



**DIRECCIÓN GENERAL DE AERONÁUTICA CIVIL
DEPARTAMENTO DE SEGURIDAD OPERACIONAL
SUBDEPARTAMENTO “LICENCIAS”
SECCIÓN EXÁMENES**

“DE HAVILLAND AIRCRAFT OF CANADA LIMITED DHC-8 SERIES 400”
“AEROVÍAS DAP”

NOMBRE : _____ FIRMA: _____

FECHA : _____

A.- Limitaciones de Operación

1.- Limitaciones (KCAS/KIAS)		3.- Pesos (LBS)	
Va		MTOW	
Vmcg 15°/10°/5°		MLW	
Vfe 5°		ZFW	
Vfe 10°			
Vfe 15°			
Vfe 35°		4.- Starter Limitations	
Vlo			
Vle			
Alternate Gear Extension Speed			
Rough Air Speed			
Max Cross Wind TO/LD 06'			
Max Tail Wind TO/LD		5.- Starter Limitations APU	
2.- Combustible	LBS	6.- (Vmo) (KIAS)	
Tipo a Utilizar		SL – 8.000'	
Usable fuel per Tank		10.000'	
Max Fuel Imbalance		18.000'	
		20.000'	
		25.000'	

B.- Emergencies Procedures

1.- ON GROUND NON-NORMAL

When airplane comes to a stop:

Emergency Brake

ENGINE FIRE:

ENGINE FIRE (On Ground)

ENGINE FAILURE:

Power levers

Condition lever (affected)

Pull Fuel/Hyd Off handle (affected)

Tank Aux Pump (affected)

OTHER FAILURE:

Appropriate Abnormal / Emergency procedure(s)

2.- ABORTED ENGINE START

Condition Lever

Start Select

3.- ENGINE FIRE ON GROUND

EMERGENCY BRAKE lever

POWER levers

Condition levers

PULL FUEL/HYD OFF handle (affected)

TANK AUX PUMP (1 and 2)

EXTG switch (affected engine)

Wait up to 30 seconds, if fire persists:

EXTG switch

Evacuate airplane

4.- EVACUATION

Emergency Brake

Power Levers

Condition Levers

PULL FUEL/HYD OFF handles

Emergency Lights

Fasten Seat Belts

Evacuation

AC/DC Pwr and APU

Battery Master

5.- OIL PRESSURE BELOW 44 PSI or “#1 ENG OIL PRESS” or “#2 ENG OIL PRESS”

Warning light)

Affected Engine

ENGINE FAILURE/ FIRE /SHUTDOWN

6.- PROPELLER OVERSPEED (Propeller increases above 1020 RPM and “#1 PEC” or “#2 PEC” Caution Light illuminates.)

Above 400 ft AGL:

Airspeed

Affected Engine:

Power lever

Condition lever

Alternate Feather (if req'd)

IF propeller does not feather:

DO NOT SHUT DOWN ENGINE.

Alternate Feather

Condition levers

Power levers

Land immediately at the nearest suitable airport.

IF propeller feathers:

ENGINE FAILURE/ FIRE/SHUTDOWN

7.- UNSCHEDULED PROPELLER FEATHERING (May be indicated by high torque)

Above 400 ft AGL:

Affected Engine:

Power lever

ENGINE FAILURE/ FIRE /SHUTDOWN

8.- PROPELLER GROUND RANGE ADVISORY LIGHT CYCLING

Power levers

9.- “#1 ENG FADEC FAIL” or “#2 ENG FADEC FAIL” (Warning Light)

Affected Engine:

ENGINE FAILURE/ FIRE/SHUTDOWN

10.- RAPID DEPRESSURIZATION / EMERGENCY DESCENT

Oxygen masks

MIC switch

Passenger Signs

EMERGENCY DESCENT, accomplish as required:

POWER levers

Condition levers

Airspeed

11.- ENGINE FAILURE/FIRE BEFORE V_1

Both POWER levers

Simultaneously:

Braking

Carry out ENGINE FIRE ON GROUND procedure after airplane has stopped

12.- ENGINE FAILURE/FIRE AFTER V_1

At VR

After lift-off

Positive rate of climb:

LANDING GEAR lever

Climb

13.- ENGINE FAILURE/FIRE/SHUTDOWN (In Flight)

Affected Engine:

POWER lever

Condition lever

Alternate Feather (if Required)

PULL FUEL/HYD OFF handle

TANK AUX PUMP switch

If Fire:

EXTG switch (affected engine)

Wait up to 30 seconds, if fire persists:

EXTG switch (affected engine)

14.- “SMOKE” (Warning Light)

(SMOKE Warning Light and related Baggage / Cargo SMOKE and EXTG Advisory Lights) OR
FUSELAGE FIRE, SMOKE or FUMES

Oxygen Masks

Smoke Goggles (if applicable)

Mic Switch

Recirc Fan

IF SMOKE/EXTG switch is illuminated:

Illuminated SMOKE / EXTG switch

15.- ROLL CONTROL JAM

Autopilot

Roll Disc Handle

Control Wheels

Pilot with free control wheel will fly the aircraft.

16.- ROLL CONTROL MALFUNCTION (Airplane rolls with no Control Wheel input)

Roll control

IF continuous illumination of SPLR 1 or SPLR 2 PUSH OFF switchlights in wings-level flight:

Illuminated switchlight

17.- AILERON TRIM RUNAWAY

Airspeed

Aileron Trim

18.- PITCH CONTROL JAM

Autopilot

Flap and Airspeed

Control Columns

IF unable to overcome jam:

Relax control column force.

Pitch Disc Handle

Control Columns

Pilot with free control column will fly the aircraft.

19.- ELEVATOR TRIM SWITCH FAILURE

(Illumination of Elevator Trim Shutoff switchlight and Audio Tone for elevator trim in motion)

Elevator Trim Shutoff

20.- RUDDER JAM

(Restricted Rudder Pedal Movement)

Warning: Should the rudder pedal (rudder jam) suddenly break free, do not apply rudder pedal input in

the opposite direction.

Affected rudder pedal

Rudder pedal moves as required:

Affected rudder pedal

21.- “RUD 1 PUSH OFF” or “RUD 2 PUSH OFF” (Switchlight On)

Illuminated switchlight

22.- RUDDER TRIM ACTUATOR RUNAWAY

Rudder Trim
