



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

**BEECHCRAFT BE-77 “SKIPPER”**  
**“LATIN AIR”**

**A.- Limitaciones de Operación**

1.- Limitaciones (Velocidades)

	KIAS
Va	109
Vne	143
Vno	119
Vfe	90
Vs	54
Vso	52
Vx	61
Vy	68
Vr	56
Vapp (Flap DN)	63
Vplano	63
Max Cross Wind	15

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	30
Capacidad Usable	29
Presión de Combustible (PSI)	
Mínima	0.5
Máxima	8

3.- Pesos (LBS)

Máximo TAKE-OFF	1.675
Máximo Equipaje	120

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	112
Máximas RPM	2.700
RPM estáticas	
Máximas	2.350
Mínimas	2.200
Temperatura de aceite (°F)	
Máxima	245
Mínima	60
Presión de aceite (PSI)	
Máxima	100
Mínima	15 ó 25

5.- Limites de maniobras (Cat. Normal)

MANIOBRA	KIAS
Spin (Flaps UP)	SLOW DECELERATION
Escarpados	109
Ocho Flojo	109
Chandela	109

## B.- Emergencies Procedures

### 1.- ENGINE POWER LOSS DURING TAKEOFF (Not Airborne)

Throttle	CLOSE
Brakes	MAXIMUM
Fuel selector valve	OFF
Bat., Alt. and Mag/Start Switches	OFF

### 2. - ENGINE POWER LOSS DURING TAKEOFF (if Airborne)

Establish Max. Glide	63 KIAS
Mixture	FULL RICH
Carburetor Heat	HOT
Fuel Boost Pump	CHECK ON
Fuel Selector Valve	CHECK ON
Magneto/Start Switch	CHECK LEFT AND RIGHT THEN BOTH

#### a.- If no restart:

Throttle	CLOSED
Fuel Selector valve	OFF
Mixture	IDLE CUT-OFF
Magneto/Start Switch	OFF
Alternator and Fuel Boost Pump Switches	OFF

#### b.- When certain of reaching the selected landing site:

Airspeed	ESTABLISH 63 KIAS
Flaps	DOWN
Battery Switch	OFF

### 3. - ENGINE POWER LOSS IN FLIGHT

Fuel Selector Valve	CHECK ON
Fuel Boost Pump	ON
Throttle	SET APPROXIMATELY ¼ TRAVEL
Mixture	FULL RICH
Magneto/Start Switch	START IF ENGINE IS NOT WINDMILLING

a.- If engine Starts:

Throttle	ADJUST TO DESIRE POWER
Mixture	LEAN FOR SMOOTH OPERATION

### 4.- ENGINE FIRE DURING START:

Mixture	IDLE CUT-OFF
Continue Crack Eng.	IF STARTING
Fuel Selector Valve	OFF
Magneto/Start Switch	OFF
Bat and Alt Switches	OFF
Fire Extinguisher	USE TO EXTINGUISH FIRE

### 5.- FIRE IN FLIGHT:

Mixture	IDLE CUT-OFF
Fuel Selector Valve	OFF
Magneto/Start Switch	OFF
Alternator Switch	OFF
Cabin Heat and Vent Controls	OFF
<b>Do not attempt to restart engine</b>	

a.- When certain of reaching the selected landing site:

Airspeed	ESTABLISH 63 KIAS
Flaps	DOWN
Battery Switch	OFF