



**DEPARTAMENTO "SEGURIDAD OPERACIONAL"**  
**SUBDEPARTAMENTO "LICENCIAS"**  
**SECCIÓN EVALUACIONES**

**"CESSNA T-210N CENTURION"**  
**(CC-PPE 1983)**

**A.- Limitaciones de Operación**

1.- Limitaciones (Velocidades - KIAS)

Va 2700/3350/4000 lbs.	106/119/130
Vne	203
Vno	168
Vfe 10°	160
Vlo	165
Vle	203
Vs	74
Vso	58
Vx (SL)	82
Vy (SL)	100
Vr	65-70
Vapp (Flap DN)	70-80
Vplano 2700/3350/4000 lbs.	72/80/88
Max Cross Wind	21

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total Std	90+32
Capacidad Usable Std	87
Presión de Combustible (PSI)	
Mínima	3,0
Máxima	19,5

3.- Pesos (LBS)

Máximo TAKE-OFF	4000
Máxima Equipaje	370

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	310/285
Máximas RPM	2700/2600
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
Spins	NO APPROVE
Escarpados	130
Ocho Flojo	130
Chandela	130

## B.- Emergencies Procedures

### 1. - ENGINE FAILURE DURING TAKEOFF RUN

Throttle	Idle
Brakes	Apply
Wing Flaps	Retract
Mixture	Idle Cut-Off
Ignition Switch	Off
Master Switch	off

### 2. - ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	85 KIAS
Mixture	Idle Cut-Off
Fuel Shutoff Valve	Off
Ignition Switch	Off
Wing Flaps	As Required (30° recomm.)
Master Switch	Off

### 3. - ENGINE FAILURE DURING FLIGHT

Airspeed	85 KIAS
Fuel Selector Valve	Both on
Auxiliary Fuel Pump	On
Throttle	Half Open
Mixture	Lean from rich until restart occurs

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

Ignition Switch	Start
Auxiliary Fuel Pump	Off
If Engine Starts:	
Power	1700 RPM for a few minutes
Engine	SHUTDOWN and inspect for damage
If engine fails to start:	
Ignition Switch in START	Continue Cranking
Throttle	Full Open
Mixture	Idle Cut-Off
Fire Extinguisher	Obtain
Engine	Secure
Ignition Switch	OFF
Master Switch	OFF
Fuel Selector Valve	OFF (Pull Out)
Fire	Extinguish
Fire Damage	Inspect

#### 5. - ENGINE FIRE IN FLIGHT

Mixture	Idle Cut-Off
Fuel Selector Valve	Off (Pull Out)
Master Switch	Off
Cabin Heat and Air	Off
Airspeed	120 KIAS
Forced Landing	Execute