Citation Longitude (C700) V 2.0
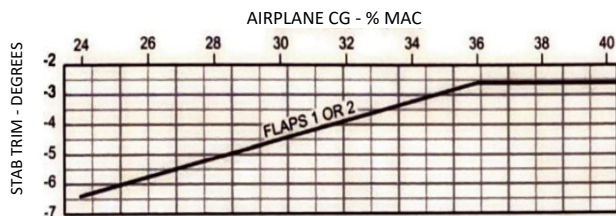
Cockpit Items

Circuit Breakers………………………………………………………In
STBY PWR Switch……………………………………………TEST/ON
BATT Buttons (both)……………………………………ON, Check Volts
EIS/CAS………………………………………………………………Check
Oxygen System…………………………………………………Check
Hydraulics Data…………………………………………………Check
APU……………………………………………………………………Start
APU GEN……………………………RESET/ON (at 100% APU RPM)
External Power……………………………………………Disconnected
Cockpit Controls…………………………………………Check/Set
Trims………………………………………………………Check/Set
Fuel Qty and CG…………………………………………………Check
Autopilot……………………………………………Engage/Disengage

AIRPLANE CG - % MAC

V Speeds for Takeoff

Weight (LBS)	24,000 - 28,000	28,001 - 32,000	32,001 - 33,500	33,501 - 36,500	36,501 - 39,500
RWY Length	≥ 4000 ft	≥4700 ft	≥5000 ft	≥5800 ft	≥7100 ft
V_1	99	109	114	121	128
V_R	103	112	115	122	128
V_2	117	124	126	131	137
V_{FTO}	185	185	185	185	185

Before Start

Parking Brake……………………………………………………Set
Wheel Chocks…………………………………………………Removed
Cabin Door/ Curtain…………………………………Closed/ Stowed
Passenger Briefing……………………………………………Complete
Seats, Pedals, Seat Belts……………………Adjusted/Fastened
SEAT BELTS Button………………………………………ON (Inop)
EIS/CAS……………………………………………………………Check
RECOG Lights………………………………………………………ON
Clear Behind………………………………………………………Check
Fuel Shutoff Valve…………………………………………………Check

Starting Engines

Beacon Light (ANTI COLL)…………………………………………ON
Throttles (both)……………………………………………………IDLE
Right Engine………………………………………………………Start
Right Engine Run/Stop………………………………RUN (at 20% N2)
Right Engine N1/ITT/N2/OIL PSI/OIL TEMP……………………Monitor
Left Engine…………………………………………………………Start
Left Engine Run/Stop………………………………RUN (at 20% N2)
Left Engine N1/ITT/N2/OIL PSI/OIL TEMP………………………Monitor
L GEN and R GEN…………………………………………RESET/ON
BUS TIE……………………………………………………………OPEN
APU GEN……………………………………………………………OFF

Before Taxi

Flight Controls……………………………………Free and Correct
APU……………………………………………………………………OFF
Speedbrakes………………………………………Check/Retracted
Flight Instuments/Avionics………………………………………Check
Ice Protection………………………………………………As Required

Before Takeoff

Flaps………………………………………………………Set for Takeoff
Speedbrakes……………………………………………………Retracted
Trims………………………………………………………Set for Takeoff
Ice Protection……………………………………Check, as Required
V Speeds…………………………………………………………Displayed
NAV Source…………………………………………………Cycle/FMS
SPD Knob……………………………………………………………MAN
Crew Briefing…………………………………………………Complete
Weather Radar………………………………………………As Required

CLEARED FOR TAKEOFF

Flight Controls……………………………………………………Free
Ice Protection…………………………………………As Required
Exterior Lights…………………………………………As Required
EIS/CAS……………………………………………………………Check

Specifications

Length……………………………………………………73 ft 2 in
Height……………………………………………………19 ft 5 in
Wingspan…………………………………………………68 ft 11 in
Max Limit Speed………………………………………0.84 Mach
Max Operating Altitude……………………………45,000 ft

After Takeoff/Climb

Landing Gear...UP
Flaps (at or above V_2 + 20)...UP
Throttles...CLB
Ice Protection (Above 400ft AGL)...............................As Required
Pressurization...Check
SEATBELTS Button..As Required (INOP)
Altimeters (at transition ALT)..Set
Exterior Lights..As Required

Descent

Pressurization LDG ELEV...Verify
Altimeters (at transition level)..Set
Exterior Lights..As Required

V Speeds for Approach/Land

Weight (LBS)	23,500	25,500	27,500	29,500	31,500	33,500
V_{REF}	104	108	112	116	121	125
V_{APP}	113	118	123	128	133	137

Approach

Landing Data ....Confirm
Ice Protection...As Required
Flight Instuments/ Avionics....................................Check/Set
Crew Briefing..Complete
Passenger Briefing...Complete
Seats/Seat Belts..Adjusted/Fastened
SEAT BELTS Button..ON (INOP)

Before Landing

Landing Gear.....................................Down (Confirm on MFD)
Flaps...FULL
Exterior Lights..As Required
Speedbrakes..Retracted
Auto Ground Spoilers..NORM
EIS/CAS..Check
Autopilot...Disengage
Autothrottle..Disengage
Airspeed...V_{REF}

After Landing

Thrust Reversers...Stow
Flaps..As Desired
Ice Protection...As Required
Exterior Lights..As Required

Shutdown/Quick Turn

Throttles...IDLE
Parking Brake..Set
Ice Protection..OFF
ENGINE RUN/STOP (LEFT and RIGHT)...............................STOP
SEAT BELTS button...OFF (INOP)
APU...Verify OFF
EIS/CAS...Check
Main Batteries...Verify Connected
STBY PWR Switch..Verify ON
APU..As Desired
APU GEN............................. If APU Started RESET/ON at 100% APU RPM
Return to Cockpit Items (if Quick Turn)

Continue With Shutdown

EMER LTS Switch...OFF
STBY PWR Switch..OFF
APU...OFF
APU Knob...OFF
Exterior Lights ....OFF
BATT Buttons (Left and Right)......................................OFF

Go-Around

TO/GA Button...Push
Throttles..TO
Pitch Attitude...7.5° Nose Up Initially
Flaps...2
Climb Speed...V_{APP} (Minimum)
Landing Gear...Up
Flaps (at of above V_{APP} + 10)..............................Up
SPD Knob...MAN (Set Desired SPD)
Throttles..As Required