



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“BEECHCRAFT KING AIR BE-90”
“A.T.A.”

A.- Limitaciones de Operación

1.- Limitaciones (KIAS)	
Va	169
Vne	208
Vno	208
Vfe approach	174
Vfe down	130
Vlo extension	156
Vlo retraction	130
Vle	156
Vmca	92
Vx	101
Vy	114
Vxse	101
Vyse	110
Emergency Descent	156
Max. Glide Speed	125
Max Cross Wind	25
Flaps UP Landing	115

2.- Combustible (LBS)	
Tipo a Utilizar	JET-A/JET-A1
Capacidad Usable	2.572
Capacidad Nacela	408 c/u
Capacidad Wing Tank	878 c/u

3.- Pesos (LBS)	
Maximum TAKE-OFF	9.650
Maximum LANDING	9.168

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 - 20.000'	140
20.000 - ABOVE	120

B.- Emergencies Procedures

1.- ENGINE FAILURE

Power Lever	IDLE
Condition Lever	CUT-OFF
Propeller Lever	FEATHER
Fuel Firewall Shutoff	CLOSED
Extinguisher	ACTIVATE

2.- ENGINE FAILURE DURING TAKE-OFF

a. - Below Take-off Speed:

Power	IDLE
Brakes	AS REQUIRED

If Insufficient Runway remains for stopping:

Condition Lever	CUT-OFF
Firewall Valves	CLOSED
Electrical Power	OFF
Boost Pumps	OFF

b. - If aircraft is airborne and conditions preclude an immediate landing:

Power	TAKE OFF
Propeller RPM	HIGH RPM
Landing Gear	UP
Confirm	INOPERATIVE ENGINE
Flaps	UP
Confirm	DEAD ENGINE
Propeller (Inoperative Engine)	FEATHER

3.- ENGINE FAILURE IN FLIGHT BELOW V_{mca}

Reduce Power	OPERATIVE ENGINE AS REQUIRED TO MAINTAIN CONTROL
Lower Nose	TO ACCELERATE ABOVE V_{MCA}

4.- ENGINE FLAME OUT (2ND Engine)

Power lever	IDLE
Condition lever	CUT-OFF
Propeller	DO NOT FEATHER

5.- ENGINE FIRE ON GROUND

Condition lever	CUT-OFF
Fuel Firewall Shutoff	CLOSED
Starter Switch	STARTER ONLY

6.- ELECTRICAL SMOKE ON FIRE

Battery and Generator Switches	OFF
Oxygen	AS REQUIRED
All Switches	OFF
Essential Equipment	ON (AS REQUIRED)

7.- CABIN DOOR UNLOCKED

All Occupants	SEATED WITH SEAT BELTS
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8.- EMERGENCY DESCENT PROCEDURE

Power levers	IDLE
Propeller levers	FULL INCREASE RPM
Wing Flaps	APPROACH
Landing Gear	DOWN
Airspeed	156 KIAS MAXIMUM

9.- GLIDE

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