



EUROPEAN AVIATION SAFETY AGENCY
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE
EUROPÄISCHE AGENTUR FÜR FLUGSICHERHEIT

EASA Rulemaking Activity regarding Halon

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Cabin Safety
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- RMT.0560, NPA 2014-XX in progress
 - Title: Halon: Update of Part 26 to comply with ICAO standards
 - Applicability:
 - TOR Iss. 1: lavatory and handheld fire extinguisher for newly produced large aeroplane and rotorcraft
 - TOR Iss. 2: under development to possibly cover some CS-23 aeroplanes
 - Schedule:

➤ NPA draft:	March 13th, 2014
➤ Final draft NPA:	September 2014
➤ NPA publication:	January 2015
➤ CRD & Opinion to EC:	July 2015
➤ Commission regulation:	July 2016
➤ CS26:	July 2016

- RMT.0273, NPA 2011-14 closed
 - removing Halon from Book1 of CS-23/-25/-29
 - providing related guidance material in Book2 (AMC)
 - In line with ICAO Annex 8 (new aircrafts)
- RMT. 0206 in progress
 - new ETSO-2C515 for halon-free portable fire extinguishers
 - based on SAE AS 6271 (Halocarbon Clean Agent Handheld Fire Extinguisher)
 - NPA being drafted
- RMT. 0368 planned
 - safety concerns for halon contamination to be addressed



Halon Replacement Dates

Dates for halon replacement					
Purpose	Location of fire extinguishers	ICAO	EC 744/ 2010	Agency	
				CSs	This NPA
End date Mandatory retrofit	Normally unoccupied cargo compartments	No retrofit mandated by ICAO	2040	Not proposed (but the dates in Regulation EC 744/2010 apply directly)	
	Hand-held in cabins and crew compartments		2025		
	Engine nacelles and APU		2040		
	Lavatory waste receptacles		2020		
Forward fit New applications for individual Certificate of Airworthiness (CofA)	Normally unoccupied cargo compartments	Not mentioned	Out of scope of EC Regulation 744/ 2010	Out of scope of CS-23, CS-25 and CS-29 (and of Part 21)	Not proposed
	Hand-held in cabins and crew compartments	2016			2018 (difference with ICAO Annex 6)
	Engine nacelles and APU	Not mentioned			Not proposed
	Lavatory waste receptacles	2011			2015 (difference with ICAO Annex 6)
Cut off New applications for type certificates (new design)	Normally unoccupied cargo compartments	Not mentioned (decision postponed to 2016)	2018	Halon no longer mandated by 'Book 1' of CS-23, CS-25 and CS-29, but neither prohibited, until EC Regulation 744/ 2010 applies	Not proposed (out of scope of Part-26 and CS-26)
	Hand-held in cabins and crew compartments	Mentioned only in Resolution A36-12, which has been repealed	2014		
	Engine nacelles and APU	2014	2014		
	Lavatory waste receptacles	2014	2011		

• **End Date:** i.e. after which the use of halon would no longer be permitted; all halon fire extinguishers and fire protection systems should be replaced, converted or decommissioned by the end date.

• **Cut off:** No new application for Type Certificates possible if halon is present in the design.

• **Source:** latest NPA 2014-XX for RMT0.560, chapter 4.9 (RIA conclusions), table 3



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