



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

**“CESSNA C-210N CENTURION”**  
**(CC-PIS)**

**A.- Limitaciones de Operación**

1.- Limitaciones (Velocidades)

	KIAS
Va	130
Vne	203
Vno	168
Vfe 10°	160
Vlo	165
Vle	203
Vs	74
Vso	58
Vx (SL)	82
Vy (SL)	97
Vr	65-70
Vapp (Flap DN)	70-80
Vplaneo	88
Max Cross Wind	21

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100 LL
Capacidad Total Std	90
Capacidad Usable Std	89
Presión de Combustible (PSI)	
Mínima	3.0
Máxima	19.5

3.- Pesos (LBS)

Máximo TAKE-OFF	4.000
Máximo Equipaje	200

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	310
Máximas RPM	2.700
Cylinder Head Temperatura (°F)	
Máximas	460
Mínimas	200
Temperatura de aceite (°F)	
Máxima	240
Mínima	100
Presión de aceite (PSI)	
Máxima	100
Mínima	10

5.- Límites de maniobras (Cat. Normal)

MANIOBRA	KIAS
Spin (Flaps UP)	<b>Prohibit</b>
Escarpados	130
Ocho Flojo	130
Chandela	130

## **B.- Emergencies Procedures**

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

Throttle	<b>IDLE</b>
Brakes	<b>APPLY</b>
Wing Flaps	<b>RETRACT</b>
Mixture	<b>IDLE CUT-OFF</b>
Ignition Switch	<b>OFF</b>
Master Switch	<b>OFF</b>

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

Airspeed	<b>85 KIAS</b>
Mixture	<b>IDLE CUT-OFF</b>
Fuel Shutoff Valve	<b>OFF</b>
Ignition Switch	<b>OFF</b>
Wing Flaps	<b>AS REQUIRED</b>
Master Switch	<b>OFF</b>

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

Airspeed	<b>85 KIAS</b>
Auxiliary Fuel Pump	<b>ON</b>
Fuel Selector Valve	<b>OPPOSITE TANK</b>
Throttle	<b>HALF OPEN</b>
Auxiliary Fuel Pump	<b>OFF</b>
Mixture	<b>LEAN</b>

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

Ignition Switch	START
Auxiliary Fuel Pump	OFF

If Engine Starts:

Power	1.700 RPM for a few minutes
Engine	SHUTDOWN and inspect for damage

If engine fails to start:

Ignition Switch	START
Throttle	FULL OPEN
Mixture	IDLE CUT-OFF
Fire Extinguisher	OBTAIN
Engine	SECURE
Ignition Switch	OFF
Master Switch	OFF
Fuel Selector Valve	OFF
Fire	EXTINGUISH
Fire Damage	INSPECT

#### 5. - ENGINE FIRE IN FLIGHT

Mixture	IDLE CUT-OFF
Fuel Selector Valve	OFF
Master Switch	OFF
Cabin Heat and Air	OFF
Airspeed	120 KIAS
Forced Landing	EXECUTE