



DEPARTAMENTO "SEGURIDAD OPERACIONAL"
SUBDEPARTAMENTO "LICENCIAS"
SECCIÓN EVALUACIONES

PIPER PA-28 "CHEROKEE"
CC-PQH

NOMBRE: _____

Firma: _____

FECHA: _____

A.- LIMITATIONS

1.- Airspeed Limitations

	MPH
Va	129
Vne	171
Vno	140
Vfe	115
Vs	64
Vso	55
Vx	74
Vy	85
Vr	60
Vapp (Flap Dn)	76
Vglide (Recomended)	80
Max Cross Wind- KTS	15

2.- Fuel (U.S GAL)

Fuel grade	100 LL
Total capacity	50

3.- Weight Limits (LBS)

Maximum Weight	1950
Maximum Baggage	100

4.- Engine Limitations

Power Plant limitations	
Maximum Horsepower	150
Maximum continuous RPM	2700
Static RPM	
Maximum	2425
Minimum	2150
Oil Pressure (PSI)	
Maximum	85
Minimum	60
Oil Temperature (F°)	
Maximum	245
Minimum	75
Fuel Pressure	
Maximum	8
Minimum	0,5

5.- Maneuver Limits

A.- (Utility Category)

Maneuver (MPH)	
Chandelles	129
Lazy eights	129
Steep Turns	129
Spin	Stall

B.- (Normal Category)

Maneuver (MPH)	
Chandelles	PROHIBITED
Lazy eights	PROHIBITED
Steep Turns	PROHIBITED
Spin	PROHIBITED

B.- EMERGENCY PROCEDURES

1.- ENGINE FAILURE BEFORE ROTATE

Throttle	IDLE
Brakes	APPLY
Aircraft control	MAINTAIN DIRECTIONAL CONTROL

2.- ENGINE FAILURE DURING TAKEOFF

Sufficient runway	LAND STRAIGHT AHEAD
Insufficient runway remains	
Airspeed	SAFE AIRSPEED
If exist obstructions	MAKE SHALLOW TURN
Flaps	AS REQUIRED Normally, flaps should be fully extended for touchdown.

3.- ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

POWER OFF LANDING	
Airspeed	MAINTAIN SAFE AIRSPEED
Ignition	OFF
Master Switch	OFF
Fuel Selector	OFF
Mixture	CUT-OFF
Seat belt and harness	TIGHT

If sufficient altitude has been gained to attempt a restart:	
Airspeed	MAINTAIN SAFE AIRSPEED
Fuel Selector	SWITCH TO TANK
Electric fuel pump	ON
Mixture	RICH
Carburetor heat	ON
If power is not regained. proceed with power off landing.	

3.- ENGINE FAILURE DURING FLIGHT

Fuel Selector	SWITCH TO TANK
Electric fuel pump	ON
Mixture	RICH
Carburetor heat	ON
Engine gauges	CHECK for indication of cause of power loss
Primer	LOCKED
When power is restored	
Carburetor heat	OFF
Electric fuel pump	OFF
If power is not restored prepare for	
POWER OFF LANDING	

4.- ENGINE FIRE DURING START

Starter	CRANK ENGINE
Mixture	CUT-OFF
Throttle	FULL OPEN
Electrical fuel pump	OFF
Fuel selector	OFF
If fire continues	
Master	OFF
Aircraft	EVACUATE

5.- ENGINE FIRE IN FLIGHT

Source of fire	CHECK
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Electrical fire (smoke in cabin):	
Master Switch	OFF
Vents	OPEN
Cabin Heat	OFF
Land	AS SOON AS POSSIBLE

Engine Fire	
Fuel Selector	OFF
Throttle	CLOSED
Mixture	CUT-OFF
Electric Fuel Pump	OFF
Heater and defroster	OFF
Proceed with	POWER OFF LANDING