



DEPARTAMENTO “SEGURIDAD OPERACIONAL”  
SUBDEPARTAMENTO “LICENCIAS”

**“CESSNA T207A (SOLOY) HIDROAVION PK4000 “CC-PAX”**

**A.- LIMITACIONES DE OPERACIÓN**

<b>1.- Limitaciones (KIAS)</b>	
Va (4000 LBS)	<b>130</b>
Vne	<b>153</b>
Vfe 10°	<b>144</b>
10°- 30°	<b>99</b>
Vx (SL)	<b>64</b>
Vy (SL)	<b>93</b>
Normal Climb Out	<b>80-100</b>
V <sub>APP</sub> (FLAPS DN)	<b>75-85</b>
V <sub>PLANEEO</sub> (4000 LBS)	<b>101</b>
Max Cross Wind	<b>20</b>

<b>2.- Combustible (GAL)</b>	
Tipo a Utilizar	<b>JP-1 JET A1</b>
Capacidad Total	<b>138</b>
Capacidad Usable	<b>129</b>

<b>3.- Pesos (LBS)</b>	
Maximum TAKE-OFF	<b>4000</b>
Maximum LANDING	<b>4000</b>
Nose Baggage	<b>120</b>
Floats Baggage	<b>100</b>

<b>4.- Starter Limitations</b>	
<b>810-927°C</b>	<b>10 SEG</b>
<b>927°C</b>	<b>1 SEG</b>

## **B. - EMERGENCIES PROCEDURES**

### **1. - ENGINE FAILURE DURING TAKEOFF RUN**

Power Control	<b>GROUND IDLE</b>
Control Wheel	<b>FULL AFT</b>
Fuel Cutoff Control	<b>CUTOFF</b>
Monitor	<b>TOT</b>
Battery Switch	<b>OFF</b>

### **FORCED LANDING**

### **2. – EMERGENCY LANDING ON WATER WITHOUT ENGINE POWER**

Airspeed	<b>85 KIAS (FLAPS UP) 80 KIAS (FLAP DOWN)</b>
Propeller Control	<b>FEATHER</b>
Fuel Cutoff Control	<b>CUTOFF</b>
Fuel Selector Valve	<b>OFF</b>
Flaps	<b>AS REQUIRED (30° recommended)</b>
Battery Switch	<b>OFF</b>
Water Rudders	<b>UP</b>
Doors	<b>UNLATCH PRIOR TO TOUCHDOWN</b>
Touchdown	<b>SLIGHTLY TAIL LOW</b>
Control Wheel	<b>HOLD FULL AFT</b>

### **3. – EMERGENCY LANDING ON LAND WITHOUT ENGINE POWER**

Airspeed	<b>85 KIAS (flaps UP) 80 KIAS (flaps DOWN)</b>
Propeller Control	<b>FEATHER</b>
Fuel Cutoff Control	<b>CUTOFF</b>
Fuel Selector Valve	<b>OFF</b>
Flaps	<b>AS REQUIRED (30° recommended)</b>
Battery Switch	<b>OFF</b>
Water Rudders	<b>UP</b>
Doors	<b>UNLATCH PRIOR TO TOUCHDOWN</b>
Touchdown	<b>LEVEL ATTITUDE</b>
Control Wheel	<b>FULL AFT (after contact)</b>

### **4. – EMERGENCY LANDING ON LAND WITH ENGINE POWER**

Runway	<b>SELECT longest smooth ground or grass surface available.</b>
Wing Flaps	<b>30°</b>
Power Control	<b>AS REQUIRED</b>
Airspeed	<b>73 KIAS</b>
Battery Switch	<b>OFF</b>
Doors	<b>UNLATCH PRIOR TO TOUCHDOWN</b>
Touchdown	<b>LEVEL ATTITUDE</b>
Control Wheel	<b>FULL AFT (after contact)</b>
Fuel Cutoff Control	<b>CUTOFF</b>
Fuel Selector Valve	<b>OFF</b>

## **5. - ENGINE FIRE IN WATER**

Fuel Cutoff Control	<b>CUTOFF</b>
Start Motor Switch	<b>MOTOR</b>
Fuel Selector Valve	<b>OFF</b>
Monitor	<b>TOT</b>
Fire Extinguisher	<b>OBTAIN</b>
<b>Engine Secure</b>	
Start Switch	<b>OFF</b>
Battery Switch	<b>OFF</b>
Exit Aircraft	<b>INSPECT FIRE DAMAGE</b>

## **6. – ENGINE FIRE IN FLIGHT**

Fuel Cutoff Control	<b>CUTOFF</b>
Propeller Control	<b>FEATHER</b>
Fuel Selector	<b>OFF</b>
Battery and Generator	<b>OFF</b>
Cabin Heat and Air	<b>OFF</b>
Airspeed	<b>110 KIAS</b>
Forced Landing	<b>EXECUTE</b>