



## Boeing talks airplane recycling, innovations in recycling technologies

*Goal is to raise amount of material recycled from airplanes to 95 percent by 2016*

*ABOVE: Bill Carberry, Commercial Airplanes project manager for airplane and composite recycling is interviewed by a reporter from the program Cokpit aired on CNN Turkey. (Pauline Bucaille photo)*

"Boeing's target is to raise the amount of recycled airplane material from the current level of 70 percent to 95 percent by 2016," Bill Carberry, Commercial Airplanes' project manager for airplane and composite recycling, told media at Recycling Media Day at the Chateauroux Air Center in Chateauroux, France.

The Aircraft Fleet Recycling Association (AFRA) organized the event this week in partnership with Boeing to highlight the progress being made in airplane dismantling and recycling. Boeing's Current Market Outlook forecasts that nearly 6,000 airplanes will leave the worldwide fleet in the next 20 years.

Boeing is working with AFRA members to recycle end-of-service airplanes and improve the technologies and processes needed to return high-value airplane materials back to manufacturing.

In 2008, AFRA members scrapped 30 percent of the global scrapped fleet, recycled more than 200,000 tons (181,436 tonnes) of airplane aluminum and 4,000 tons (3,629 tonnes) of specialty alloys.

"Boeing clearly has an important role to play in aviation's effort to show greater environmental stewardship," said Carberry. "This is a collective effort, which is why partnerships and collaborative practices are at the heart of the AFRA vision."

AFRA, now comprising 40 members from the global recycling and disassembly community, sets standards for the safe and sustainable disassembly of end-of-service aircraft.

AFRA's Best Practice Management (BMP) Guide Version 2.0, launched in May, is increasingly viewed as the industry standard for the disassembly of aircraft engines and airframes.

The association's activities are solely funded by its 40 worldwide members, who include original equipment manufacturers, airplane engine and airframe disassemblers, airplane parts recyclers, academic institutions, as well as industry leaders in the fields of aviation sustainability and environmental good practice. Membership is open to any company or institution with a business focus on the safe and environmentally responsible management of aging airplanes.

*A DC-10 is dismantled. Shown here is the rudder being removed following the AFRA Best Practice Management Guide procedures. (Pauline Bucaille photo)*



(10/23/2009) *By Samantha Solomon*  
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