



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

**“BEECHCRAFT KING AIR C-90A”**  
**N149CM**

**A.- Limitaciones de Operación**

<b>1.- Limitaciones</b>	<b>(KIAS)</b>
VA	169
VMO	226
MMO (Mach)	0.46
VFE Approach 40%	184
VFE Full Down 100%	148
VMCA	90
VLE Extension	182
VLE Retraction	163
VXSE	100
VYSE	108
Emergency Descent	182
Max. Glide Speed	125
VFlaps Up Landing	115
VFlaps Down 1 Eng.	101
Max. Cross Wind	25

<b>2.- Combustible</b>	<b>Libras</b>
Tipo a Utilizar	JET A-1
Capacidad Total Usable	2.573

<b>3.- Pesos</b>	<b>(LBS)</b>
Max. TAKE-OFF	10.100
Max. LANDING	9.600
MAX ZFW	No Limit.

<b>4.- Starter Limitations</b>					
40	SEC	ON	60	SEC	OFF
40	SEC	ON	60	SEC	OFF
40	SEC	ON	30	MIN	OFF

## **B.- Emergencies Procedures**

### **1. ENGINE FAILURE IN FLIGHT OR FIRE IN FLIGHT**

a.- Affected engine:

Condition Lever	FUEL CUT- OFF
Propeller Lever	FEATHER
Fuel FW Shutoff Valve	CLOSE
Fire Extinguisher	ACTUATE (if required)

### **2. ENGINE FIRE ON GROUND**

a.- Affected engine:

Condition Lever	FUEL CUT- OFF
Fuel FW Shutoff Valve	CLOSE
Starter Switch	STARTER ONLY
Boost Pump	OFF
Fire Extinguisher	ACTUATE (As required)

### **3. ENGINE FAILURE DURING GROUND ROLL**

Power Levers	IDLE
Brakes	AS REQUIRED

a.- If insufficient runway remains for stopping:

Condition Levers	FUEL CUT- OFF
Fuel FW Shutoff Valves	CLOSE
Master switch	OFF (Gang bar down)
Boost Pumps	OFF

#### 4. ENGINE FAILURE AFTER LIFT- OFF

Maximum Continuous Power	SET
Airspeed	MAINTAIN (VLOF or Above)
Landing Gear	UP
Prop Lever (Inoperative Engine)	FEATHER
Airspeed	VYSE 108

#### 5. ENGINE FLAMEOUT (2ND ENGINE)

Power Lever	IDLE
Prop Lever	DO NOT FEATHER
Condition Lever	FUEL CUT- OFF

Conduct Air Start Procedures in ABNORMAL PROCEDURES

#### 6. EMERGENCY DESCENT

Crew	DONMASKS/CHECK O <sub>2</sub>
	HANDLE ON
Power Levers	IDLE
Propeller Control	FULL FORWARD
Flaps	APPROACH
Landing Gear	DOWN
Airspeed	182 KIAS MAXIMUM