



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“BEEHCRAFT KING AIR BE-99”

A.- Limitaciones de Operación

1.- Limitaciones (KIAS)	
Va	169
Vne	226
Vno	226
Mmo	0.46 Mach
Vfe approach	174
Vfe down	156
Vlo extension	132
Vlo retraction	130
Vle	-.-
Vmca	78
Vx	-.-
Vy	116
Vxse	-.-
Vyse	-.-
Emergency Descent	-.-
Max. range glide	-.-
Max Cross Wind	25

2.- Combustible (U.S. GAL)	
Tipo a Utilizar	JET-A/JET-A1
Capacidad Usable	370
Capacidad Nacela	50
Capacidad Wing Tank	135

3.- Pesos (LBS)	
Maximum TAKE-OFF	10.400
Max Nose Baggage	-.-
Max Rear Baggage	-.-

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'	-.-
10.000 - 20.000'	-.-
20.000 - 25.000'	-.-
25.000' - 30.000'	-.-

B.- Emergencies Procedures

1.- ENGINE FAILURE

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

2.- ENGINE FAILURE DURING GROUND ROLL

Power Lever	GROUND FINE
Brakes	MAXIMUM
Condition Lever	FUEL CUT-OFF
Fuel Firewall Shutoff	CLOSED
Master Switch	OFF
Boost Pumps	OFF

3.- ENGINE FAILURE AFTER LIFT OFF

Maximum Continuous Power	SET
Airspeed	MAINTAIN
Landing Gear	UP
Propeller	FEATHER
Airspeed	108 KIAS

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

Reduce Power

OPERATIVE ENGINE AS REQUIRED TO
MAINTAIN CONTROL

Lower Nose

TO ACCELERATE ABOVE V_{MCA}

5.- ENGINE FLAME OUT (2ND Engine)

Power lever

IDLE

Propeller

DO NOT FEATHER

Condition lever

CUT-OFF

6.- ENGINE FIRE ON GROUND

Condition lever

FUEL CUT-OFF

Fuel Firewall Shutoff

CLOSED

7.- ELECTRICAL SMOKE ON FIRE

Oxygen System Control

PULL ON

Crew

DON MASKS

8.- CABIN DOOR UNLOCKED

All Occupants

SEATED WITH SEAT BELTS

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	FEATHER
Airspeed	123 KIAS