



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“BEECHCRAFT BARÓN 58TC”

A.- Limitaciones de Operación

1.- Limitaciones (KIAS)

Va below 23.000'	170
Vne	235
Vno	196
Vfe (Approch 15°)	177
Vle	177
Vmca	81
Vs	83
Vso	76
Vx	95
Vy	115
Vsse	87
Vxse	102
Vyse	115
Emergency Descent	177
Vbalked landing	92
Vapp (Flap DN)	101
Max Cross Wind	30

2.- Combustible (U.S. GAL)

Tipo a Utilizar	100/130
Capacidad Total	172/196
Combustible Usable	166/190
Presión de Combustible (PSI)	
Máxima	
Mínima	

3.- Pesos (LBS)

Máximo TAKE-OFF	6.200
Máximo Baggaje NOSE	350
Máximo Baggaje AFT + EXT	120+600

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	325
Máximas RPM	2.700
Temperatura Cabeza de Cilindros (°C)	
Máxima	238
Mínima	116
Temperatura de aceite (°C)	
Máxima	116
Mínima	24
Presión de aceite (PSI)	
Máxima	100
Mínima	10

5.- Límites de Maniobras (Cat. Normal)

Máxima Deslizada (Tiempo)	30''
Escarpados	170

B.- Emergencies Procedures

1. ENGINE FAILURE DURING GROUND ROLL

Throttle	CLOSED
Braking	MAXIMUM
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	AT OR ABOVE THE 50 FT TAKE-OFF SPEED

After positive control of the airplane is established:

Secure Inoperative Engine:

Mixture Control	IDLE CUT-OFF
Fuel Selector	OFF
Fuel Boost 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	OFF
Throttle	FULL OPEN
Battery and Alternator Switches	OFF
Air Condition Switch	OFF
Shut Down	OTHER ENGINE
Extinguish	WITH FIRE EXTINGUISHER

4. ENGINE FIRE IN FLIGHT

Fuel Selector	OFF
Mixture Controls	IDLE CUT-OFF
Propeller	FEATHERED
Fuel Boost Pump	OFF
Magneto/Start Switch	OFF
Alternator Switch	OFF
Oxygen	AS REQUIRED
Air Condition Switch	OFF

5. EMERGENCY DESCENT

Throttles	CLOSED
Propellers	2.700 RPM
Airspeed	162 KIAS (above 21.000')
	177 KIAS (at or above 21.000')
Landing Gear	DOWN
Flaps	APPROACH (15°)