



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

**“CESSNA C-150M”**

**“CC – LBJ”**

**A.- LIMITACIONES DE OPERACIÓN**

**1.- Limitaciones (Velocidades)**

	<b>KIAS</b>
Va	<b>97</b>
Vne	<b>141</b>
Vno	<b>107</b>
Vfe 10°	<b>85</b>
Vs	<b>47</b>
Vso	<b>42</b>
Vx	<b>56</b>
Vy	<b>68</b>
Vr	<b>50</b>
Vapp (Flap DN)	<b>55</b>
Vplaneo	<b>60</b>
Max Cross Wind Kts	<b>13</b>

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

Tipo a Utilizar	<b>100/130</b>
Capacidad Total	<b>38 Gal.</b>
Capacidad Usable	<b>35 Gal</b>
<b>Presión de Combustible (PSI)</b>	
Mínima	<b>--</b>
Máxima	<b>--</b>

**3.- Pesos (LBS)**

Máximo TAKE-OFF	<b>1.600 lbs</b>
Máximo Equipaje	<b>120 lbs</b>

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

<b>Limitaciones Operativas de Motor</b>	
Razón HP o BHP	<b>100</b>
Máximas RPM	<b>2.750</b>
<b>RPM estáticas</b>	
Máximas	<b>2.560</b>
Mínimas	<b>2.460</b>
<b>Temperatura de aceite (°F)</b>	
Máxima	<b>240° F</b>
Mínima	<b>100° F</b>
<b>Presión de aceite (PSI)</b>	
Máxima	<b>100 psi</b>
Mínima	<b>10 psi</b>

**5.- Límites de maniobras (Cat. Normal)**

<b>MANIOBRA</b>	<b>KIAS</b>
Spin (Flaps UP)	<b>Slow deceleration</b>
Escarpados	<b>95</b>
Ocho Flojo	<b>95</b>
Chandela	<b>95</b>

## **B.- EMERGENCIES PROCEDURES**

### **1. ENGINE SHUTDOWN**

Mixture	<b>IDLE CUT- OFF</b>
Selector Fuel Valve	<b>OFF</b>
Magneto Switch	<b>OFF</b>

### **2. ENGINE FAILURE DURING TAKEOFF RUN (Not airborne)**

Throttle	<b>CLOSE IMMEDIATELY</b>
Brakes	<b>APPLY AS REQUIRED</b>
Engine Shutdown	<b>OFF</b>

### **3. ENGINE FAILURE AFTER TAKEOFF (If Airborne)**

Airspeed	<b>60 KIAS</b>
Mixture	<b>IDLE CUT-OFF</b>
Fuel Shutoff Valve	<b>OFF</b>
Magneto Swich	<b>OFF</b>
Wing Flaps	<b>AS REQUIRED</b>
Master Switch	<b>OFF</b>

#### **4. ENGINE FAILURE DURING FLIGHT**

Airspeed	<b>60 KIAS</b>
Fuel Selector Valve	<b>ON</b>
Mixture	<b>RICH</b>
Throttle	<b>OPEN</b>
Carburetor Heat	<b>ON</b>
Master Switch	<b>ON</b>
Magneto Switch	<b>BOTH</b>
Primer	<b>LOCKED</b>

#### **5. FIRE DURING START ON GROUND.**

Mixture	<b>IDLE CUT- OFF</b>
Throttle	<b>CLOSE IMMEDIATELY</b>
Starter	<b>CONTINUE CRANKING</b>
Master Switch	<b>OFF</b>
Fuel selector Valve	<b>OFF</b>
Magneto Switch	<b>OFF</b>
Abandon Airplane	<b>EXTINGUISHER USE</b>
Fire Damage	<b>INSPECT</b>

## 6. ENGINE FIRE IN FLIGHT

Mixture	<b>IDLE CUT-OFF</b>
Fuel Selector	<b>OFF</b>
Magneto Switch	<b>OFF</b>
Master Switch	<b>OFF</b>
Forced Landing	<b>EXECUTE FORCED LANDING</b>