TERMA AND BAE SYSTEMS COLLABORATE ON HELMET AUDIO ADVANCES

Airborne or acoustically transmitted noise is always present in aircraft, but measures can be taken to reduce it. Announced in early April from Lystrup, Denmark, Terma’s Active Noise Reduction is highly adaptable and supports even the noisiest aircraft platforms, it is understood. This technology can reduce pilot fatigue, hearing loss and improve speech intelligibility.

3D-Audio helps pilots deal with threat warnings within a complete 360 degree sphere of the aircraft. It alerts them from the exact direction of the danger and also when a threat changes path, which is particularly important in the case of missile attack. Pilots with access to 3D-Audio can initiate instant evasive manoeuvres – without the need to process any information mentally.

Over the next three years the firms will initially work on a 3D-Audio/ANR headset for demonstration with BAE Systems’ helmet, followed by final product development. Terma and BAE Systems will then perform aircraft integration and certification before serial helmet production commences.

President and CEO at Terma, Jens Maaloe commented: ‘As a result of this agreement with BAE Systems, we expect to gain access to a significant market and increase exposure for these technologies globally. We look forward to the collaboration, which will also contribute to the further development and improvement of our Active Noise Reduction and 3D-Audio products.’

Group Business Development Director at BAE Systems, Alan Garwood added: ‘This announcement is further evidence of our strong links with Danish industry and Terma in particular. Combining our expertise will keep our market-leading pilot helmets at the cutting edge of technology. As well as investing finance and intellectual property in the project, BAE Systems will provide exposure to our global customer network for these two Terma technologies.’

About Terma
The Terma Group develops products and systems for defence, non-defence and security applications, including command and control systems, radar, self-protection systems for aircraft, space technology, and in the aircraft industry. Terma A/S is headquartered at Aarhus, Denmark and maintains several facilities, subsidiaries and operations domestically and internationally.
About BAE Systems
BAE Systems provides some of the world’s most advanced, technology-led defence, aerospace and security systems and employ a skilled workforce of some 84,100 in over 40 countries. Working with customers and local partners, the organisation develops, engineers, manufactures and supports products and systems to deliver military capability, protect national security, and people and keep critical information and infrastructure secure.