



DEPARTAMENTO "SEGURIDAD OPERACIONAL"  
SUBDEPARTAMENTO "LICENCIAS"

**"CESSNA C680 CITATION SOVEREIGN PLUS"**

**N17EE**

**A. OPERATING LIMITS:**

<b>1.- Limitations Speed (KIAS)</b>	
V <sub>B</sub> (Turbulence)	<b>225</b>
V <sub>MO</sub> (below 8.000')	<b>270</b>
V <sub>MO</sub> (8.000 a 29.833')	<b>305</b>
M <sub>MO</sub> (Above 29.833')	<b>.80</b>
V <sub>FE</sub> (Flaps 1)	<b>250</b>
V <sub>FE</sub> (Flaps 2)	<b>200</b>
V <sub>FE</sub> (Flaps Full)	<b>175</b>
V <sub>LO</sub> /V <sub>LE</sub>	<b>210</b>
Max Speedbrake Extention	<b>NO LIMIT</b>
Min Speedbrake Extention	<b>V<sub>REF</sub> +15</b>
V <sub>TIRE</sub> (Ground Speed)	<b>182</b>
Max Tail Wind	<b>10</b>
Max Cross Wind	<b>25</b>
Min Speed Icing (Flap 0°)	<b>180</b>
Min S/E enroute climb (V <sub>ENR</sub> )	<b>180</b>

<b>2.- Fuel (U.S. GAL &amp; LBS)</b>	
Type to Utilize	<b>JET A / A-1</b>
Max Asymmetric Fuel Quantity	<b>400</b>
Max Asymmetric Fuel Emergency	<b>800</b>

<b>3.- Weight (LBS)</b>	
Maximum Ramp	<b>31.025</b>
Maximum TAKE-OFF	<b>30.775</b>
Maximum LANDING	<b>27.575</b>
MAX ZFW	<b>21.000</b>

<b>4.- Starter Limitations</b>	
After 1st start	<b>2 min.</b>
After 2nd start	<b>5 min.</b>
After 3rd start	<b>30 min.</b>

<b>5.- Altitude Limitation</b>	
Max Alt Ext Flaps	<b>18.000</b>
Max Operating Alt	<b>47.000</b>
Max Alt For T/O & Landing	<b>14.000</b>

<b>6.- Ground Power Unit Limit. For Starting</b>	
Max Current	<b>1500 amps</b>
Max Voltage	<b>28 v</b>

<b>7.- Auxiliary Power Unit</b>	
Max Alt for APU start is	<b>FL200</b>
Max Operating Alt for the APU is	<b>FL300</b>
Max Airspeed for APU starts is	<b>250</b>
Max operating Airspeed for the APU is	<b>305 / .80 M</b>

<b>8.- Fuel Limitations</b>	
Electric fuel boost pumps MUST be ON	<b>If less than 600Lbs. Remaining</b>

**B. EMERGENCY PROCEDURES:**

**1. APU FIRE.**

APU FIRE Button **PUSH**

**2. BATTERY O' TEMP L and / or R.**

BATT Button (affected side) **OFF**

**3. CABIN ALTITUDE.**

Oxygen Masks **DON AND 100%**

Left and Right MIC SEL **MASK**

Emergency Descent **AS REQUIRED**

**4. DEPLOY and EMERGENCY STOW.**

T/R EMER STOW Button (flashing button) **PUSH**

Throttle (affected engine) **IDLE**

Airspeed **REDUCE TO 150 KIAS MAXIMUM**

**5. EMERGENCY DESCENT.**

Initiate maximum rate of descent **SAFE ALTITUDE**

## 6. ENGINE FIRE L and / or R.

- Take off Below V1 or On the Ground:

Take off **ABORT**

- Take off Above V1 or in Flight at a Safe Altitude at or above 400 ft:

Throttle (affected engine) **IDLE**

ANTI-ICE WING/STAB XFLOW Button **XFLOW**

(If bleed air anti-ice system are on)

\*If ENG FIRE light still illuminated after 15 seconds:

Illuminated ENG FIRE Button **PUSH**

Either Illuminated BOTTLE ARMED Button **PUSH**

## 7. NO TAKE OFF.

- Speed Below V1 – Takeoff Rejected:

Take off **ABORT**

## 8. ENGINE FAILURE or other emergency during Takeoff.

- Speed Below V1:

Take off **ABORT**

- Speed at or Above V1 :

Climb to Safe Altitude

ANTI-ICE WING/STAB XFLOW Button **XFLOW**

(If bleed air anti-ice system are on)

**9. ENGINE FAILURE DURING FINAL APPROACH.**

Flaps **2**

Airspeed **V<sub>APP</sub>**

**10. DUAL ENGINE FLAMEOUT – CRUISE.**

Crew Oxygen Masks (If required) **DON**

**11. DUAL ENGINE FLAMEOUT – LOW ALTITUDE.**

Fuel **CHECK TANKS / QUANTITY**

FUEL BOOST PUMP Button (Both) **ON**

ENGINE RUN/STOP BUTTON **STOP**

**12. ENVIRONMENTAL SYSTEM SMOKE or ODOR.**

Oxygen Masks / Goggles **DON AND EMER**

**13. SMOKE REMOVAL.**

Oxygen Masks / Goggles **DON AND EMER**

**14. HYDRAULIC WHEEL BRAKE FAILURE.**

Brake Pedals **REMOVE FEET**

EMERGENCY BRAKE Handle **PULL AND HOLD UNTIL STOPPED**

**15. AILERON TRIM RUNAWAY.**

AP / TRIM / NWS DISC Button **PUSH AND HOLD**

**16. PRIMARY PITCH TRIM RUNAWAY.**

AP / TRIM / NWS DISC Button **PUSH AND HOLD**

**17. SECONDARY PITCH RUNAWAY.**

SECONDARY TRIM Button **OFF**

**18. JAMMED PITCH or ROLL CONTROL SYSTEM.**

Stabilizer Trim Switch **ACTUATE**

(to establish desired pitch attitude)

Control Wheel **RELAX PRESSURE**

PITCH / ROLL RECONNECT Handle **PULL UNTIL LATCHED**

Operative Flight Control Wheel **IDENTIFY, RECOVER AIRPLANE  
ATTITUDE**

**19. RUDDER TRIM RUNAWAY.**

AP / TRIM / NWS DISC Button **PUSH AND HOLD**

**20. NOSEWHEEL STEERING MALFUNCTION.**

AP / TRIM / NWS DISC Button **PUSH AND HOLD**

**21. INADVERTENT STALL (Buffet / Roll – Off).**

AP / TRIM / NWS DISC Button **PUSH**

Pitch Attitude **REDUCE**

Roll Attitude **WINGS LEVEL**

Throttles **TO DETENT**