

	FIRE PROTECTION AVIONICS BAY		1.26.30	P 1
			SEQ 001	REV 09

DESCRIPTION

The avionics smoke detection is provided by :

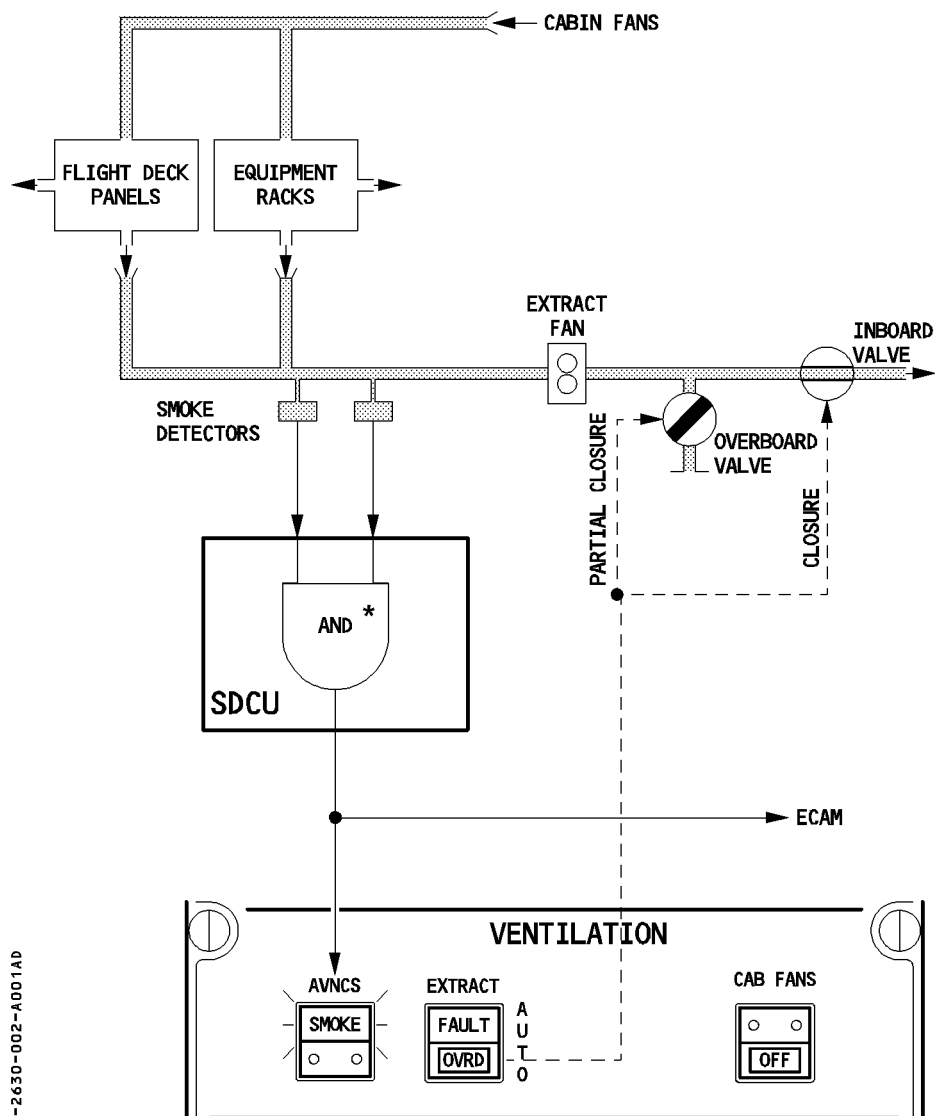
- two smoke detectors (ionization type) in the air extraction duct of the avionics ventilation system. Each detector is linked to one of the two detection loops (dual loop principle).
- the smoke detection control unit (SDCU) receives signals from the two detectors and transmits them to ECAM, which displays a warning in the cockpit.

Smoke activates the avionics smoke warning if :

- both detectors detects it
- one smoke detector detects it and the other is inoperative.

When smoke is detected :

- Repetitive Chime sounds
- The MASTER WARNING lights on the glareshield come on.
- ECAM displays a caution on the E/WD.
- SMOKE light comes on, on the VENTILATION panel



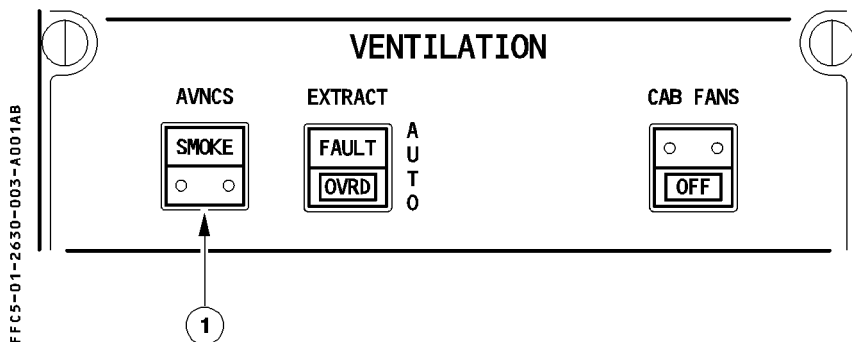
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* { "AND" LOGIC WHEN BOTH DETECTORS ARE OPERATIVE
"OR" LOGIC WHEN EITHER DETECTOR IS INOPERATIVE

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CONTROLS AND INDICATORS

OVERHEAD PANEL

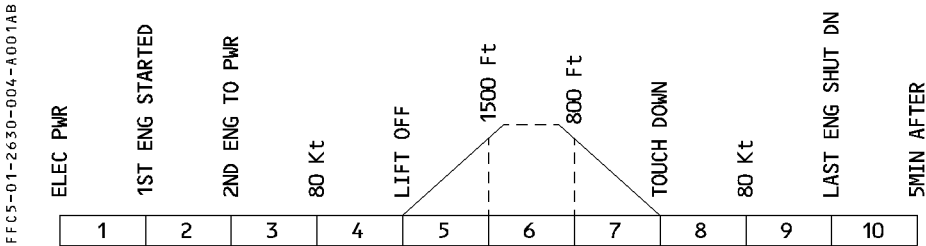


① AVNCS SMOKE

SMOKE It : Comes on red along with a warning on ECAM, when smoke is detected in the avionics ventilation duct.

Note : For test, see CARGO COMPARTMENTS, CONTROLS AND INDICATORS (Refer to 1.26.50)

WARNINGS AND CAUTIONS



E / WD: FAILURE TITLE conditions	AURAL WARNING	MASTER LIGHT	SD PAGE CALLED	LOCAL WARNING	FLT PHASE INHIB
AVNCS VENT SMOKE Smoke detected in the ventilation extraction duct	REPETITIVE CHIME	MASTER WARN	NIL	SMOKE It on VENTILATION panel	4, 5, 7, 8
AVIONICS DET FAULT Loss of the avionic smoke detectors	NIL	NIL	NIL	NIL	3, 4, 5, 7, 8