

*IASH 2007, the 10<sup>th</sup> International Conference on  
Stability, Handling and Use of Liquid Fuels  
Tucson, Arizona  
October 7-11, 2007*

**POSTER**

**THE IMPACT OF A SELECTION OF FATTY ACID METHYL ESTERS  
ON JET FUEL QUALITY.**

Peter S Brook and Garry K Rickard

QinetiQ, Room G23, Building 442, Cody Technology Park, Farnborough, Hampshire, UK,  
GU14 OLX

Two examples of jet fuels from UK sources, one hydrotreated, the other Merox, were blended with a range of fatty acid methyl esters, FAMES, from different biological origins. The level at which the FAMES could be detected by specification test methods varied with property and FAME type. Low concentrations of some FAMES were found to have significant impacts on jet fuel quality.