DEPARTAMENTO "SEGURIDAD OPERACIONAL"
SUBDEPARTAMENTO "LICENCIAS"
SECCIÓN EVALUACIONES

"BEECHCRAFT SUPER KING AIR B200/B200C"

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%	157
Vmca (Hartzell)	86
Vs	99
Vso	75
Vx	100
Vy	125
Vyse	121
V_1	95
Vapp	103
Max Cross Wind	25

2.- Combustible (U.S. GAL)	
Tipo a Utilizar	JET A-1
Capacidad Total	544

3.- Pesos (LBS)	
Máximo TAKE-OFF	12500
Máximo LANDING	12500
MAX ZFW	11000

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

B.- Emergencies Procedures

1-. ENGINE FAILURE IN FLIGHT OR FIRE IN FLIGHT

a.- Affected engine:

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

a.- Affected engine:

Condition Lever	FUEL CUTOFF
Firewall Shutoff Valve	CLOSE
Ignition and Engine Start	STARTER ONLY

b.- If Fire Warning Persists:

Fire Extinguisher (if installed)	ACTUATE

3-. ENGINE SHUTDOWN ON THE GROUND

Condition Levers	FUEL CUTOFF
Prop Levers	FEATHER
Firewall Shutoff Valves	CLOSE
Master Switch (gang bar)	OFF

4-. ENGINE FAILURE DURING TAKEOFF (AT OR BELOW V_1) TAKEOFF ABORTED

Power levers	GROUND FINE
Brakes	AS REQUIRED TO ACHIEVE STOPPING DISTANCE
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 DURING TAKEOFF (AT OR ABOVE V_1) TAKEOFF CONTINUED

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)	Vyse

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-. FUEL PRESSURE LOW (L or R FUEL PRESS ANNUNCIATOR)

Standby Pump (failed side)	ON

9-. ELECTRICAL SMOKE OR FIRE

Oxygen System Ready	CONFIRM ON
Crew (Diluter Demand Masks)	DON MASKS
Mask Selector Switch	EMERGENCY Position
Mic Selector	OXYGEN MASK
Audio Speaker	ON

10-. ENVIRONMENTAL SYSTEM SMOKE OR FUMES

Oxygen System Ready	CONFIRM ON
Crew (Diluter Demand Masks)	DON MASKS
Mask Selector Switch	EMERGENCY Position
Mic Selector	OXYGEN MASK
Audio Speaker	ON

11-. CABIN OR CARGO DOOR UNLOCKED (DOOR UNLOCKED Annunciator)

All Occupants	SEATED WITH SEAT BELTS SECURELY FASTENED

12-. EMERGENCY DESCENT

Oxygen	CREW REQUIRED
(Passengers as required)	
Oxygen System Ready	CONFIRM ON
Crew (Diluter Demand Masks)	DON MASKS
Mic Selector	OXYGEN MASK
Audio Speaker	ON
Passenger Manual Drop Out	PULL ON
Passengers	PULL LANYARD PIN, DON MASK
Power Levers	IDLE
Prop Levers	FULL FORWARD
Flaps	APPROACH
Landing Gear	DOWN
Airspeed	181 KNOTS MAXIMUM

13-. GLIDE

Landing Gear	UP
Flaps	UP
Props	FEATHERED
Airspeed	135 KNOTS

14-. INVERTER INOPERATIVE (INVERTER Annunciator)

Select	THE OTHER INVERTER.

15-. DUAL GENERATOR FAILURE

Generators	RESET, THEN ON

a.- If Either Generator Will Reset:

Operating Generator Loadmeter	DO NOT EXCEED 100% (88% above 31,000 feet)

16-. UNSCHEDULED ELECTRIC ELEVATOR TRIM

Airplane Attitude	MAINTAIN (Using elevator control)
Control Wheel Disconnect Switch	FULLY DEPRESS
2nd level, ELECT TRIM OFF Annunciator	ILLUMINATED

17-. UNSCHEDULED RUDDER BOOST ACTIVATION

Directional control	MAINTAIN USING RUDDER PEDALS
Rudder boost	OFF

18-. USE OF OXYGEN

Cabin Pressure Altitude	TUC
Oxygen System Ready	CONFIRM ON
Crew (Diluter Demand Masks)	DON MASKS
Mic Selector	OXYGEN MASK
Audio Speaker	ON
Passenger Manual Drop Out	PULL ON
Passengers	PULL LANYARD PIN, DON MASK

19-. PRESSURIZATION LOSS (ALT WARN Annunciator)

Oxygen	
Oxygen System Ready	CONFIRM ON
Crew (Diluter Demand Masks)	DON MASKS
Mic Selector	OXYGEN MASK
Audio Speaker	ON
Passenger Manual Drop Out	PULL ON
Passengers	PULL LANYARD PIN, DON MASK
Descend	AS REQUIRED

20-. AUTO - DEPLOYMENT OXYGEN SYSTEM FAILURE (ALT WARN Annunciator Illuminated y PASS OXY ON Annunciator Not Illuminated)

Passenger Manual Drop Out	PULL ON

21-. HIGH DIFFERENTIAL PRESSURE (Cabin Differential Pressure Exceeds 6.6 psi)

Bleed Air Valves	ENVIRONMENT OFF
Oxygen (Crew and Passengers)	AS REQUIRED
Descend	AS REQUIRED

22-. BLEED AIR LINE FAILURE (L or R BL AIR FAIL Annunciator)

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

23-. SPINS

Control Column	FULL FORWARD
	AILERONS NEUTRAL
Full Rudder	OPPOSITE THE DIRECTION OF SPIN
Power Levers	IDLE
Rudder	NEUTRALIZE WHEN ROTATION STOPS

Execute a Smooth Pullout