

Textron Aviation Cessna Citation X Checklist For Microsoft Flight Simulator 2020 and 2024

Not for real world use.

Before Start

- STBY PWR Switch: ON
- EMERG LT Switch: ARM
- BATT 1 and BATT 2 Switches: ON
- EICAS POWER Switch: ON
- APU START: REFER TO APU START CHECKLIST
- AVIONICS POWER Switch: ON
- IRS: ALIGN/NAV
- FMS: INSERT PRESENT POSITION
- Parking Brake: VERIFY SET
- Wheel Chocks: REMOVED - Use Settings page in Tablet
- Cabin Door: CLOSE/LOCK
- Passenger Briefing: COMPLETED
- Seats/Belts/Harnesses/Pedals: ADJUST/SECURE
- Exterior Lights: AS REQUIRED
- EICAS: CHECK for warnings
- ATIS/Clearance/FMS: AS REQUIRED. Program FMS
- Instruments/Avionics/FLPN: Set course bugs and pointers as required for departure. COMM/NAV/ADF radios tuned and verified. Transponder set to STBY
- Fuel Quantity/Balance: CHECK - Maximum intentional fuel imbalance is 400 lbs
- CTR WING XFER Switches: NORM/AS REQUIRED
- V-Speeds: SET - TAKEOFF DATA FMS page

APU Start

- BATT 1 and BATT 2 Switches: ON
- LH FUEL BOOST Switch: NORM
- APU STARTER DISENGAGE Switch: NORMAL
- APU MASTER Switch: ON
- APU TEST: PUSH
- APU GENERATOR Switch: ON
- APU DC VOLTS: CHECK (22 volts minimum)
- APU: START
- Hold APU START switch up until APU RELAY ENGAGED light illuminates: APU RELAY ENGAGED light ON
- APU RELAY ENGAGED Light: ON, then OFF before READY TO LOAD light ON
- LOAD SHED Switch: NORM
- GPU: DISCONNECT/CLEAR (if used)
- APU Ammeter: CHECK (400A max on ground/200A max in flight)
- APU BLEED AIR Switch: ON (for engine start) AS REQUIRED (for PAC bleed)

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Starting Engines

- APU START: REFER TO APU START CHECKLIST
- PAC ISOL VALVE Knob: CLOSED
- Start duct pressure: At least 30 PSI
- Right Engine - START: PRESS (confirm START button and DISENGAGE button illuminate)
- Throttle: IDLE (by 10% N2 RPM)
- N1 Rotation: CONFIRM
- Oil Pressure: CHECK
- ITT: MONITOR
- Hydraulic Pressure: VERIFY
- Left Engine - START: Same as right engine
- Hydraulic Pressure: VERIFY
- Generators: ON
- Ground Air Service/GPU (if used): DISCONNECT
- APU Bleed Air Switch: OFF (check bleed sources)
- Select EICAS SYS, ENG on the MFD: Duct pressure is from right engine
- R ENG BLD AIR Knob: OFF (pressure should be zero)
- PAC ISOL VALVE Knob: OPEN (pressure is from left engine)
- L ENG BLD AIR Knob: OFF (pressure should be zero)
- L ENG BLD AIR Knob: HP/LP (check pressure)
- PAC ISOL VALVE Knob: CLOSED (pressure should be zero)
- R ENG BLD AIR Knob: HP/LP (check pressure)
- APU Bleed Air Switch: AS DESIRED

Starting Second Engine: Cross Bleed Method

- PAC ISOL VALVE Knob: OPEN
- PAC BLEED SELECT Switch: HP
- Opposite ENG BLD AIR Knob: HP/LP
- Opposite Engine: Adjust THR maintain 30 PSI minimum start pressure (approximately 55% N1)
- Left Engine - START: PRESS (confirm START button and DISENGAGE button illuminate)
- Throttle: IDLE (by 10% N2 RPM)
- N1 Rotation: CONFIRM
- Oil Pressure: CHECK
- ITT: MONITOR
- Opposite Engine: IDLE
- Hydraulic Pressure: VERIFY
- Generators: ON
- PAC BLEED SELECT Switch: NORMAL
- PAC ISOL VALVE Knob: CLOSED

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Before Taxi

- Flight Controls: FREE/CORRECT EICAS INDICATIONS
- Flaps/Slats Lever: UP
- Rudder Control/EICAS: VERIFY UPPER RUDDER REMAINS CENTERED WITH FLAPS UP
- Flaps/Slats: SET FOR TAKEOFF/CHECK EICAS INDICATIONS
- Speed Brakes: CHECK/STOWED/EICAS INDICATIONS
- AHRS or IRS: ALIGNED/NO FLAGS
- EICAS: CHECK (all messages either normal or resolved)
- Standby Gyro: UNCAGED
- Anti-Ice Systems: AS REQUIRED
- Pressurization ALT SEL: NORM
- Passenger Advisory Lights: PASS SAFETY
- Seats/Seat Belts/Shoulder Harnesses/Aft Divider Sliding Doors: CHECK/SECURE/LATCHED OPEN

Taxi

- Exterior Lights: AS REQUIRED
- Brakes: APPLY and HOLD
- Parking Brake: RELEASE
- Brakes: CHECK
- Nose Wheel Steering: CHECK
- Thrust Reversers: CHECK/STOWED
- Flight Instruments: CHECK

Before Takeoff

- Anti-Ice Systems (if required): CHECK
- LH and RH ENGINE, STABILIZER, and SLAT ANTI-ICE: ON/CHECK COLD MESSAGES (2-3 minutes)
- Throttles: APPROXIMATELY 40% N1
- Check CAS: COLD (messages go out, No HOT or LEAK messages)
- ANTI-ICE Switches: AS REQUIRED. It is suggested that Pitot/Static Anti-Ice be employed for all flights
- Throttles: IDLE
- Seats/Seat Belts/Shoulder Harnesses/Aft Divider Sliding Doors: CHECK/SECURE/LATCHED OPEN
- Flaps/Slats: SET FOR TAKEOFF
- Speed Brakes: RETRACTED (0%)
- Trims: SET FOR TAKEOFF
- Yaw Damper and Mach Trim: CHECK ON
- Crew Briefing: COMPLETE
- Radar: AS REQUIRED
- Transponder: TA/RA
- LH and RH PITOT STATIC Anti Ice Switches: BOTH ON
- Exterior Lights: AS REQUIRED
- Engine Instruments: CHECK
- EICAS: CHECK

Takeoff

- Throttles: TO/MC DETENT
- Brakes: RELEASE
- EICAS: CHECK NORMAL INDICATIONS, N1 matches command
- Elevator Control: ROTATE AT VR to achieve 13 deg initial pitch

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After Takeoff/Climb

- Landing Gear: UP
- Flaps/Slats: UP (airspeed above 170 KIAS)
- Throttles: CLB DETENT
- Anti-Ice Systems: AS REQUIRED
- ENG SYNC Knob: AS DESIRED
- Pressurization: CHECK
- Passenger Advisory Lights: AS REQUIRED
- Altimeters (transition altitude): SET
- Exterior Lights (FL180): AS DESIRED
- APU (prior to climb above FL310): OFF

Cruise

- Throttles: CRU detent or AS REQUIRED
- Pressurization: CHECK
- Fuel Transfer: VERIFY

Descent

- LH and RH WINDSHIELD ANTI-ICE Switches: BOTH ON
- Side Window Vent Knobs: CLOSED
- Pressurization: CHECK/SET LANDING ELEVATION
- ANTI-ICE Switches: AS REQUIRED
- APU: AS DESIRED
- Exterior Lights (FL180): AS REQUIRED
- Altimeter (transition level): SET

Approach

- Landing Data: CONFIRM
- Crew Briefing: COMPLETE
- Avionics/Flight Instruments: CHECK/SET
- Minimums: SET (RA/BARO)
- FUEL CROSSFEED Switch: OFF
- Exterior Lights: AS REQUIRED
- Flaps/Slats: AS REQUIRED
- Passengers: BRIEF
- Seats/Seat Belts/Shoulder Harnesses/Aft Divider Sliding Doors: CHECK/SECURE/LATCHED OPEN
- Passenger Advisory Lights: PASS SAFETY
- LH and RH IGNITION Switches: NORM
- Pressurization: ZERO DIFFERENTIAL at touchdown
- ENG SYNC Knob: OFF

Before Landing

- Landing Gear: DOWN and LOCKED (3 green lights)
- Flaps: AS REQUIRED
- Speed Brakes: RETRACTED (0%)
- EICAS: CHECK
- Airspeed: VREF
- Autopilot: OFF above minimum use height

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Landing

- Throttles: IDLE
- Speed Brakes: EXTEND at touchdown (100%)
- Elevator Control: FORWARD PRESSURE at touchdown
- Brakes: APPLY after nose wheel ground contact
- Thrust Reversers: DEPLOY after nose wheel ground contact
- Thrust Reversers: IDLE BY 65 KIAS

Shutdown

- Parking Brake: SET
- Anti-Ice Systems: ALL OFF
- Thrust Reversers: CUTOFF
- IRS Mode Control Knobs: OFF
- Passenger Advisory Lights: OFF
- Standby Gyro: CAGED
- STBY PWR: OFF
- Avionics Power/EICAS Switches: OFF
- EMERG LT Switch: ARM
- GRVTY XFLOW Switch: OFF
- APU MASTER Switch: OFF
- Exterior Lights: OFF
- BATT 1 and BATT 2 Switches: OFF

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