

Press Release

AeroCat B.V

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Strong Strategic Alliance: AeroCat, Bemis, Solvay Advanced Polymers and Zetes for innovative full polymer, closed loop recyclable, RFID integrated airline trolley

AeroCat – together with its strategic partners Solvay, Bemis and Zetes - is present at the Aircraft Interiors Expo Americas to share with the airline industry their enthusiasm on a new catering concept in general and the innovative AeroCat full polymer catering trolley – the TIGRIS - more specifically. Sharing this, the airline industry will experience the 3 main characteristics of the AeroCat catering trolley.

At the Aircraft Interiors Expo in Hamburg, for the first time, AeroCat and its strategic partners Solvay and Bemis showed its worlds' lightest recyclable full polymer catering trolley – the Tigris - to the airline industry. The interest for the EASA/ETSO certified trolley was overwhelming and resulted in an attractive order portfolio for AeroCat. The industrialization of the trolley is in full swing and will result in a first production series in November 2008, mainly to be used for in-flight and ground testing at launching customers. Full production is planned for the first quarter of 2009.

First its cradle-to-cradle characteristic. The full polymer Tigris is developed for closed loop recycling, resulting in 100% re-use of the polymer material. In addition, its production process, weight and improved insulation contribute substantially to a low carbon footprint. To establish an objective view on this AeroCat has requested the Dutch Scientific Institute TNO (*'knowledge for business'*) to conduct a Life Cycle Assessment on the Tigris versus a reference aluminum catering trolley. The detailed and scientific results are amazing and are available for interested parties at the Expo in Long Beach. If only 10% of the catering trolleys worldwide would be replaced by the Tigris, it will result in enough energy savings to light the homes of 1.7 million

people. Or just a small amount of 23 trolleys will save each year 1 fuel tanker of kerosene.

Secondly its characteristic to lower the Total Cost of Ownership substantially. Its low weight (16 kg), its improved insulation and its low maintenance cost contribute substantially to lower the operational costs of any airline. For the airline industry AeroCat developed an Internal Rate of Return (IRR) model to understand the financial effects of their investment. In most of the scenarios the model shows attractive returns with already 100% return on the investment in the first year. Furthermore, AeroCat and Zetes believe that the catering process as a whole can be improved, and substantially lower cost can be established. The full polymer design of the Tigris makes it possible to configure the trolley for modern identification and security applications. For the airline industry this means a 100% reliability and security on the packaging, a temperature control on the packed food, and a reliable track & tracing system on the catering trolley inventory.

Thirdly, the Tigris is developed for fast, high volume, robotized manufacturing. Volumes up to the yearly total replacement volume of the airline industry are feasible and can even be stretched beyond. At high volume levels, quality needs extra attention. The founding principles of Bemis will support that characteristic. *Quality, Craftsmanship* and *Innovation* are the founding principles that have shaped the Bemis Manufacturing Company for generations. They manufacture the products that might be taken for granted, and they make them better, stronger, and more exciting every year, resulting in higher standards for everyday products.

For more information on:

AeroCat go to www.aerocat.nl

Bemis go to www.bemisplastics.com

Solvay go to www.solvay.com

Zetes go to www.zetes.com

