



DEPARTAMENTO "SEGURIDAD OPERACIONAL"
SUBDEPARTAMENTO "LICENCIAS"
SECCIÓN EVALUACIONES

"BEEHCRAFT BARÓN C-55/D-55/E-55"

A.- Limitaciones de Operación

1.- Limitaciones (KIAS)

Va	156
Vne	224
Vno	196
Vfe (Approch 15°)	152
Vle	152
Vmca	80
Vs	83
Vso	73
Vx	87
Vy	102
Vsse	85
Vxse	96
Vyse	99
Emergency Descent	152
Vbalked landing	88
Vapp (Flap DN)	88
Max Cross Wind	22

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	112/142
Combustible Usable	106/136
Presión de Combustible (PSI)	
Máxima	17,5
Mínima	1,5

3.- Pesos (LBS)

Máximo TAKE-OFF	5.300
Máximo Baggaje FWD	300
Máximo Baggaje AFT + EXT	400+120

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	285
Máximas RPM	2.700
Temperatura Cabeza de Cilindros (°F)	
Máxima	460
Mínima	200
Temperatura de aceite (°F)	
Máxima	240
Mínima	75
Presión de aceite (PSI)	
Máxima	100
Mínima	30

5.- Límites de Maniobras (Cat.)

Spin (Flaps UP)	PROHIBIT
Escarpados	156

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

After positive control of the airplane is established:

Secure Inoperative Engine:

Mixture Control	IDLE CUT-OFF
Fuel Selector	OFF
Auxiliary Fuel Pump	OFF
Magneto/Start Switch	OFF
Alternator Switch	OFF

Cowl Flap

CLOSED

3. ENGINE FIRE ON THE 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

2.700 RPM

Throttles

CLOSED

Airspeed

152 KIAS

Landing Gear

DOWN

Flaps

APPROACH (15°)