GLOBAL INVENTORIES OF HALON\textsuperscript{1} \\
(INFORMATION RELATED TO A39-WP/36)

\textsuperscript{1} This material is available in English only.
Global Inventories of Halon 1301 by HTOC 2014 Assessment Report

Metric Tonnes of Halon 1301

Year

North America

Western Europe and Australia

Japan

A5(1)

CEIT
Figure 1-1: Breakout of Global Inventories (Bank) of Halon 1301 by HTOC Model Regions

Global Inventories of Halon 1211 by HTOC 2014 Assessment Report

Figure 1-2: Breakout of Global Inventories (Bank) of Halon 1211 by HTOC Model Region
Figure 1-3: Breakout of Global Inventories (Bank) of Halon 2402 by HTOC Model Region
Note 1.— Not all Halon 1301 in global bank will be available to civil aviation

- 41,000 – 43,000 t in global bank (SAP data and HTOC model)
- Subtract what is not available to civil aviation
  
  • 17,000 t reserved for future use in ground-based fire protection systems in Japan
  • About 4,600 t reserved by the U.S. military for use in existing critical weapons systems
  • About 1,500 t of halon 1301 in oil facilities on the North Slope of Alaska and other places around the world
  • About 2,200 t already installed on civil aircraft rising to 6,000 t by 2050

- Leaves 14,000 – 17,000 t (33% - 40%) for civil aviation if every other gram of halon 1301 becomes dedicated to civil aviation
- Global and Civil Aviation emission rates will play an important role in how long civil aviation can be supported
  
  • HTOC ~3% and SAP data ~4% of bank / year
  • Anecdotal information places civil aviation closer to 5% / year

— END —