



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

“BEECHCRAFT C-90A”

A.- Limitaciones de Operación

1.- Limitaciones (KIAS)	
Va	169
Vne	226
Vno	226
Mmo	0.46 Mach
Vfe approach	184
Vfe down	148
Vlo extension	182
Vlo retraction	163
Vle	182
Vmca	80
Vx	
Vy	
Vxse	100
Vyse	108
Emergency Descent	182
Max. Glide Speed	125
Max Cross Wind	
Flaps UP Landing	115

2.- Combustible (LBS)	
Tipo a Utilizar	JET-A/JET-A1
Capacidad Usable	2.573
Capacidad Nacela	402 c/u
Capacidad Wing Tank	84.5 c/u
Imbalance	200

3.- Pesos (LBS)	
Maximum TAKE-OFF	10.100
Max Nose Baggage	350
Max Rear Baggage	350

4.- Starter Limitations					
40	SEG	ON	60	SEG	OFF
40	SEG	ON	60	SEG	OFF
40	SEG	ON	30	MIN	OFF

5.- Speed Cruise (KIAS)	
SL - 10.000'	150
10.000 - 20.000'	130
20.000 - 25.000'	120
25.000' - 30.000'	110

B.- Emergencies Procedures

1.- ENGINE FAILURE

Condition Lever	FUEL CUT-OFF
Propeller Lever	FEATHER
Fuel Firewall Shutoff	CLOSED
Extinguisher	ACTIVATE

2.- ENGINE FAILURE DURING GROUND ROLL

Power Lever	GROUND FINE
Brakes	MAXIMUM
Condition Lever	FUEL CUT-OFF
Fuel Firewall Shutoff	CLOSED
Master Switch	OFF
Boost Pumps	OFF

3.- ENGINE FAILURE AFTER LIFT OFF

Maximum Continuous Power	SET
Airspeed	MAINTAIN
Landing Gear	UP
Propeller	FEATHER
Airspeed	108 KIAS

4.- ENGINE FAILURE IN FLIGHT BELOW V_{mca}

Reduce Power

**OPERATIVE ENGINE AS REQUIRED TO
MAINTAIN CONTROL**

Lower Nose

TO ACCELERATE ABOVE V_{MCA}

5.- ENGINE FLAME OUT (2ND Engine)

Power lever

IDLE

Propeller

DO NOT FEATHER

Condition lever

CUT-OFF

6.- ENGINE FIRE ON GROUND

Condition lever

FUEL CUT-OFF

Fuel Firewall Shutoff

CLOSED

7.- ELECTRICAL SMOKE ON FIRE

Oxygen System Control

PULL ON

Crew

DON MASKS

8.- CABIN DOOR UNLOCKED

All Occupants

SEATED WITH SEAT BELTS

9.- EMERGENCY DESCENT PROCEDURE

Power levers	IDLE
Propeller levers	HIGH RPM
Wing Flaps	APPROACH
Landing Gear	DOWN
Airspeed	182 KIAS

10.- GLIDE

Landing Gear	UP
Wing Flaps	UP
Propeller levers	FEATHER
Airspeed	125 KIAS