DEPARTAMENTO "SEGURIDAD OPERACIONAL"
SUBDEPARTAMENTO "LICENCIAS"
SECCIÓN EVALUACIONES

"CESSNA CITATION CJ3 C-525"

SR. HERNÁN BRIONES

A.- OPERATING LIMITS

1.- Limitations (KIAS)

V_A (maximum)	200
V_{MO} (8000 TO 29.300)	278
M_{MO} (Above 30.500')	0,737
V_{FE} (up to 15°)	200
V_{FE} (Full Down) 35ª	161
V_{FE} (Ground 55°)	140
V_{LE}	200
V_{LO}	200
V_{SB}	NO LIMIT
V_{TIRE}	165
V_{MCA}	88
V_{MCG}	89
$V_{S\ (CLEAN,\ MTOW)}$	102
V_{SO} (Flaps 35°, Gear Down)	86
$V_{X\ (flaps\ 15)}$	110
$V_{Y\ (flaps\ 15)}$	160
V_{APP} (Full Flaps)	130
Max Cross Wind	21
Max Tail Wind	10

2.- Fuel (U.S. GAL)

Type to Utilize	JET-A1
Main Fuel System	4.710 lbs
Max Imbalance	200
Max Usable Fuel Quantity	4.710 Lbs
Max Emergency Imbalance	600

3.- Weight (LBS)

Maximum Ramp Weight	14.070
Maximum TOW	13.870
MAX Landing Weight	12.750
MAX ZFW	10.510

4.- Starter Limitations

3 Starts in 30 Min with 60 sec rest between starter.

B.- EMERGENCIES PROCEDURES

1.- ENGINE FAILURE DURING TAKEOFF SPEED BELOW V_1

Brakes	AS REQUIRED
Throttles	IDLE
Speed Brakes	EXTEND

2.- ENGINE FAILURE DURING TAKEOFF SPEED ABOVE V_1

Maintain Directional Control	
Airspeed	Accelerate to V_R
Rotate at	V_R, CLIMB AT V_2
Landing Gear	UP (after positive rate-of-climb)
Flaps	RETRACT (1500¨ AGL V_2 + 10 or V_{ENR})

3.- ENGINE FAILURE DURING FINAL APPROACH

Thrust (Operating Engine)	INCREASE
Airspeed	Vapp
Flaps	TAKEOFF AND APPROACH 15°

4.- ENGINE FIRE (LH OR RH ENGINE FIRE WARNING LIGHT/SWITCH ILLUMINATED)

Throttle (Affected Engine)	IDLE

a.- If Light Remains Illuminated:

Engine Fire Button	LIFT COVER and PUSH
Either Illuminated Bottle Armed Light	PUSH

5.- EMERGENCY RESTART – TWO ENGINES

L/R boost pump	BOTH ON
Throttles	OFF, THEN IDLE (24% N2 MAX)
If altitude Allows	INCREASE AIRSPEED TO 230 KIAS

6.- ENVIRONMENTAL SYSTEM SMOKE, ODOR, SMOKE REMOVAL, ELECTRICAL FIRE OR SMOKE

Oxygen Masks	DON and EMER
Microphone Select Sw	MIC OXY MASK

7.- CABIN ALT

(Cabin decompression, cabin altitude above normal limits)

Oxygen Masks	DON and 100% OXYGEN
Microphone Select Sw	MIC OXY MASK
Emergency Descent	AS REQUIRED
Passenger Oxygen	MAKE SURE PASSENGER ARE RECEIVING OXYGEN

8.- EMERGENCY DESCENT

Autopilot/Trim Disengage Button	PRESS AND RELEASE
Throttles	IDLE
Speed Brakes	EXTEND
Airplane Pitch Attitude	INITIALLY TARGET 7.5° NOSE DOWN

9.- BATTERY OVERHEAT

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

10.- AUTOPILOT MALFUNCTION

Autopilot/Trim Disengage Button	PRESS AND RELEASE

11.- EMERGENCY EVACUATION

Parking Brake	SET
Throttles	BOTH OFF
LH/LR Engine Fire Buttons	BOTH PRESS
Illuminated Bottle armed Buttons	BOTH PRESS
Battery Switch	OFF
Elt	ACTIVATE
Airplane And immediate area	CHECK FOR BEST ESCAPE ROUTE

a.- If Thru Cabin Door:

Cabin Door	OPEN
Move Away From Airplane	

b.- If Thru Emergency Exit:

Emergency Exit Door	REMOVE AND THROW EXIT DOOR OUT OF AIRPLANE.
Move away from airplane.	