



"CESSNA T210M CENTURION"

"CARABINEROS DE CHILE"

NOMBRE: _____ FIRMA: _____

FECHA: _____

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	CIAS
Va	119
Vne	195
Vno	165
Vfe 10°	140
Vlo	140
Vle	140
Vs	65
Vso	56
Vx (SL)	80
Vy (SL)	97
Vr	60-70
Vapp (Flap DN)	70-80
Vplaneo	85
Max Cross Wind	21

4.- Motor (Potencia máxima continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	285
Máximas RPM	2.850
Cylinder Head Temperature (°F)	
Máximas	460
Mínimas	200
Temperatura de aceite (°F)	
Máximas	240
Mínimas	100
Presión de Aceite	
Máximas	100
Mínimas	10

2.- Combustible

Tipo a utilizar	100/130
Capacidad total Std	90
Capacidad Usable Std	89
Presión de Combustible (PSI)	
Mínima	4.0
Máxima	19.5

5.- Límites de maniobras (Cat. Normal)

MANIOBRA	CIAS
Spin (Flaps UP)	Prohibit
Escarpados	119
Ocho flojo	119
Chandela	119

3.- Pesos

Máximo TAKE-OFF	3.800
Máximo Equipaje	240

B.- Emergencies Procedures

1.- ENGINE FAILURE DURING TAKEOFF RUN

Throttle	IDLE
Brakes	APPLY
Wings 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 Selector Valve	OFF
Ignition Switch	OFF
Wing Flaps	AS REQUIRED (30° Recommended)
Master Switch	OFF

3.- ENGINE FAILURE DURING FLIGHT

Airspeed	85 KIAS
Fuel Quantity	CHECK
Fuel Selector Valve	FULLER TANK
Mixture	RICH
Auxiliary Fuel Pump	ON (3-5 Second with throttle ½ open; then OFF)
Ignition Switch	BOTH (or START if propeller is stopped)
Throttle	SLOWLY ADVANCE

4.- FIRE DURING START ON GROUND

Ignition Switch **START**

Auxiliary Fuel Pump **OFF**

If engine starts:

Power **1.700 RPM for few minutes**

Engine **SHUTDOWN**

If engine fails to start:

Ignition Switch **START**

Throttle **FULL OPEN**

Mixture **IDLE CUT-OFF**

Fire Extinguisher **OBTAIN**

Engine **SECURE**

a.- Ignition Switch: **OFF**

b.- Master Switch: **OFF**

c.- Fuel Selector Valve: **OFF**

Fire **EXTINGUISH**

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**