



DEPARTAMENTO “SEGURIDAD OPERACIONAL”
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EVALUACIONES

“BEECHCRAFT SUPER KING AIR A-300”

“AEROVIAS DAP”

A.- LIMITACIONES DE OPERACIÓN

1.- Limitaciones de Velocidad (KIAS)	
Va	181
Vb	170
Mmo(Mach)	0.58
Vmo	259
Vfe 10°	200
Vfo	157 – 200
Vle	181
Vlo	163 - 181
Vmca Faps app.	86
Vmca Flaps UP	92
Vx	122
Vy	137
Vxse	120
Vyse	122
Emergency Descent	181
Balked Land. Climb	105
Vapp (Full Flaps)	105
Max Cross Wind	25

2.- Combustible (LBS)	
Tipo a Utilizar	JET A-JET A1- JET B
Capacidad Total	3611
Cada Estan. Principal	1273
Cada Aux. Estan	533

3.- Pesos (LBS)	
Máximo TAKE-OFF	14.000
Máximo Landing	14.000
Baggage AFT Not Equip	550

4.- Starter Limitations					
30	Seconds	ON	5	Min.	OFF
30	Seconds	ON	5	Min.	OFF
30	Seconds	ON	30	Min.	OFF

B.- EMERGENCIES PROCEDURES

1.- ENGINE FAILURE DURING TAKE-OFF(AT OR BELOW V1)

a. - Below Take-off Speed:

Power Levers	GROUND FINE
Brakes	MAXIMUM OR AS REQUIRED

If Insufficient Runway remains for stopping:

Condition Lever	FUEL CUT-OFF
Firewall Fuel Valves	CLOSED
Master Switch	OFF

2.- ENGINE FAILURE DURING TAKE-OFF(AT OR ABOVE V1)

TAKE OFF CONTINUED

Power	MAXIMUM ALLOWABLE
Landing Gear	UP
Airspeed	MAINTAIN V2 TO 400 FEET AGL
Propeller (Inoperative Engine)	VERIFY FEATHERED

3. - ENGINE FIRE OR FAILURE IN FLIGHT

a. - Affected Engine:

Condition lever	FUEL CUT-OFF
Propeller Lever	FEATHER
Firewall Fuel Valve	CLOSED
Fire Extinguisher	ACTUATE

4. - ENGINE FIRE ON GROUND

Affected Engine:

Condition lever	FUEL CUT-OFF
Firewall Fuel Valve	CLOSED
Starter Switch	STARTER ONLY
Fire Extinguisher	ACTUATE

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

Reduce Power	ON OPERATIVE ENGINE AS REQUIRED TO MAINTAIN CONTROL
Lower Nose	TO ACCELERATE ABOVE V_{MCA}
Adjust Power	AS REQUIRED

6. - EMERGENCY DESCENT

Power lever	IDLE
Propeller controls	FULL FORWARD
Flaps (200Knts maximum)	APPROACH
Landing Gear (181 Knts maximum)	DOWN
Airspeed	181 KNOTS MAXIMUM

7. - GLIDE

Landing Gear	UP
Wing Flaps	UP

8. – ELECTRICAL SMOKE OR FIRE

Oxygen Mask(s)	DON
Mask Selector Switch	EMERG POSITION
Headset(s)	DON, OR AUDIO SPEAKER(S) ON
Mic Switch(es)	OXYGEN MASK