



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“PIPER NAVAJO CHIEFTAIN PA-31-350”
“MUTUAL DE SEGURIDAD”

NOMBRE : _____ FIRMA: _____

FECHA : _____

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	KIAS
Va	
Vne	
Vno	
Vfe 15°	
Vle	
Vmca	
Vs	
Vso	
Vx	
Vy	
Vsse	
Vxse	
Vyse	
Vr	
Vapp Flap DN	
Max Cross Wind	

2.- Combustible (U.S. GAL)

Tipo a Utilizar	
Capacidad Total	
Combustible Usable	
Presión de Combustible (PSI)	
Mínima	
Máxima	

3.- Pesos (LBS)

Máximo TAKE-OFF	
Máximo Baggaje FWD	
Máximo Baggaje AFT	

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	
Máximas RPM	
RPM estáticas	
Máximas	
Mínimas	
Exh. Gas Temp. (°F)	
Cyl. Heat Temp. (°F)	
Temperatura de aceite (°F)	
Máxima	
Mínima	
Presión de aceite (PSI)	
Máxima	
Mínima	

5.- Limites de maniobras (Cat. Normal)

MANIOBRA	KIAS
Spin (Flaps UP)	
Escarpados	

B.- Emergencies Procedures

1.- ENGINE FAILURE DURING NORMAL TAKEOFF (85 KIAS or below)

a.- If Sufficient runway remains for a safe stop:

Throttle _____
Brakes _____
Stop Straight Ahead

b.- If Insufficient runway remains for a safe stop:

Throttle _____
Mixture _____
Master Switch _____
Fuel Selector _____
Magnetos Switches _____
Maintain directional control and maneuver to avoid obstacles.

2.- ENGINE FAILURE DURING NORMAL TAKEOFF (above 85 KIAS)

Directional Control _____
Power (Oper. Engine) _____
Propeller Control (Inop. E.) _____
Landing Gear _____
Bank _____
Airspeed _____
Cowl Flaps (Inop. Eng.) _____
Airspeed _____
Engine Securing Procedures _____
Land as soon as practical at the nearest suitable.

3.- ENGINE FAILURE DURING FLIGHT (ABOVE 76 KIAS)

Inoperative engine _____

Operative engine _____

Airspeed _____

Before securing inoperative engine:

Fuel Flow _____

Fuel Quantity _____

Fuel Selector (inop. Eng.) _____

Oil pressure and temperature _____

Magneto switches _____

Air Start _____

If engine does not start, complete Engine Securing Procedure

Power (Oper. Eng.) _____

Mixture (Oper. Eng.) _____

Fuel Quantity (Oper. Eng. Tank) _____

Emergency Fuel Pump (Oper. Eng.) _____

Cowl Flap (Oper. Eng.) _____

Trim _____

Electrical Load _____

Land as soon as practical at nearest suitable airport

4.- ENGINE FIRE ON GROUND

Firewall Fuel Shutoff _____

Emergency Fuel Pump _____

Boost Pump CB _____

Brakes _____

Throttle (affect engine) _____

Radio _____

Mixture (if fire persists) _____

External fire extinguisher _____

If fire continues, shutdown both engines and evacuate.

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

5.- ENGINE FIRE IN FLIGHT

Firewall Fuel Shutoff _____

Throttle _____

Propeller Control _____

Mix _____

Inoperative Engine _____

If fire persists:

Airspeed _____

Land as soon as possible at the nearest suitable airport