



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

“BEEHCRAFT KING AIR BE-9L, C90 GTi”

A.- Limitaciones de Operación

1.- Limitaciones (KIAS)	
Va	169
Vne	226
Vmo	226
Mmo	0.46 Mach
Vfe approach	184
Vfe down	148
Vlo extension	182
Vlo retraction	163
Vle	182
Vmca	85
Vx	101
Vy	112
Vxse	100
Vyse	108
Emergency Descent	182
Max. range glide	125
Max Cross Wind	25
Turbulent air penetration	161

2.- Combustible (LBS)	
Tipo a Utilizar	JET-A/JET-A1/JET B
Capacidad Usable	2.573
Capacidad Nacela	409 c/u
Capacidad Wing Tank	877.5 c/u

3.- Pesos (LBS)	
Maximum TAKE-OFF	10.100
Max Rear Baggage	350

4.- Starter Limitations					
40	SEG	ON	60	SEG	OFF
40	SEG	ON	60	SEG	OFF
40	SEG	ON	30	MIN	OFF

5.- Speed Cruise (KIAS)	
SL - 10.000'	150
10.000 - 20.000'	130
20.000 - 25.000'	120
25.000' - 30.000'	110

B.- Emergencies Procedures

1.- ENGINE FAILURE

Condition Lever	FUEL CUT-OFF
Propeller Lever	FEATHER
Fuel Firewall Shutoff	CLOSED

2.- ENGINE FAILURE DURING GROUND ROLL

Power Lever	GROUND FINE
Brakes	MAXIMUM

If insufficient runway remains for stopping

Condition Lever	FUEL CUT-OFF
Fuel Firewall Shutoff	CLOSED
Master Switch	OFF
Boost Pumps	OFF

3.- ENGINE FAILURE AFTER LIFT OFF

V1 speed	ROTATE TO APROX. 10°
Landing gear	UP
Propeller (Inoperative engine)	VERIFY FEATHERED
Power	MAXIMUM ALLOWABLE
Airspeed	MAINTAIN V2 SPEED OR ABOVE UNTIL 400 FT THEN ACCELERATE TO108 KIAS.
Flaps	UP

4.- ENGINE FAILURE IN FLIGHT BELOW Vmca

Power	REDUCE
Nose	LOWER TO ACCELERATE ABOVE V _{MCA}

5.- ENGINE FLAME OUT (2ND Engine)

Power lever	IDLE
Propeller	DO NOT FEATHER
Condition lever	CUT-OFF
	CONDUCT AIR START PROCEDURES

6.- ENGINE FIRE ON GROUND

Condition lever	FUEL CUT-OFF
Fuel Firewall Shutoff Valve	CLOSE

7.- ELECTRICAL SMOKE ON FIRE

Oxygen mask	DON
Mask selector switch	EMERG. POSITION
Headset (s)	DON, OR AUDIO SPEAKER (S) ON
Mic Switc (es)	OXYGEN MASK

8.- CABIN DOOR UNLOCKED

All Occupants	SEATED WITH SEAT BELTS SECURELY FASTENED
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9.- EMERGENCY DESCENT PROCEDURE

Power levers	IDLE
Propeller levers	HIGH RPM
Wing Flaps	APPROACH
Landing Gear	DOWN
Airspeed	182 KIAS

10.- GLIDE

Landing Gear	UP
Wing Flaps	UP
Propeller levers	FEATHERED
Airspeed	125 KIAS