



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“CITATION CJ1 525”

A.- Limitations

1.- Airspeed limitations	
	SPEED
MMO (Above 30,500 ft)	0.71 M.
VMO (S/L to 30,500 ft)	263 KIAS
Turbulence air penetration	180 KIAS
Vlo	186 KIAS
Vle	186 KIAS
Vmca	92 KIAS
Vmcg	95 KIAS
Max. Autopilot Op. Speed	263 KIAS

3.- Weigth

Max. Ramp Weight	10,700 lbs
Max.T.Off Weight	10,600 lbs
Max. Landing Weigth	9,800 lbs
Max. Zero Fuel Weight	8,400 lbs

4.- Electrical

Max.T° engine start	ISA+39° C
Max.airport elev.for batt.start	10,000 fts
Min. Batt. Voltage Batt. Start	24 VDC

2.- Enroute Operacional Limits

Max. Operating Altitude	41,000 FTS
Generator Load up 40000 ft	300 AMP

B.- Emergencies Procedures

1.- ENGINE FAILURE OR FIRE OR MASTER WARNING DURIN TAKEOFF

a.- Speed Below V1:

Brakes	AS REQUIRED
Throttles	IDLE
Speed brakes	EXTENDS

b.- Speed Above V1

Maintain Directional Control

Accelerate to Vr.

Rotate at Vr an Climb to V2

Gear UP (After Positive Rate of Climb)

At 400 feet or minimum safe altitude, retract the flaps at V2+10 or Venr, Whichever is lower, and accelerate to Venr, if required.

2. - ENGINE FAILURE DURING COUPLED APPROACH

Power (Operating Engine)	INCREASE AS REQUIRED
Airspeed	Vref+10 Kias

Accelerate to Vref + 10 before raising flaps

Flaps	TAKEOFF AND APPROACH
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3. - ENGINE FIRE (LH OR RH ENGINE FIRE WARNING LIGHTS/SWITCH ILLUMINATED)

Throttle (Affected Engine)	IDLE
If light Remains On	
Engine Fire Switch	LIFT COVER AND PUSH
Either Illuminated Bottle Armed Light	PUSH

4. – EMERGENCY RESTART – TWO ENGINES

Ignition	BOTH ON
Fuel Boost	BOTH ON
Throttles	IDLE
If Altitude Allows	INCREASE AIRSPEED TO 240 IAS

5. – ELECTRICAL SMOKE AND FIRE/SMOKE REMOVL/ENVIROMENTAL SMOKE AND ODOR

Oxygen Mask	DON & EMER
Oxygen Mic Switches	MIC OXY MASK

6. – CABIN DECOMPRESSION

Oxygen Mask	DON and 100% OXYGEN
Oxygen Microphone Switches	MIC OXY MASK
Emergency Descent	AS REQUIRED
Passenger Oxygen	ENSURE PASSENGERS ARE RECEIVING OXYGEN

7. – EMERGENCY DESCENT

AP/Trim Disengage Button	PRESS
Ignition	ON
Throttles	IDLE
Speed Brakes	EXTEND
Initiate Moderate Bank	
Airplane Pitch Attitude	APPROXIMATELY 15° NOSE DOWN

8. – BATTERY OVERHEAT

Amp/Volt	NOTE
Battery Switch	EMER
Amp/Volt	NOTE DECREASE

9. – AUTOPILOT MALFUNCION

Autopilot/Trim Disengage Switch	PRESS
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10. – EMERGENCY EVACUATION

Throttles	BOTH OFF
L/R Engine Fire Switches	BOTH PRESS
L/R Fire Bottle 1-2 Armed Switches	BOTH PRESS (If Fire Suspected)
Battery Switch	OFF
Airplane Outside	CHECK FOR BEST ESCAPE ROUTE
Move Away From Airplane	