

## 7KCAB CITABRIA: NORMAL CHECKLIST

### BEFORE START

PREFLIGHT INSPECTION -COMPLETE  
AIRWORTHINESS REQUIREMENTS -MET  
HOBBS TIME -RECORDED  
CHOCKS / TIEDOWNS / PROPELLER LOCK -REMOVED  
LAP BELTS & SHOULDER HARNESSSES -FASTENED  
FORWARD SEAT -LOCKED  
CONTROL STICKS (FORWARD AND REAR) -FREE OF OBSTRUCTIONS  
PASSENGER SAFETY BRIEFING -REVIEWED (Safety Belt Use, Door Use, Emergencies)  
ELECTRICAL EQUIPMENT -OFF  
TRANSPONDER -OFF AND SET TO 1200  
ELT -OFF AND ARMED

### ENGINE START

PARKING BRAKE -ON AND BRAKES HELD  
FUEL SHUTOFF -ON  
KEY -IN IGNITION  
MASTER SWITCH -ON  
BEACON -ON  
INTERCOM -ON  
ALTERNATE AIR -COLD  
CONTROL STICK -FULL AFT UNTIL AFTER ENGINE START  
THROTTLE -OPEN 1/2 TO 1 INCH  
MAGNETOS -LEFT AND RIGHT ON  
FUEL PUMP -ON & CHECK FUEL PRESSURE  
MIXTURE -FULL RICH TO PRIME, THEN IDLE CUTOFF (NONE IF ENGINE IS HOT)  
AREA -CLEAR  
IGNITION KEY -ON (ROTATE TO RIGHT)  
STARTER -ENGAGE  
MIXTURE -ADVANCE TO FULL RICH WHEN ENGINE STARTS  
ENGINE -1000 RPM  
MIXTURE -LEANED FOR TAXI  
FUEL PUMP -OFF & CHECK FUEL PRESSURE  
OIL PRESSURE -IN NORMAL RANGE  
LOAD METER -VERIFY ELECTRICAL CHARGE  
SUCTION -CHECK  
TURN COORDINATOR SWITCH -ON  
EXTERIOR & INTERIOR LIGHTS -AS REQUIRED  
RADIO -ON  
CABIN RADIO SPEAKER -ON / OFF AS DESIRED  
TRANSPONDER -STANDBY

### RUNUP

PARKING BRAKE -ON AND BRAKES HELD  
FLIGHT CONTROLS -VERIFY FULL TRAVEL & CORRECT DEFLECTIONS  
ELEVATOR TRIM -EXERCISE, THEN SET FOR TAKEOFF  
MIXTURE -FULL RICH  
CONTROL STICK -FULL AFT  
ENGINE -1800 RPM (Verify No Aircraft Movement)  
1. MAGNETO CHECK: MAX DROP: 200 RPM; MAX DIFFERENTIAL: 50 RPM  
2. ALTERNATE AIR: CHECK HOT, THEN COLD  
3. ALTERNATOR -CHECK  
4. SUCTION - 5.0 INCHES HG  
5. ENGINE GAUGES -IN NORMAL RANGE  
ENGINE -IDLE CHECK, THEN 1000 RPM  
FLIGHT INSTRUMENTS & G-METER -CHECKED AND SET  
NAVIGATION EQUIPMENT -SET  
TRANSPONDER CODE -SET  
DOOR & WINDOWS -CLOSED AND LATCHED  
CABIN AIR / HEAT -AS DESIRED  
TAKEOFF BRIEFING -REVIEWED (Airspeeds, Takeoff Distance, Departure Procedure, Emergencies)  
OIL TEMPERATURE -IN NORMAL RANGE BEFORE TAKEOFF  
RADIO -ON APPROPRIATE FREQUENCY

▶▶▶ TURN OVER FOR TAKEOFF ▶▶▶ TURN OVER FOR TAKEOFF ▶▶▶

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### TAKEOFF

FUEL PUMP -ON  
LANDING LIGHT -ON  
STROBE LIGHT -ON  
TRANSPONDER -TEST, THEN ALTITUDE  
TIME -COPY DOWN  
HEADING INDICATOR -SET TO RUNWAY HEADING

### CRUISE

POWER -SET  
MIXTURE -LEANED (BEST POWER OR BEST ECONOMY)  
FUEL PUMP -OFF & CHECK FUEL PRESSURE  
LANDING LIGHT -OFF  
HEADING INDICATOR -ADJUST  
ATTITUDE INDICATOR -ADJUST

### BEFORE LANDING

ALTIMETER -SET  
MIXTURE -FULL RICH  
FUEL PUMP -ON  
ALTERNATE AIR -CHECK HOT, THEN COLD  
LANDING LIGHT -ON  
LAP BELTS & SHOULDER HARNESSSES -FASTENED

### AFTER LANDING

RADIO -ON APPROPRIATE FREQUENCY  
MIXTURE -LEANED FOR TAXI  
FUEL PUMP -OFF & CHECK FUEL PRESSURE  
TRANSPONDER -OFF AND SET TO 1200  
LANDING LIGHT -OFF (Daytime)

### SHUT DOWN

PARKING BRAKE -ON AND BRAKES HELD  
CABIN AIR VENTS -CLOSED  
RADIO -OFF  
ENGINE -1200 RPM  
MIXTURE -IDLE CUT-OFF  
MAGNETOS -LEFT AND RIGHT OFF  
EXTERIOR & INTERIOR LIGHTS -OFF  
TURN COORDINATOR SWITCH -OFF  
MASTER SWITCH -OFF  
IGNITION KEY -OFF AND REMOVED (ROTATE TO LEFT)

### PARKING & SECURING

FLIGHT CONTROLS -SECURE  
CHOCKS -IN PLACE  
TIEDOWNS -SECURE  
PROPELLER LOCK -SECURE

### COMMUNICATIONS (KBVY)

TOWER PHONE: 978-922-0657	ATIS / ASOS: 119.2
BFC PHONE: 978-774-7755	GROUND: 121.6
ASOS PHONE: 978-921-5042	TOWER / CTAF: 125.2
BFC / NORTH ATLANTIC AIR: 123.3	AIR-TO-AIR: 122.75
FLIGHT WATCH: 122.0	FLIGHT SERVICE: 122.2

### AIRSPEEDS

V <sub>R</sub> - 50 MPH, Short Field Takeoff	V <sub>A</sub> - 120 MPH @ 1750 LBS. GROSS
55 MPH, Normal Takeoff	BEST GLIDE - 65 MPH
V <sub>X</sub> (BEST ANGLE) - 58 MPH	WINDOW OPEN - BELOW 130 MPH
V <sub>Y</sub> (BEST RATE) - 69 MPH	FINAL APPROACH - 60-70 MPH
ENROUTE CLIMB - 75-80 MPH	MAXIMUM CROSSWIND - <b>17 KTS</b>