


Cessna 152

Quick reference only. Refer to POH for Complete Procedures

PREFLIGHT GERT/DOC (ARROW) ONBOARD Mx LOG CHECK TACH/HOBBS RECORD PARKING BRAKE AS REQUIRED CONTROL LOCK REMOVE MAGNETOS OFF MIXTURE IDLE CUT-OFF CIRCUIT BREAKERS CHECK IN BEACON ON MASTER SWITCH ON FLAPS EXTEND FUEL QTY INDICATOR CHECK LOW VOLT LIGHT CHECK ON LIGHTS/PITOT HEAT CHECK MASTER SWITCH OFF EXTERIOR USE EXT CHECKLIST	PRE-TAXI MIXTURE LEAN 1" FOR TAXI RADIOS SET GND/CTAF TRANSPONDER ALT. 1200 CLOCK RUNNING AIRSPEED ZERO ATTITUDE INDICATOR ERECT ATIS/AWOS OBTAIN ALTIMETER SET DIR GYRO SET TO COMPASS VSI NOTE POSITION EXTERIOR LIGHTS BCN, TAXI CONTACT GROUND IF TOWERED, CHECK BRAKES, DG, TURN COORD ON	TAKEOFF DIR GYRO CHECK RWY HDG THROTTLE FULL OPEN ENGINE INSTRUMENTS GREEN ROTATE 55 KIAS Vy 67 KIAS	ENROUTE CLIMB AIRSPEED 70-80 KIAS MIXTURE LEAN ABOVE 3K	
BEFORE STARTING ENGINES CHOCKS REMOVED BRAKES SET AVIONICS MASTER OFF PAX BRIEF S.A.F.E.T.Y. SEATS/BELTS UP AND SECURE ELEC EXCEPT BCN OFF CARB HEAT OFF FUEL SHUTOFF VALV ON	GROUND CHECK BRAKES SET MIXTURE FULL RICH THROTTLE 1700 RPM ENGINE INSTRUMENTS CHECK GREEN SUCTION GAUGE CHECK GREEN ALTERNATOR TEST MAG CHECK MAX DROP 125 MAX DIFF. 50 RPM CARB HEAT ON, RPM DROP THROTTLE IDLE CHECK CARB HEAT OFF THROTTLE 800-1000	CRUISE POWER 2300 RPM TRIM AS REQUIRED MIXTURE LEAN FOR CRUISE	DESCENT/APPROACH ATIS/AWOS OBTAIN TOWER/CTAF ON TACT AT 10 NM EXTERIOR LIGHTS ALL ON APCH BRIEF CONDUCT SEATS/SEAT BELTS UP AND SECURE MIXTURE FULL RICH CARB HEAT ON ABEAM THE #S	
ENGINE START MIXTURE FULL RICH THROTTLE CRACK OPEN PRIMER AS REQUIRED BATT MASTER & ALTR ON BEACON ON NAV LGTS (IF NIGHT) ON AREA CLEAR MAGNETOS START THROTTLE 800-1000 OIL PRESSURE GREEN AVIONICS MASTER ON FLAPS RETRACT	BEFORE TAKEOFF RADIOS SET TO TWR/CTAF FLIGHT PLAN SET DIR GYRO SET TO COMPASS MIXTURE CHECK FULL RICH ENGINE INSTRUMENTS CHECK CARB HEAT OFF CIRCUIT BREAKERS CHECK IN SEATS/SEAT BELT UP & SECURE DOORS CLOSED & LOCKED FLAPS SET TRIM SET FOR T.O. CONTROLS FREE & CORRECT DEPARTURE BRIEF COMPLETE PARK BRAKE OFF WINDOWS AS REQUIRED EXTERIOR LIGHTS ALL ON	AFTER LANDING PITOT HEAT OFF LIGHTS TO JUST BCN AND TAXI CARB HEAT OFF MIXTURE LEAN 1" FOR TAXI FLAPS RETRACT	SHUTDOWN PARKING BRAKE ON TRANSPONDER ALT. 1200 AVIONICS MASTER OFF ELEC EXCEPT BEACON OFF THROTTLE FULL IDLE MAGNETOS GROUND CHECK THROTTLE 1200 RPM 10 SEC MIXTURE IDLE CUT-OFF MAGNETOS OFF BATT MASTER & ALTR OFF TACH/HOBBS RECORD CONTROL LOCK IF NEEDED LANDING GEAR CHECK PARKING BRAKE OFF FLIGHT PLAN CLOSE	
KLAF FREQUENCIES ATIS 127.75 TOWER 119.60 GROUND 121.90 FSS 122.35 GRISSOM APCH 123.85 PURDUE AV UNICOM 122.95				UPDATED 04/05/2023

EMERGENCY PROCEDURES

QUICK REFERENCE ONLY. Refer to POH section 3 for complete procedures

ENGINE FIRE DURING START STARTER CONTINUE CRANKING IF ENGINE FAILS TO START: IDLE CUT-OFF MIXTURE IDLE CUT-OFF THROTTLE FULL OPEN FUEL SHUTOFF OFF IF FIRE CONTINUES EVACUATE	ENGINE FIRE IN FLIGHT MIXTURE CUT OFF FUEL SHUTOFF OFF MASTER SWITCH OFF CABIN HEAT AND AIR OFF EXCEPT OVERHEADS IF FIRE PERSISTS EMERGENCY DESCENT CASCADY FORCED LANDING
ENGINE FAILURE IN FLIGHT AIRSPEED 55 KIAS BEST PLACE TO LAND NAVIGATE, LAND INTO WIND CHECKLIST: CARB HEAT ON PRIMER IN & LOCKED FUEL SHUTOFF VALVE ON MIXTURE FULL RICH MAGNETO SWITCH 30TH, START IF PROP STOP If engine does not restart: FORCED LANDING	ELECTRICAL FIRE IN FLIGHT MASTER SWITCH OFF ALL ELEC EXCEPT IGNITION OFF VENTS/CABIN HEAT CLOSED FIRE EXTINGUISHER ACTIVATE If fire appears out, and electrical power is required: MASTER SWITCH ON CIRCUIT BREAKERS IN (DO NOT RESET) RADIO/ELEC ON ONE AT A TIME CABIN VENTS/HEAT OPEN ONLY IF FIRE OUT
DECLARE EMERGENCY 121.5, SQUAWK 7700 prep to EVACUATE: MIXTURE IDLE CUT-OFF THROTTLE IDLE CUT-OFF FUEL SHUTOFF VALVE OFF MAGNETO SWITCH OFF FLAPS AS REQUIRED MASTER SWITCH OFF DOORS OPEN BEFORE LANDING	V-SPEEDS Vg BEST GLIDE 55 Vso Stall (Full Flap) 35 Vst1 Stall (Flaps UP) 40 Vr Rotate 55 Vx Best Angle of Climb 55 Vy Best Rate of Climb 67 Va Manuevering Speed 93-104 VFe1 Flaps 0-10° 110 VFE Flaps 10-30° 85 VNo Max Normal Operator 111 VNE Never Exceed 149 Enroute Climb 70-80 Max Demonstrated Crosswind 12
LOW VOLTAGE LIGHT ILLUMINATES (ALT FAIL) RADIOS OFF ALTERNATOR CB CHECK IN MASTER SWITCH OFF MASTER SWITCH ON LOW VOLT LIGHT CHECK OFF RADIOS ON If low voltage light illuminates again: ALTERNATOR OFF RADIO/ELEC ALL NONESSENTIAL OFF LAND AS SOON AS PRACTICAL	TRAINING PURPOSES ONLY, REFER TO POH SECTION 3 FOR MORE INFORMATION