


Irish Aviation Authority The Times Building 11-12 D'Olier Street Dublin 2, Ireland www.iaa.ie Safety Regulation Division	Údarás Eitlíochta na hÉireann Foirgneamh na hAmanna 11-12 Sráid D'Olier Baile Átha Cliath 2, Éire Rannán na Rialachán Sábháilteachta	AERONAUTICAL NOTICE No. A.22 ISSUE 4 DATE 06.09.19	
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FIRE PRECAUTIONS - AIRCRAFT TOILET COMPARTMENTS

The Irish Aviation Authority in pursuance of Articles 17(3) and 31 of the Irish Aviation Authority (Airworthiness of Aircraft) Order, 1996 (S.I. 324 of 1996), as amended by Irish Aviation Authority (Airworthiness of Aircraft) (Amendment) Order S.I. No. 102 of 1997, as amended by Irish Aviation Authority (Airworthiness of Aircraft) (Amendment) Order S.I. No 684 of 2003, hereby directs that, Where not subject to corresponding and applicable provisions under Regulation (EU) No. 748/2012, as amended which are currently effective the following shall apply:

1. This Notice shall apply to all aircraft of more than 5700 kg maximum total weight authorised and certificated in the Transport Category.
2. Where electric toilet flush motors are installed, they shall be fitted with a thermal protection device to prevent them overheating such as to create a smoke or fire hazard, due to failures of the control circuit, control circuit components, motor or pump, unless it can be shown that:-
 - a) Any failure which causes the motor to run continuously will not thereby result in an overheat condition.
 - b) Failures which could result in an overheat condition will cause the normal supply circuit protection to trip.
3. 3.1. The following check shall be included as a repetitive item on the aircraft maintenance schedule for implementation at each 'B' check on each aircraft concerned for receptacles in toilet compartments
 - a) to ascertain that all entry flaps or doors operate, fit, seal and latch correctly and,
 - b) any defects revealed in (a) shall be recertified.

3.2 Smoking shall not be permitted in toilet compartments. "No Smoking" placards and ash trays shall be provided both inside and outside these compartments where not already fitted.
4. In respect of aircraft with Accommodation for 20 or more passengers and all aircraft type certificated on or after 2nd March 2004;
 - 4.1 Each toilet compartment shall be equipped with a smoke detection system approved in accordance with the appropriate certification code to which the aircraft is certificated, in accordance with Aeronautical Notice A.1, which can provide a visual or aural warning in the aircraft cabin or on the flight deck.
 - 4.2 Each waste disposal receptacle located within a toilet compartment shall be equipped with a built-in fire extinguisher designed to discharge automatically into the receptacle upon the occurrence of a fire therein.

This notice replaces Aeronautical Notice A.22 at issue 3, which should be discarded.

**Chief Executive
Irish Aviation Authority**