



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”

“CESSNA 172R (1996)”

CC-PJL

“CLUB AÉREO DE LOS ANDES”

NOMBRE : _____ FIRMA: _____

FECHA : _____

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	MPH
Va	99
Vne	163
Vno	129
Vfe	85
Vs	43
Vso	33
Vx	60
Vy	79
Vr	55
Vapp (Flap DN)	60-70
Vplaneo	65
Max Cross Wind	15

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	160
Máximas RPM	2400
RPM Estáticas	
Máximas	2.165
Mínimas	2.065
Temperatura de Aceite (°F)	
Máxima	245
Mínima	100
Presión de Aceite	
Máxima	115
Mínima	20

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	56
Capacidad Usable	53
Presión de Combustible PSI	
Mínima	N/A
Máxima	N/A

5.- Límites de Maniobras (Cat. Normal)

MANIOBRA	KIAS
Spin (Flaps UP)	Slow deceleration
Escarpados	95
Ocho Flojo	105
Chandella	105

3.- Pesos (LBS)

Máximo TAKE-OFF	2450
Máximo Equipaje	120
Peso Vacío	1600

B.- Emergencies Procedures

1.- ENGINE FAILURE DURING TAKE- OFF ROLL

Throttle	IDLE
Brakes	APPLY
Wing Flaps	RETRACT
Mixture	IDLE CUT OFF
Ignition Switch	OFF
Master Switch	OFF

2. – ENGINE FAILURE IMMEDIATELY AFTER TAKE-OFF

Airspeed	65 KIAS
Mixture	IDLE CUT OFF
Fuel Shutoff Valve	OFF
Ignition Switch	OFF
Wing Flaps	AS REQUIRED
Master Switch	OFF
Cabin Door	OFF
Land	UNLATCH STRAIGHT AHEAD

3. ENGINE FAILURE DURING FLIGHT

Airspeed	65 KIAS
Fuel Shutoff Valve	ON
Fuel Selector Valve	BOTH
Auxiliary Fuel Pump Switch	ON
Mixture	RICH
Ignition Switch	BOTH
Auxiliary Fuel Pump Switch	OFF

4. ENGINE FIRES DURING START ON GROUND

Ignition Switch **START**

a.- If engine starts

Power **1700 RPM**

Engine **SHUTDOWN**

b.- If engine fails to start:

Throttle **FULL OPEN**

Mixture **IDLE CUT OFF**

Cracking **CONTINUE**

Fuel Shutoff Valve **OFF**

Auxiliary Fuel Pump Switch **OFF**

Fire Extinguisher **OBTAIN**

Engine **SECURE**

Master Switch **OFF**

Ignition Switch **OFF**

Parking Brake **RELEASE**

Airplane **EVACUATE**

Fire **EXTINGUISH**

Fire Damage **INSPECT**

5. ENGINE FIRE IN FLIGHT

Mixture **OFF**

Fuel Shutoff Valve **OFF**

Auxiliary Fuel Pump Switch **OFF**

Master Switch **OFF**

Cabin Heat and Air **OFF**

Airspeed **100 KIAS**

Forced Landing **EXECUTE**