



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

**PIPER PA-28 "CHEROKEE"**  
**CC-PQH**

NOMBRE: \_\_\_\_\_

Firma: \_\_\_\_\_

FECHA: \_\_\_\_\_

**A.- LIMITATIONS**

**1.- Airspeed Limitations**

	<b>MPH</b>
Va	
Vne	
Vno	
Vfe	
Vs	
Vso	
Vx	
Vy	
Vr	
Vapp (Flap Dn)	
Vglide (Recomended)	
Max Cross Wind- <b>KTS</b>	

**2.- Fuel (U.S GAL)**

Fuel grade	
Total capacity	

**3.- Weight Limits (LBS)**

Maximum Weight	
Maximum Baggage	

**4.- Engine Limitations**

<b>Power Plant limitations</b>	
Maximum Horsepower	
Maximum continuous RPM	
<b>Static RPM</b>	
Maximum	
Minimum	
<b>Oil Pressure (PSI)</b>	
Maximum	
Minimum	
<b>Oil Temperature (F°)</b>	
Maximum	
Minimum	
<b>Fuel Pressure</b>	
Maximum	
Minimum	

**5.- Maneuver Limits**

A.- (Utility Category)

<b>Maneuver (MPH)</b>	
Chandelles	
Lazy eights	
Steep Turns	
Spin	

B.- (Normal Category)

<b>Maneuver (MPH)</b>	
Chandelles	
Lazy eights	
Steep Turns	
Spin	

## B.- EMERGENCY PROCEDURES

### 1.- ENGINE FAILURE BEFORE ROTATE

Throttle	
Brakes	
Aircraft control	

### 2.- ENGINE FAILURE DURING TAKEOFF

<b>Sufficient runway</b>	
<b>Insufficient runway remains</b>	
Airspeed	
If exist obstructions	
Flaps	<u>                    </u> Normally, flaps should be fully extended for touchdown.

### 3.- ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

<b>POWER OFF LANDING</b>	
Airspeed	
Ignition	
Master Switch	
Fuel Selector	
Mixture	
Seat belt and harness	

<b>If sufficient altitude has been gained to attempt a restart:</b>	
Airspeed	
Fuel Selector	
Electric fuel pump	
Mixture	
Carburetor heat	
<b>If power is not regained. proceed with power off landing.</b>	

### 3.- ENGINE FAILURE DURING FLIGHT

Fuel Selector	
Electric fuel pump	
Mixture	
Carburetor heat	
Engine gauges	<u>                    </u> for indication of cause of power loss
Primer	
<b>When power is restored</b>	
Carburetor heat	
Electric fuel pump	
<b>If power is not restored prepare for</b>	

#### 4.- ENGINE FIRE DURING START

Starter	
Mixture	
Throttle	
Electrical fuel pump	
Fuel selector	
<b>If fire continues</b>	
Master	
Aircraft	

#### 5.- ENGINE FIRE IN FLIGHT

Source of fire	
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<b>Electrical fire (smoke in cabin):</b>	
Master Switch	
Vents	
Cabin Heat	
Land	

<b>Engine Fire</b>	
Fuel Selector	
Throttle	
Mixture	
Electric Fuel Pump	
Heater and defroster	
Proceed with	