



Republic of the Philippines
CIVIL AVIATION AUTHORITY of the PHILIPPINES
Office of the Director General

03 June 2010

MEMORANDUM CIRCULAR NO. 16-10

TO: All Air Operator Certificate Holders, Aircraft Maintenance Organizations, Aviation Suppliers/Aircraft Materials Distributor's Certificate Holders, and Aircraft Owners

SUBJECT: Quality of Halon in the Fire Extinguishing System

In line with the International Civil Aviation Organization's (ICAO) Assembly Resolution A36-12: *Halon replacement*, the continued use of halon gas in civil aviation has raised environmental concerns particularly in the Montreal Protocol on Substances that Deplete the Ozone Layer, which bans the production and the import/export of pure halon.

Given that the availability of pure halon supplies is declining, the use of recycled halon has rapidly increased in fire extinguishing systems. This recycling has led to a degraded quality of halon, the degraded halon may lead to the release of toxic fumes and possibly causing injury to aircraft occupants.

To ensure safety in the fire extinguishing system of civil aircraft, all concerned organizations/individuals are requested to implement the following measures:

1. Verify the quality of halon in their possession, or provided by suppliers, through effective testing or certification attesting to the quality of halon to an established and recognized international standard;
2. Include in their quality system a means of requesting from halon suppliers certification documentation attesting to the quality of halon to an established and recognized international standard; and
3. Comply with any Airworthiness Directives (ADs) affecting the fire extinguishing system of their aircraft. (Refer to the attached sample ADs produced by EASA and FAA covering this subject)


ALFONSO G. CUSI
Director General