



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

**“CESSNA C-172R- XPII”  
“ARCHIPILEAGOS LTDA.”**

NOMBRE : \_\_\_\_\_ FIRMA: \_\_\_\_\_

FECHA : \_\_\_\_\_

**A.- Limitaciones de Operación**

**1.- Limitaciones (Velocidades)**

	MPH
Va	104
Vne	163
Vno	129
Vfe 10°	110
Vs	46
Vso	38
Vx	57
Vy	78
Vr	58
Vapp (Flap DN)	60-70
Vplaneo 2.250 lbs	75
Max Cross Wind	20

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

Tipo a Utilizar	100/130
Capacidad Total	68
Capacidad Usable	66

**3.- Pesos (LBS)**

Máximo TAKE-OFF	2.550
Vacio	200

**4.- Motor Potencia Max.Continúa**

**Limitaciones Operativas de Motor**

Razón HP o BHP	195
Máximas RPM	2.600
<b>RPM Estáticas</b>	
Máximas	2.600
Mínimas	2.200
<b>Temperatura Cabeza de Cilindro (°F)</b>	
Máxima	460
Mínima	200
<b>Temperatura de Aceite (°F)</b>	
Máxima	240.
Mínima	100
<b>Presión de Aceite (°F)</b>	
Máxima	100
Mínima	10

**5.- Limites de maniobras (Cat. Normal)**

MANIOBRA	KIAS
Spin (Flaps UP)	slow deceleration
Escarpados	104
Ocho Flojo	110
Chandela	110

## B.- Emergencies Procedures

### 1.- ENGINE FAILURE DURING TAKEOFF RUN

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

### 2. - ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	70 KIAS (FLAPS UP) 65 KIAS (FLAPS DN)
Mixture	IDLE CUT OFF
Fuel Shutoff Valves	OFF (PULL OUT)
Ignition Switch	OFF
Wing Flaps	AS REQUIRED
Master Switch	OFF

### 3. - ENGINE FAILURE DURING FLIGHT

Airspeed	75 KIAS
Primer	IN AND LOCKED
Fuel Shutoff Valve	ON (PUSH FULL IN)
Fuel selector Valve	BOTH
Mixture	RICH
Throttle	½" OPEN
Auxiliary Fuel Pump	LOW for 3-5 seconds then OFF
Ignition Switch	BOTH (or Start if Propeller is stopped)

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

Auxiliary Fuel Pump	OFF
Mixture	IDLE CUT OFF
Parking Brake	RELEASE
Fire Extinguisher	OBTAIN
Airplane	EVACUATE
Fire	EXTINGUISH
Fire damage	INSPECT

#### 5. - ENGINE FIRE IN FLIGHT

Throttle	CLOSE
Mixture	IDLE CUT OFF
Fuel Shutoff Valve	OFF
Master Switch	OFF
Cabin Heat and Air	OFF
Airspeed	105 KIAS
Forced Landing	EXECUTE