



**DEPARTAMENTO “SEGURIDAD OPERACIONAL”  
SUBDEPARTAMENTO “LICENCIAS”  
SECCIÓN EVALUACIONES**

**“CESSNA CITATION CE-525 M2”**

**SR. ALDO PESCE C.**

**A.- OPERATING LIMITS**

**1.- Limitations (KIAS)**

V <sub>A</sub> (max at SL & mtow)	*203
V <sub>MO</sub> (SL to 30.500')	263
M <sub>MO</sub> (Above 30.500')	0,710
V <sub>FE</sub> (up to 15°)	200
V <sub>FE</sub> (Full Down) 35°	161
V <sub>FE</sub> (Flaps Failed 60°)	140
V <sub>LE</sub>	186
V <sub>LO</sub>	186
V <sub>SB</sub>	NO LIMIT
V <sub>TIRE</sub>	165
V <sub>MCA</sub>	---
V <sub>MCG</sub>	---
V <sub>S</sub> (CLEAN, MTOW)	---
V <sub>SO</sub> (Flaps 35°, Gear Down)	---
V <sub>X</sub> (flaps 15)	---
V <sub>Y</sub> (flaps 15)	---
V <sub>APP</sub> (Full Flaps)	---
Max XW for Gnd Starts	12
Max TO & LDG TW	10

**2.- Fuel (LBS)**

Type to Utilize	JET-A1
Max Imbalance	200
Max Usable Fuel Quantity	3.296
Max Emergency Imbalance	600

**3.- Weight (LBS)**

Maximum Ramp Weight	10.800
Maximum TOW	10.700
MAX Landing Weight	9.900
MAX ZFW	8.400

**4.- Engine Starter Limits**

Three (3) engine stars per 30 minutes.

## **B.- EMERGENCIES PROCEDURES**

### **1.- ENGINE FAILURE DURING TAKEOFF SPEED BELOW V<sub>1</sub>**

1.-Take off **Abort**

### **2.- ENGINE FAILURE DURING TAKEOFF SPEED ABOVE V<sub>1</sub>**

1.- **Climb to safe altitude**

2.-Wing Xflow Ice Protection Switch **ON**

### **3.- Electrical Fire or Smoke**

1.-Oxygen Mask(s)/Goggles **Don and EMER**

2.-MIC SELECT Switch(es) **OXY MASK**

### **4.- ENGINE FIRE L OR R**

1.- Throttle (Affected Engine) **IDLE**

If Light Remains Illuminated On after 15 seconds

2.-Illuminated ENG FIRE Button **PUSH**

If Light Remains Illuminated On after Additional 15 seconds

3.- Illuminated BOTTLE ARMED Button **PUSH**

## 5.- SMOKE REMOVAL

- |                           |              |
|---------------------------|--------------|
| 1.-Oxygen Mask(s)/Goggles | Don and EMER |
| 2.-MIC SELECT Switch(es)  | OXY MASK     |

## 6.- ENVIRONMENTAL SYSTEM SMOKE OR ODOR

- |                           |              |
|---------------------------|--------------|
| 1.-Oxygen Mask(s)/Goggles | Don and EMER |
| 2.-MIC SELECT Switch(es)  | OXY MASK     |

## 7.- CABIN ALTITUDE

### or Red Cabin Altitude Digits

- |                                   |  |
|-----------------------------------|--|
| 1.- Oxygen Mask(s)                | DON and 100%   |
| 2.- MIC SELECT Switches           | OXY MASK   |
| 3.- Emergency Descent             | AS REQUIRED  |
| 4.- Oxygen Control Valve Selector | MANUAL DROP, As Required<br>(ensure passengers are receiving oxygen) |

## 8.- EMERGENCY DESCENT

- 1.- Initiate maximum rate of descent to a safe altitude

## 9.- BATTERY OVERTEMP

- |                             |               |
|-----------------------------|---------------|
| 1.- MAIN BATT Amp and Volts | Note          |
| 2.- BATTERY Switch          | EMER          |
| 3.- MAIN BATT Volts and Amp | Note Decrease |

## 10.- AUTOPILOT MALFUNCTION

- |                         |      |
|-------------------------|------|
| 1.- AP/TRIM DISC Button | PUSH |
|-------------------------|------|

## 11.- EMERGENCY EVACUATION

- |   |   |
|---|---|
| 1.- Parking Brake                           | Set   |
| 2.- Throttles (both)                        | OFF   |
| 3.- ENG FIRE Buttons (both)                 | Push  |
| 4.- BOTTLE ARMED Button (if fire suspected) | Push  |
| 5.- ELT Switch                              | ON as Required                                  |
| 6.- BATTERY Switch                          | OFF   |
| 7.- Airplane and Immediate Area             | Determine Escape Route and<br>Direct Evacuation |
| 8.- Move away from airplane                 |   |