



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

**“CESSNA C150L”  
“CC-ALM”**

NOMBRE : \_\_\_\_\_ FIRMA: \_\_\_\_\_

FECHA : \_\_\_\_\_

**A.- Limitaciones de Operación**

**1.-Velocidades (MPH)**

Va	109
Vne	162
Vno	120
Vfe	100
Vs	55
Vso	48
Vx	70
Vy (SL)	76
Vr	55
Vapp/Flaps Down	60-70
Vglide	70

**2.-Combustible (U.S GAL)**

Tipo	100LL
Capacidad Total	26
Capacidad Usable	22,5

**3.-Aceite (U.S QTS)**

Capacidad	6
Mínimo Operación	4

**4.-Peso en LBS**

Máx. Despegue	1600
Máx. Equipaje	120

**5.-Motor (Potencia Máxima Continua)**

<b>Limitaciones Operativas Del Motor</b>	
Razón BHP o HP	100
Máximas RPM	2750
<b>RPM Estáticas</b>	
Mínima	2000
Máxima	2550
<b>T° de Aceite en °F</b>	
Mínima	Arco Verde
Máxima	240
<b>Presión de Aceite (PSI)</b>	
Mínimo	10
Operación Normal	30-60
Máximo	100

**6.-Límites de Maniobra (Categoría Normal)**

MANIOBRA	MPH
Spin (Flaps Up)	Slow Deceleration
Stall	Slow Deceleration
Escarpados	109
Ocho Flojo	109
Chandela	109

## **B.- Emergency Procedures**

### **1.- ENGINE FAILURE DURING TAKEOFF ROLL**

Throttle Control	<b>IDLE</b>
Brakes	<b>APPLY</b>

### **2. - ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF**

#### **WITH ENOUGH RUNWAY:**

Nose	<b>DOWN</b>
Airspeed	<b>70 MPH</b>
Wing Flaps	<b>AS REQUIRED (FULL RECOMMENDED)</b>

#### **NOT ENOUGH RUNWAY:**

Nose	<b>DOWN</b>
Airspeed	<b>70 MPH</b>
Throttle Control	<b>IDLE</b>
Mixture Control	<b>IDLE CUTOFF</b>
Fuel Shutoff Valve	<b>OFF (VERTICAL)</b>
Magnetos Switch	<b>OFF</b>
Master Switch	<b>OFF</b>

### **3. - ENGINE FAILURE DURING FLIGHT (Restart Procedure)**

Airspeed	<b>70 MPH</b>
Fuel Shutoff Valve	<b>ON (HORIZONTAL)</b>
Mixture Control	<b>RICH</b>
Carb. Heat	<b>ON (PULL FULL OUT)</b>
Primer	<b>IN &amp; LOCKED</b>
Magnetos Switch	<b>BOTH OR START</b>

#### 4. - FIRE DURING START ON GROUND

Magnetos Switch	<b>START (CONTINUE CRANKING)</b>
<i>IF ENGINE STARTS:</i>	
Power	<b>1800 RPM for a few minutes</b>
Engine	<b>SHUTDOWN and inspect for damage</b>
<i>IF ENGINE FAILS TO START:</i>	
Throttle Control	<b>FULL</b>
Mixture Control	<b>IDLE CUTOFF</b>
Cranking	<b>CONTINUE</b>
Fuel Shutoff Valve	<b>OFF (VERTICAL)</b>
Magnetos Switch	<b>OFF</b>
Master Switch	<b>OFF</b>

#### ***ABANDON THE AIRCRAFT***

*Remember that the extinguisher should be directed to the filter of the carburetor and the tailpipes. Don't open hoods to avoid oxygenate the fire.*

#### 5. – ENGINE FIRE IN FLIGHT

Mixture Control	<b>IDLE CUTOFF</b>
Fuel Shutoff Valve	<b>OFF (VERTICAL)</b>
Master Switch	<b>OFF</b>
Vents, Cabin Air, Heat	<b>CLOSED</b>

#### 6. - ELECTRICAL FIRE IN FLIGHT

Master Switch	<b>OFF</b>
Electrical Equipment	<b>OFF</b>
Vents, Cabin Air, Heat	<b>CLOSED</b>
Fire Extinguisher	<b>ACTIVATE</b>