



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

**“DE HAVILLAND CANADA TWIN OTTER DHC-6 SERIE 300”  
“INVERSIONES AÉREAS PATAGONÍA”**

**A.- Limitaciones de Operación**

1.- Limitaciones de Velocidad	
	KIAS
Va (S/L a 18.000)	132
Vb (S/L a 18.000')	132
Vne (S/L)	198
Vmo (S/L – 6700')	166
Vfe 10°	103
Vmca 10° (autofeather)	64
Vs	73
Vso	56
Vx	87
Vy	100
Vyse	80
V <sub>1</sub>	73
Vapp (flaps 37.5°)	74
Max Cross Wind	20 kts

**2.- Combustible (U.S. GAL)**

Tipo a Utilizar	Jet A1
Capacidad Total	2576 Lbs.

**3.- Pesos (LBS)**

Máximo TAKE-OFF	12500
Baggage FWD	300
Baggage AFT	500

**4.- Starter Limitations**

25	seconds	ON	1	Minute	Off
25	seconds	ON	1	Minute	Off
25	seconds	ON	30	Minute	Off

**5.- Velocidades por Altitudes**

Vmo		Vne	
	KIAS		KIAS
S/L a 6,700'	166	S/L	198
10,000'	156	6,700'	189
15,000'	141	10,000'	182
20,000'	126	15,000'	172
25,000'	112	20,000'	162
		25,000'	152

## **B.- Emergencies Procedures**

### **1.- ENGINE FAILURE DURING TAKE-OFF BEFORE VMC OR V1**

Power Levers	<b>IDLE</b>
Brakes	<b>APPLY</b>
Checklist	

### **2. - ENGINE FAILURE DURING TAKE-OFF ABOVE VMC OR V1**

Power	<b>SET MAX POWER</b>
Airspeed	<b>V<sub>2</sub></b>
Flaps	<b>10°</b>
Prop Lever (Inop. Eng)	<b>CHECK FEATHER</b>
Checklist	

### **3. - ENGINE FAILURE DURING FLIGHT**

Power (Oper. Eng)	<b>AS REQUIRED</b>
Engine Fire Instructions (Affected Eng.)	<b>COMPLETE, T HANDLE AS REQUIRED</b>
Checklist	

#### 4. - POWER PLANT FIRE ON THE GROUND

Fire Bell	MUTE
Parking Brake	ON
Power Levers	BOTH IDLE
PROP lever	BOTH FEATHER
FUEL lever	OFF
FUEL OFF emergency switch	OFF
FIRE PULL HANDLE (affect eng.)	PULL
BOOSTER PUMP switches	OFF
DC MASTER switch	OFF
Fire Extinguisher	USE IF NEEDED
Evacuate airplane	

#### 5. - POWER PLANT FIRE IN FLIGHT

Power (Operating engine)	AS REQUIRED
Engine Fire Instruction (Affected Eng.)	COMPLETE, T HANDLE AS REQUIRED
Checklist	