

SPECTRUM AIRWAYS

905-336-4010

Cessna 172R 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
AVIONICS MASTER ON
LISTEN FOR COOLING FAN
AVIONICS MASTER OFF
FLAPS EXTENDED IN STAGES
MASTER SWITCH OFF
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
CONTROLS FREE & CORRECT
TRIM FREE & SET

START

MIXTURE ICO
THROTTLE ¼ INCH
FUEL VALVE ON BOTH
FUEL SHUTOFF VALVE IN
BRAKES SET, AND HOLD
PROP AREA CLEAR
MASTER ON
BEACON ON
IF PRIME REQUIRED:
FUEL PUMP ON
MIXTURE IN UNTIL 3GPH
MIXTURE ICO
FUEL PUMP OFF
“PROP CLEAR”
CRANK ENGINE
MIX RICH AS ENGINE FIRES
THROTTLE 1000 RPM
OIL PRESSURE

AFTER START

ELECTRICS AS REQUIRED
AVIONICS ON, CHECK FREQ.
TRANSPONDER STBY 1200
AUDIO PANEL – CHECK
RADIO CHECK (or ATIS)
FLIGHT INSTRUMENTS SET
ANNUNCIATOR PANEL CHECK
TRANSPONDER TEST/STBY
AUTOPILOT OFF
FLAPS UP IN STAGES
MIXTURE LEAN 1 INCH
PARKING BRAKE OFF
(TAXI CLEARANCE)

TAXI

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

RUN-UP

BRAKES SET (1000 RPM)
PROP BLAST AREA CLEAR
MIXTURE RICH
THROTTLE 1800 RPM
CONFIRM BRAKES HOLDING
OIL TEMP & PRESSURE
MAG CHECK
VACUUM CHECK
ALTERNATOR CHARGING
MIXTURE-CHECK OPERATION
THROTTLE SLOWLY TO IDLE
THROTTLE 1000 RPM

PRE TAKE-OFF

THROTTLE 1000 RPM
ENGINE GUAGES GREEN
MAGS ON BOTH
MASTER ON
CIRCUIT BREAKERS
MIXTURE RICH
FLAPS AS REQUIRED
TRIM SET FOR TAKE-OFF
FUEL VALVE ON BOTH
FUEL SHUTOFF VALVE IN
DOORS & WINDOWS SECURE
SEATS & HARNESSES 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

ENGINE GUAGES GREEN
FLAPS UP

PRE LANDING

SEATS & HARNESSES SECURE
ENGINE GUAGES GREEN
MAGS ON BOTH
MASTER ON
CIRCUIT BREAKERS
MIXTURE RICH
FUEL VALVE ON BOTH
FUEL SHUT OFF VALVE IN
BRAKE PRESSURE

AFTER LANDING

THROTTLE 1000 RPM
TRANSPONDER STBY 1200
FLAPS RETRACT
MIXTURE LEAN 1 INCH
UNNECESSARY ELECTRICS OFF
LANDING TIME

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

AIRSPEEDS – KIAS

BEST ANGLE.....60
BEST RATE.....79
GLIDE.....65
NORMAL APPROACH.....65