



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“BEEHCRAFT BARÓN B-55”

A.- Limitaciones de Operación

1.- Limitaciones KIAS)

Va	157
Vne	224
Vno	183
Vfe (Full DN 30°)	122
Vle	153
Vmca	78
Vs	79
Vso	73
Vx	84
Vy	107
Vsse	84
Vxse	91
Vyse	99
Emergency Descent	153
Vplaneo	120
Vapp (Flap DN)	90
Max Cross Wind	22

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	106 / 142
Combustible Usable	100 / 136
Presión de Combustible (PSI)	
Mínima	1,5
Máxima	17,5

3.- Pesos (LBS)

Máximo TAKE-OFF	5.100
Máximo Baggaje FWD	300
Máximo Baggaje AFT	400

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	260
Máximas RPM	2.625
Temperatura Cabeza de Cilindros (°F)	
Máxima	460
Mínima	200
Temperatura de aceite (°F)	
Máxima	225
Mínima	75
Presión de aceite (PSI)	
Máxima	80
Mínima	30

5.- Limites de Maniobras

Spin (Flaps UP)	PROHIBIT
Escarpados	157

B.- Emergencies Procedures

1. ENGINE FAILURE DURING TAKEOFF

Throttle	CLOSED
Braking	MAXIMUM

If insufficient runway remains for stopping:

Fuel Selector Valves	OFF
Battery	OFF
Generator / Alternator	OFF
Magneto / Start Switches	OFF

2. ENGINE FAILURE AFTER LIFT-OFF AND IN FLIGHT

Landing Gear And Flaps	UP
Throttle (Inop. Engine)	CLOSED
Propeller (Inop. Engine)	FEATHER
Power (Oper. Engine)	AS REQUIRED
Airspeed	MAINTAIN SPEED AT ENGINE FAILURE (99 KIAS MAX.) UNTIL OBSTACLES ARE CLEARED

3. ENGINE FIRE (GROUND)

Mixture Controls	IDLE CUT-OFF
Continue	TO CRANK AFFECT ENGINE
Fuel Selector Valves	OFF
Battery and Generator/Alternator Switch	OFF
Extinguish	WITH FIRE EXTINGUISHER

4. ENGINE FIRE IN FLIGHT

Fuel Selector Valves	OFF
Mixture Controls	IDLE CUT-OFF
Propeller	FEATHERED
Aux Fuel Pump	OFF
Magneto/Start Switch	OFF
Generator/Alternator Switch	OFF

5. EMERGENCY DESCENT

Propellers	2.625 RPM
Throttles	CLOSED
Airspeed	153 KIAS
Landing Gear	DOWN
Flaps	APPROACH (15°)