



**DEPARTAMENTO “SEGURIDAD OPERACIONAL”  
SUBDEPARTAMENTO “LICENCIAS”  
SECCIÓN EVALUACIONES**

**“PIPER CHEYENNE IIXL PA-31”  
“AGROSUPER” CC-CPR”**

**A.- Operations Limitations**

1.- Speed (Kias)	
Va	184
Vne	242
Vmo	242
Vfe 15°	181
Vle/Vlo (Extension)	153
Vlo (Retraction)	139
Vmca	91
Vs	86
Vso	77
Vx	95
Vy	116
Vsse	118
Vxse	113
Vyse	118
V <sub>1</sub>	91
Vapp (flaps 40°)	104

2.- Fuel (U.S. GAL)	
Tipo a Utilizar	JET-A
Capacidad Total	374
Capacidad Utilizable	366
Presión Combustible (PSI)	
Mínima	5
Máxima	50

3.- Weight (Lbs)	
Máximo TAKE-OFF	9.474
Baggage FWD	300
Baggage AFT	200

4.- Start					
30	Seconds	On	1	Minute	Off
30	Seconds	On	1	Minute	Off
30	Seconds	On	30	Minutes	Cooling

5.- C.G.		
PESOS	FWD	RWD
5.850 or less	124.0	136.0
9.474 (max takeoff)	129.5	136.0
9.000 (max landing)	128.8	136.0
9.540 (max Ramp)	129.6	136.0

## **B.- EMERGENCIES PROCEDURES**

### **1.- ENGINE SECURING PROCEDURE**

Power Lever	<b>IDLE</b>
Prop Control	<b>FEATHER</b>
Condition Lever	<b>STOP</b>
Generator	<b>OFF</b>

### **2.- ENGINE FIRE OR DAMAGE**

#### **a.- In Flight:**

Firewall Shutoff	<b>PULL</b>
Condition Lever	<b>STOP</b>
Prop Control	<b>FEATHER</b>
Generator	<b>OFF</b>

#### **b.- On Ground:**

Firewall Shutoff (Af. Eng.)	<b>PULL</b>
Condition Lever	<b>STOP</b>

### **3.- ENGINE FAILURE DURING TAKEOFF**

#### **a.- BEFORE ROTATION (Below 91 Kias)**

Power Levers	<b>IDLE</b>
Brakes	<b>AS REQUIRED</b>
If Insufficient Runway for safe stop:	
Condition Lever	<b>STOP</b>
Fire wall shutoff valves	<b>CLOSE</b>
Battery Master	<b>OFF</b>

**b.- AFTER ROTATION (101 Kias or above)**

Airspeed	101 KIAS MIN
Directional control	MANTAIN
Power Lever	MAXIMUN (620 SHP)
Landing Gear	RETRACT
Inoperative Engine	IDENTIFY AND VERIFY
Prop (Inop. Engine)	FEATHER

**4.- ENGINE FIRE ON GROUND**

Condition Lever	STOP
Fire wall shutoff valve	CLOSE
Bleed air (inop. Engine)	OFF

**ENGINE FIRE IN FLIGHT**

Affected engine	IDENTIFY AND VERIFY
Power (affected engine)	IDLE
Generator switch	OFF
Bleed air (affected engine)	OFF
Prop (affected engine)	FEATHERED
Condition lever	OFF
Fire wall shutoff valve (unless Practicing)	OFF

**5.- ENGINE FLAMEOUT (2<sup>ND</sup> ENGINE)**

Power Lever	IDLE
Prop Control	DO NOT FEATHER
Condition Lever	STOP

**6.- OVERSPEED PROPELER**

Power Lever	IDLE
Prop control	FEATHER
Condition lever	STOP

## **7.- BATTERY OVERTEMP**

Electrical load	CHECKED
Battery Master	OFF

## **8.- ELECTRICAL FIRE**

Oxygen System	ON DON MASK
Flashlight (at night)	LOCATE
Dome Lights (at night)	ON
Battery master	OFF
Generators	OFF

## **9.- SMOKE OR FUMES IN CABIN**

Oxygen System	ON DON MASK
Cabin Press	DUMP

## **10.- EMERGENCY DESCENT**

### **a.- Gear And Flaps Retracted:**

Power Lever	IDLE
Prop Control	FORWARD

### **b.- Gear And Flaps Extended:**

Power Lever	IDLE
Prop Control	FULL FORWARD