



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

**“CESSNA 525A CITATION CJ2 (C25A)”**

**“TRANSPORTES AÉREOS INCA LTDA.”**

**A.- OPERATING LIMITS**

<b>1.- Limitations (KIAS)</b>	
VA (maximum)	<b>200</b>
VMO (UP TO 30.500')	<b>275</b>
MMO (Above 30.500')	<b>0,72</b>
VFE (up to 15°)	<b>200</b>
VFE (Full Down)	<b>161</b>
VFE (Ground Flaps)	<b>PROHIBITT</b>
VLE	<b>275</b>
VLO (EXTENDING)	<b>250</b>
VSb	<b>NO LIMIT</b>
VTIRE (Ground Speed)	<b>165</b>
Max Cross Wind	<b>12</b>
Max Tail Wind	<b>10</b>

<b>2.- Fuel (U.S. GAL)</b>	
Type to Utilize	<b>JET A1</b>
Main Fuel System	<b>3.960</b>
Max Usable Fuel Quantity	<b>3.960</b>

<b>3.- Weight (LBS)</b>	
Maximum TAKE-OFF	<b>12.375</b>
Maximum LANDING	<b>11.500</b>
MAX ZFW	<b>9.300</b>
MAX Baggage Compartment	<b>600</b>

<b>4.- Starter Limitations</b>					
<b>30</b>	<b>SEC</b>	<b>ON</b>	<b>60</b>	<b>SEC</b>	<b>OFF</b>
<b>30</b>	<b>SEC</b>	<b>ON</b>	<b>60</b>	<b>SEC</b>	<b>OFF</b>
<b>30</b>	<b>SEC</b>	<b>ON</b>	<b>30</b>	<b>MIN</b>	<b>OFF</b>

## **B.- EMERGENCIES PROCEDURES**

### **1.- ENGINE FAILURE OR FIRE OR MASTER WARNING DURING TAKEOFF SPEED BELOW V1**

Brakes	<b>AS REQUIRED</b>
Throttles	<b>IDLE</b>
Speed Brakes	<b>EXTEND</b>

### **2.- ENGINE FAILURE OR FIRE OR MASTER WARNING DURING TAKEOFF SPEED BELOW V1**

Maintain Directional Control.

Accelerate to	<b>Vr</b>
Rotate at	<b>Vr, CLIMB AT V2</b>
Landing Gear	<b>UP (after positive rate-of-climb)</b>
At 400 Feet AGL	<b>Retract flaps at V2+10 and accelerate to Venr</b>

### **3.- ENGINE FAILURE DURING COUPLED APPROACH**

Power (Operating Engine)	<b>INCREASE as required</b>
Airspeed	<b>Vapp</b>
Flaps	<b>Approach</b>

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

Throttle (Affected Engine) **IDLE**

**a.- If Light Remains ON:**

Engine Fire Switch **LIFT COVER and PUSH**

Either Illuminated Bottle Armed Light **PUSH**

**5.- EMERGENCY RESTART – TWO ENGINES**

Ignition **BOTH ON**

Fuel Boost Pumps **BOTH ON**

Throttles **IDLE**

If altitude Allows **INCREASE AIRSPEED TO 200  
KIAS**

**6.- ELECTRICAL FIRE OR SMOKE**

Oxygen Masks **DON and 100% OXYGEN**

Oxygen Microphone Switches **MIC OXY MASK**

**7.- ENVIRONMENTAL SYSTEM SMOKE OR ODOR**

Oxygen Masks **DON and 100% OXYGEN**

Oxygen Microphone Switches **MIC OXY MASK**

## 8.- SMOKE REMOVAL

Oxygen Masks	<b>DON and 100% OXYGEN</b>
Oxygen Microphone Switches	<b>MIC OXY MASK</b>

## 9.- CABIN DECOMPRESSION (INDICATED BY CAB ALT 10.000 FEET WARNING LIGHT ON AND MASTER WARNING)

Oxygen Masks	<b>DON</b>
Oxygen Microphone Switches	<b>MIC OXY MASK</b>
Emergency Descent	<b>AS REQUIRED</b>
Passenger Oxygen	<b>ENSURE passengers are receiving oxygen</b>

## 10.- EMERGENCY DESCENT

Autopilot/Trim Disengage Switch	<b>PRESS</b>
Throttles	<b>IDLE</b>
Speed Brakes	<b>EXTEND</b>
Airplane Pitch Attitude	<b>APPROXIMATELY 20° NOSE DOWN</b>

## 11.- BATTERY OVERHEAT (BATT O'TEMP WARNING LIGHT ON AND MASTER WARNING)

Volt/Amp	<b>NOTE</b>
Battery Switch	<b>EMER</b>
Volt/Amp	<b>NOTE DECREASE</b>

## 12.- AUTOPILOT MALFUNCTION

Autopilot/Trim Disengage Button **PRESS**

## 13.- EMERGENCY EVACUATION

Throttles **BOTH OFF**

LH/LR Engine Fire Switches **BOTH PRESS**

Fire Bottle 1 and 2 Armed Switches **BOTH PRESS**

Battery Switch **OFF**

Airplane Outside **CHECK FOR BEST ESCAPE  
ROUTE**

### a.- If Thru Cabin Door:

Cabin Door **OPEN**

Move Away From **AIRPLANE**

### b.- If Thru Escape Hatch:

Escape Hatch **REMOVE AND THROW HATCH  
OUT OF AIRPLANE**

Move Away From **AIRPLANE**