



DEPARTAMENTO "SEGURIDAD OPERACIONAL"
SUBDEPARTAMENTO "LICENCIAS"

"CESSNA C-172N CC-AOE"
"CLUB AÉREO NAVAL"

NOMBRE : _____ FIRMA: _____

FECHA : _____

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	MPH
Va 2.300 Lbs.	97
Vne	182
Vno	145
Vfe	85
Vs	58
Vso	49
Vx	68
Vy	90
Vr	60
Vapp (Flap Down)	49-69
Vplaneo	65
Max. Cross Wind	17

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	160
Máximas RPM	2.700
RPM Estáticas	
Máximas	2.450
Mínimas	2.280
Temperatura de Aceite (°F)	
Máxima	118°
Mínima
Presión de Aceite (PSI)	
Máxima	100
Mínima	25

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100 LL
Capacidad Total	43
Capacidad Usable	40
Presión de Combustible (PSI)	
Mínima	red line
Máxima	red line

5.- Límites de Maniobra (Categoría Normal)

Maniobra	KIAS
Spin (Flaps Up)	slow deceleration
Escarpados	95
Ocho Flojo	105
Chandella	105

3.- Pesos (LBS)

Máximo Take- Off	2.300
Máximo Equipaje	120

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	65 KIAS (FLAPS UP) 60 KIAS (FLAPS DN)
Mixture	IDLE CUT OFF
Fuel Selector Valve	OFF
Ignition Switch	OFF
Wing Flaps	AS REQUIRED
Master Switch	OFF

3.- ENGINE FAILURE DURING FLIGHT

Airspeed	65 KIAS
Carburetor Heat	ON
Fuel Selector Valve	BOTH
Mixture	RICH
Ignition Switch	BOTH (Or start if propeller is stopped)
Primer	IN AND LOCKED

4. - FIRE DURING START ON GROUND

Cranking	CONTINUE
If engine START:	
Power	1.700 RPM for a few minutes
Engine	SHUT DOWN
If engine fails to Start:	
Throttle	FULL OPEN
Mixture	IDLE CUT OFF

5. -ENGINE FIRE IN FLIGHT

Mixture	IDLE CUT OFF
Fuel Selector Valve	OFF
Master Switch	OFF
Cabin heat and air	OFF
Airspeed	100 Kias (If fire is not extinguished, increase glide speed to find an airspeed which will provide an incombustible mixture.)
Forced Landing	EXECUTE

6. -ELECTRICAL FIRE IN FLIGHT

Master Switch	OFF
Avionic power switch	OFF
All other switches (except ignition switch)	OFF
Vents/ Cabin air/ Heat	CLOSED
Fire Extinguisher	ACTIVATE (if available)