BRAKES HOLDING
OIL TEMP & PRESSURE
FUEL PRESSURE
MAG CHECK (175/50)
SUCTION CHECK (5” +/- .1”)
ALTERNATOR CHARGING
PROP CHECK 3 TIMES
RPM – MAX 200 DROP
MP – PEAK
OIL PRESSURE – STEADY
MIXTURE – CHECK OPERATION
CARB HEAT HOT
THROTTLE SLOWLY TO IDLE
THROTTLE 900 RPM
CARB HEAT COLD

PRE TAKE-OFF

THROTTLE 1000 RPM
FUEL ON FULLEST TANK
MAGS ON BOTH
PRIMER IN AND LOCKED
MASTER ON
FUEL PUMP ON
PROP FULL FINE (FWD)
MIXTURE RICH
CARB HEAT COLD
CIRCUIT BREAKERS
ENGINE GUAGES GREEN
FLAPS AS REQUIRED
TRIM SET FOR TAKE-OFF
DOORS & WINDOWS SECURE
SEATS & HARNESSSES SECURE
CONTROLS FREE & CORRECT
(T – Tower) – Switch to tower freq.
T – Take-off Time - NOTE
I – Instruments - SET
L – Lights - ON
T – Transponder - ALT
S – Sock – CHECK
TAKE OFF BRIEFING

ON RUNWAY

FULL POWER
OIL TEMP & PRESSURE
AIRSPEED ALIVE

POST TAKE-OFF (400' AGL)

THROTTLE – 24” MP
PROP – 2400 RPM
FLAPS RETRACT IN STAGES
ENGINE GUAGES GREEN

CRUISE CHECK

FUEL PUMP OFF
FUEL PRESSURE CHECK

FUEL TANK CHANGE

EVERY 15 MINUTES
FUEL PUMP ON
FUEL ON FULLEST TANK
FUEL PUMP OFF
FUEL PRESSURE CHECK

AIRSPEEDS – MPH

BEST ANGLE.....76
BEST RATE.....87
GLIDE.....85
APPROACH (0° FLAP).....80
APPROACH (40° FLAP).....71

PRE LANDING

SEATS & HARNESSSES SECURE
FUEL ON FULLEST TANK
MAGS ON BOTH
PRIMER LOCKED
MASTER ON
FUEL PUMP ON
MIXTURE RICH
CARB HEAT CHECK THEN COLD
CIRCUIT BREAKERS
ENGINE GUAGES GREEN
BRAKE PRESSURE

500' AGL CHECK

G – GAS (FULLEST TANK)
U – UNDERCARRIAGE
M – MIXTURE (RICH)
P – PROP (FINE/FWD)
S – SWITCH (FUEL PUMP ON)

AFTER LANDING

THROTTLE 1000 RPM
TRANSPONDER STBY 1200
FLAPS RETRACT
FUEL PUMP OFF
UNNECESSARY ELECTRICS OFF
LANDING TIME
MIXTURE LEAN FOR TAXI

SHUT DOWN

THROTTLE 1000 RPM
RADIO TO 121.5 (ELT CHECK)
RETUNE LAST FREQUENCY
AVIONICS & ELECTRICS OFF
TRANSPONDER OFF
THROTTLE IDLE
LIVE MAG CHECK
THROTTLE 1000 RPM
MIXTURE IDLE CUT OFF
WHEN PROP STOPPED:
MAGS OFF
MASTER OFF
ELECTRICS OFF
RECORD HOBBS
CONTROLS LOCKED
RECHECK MAGS & MASTER
OFF
EXTERNAL COVERS
INSTALLED (IE, PITOT)
REPORT UNSERVICEABLES