



**DEPARTAMENTO SEGURIDAD OPERACIONAL
SUBDEPARTAMENTO "LICENCIAS"
SECCIÓN EVALUACIONES**

**"PIPER NAVAJO PA-31"
"SERVICIOS AÉREOS PUERTO MONTT"**

NOMBRE: _____ FIRMA: _____

FECHA : _____

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	KIAS
Va	
Vne	
Vno	
Vfe 40°	
Vle	
Vlo Extend	
Vlo Retract	
Vmca	
Vs	
Vso	
Vx	
Vy	
Vyse	
Vxse	
Vsse	
Vr	
Vapp final	
Max Cross Wind	

2.- Combustible (U.S. GAL)

Tipo a Utilizar	
Capacidad Total	
Combustible Usable	

3.- Pesos (LBS)

Máximo TAKE-OFF	
Máximo LANDING	
MZFW	
Máximo Baggaje FWD	
Máximo Baggaje AFT	

4.- Motor (Potencia Máxima)

Limitaciones Operativas de Motor	
Razón HP o BHP	
Máximas RPM	
Exh. Gas Temp. (°F)	
Cyl. Heat Temp. (°F)	
Temperatura de Aceite (°F)	
Máxima	
Mínima	

Presión de Aceite (PSI)

Máxima	
Mínima	

5.- Limites de Maniobras (KIAS)

Spin (Flaps UP)	
Escarpados	

B.- Emergencies Procedures

1.- ENGINE FAILURE DURING TAKEOFF (BELOW 83 KIAS)

a. - Adequate Runway Remaining:

Throttle	_____
Brakes	AS REQUIRED

Stop straight ahead.

b. - Inadequate Runway Remaining:

Throttle	_____
Brakes	AS REQUIRED
Mixture	_____
Master Switch	_____
Fuel Selector Valves	_____
Magnetos Switch	_____

Continue straight ahead turning to avoid obstacles, if necessary.

2.- ENGINE FAILURE DURING NORMAL TAKEOFF (83 KIAS OR ABOVE)

Directional control	MAINTAIN
Power (operating engine)	_____
Propeller control (inop. engine)	_____
Gear (in level or climbing flight)	_____
Bank	_____
Airspeed	_____ AFTER ALL OBSTACLES HAVE BEEN CLEARED
Engine Securing Procedure	_____ (INOP. ENGINE)
Trim	_____

3. - ENGINE FAILURE DURING CLIMB

Airspeed	MAINTAIN _____
Directional control	MAINTAIN _____
Inop. Engine	_____
Inop. Engine	_____

Land as soon as practical at nearest suitable airport.

4. - ENGINE FIRE ON THE GROUND

Firewall shutoff valve	_____
Emergency fuel pump	_____
Brakes	_____
Throttle (affected engine)	_____
Radio	_____
Mixture (if fire persists)	_____
External fire extinguisher	_____

If fire continues, shut down both engines and evacuate.

If fire is on the ground, it may be possible to taxi away.

5. - ENGINE FIRE IN FLIGHT

Firewall Shut-off Valve	_____
Follow	_____

Land as soon as possible.

**6.- ENGINE SECURING PROCEDURE
(FEATHERING PROCEDURE)**

Throttle	_____
Propeller	_____ (1000 RPM MIN.)
Mixture	_____
Cowl flaps	_____
Magneto switch	_____
Emergency fuel pump	_____
Fuel selector	_____
Alternator CB switch	_____
Prop. Sync	_____
Electrical load	_____
Crossfeed	_____