



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
“SUBDEPARTAMENTO “LICENCIAS”

“CESSNA SKYHAWK C-172R NAV IIP”
“AEROSERVICIO S.A.”

A.- LIMITACIONES DE OPERACIÓN

1.- Limitaciones (Velocidades)

	KIAS
Va	99
Vne	163
Vno	129
Vfe 10°	110
Vs	44
Vso	33
Vx	60
Vy	79
Vr	55
Vapp (Flap DN)	60-70
Vplaneo	65
Max Cross Wind	15

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	56
Capacidad Usable	53
Flujometro (GPH)	
Desde	0
Hasta	11

3.- Pesos (LBS)

Máximo TAKE-OFF	2.450
Máximo Equipaje	120

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	160
Máximas RPM	2.400
RPM estáticas	
Máximas	2.165
Mínimas	2.065
Temperatura de aceite (°F)	
Máxima	245
Mínima	100
Presión de aceite (PSI)	
Máxima	115
Mínima	20

5.- Límites de maniobras (Cat. Normal)

MANIOBRA	KTS
Spin (Flaps UP)	SLOW DECELERATION
Escarpados	95
Ocho Flojo	105
Chandela	105

B.- EMERGENCIES PROCEDURES

1.- ENGINE FAILURE DURING TAKEOFF ROLL

Throttle	IDLE
Brakes	APPLY

2. - ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	65 KIAS (FLAPS UP)
	60 KIAS (FLAPS DN)

3. - ENGINE FAILURE DURING FLIGHT

Airspeed	65 KIAS
Fuel Shutoff Valve	ON
Fuel Selector Valve	BOTH
Fuel Pump Switch	ON
Mixture Control	RICH

4. - FIRE DURING START ON GROUND

Magneto switch **START (Continue cranking to start the engine)**

a. If Engine Starts:

Power **1.800 RPM FOR A FEW MINUTES**

Engine **SHUTDOWN AND INSPECT FOR DAMAGE**

b. If engine fails to start:

Throttle **FULL OPEN**

Mixture Control **IDLE CUT-OFF**

Magneto Switch **START**

Fuel Shutoff Valve **OFF (PULL FULL OUT)**

Fuel Pump Switch **OFF**

Magneto Switch **OFF**

Stby batt switch **OFF**

Master Switch(ALT and BAT) **OFF**

5. - ENGINE FIRE IN FLIGHT

Mixture Control **IDLE CUT-OFF**

Fuel Shutoff Valve **OFF**

Fuel Pump Switch **OFF**

Master Switch (ALT and BAT) **OFF**