



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
“SUBDEPARTAMENTO “LICENCIAS”

“PIPER PA-32R SARATOGA”

“CC – LBK”

A.- OPERATING LIMITATIONS

1.- Limitations (Speed) (KIAS)

| | |
|------------------------|----------------|
| Va (3.600lbs/2.246lbs) | 134/105 |
| Vne | 197 |
| Vno | 154 |
| Vfe | 112 |
| Vle | 132 |
| Vlo UP & DN | 132/110 |
| Vs | 60 |
| Vso | 57 |
| Vx gear Down /Up | 76/80 |
| Vy gear Down /Up | 80/91 |
| Vr | 74 |
| Vapp (Flaps DN) | 79 |
| Vglide | 80 |
| Max Cross Wind | 17 |

2.- Fuel (U.S. GAL)

| | |
|----------------------------|----------------|
| Type to Use | 100/130 |
| Total Capacity | 107 |
| Usable Capacity | 102 |
| Fuel Pressure (PSI) | |
| Maximum | 14 |
| Minimum | 0 |

3.- Weight (LBS)

| | |
|-----------------------------|--------------|
| Maximum TAKE-OFF | 3.600 |
| Maximum Baggage (Fwr + Aft) | 200 |

4.- Engine (Maximum Continuous Power)

| | |
|-------------------------------------|--------------|
| Engine Operating Limitations | |
| Reason HP o BHP | 300 |
| Maximum RPM | 2.700 |
| Oil Pressure (PSI) | |
| Maximum | 100 |
| Minimum | 25 |
| Oil Temperature (°F) | |
| Maximum | 245 |
| Minimum | 75 |

5.- Maneuvering Limits (Normal Cat.)

| | |
|-----------------|-------------------|
| Spin (Flaps UP) | PROHIBITED |
| Steep Turns | 134 |

B.- EMERGENCIES PROCEDURES

1.- ENGINE FAILURE DURING TAKEOFF

Adequate Runway Remaining:

Left gear down and land straight ahead

Brakes: **AS REQUIRED**

Throttle: **Off**

2.- ENGINE FAILURE IN FLIGHT

Fuel selector: **SWICH TO TANK WITH FUEL**

Electric fuel pump: **ON**

Mixture: **RICH**

Alternate Air: **Open**

Engine Gauge: **Check**

3.- ENGINE FIRE DURING START

| | |
|---------------------------|---------------------|
| Starter: | CRANKING |
| Mixture: | IDLE CUT OFF |
| Throttle: | OPEN |
| Electric Fuel Pump: | OFF |
| Fuel Selector: | OFF |
| Abandon if fire continues | |

4.- ENGINE FIRE IN FLIGHT

| | |
|------------------------------------|---------------------|
| Source Of Fire: | CHECK |
| Fuel Selector: | OFF |
| Throttle: | CLOSE |
| Mixture: | IDLE CUT OFF |
| Electric Fuel Pumpo: | CHECK OFF |
| Heater and Defroster: | OFF |
| Proceed with power off landing pro | |