

DESCRIPTION

Electrical heating protects :

- pitot heads.
- static ports.
- Angle-Of-Attack (AOA) probes.
- Total Air Temperature (TAT) probes.

Three independent Probe Heat Computers (PHC) automatically control and monitor :

- Captain probes
- F/O probes
- STBY probes

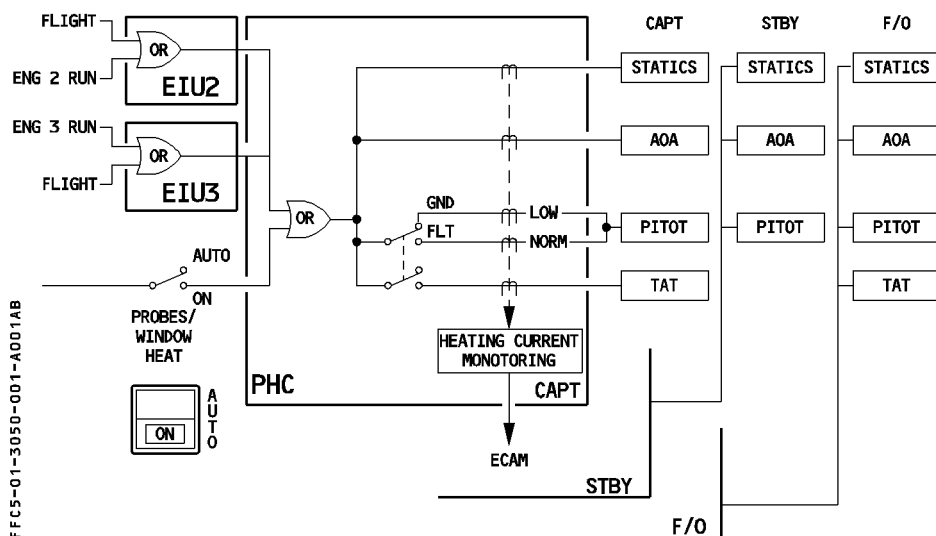
They protect against overheating and indicate fault.

The probes are heated :

- automatically when engine 2 or 3 is running, or in flight
- manually, when the flight crew switches ON the PROBE/WINDOW HEAT pushbutton switch.

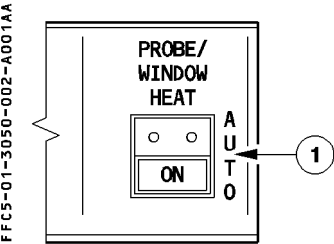
On the ground, the TAT probes are not heated and pitot heating operates at low level (the changeover to normal power in flight is automatic).

FOR INFO



CONTROLS AND INDICATORS

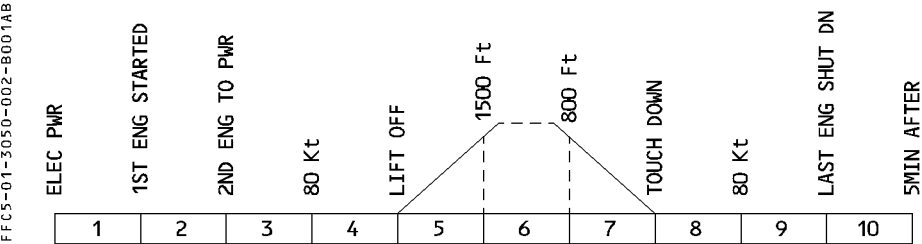
OVERHEAD PANEL



① PROBES/WINDOW HEAT pb sw

- AUTO : Probes/windows are heated automatically :
- in flight or
 - on the ground (except TAT probes) provided engine 2 or 3 is running
- ON It : Blue light indicates that the probes and windows are heated (except TAT probes on the ground).

WARNINGS AND CAUTIONS



EWD : FAILURE TITLE conditions	AURAL WARNING	MASTER LIGHT	SD PAGE CALLED	LOCAL WARNING	FLT PHASE INHIB
CAPT (F / O)(STBY) PROBES HEAT failure of one PHC	SINGLE CHIME	MASTER CAUT	NIL	NIL	4, 5, 7, 8
CAPT (F / O)(STBY) PITOT HEAT					3, 4, 5, 7, 8
CAPT (F / O)(STBY) AOA HEAT					
CAPT (F / O)(STBY) L(R) STAT HEAT					
CAPT (F / O) TAT HEAT failure of corresponding probe heating					