



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“BEEHCRAFT SUPER KING AIR BE-200”

“EMPRESA AÉREA TORREON”

A.- Limitaciones de Operación

1.- Limitaciones (KIAS)	
Va	181
Vb	170
Vmo	259
Mmo (Mach)	0.52
Vfe Approach 40%	200
Vfe Full Down 100%	143
Vmca (Hartzell)	86
Vs	99
Vso	75
Vx	100
Vy	125
Vyse	121
V ₁	95
Vapp	103
Max Cross Wind	25

2.- Combustible (Libras)	
Tipo a Utilizar	JET A-1
Capacidad Total	5.486

3.- Pesos (LBS)	
Máximo TAKE-OFF	12.500
Máximo LANDING	12.500
MAX ZFW	10.400

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

B.- Emergencies Procedures

1.- ENGINE FAILURE IN FLIGHT BELOW V_{MCA}

Condition Lever	FUEL CUTOFF
Prop Lever	FEATHER
Firewall Shutoff Valve	CLOSE
Fire Extinguisher (if installed) (if fire warning persists)	ACTUATE

2.- ENGINE FIRE ON GROUND

Condition Lever	FUEL CUTOFF
Firewall Shutoff Valve	CLOSE
Ignition and Engine Start	STARTER ONLY
Fire Extinguisher (if installed)	ACTUATE

3.- ENGINE SHUTDOWN

Condition Levers	CUTOFF
Prop Levers	FEATHER
Firewall Shutoff Valves	CLOSE
Fire Extinguisher (if installed)	AS REQUIRED

4-. ENGINE FAILURE PRIOR TO Vr

Power levers	IDLE
Brakes	AS REQUIRED
Operative engine	MAXIMUM REVERSE

a.- If insufficient runway remains for stopping:

Condition Levers	FUEL CUTOFF
Firewall Shutoff Valves	CLOSE
Master switch	OFF (Gang bar down)

5-. ENGINE FAILURE AFTER LIFT OFF

Power	MAXIMUM ALLOWABLE
Airspeed	MAINTAIN (take-off speed or above)
Landing Gear	UP
Prop Lever (inoperative engine)	FEATHER
	(or verify FEATHERED if autofeather is installed)
Airspeed (After obstacle clearance altitude is reached)	Vy _{se}

6-. ENGINE FAILURE IN FLIGHT BELOW AIR MINIMUM CONTROL SPEED (V_{MCA})

Power	REDUCE AS REQUIRED TO MAINTAIN CONTROL
Nose	LOWER TO ACCELERATE ABOVE V _{MCA}

7-. ENGINE FLAMEOUT (2ND ENGINE)

Power Lever	IDLE
Prop Lever	DO NOT FEATHER
Condition Lever	FUEL CUTOFF
Conduct Air Start Procedures in ABNORMAL PROCEDURES	

8-. EMERGENCY DESCENT

Power Levers	IDLE
Prop Levers	FULL FORWARD
Flaps	APPROACH
Landing Gear	DOWN
Airspeed	181 KNOTS MAXIMUM

9-. UNSCHEDULED ELECTRIC ELEVATOR TRIM ACTIVATED

Airplane Attitude	MAINTAIN (Using elevator control)
Control Wheel Disconnect Switch	DEPRESS SECOND LEVEL

10-. BLEED AIR LINE FAILURE

Bleed Air Valve (Affected Engine)	INST & ENVIRONMENT OFF
[L BL AIR OFF] or [R BL AIR OFF]-ILLUMINATED	

11-. SPINS

Control Column

FULL FORWARD

Full Rudder

AILERONS NEUTRAL

OPPOSITE THE DIRECTION OF
SPIN

Power Levers

IDLE

Rudder

NEUTRALIZE WHEN ROTATION
STOPS

Execute a Smooth Pullout