



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

**“CESSNA C-150F”  
CLUB AEREO LOS ANGELES  
“CC-PGU”**

**A.- Limitaciones Operacionales**

**1.- Limitaciones de velocidad (MPH)**

Va	<b>109</b>
Vne	<b>162</b>
Vno	<b>120</b>
Vfe	<b>100</b>
Vs	<b>55</b>
Vso	<b>48</b>
Vx	<b>52</b>
Vy	<b>72</b>
Vr	<b>50</b>
Vapp (Flap DN)	<b>60-70</b>
Vplaneo	<b>65</b>
Max Viento Cruzado	<b>12</b>

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

Tipo a Usar	<b>100 LL</b>
Capacidad Total	<b>38</b>
Capacidad Usable	<b>35</b>
<b>2.1 Aceite (QTS)</b>	
Capacidad	<b>6</b>
Capacidad con filtro	<b>7</b>

**3.- Peso (LBS)**

Máximo de despegue	<b>1600</b>
Máximo Equipaje	<b>120</b>

**4.- Motor (Maximum Continuous Power)**

<b>Limitación de Motor</b>	
Razón HP o BHP	<b>100</b>
Máxima RPM	<b>2750</b>
<b>Static RPM</b>	
Máximo	<b>2475</b>
Mínimo	<b>2375</b>
<b>Oil Temperatura (°F)</b>	
Operación Normal	<b>Arco Verde</b>
Máximo	<b>Línea Roja</b>
<b>Presión de Aceite (PSI)</b>	
Máximo	<b>100</b>
Operación Normal	<b>30-60</b>
Mínimo	<b>10</b>

**5.- Limite de Maniobras**

<b>MANIOBRAS</b>	<b>IAS(MPH)</b>
Spins (Flaps UP)	<b>Slow deceleration</b>
Stalls (Except Whip Stalls)	<b>Slow Deceleration</b>
Escarpados	<b>109</b>
Ocho Flojo	<b>109</b>
Chandela	<b>109</b>

**B.- PROCEDIMIENTOS DE EMERGENCIA:**

**1.- ENGINE FAILURE DURING TAKEOFF RUN:**

- |                        |                     |
|------------------------|---------------------|
| 1. Throttle            | <b>IDLE</b>         |
| 2. Brakes              | <b>APPLY</b>        |
| 3. Wing Flaps          | <b>RETRACT</b>      |
| 4. Mixture             | <b>IDLE CUT-OFF</b> |
| 5. Ignition Switch     | <b>OFF</b>          |
| 6. Master Switch       | <b>OFF</b>          |
| 7. Fuel Selector Valve | <b>OFF</b>          |

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

- |                     |                                   |
|---------------------|-----------------------------------|
| Airspeed            | <b>65 KIAS</b>                    |
| Mixture             | <b>IDLE CUT-OFF</b>               |
| Wing Flaps          | <b>AS REQUIRED</b>                |
| Ignition Switch     | <b>OFF</b>                        |
| Master Switch       | <b>OFF</b>                        |
| Fuel Selector Valve | <b>OFF</b>                        |
| Doors               | <b>UNLATCH PRIOR TO TOUCHDOWN</b> |

**3. - ENGINE FAILURE DURING FLIGHT:**

Airspeed	<b>70 MPH</b>
Fuel Selector Valve	<b>BOTH</b>
Mixture	<b>RICH</b>
Carburetor Heat	<b>OPEN</b>
Master Switch	<b>ON</b>
Primer	<b>IN AND LOCKED</b>
Ignition Switch	<b>BOTH (OR START IF PROPELLER IS STOPPED)</b>

**4. - ENGINE FIRE IN FLIGHT:**

Mixture	<b>IDLE CUT-OFF</b>
Fuel Selector Valve	<b>OFF</b>
Master Switch	<b>OFF</b>
Cabin Heat and Air	<b>OFF</b>
Airspeed	<b>100 MPH (IF FIRE IS NOT EXTINGUISHED, INCREASE GLIDE SPEED TO FIND AN AIRSPEED WHICH WILL PROVIDE AN INCOMBUSTIBLE MIXTURE)</b>
Forced Landing	<b>EXECUTE</b>