



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“BRITTEN-NORMAN ISLANDER BN2B”

A.- Limitaciones de Operación

1.- Limitaciones (MPH)

Va	-.-
Vne	204
Vno	170
Vfe (Full DN)	-.-
Vle	-.-
Vmca	-.-
Vs	57
Vso	40
Vx	75
Vy	75
Vsse	-.-
Vxse	-.-
Vyse	75
Emergency Descent	-.-
Vbalked landing	75
Vapp (Flap DN)	-.-
Max Cross Wind	35

2.- Combustible (U.S. GAL)

Tipo a Utilizar	91/96
Capacidad Total	196
Combustible Usable	-.-
Presión de Combustible (PSI)	
Máxima	-.-
Mínima	-.-

3.- Pesos (LBS)

Máximo TAKE-OFF	6.600
Máximo LANDING	6.300
Máximo Baggaje	400

4.- Motor (Potencia Máxima Continua)

Limitaciones Operativas de Motor	
Razón HP o BHP	260
Máximas RPM	2.700
Temperatura Cabeza de Cilindros (°F)	
Máxima	-.-
Mínima	-.-
Temperatura de aceite (°F)	
Máxima	-.-
Mínima	-.-
Presión de aceite (PSI)	
Máxima	-.-
Mínima	-.-

5.- Límites de Maniobras (Cat.)

Spin (Flaps UP)	PROHIBIT
Escarpados	-.-

B.- Emergencies Procedures

1. ENGINE FAILURE DURING TAKEOFF

Throttle	CLOSED
Brake	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 (100 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
Fuel Boost Pump	OFF
Magneto/Start Switch	OFF
Generator 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 Switch	OFF
Extinguish	WITH FIRE EXTINGUISHER

4. ENGINE FIRE IN FLIGHT

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

5. EMERGENCY DESCENT

Propellers	2.625 RPM
Throttles	CLOSED
Airspeed	143 KIAS
Landing Gear	DOWN
Flaps	UP