



International
Civil Aviation
Organization

Organisation
de l'aviation civile
internationale

Organización
de Aviación Civil
Internacional

Международная
организация
гражданской
авиации

منظمة الطيران
المدني الدولي

国际民用
航空组织

Tel.: +1 (514) 954-8219 ext. 7062

Ref.: AN 3/25.1-08/19

28 March 2008

Subject: Assembly Resolution A36-12 - Halon
Replacement

Action required: To note the resolution and take action
as appropriate

Sir/Madam,

1. I have the honour to invite your attention to Assembly Resolution A36-12 — *Halon Replacement*, adopted by the 36th Session of the ICAO Assembly (Montréal 18 to 28 September 2007), in which the Assembly agreed on the need to develop and implement halon replacements for civil aviation.

2. I invite you to note that the resolution urges States to advise their aircraft manufacturers, airlines, chemical suppliers and fire-extinguishing companies to move forward at a faster rate in implementing halon alternatives in engine and auxiliary power units, hand-held extinguishers and lavatories; and investigating additional halon replacements for engines/auxiliary power units, and cargo compartments.

3. The Organization is committed to helping protect the environment while maintaining the highest levels of aviation safety and has demonstrated this commitment with the Council's approval of a new work programme of the Organization which includes this task in the ICAO Business Plan for 2008 – 2010.

Accept, Sir/Madam, the assurances of my highest consideration.

Taïeb Chérif
Secretary General

Enclosure:

Assembly Resolution A36-12

HE/sci

G:\wp\CORRES\Circular SIs\2008\SL.2008.19.Halon Replacement\First draft.doc

RESOLUTION A36-12 – HALON REPLACEMENT

A36-12:	Halon Replacement
----------------	--------------------------

Whereas halons contribute to climate change and are no longer being produced by international agreement because they are ozone-depleting chemicals, and have been used as fire-extinguishing agents in commercial transport aircraft for 45 years;

Recognizing that much more needs to be done because the available halon supplies are dwindling and the environmental community is becoming more concerned with the lack of substantive progress in aviation;

Recognizing that the Minimum Performance Standard for each application of halon has been developed already by the International Aircraft Systems Fire Protection Working Group with participation by industry and regulatory authorities;

Recognizing that there are stringent aircraft-specific requirements for each application of halon that must be met before a replacement can be implemented;

Recognizing that while some progress has been made in developing a halon replacement for several aspects of aircraft operation, no real progress has been made in cargo compartment halon replacement, which is by far the largest application of extinguishing agent; and

Recognizing that any halon replacement strategy must depend on alternatives that do not pose an unacceptable environmental or health risk as compared to the halons they are replacing.

The Assembly:

1. *Agrees* with the urgency of the need to develop and implement halon replacements for civil aviation;

2. *Urges* States to advise their aircraft manufacturers, airlines, chemical suppliers and fire extinguishing companies to move forward at a faster rate in implementing halon alternatives in engine and auxiliary power units, handheld extinguishers and lavatories; and investigating additional halon replacements for engines/auxiliary power units, and cargo compartments;

3. *Requests* that the Council consider a mandate to be effective in the 2011 timeframe for the replacement of halon in:

- lavatories for new production aircraft; and
- lavatories, hand-held extinguishers, engines and auxiliary power units for aircraft for which a new application for type certification has been submitted.

4. *Requests* that the Council consider a mandate to be effective in the 2014 timeframe for the replacement of halon in hand-held extinguishers for new production aircraft;

5. *Encourages* ICAO to continue collaboration with the International Aircraft Systems Fire Protection Working Group and the United Nations Environment Programme's (UNEP) Ozone Secretariat through its Technology and Economic Assessment Panel's Halons Technical Options Committee on the topic of halon replacement for civil aviation, and

6. *Resolves* that the Council shall report to the next Ordinary Session of the Assembly on progress made with halon replacements in civil aviation.

— END —