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## Selex ES Miysis DIRCM sees success in NATO Trial

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The Miysis Directed Infrared Countermeasure (DIRCM) system developed by Selex ES, a Finmeccanica company, was successfully demonstrated in March 2014 as part of NATO Trial EMBOW XIV.

During the flight trial, witnessed by 100 multi-national VIPs, the Miysis DIRCM system autonomously acquired, tracked and jammed the trial test equipment on the ground. Initial assessment of the results indicates that the Miysis DIRCM has the capability to jam Generation 1, 2 and 3 Man Portable Air Defence Systems (MANPADS) using NATO jam codes. Trial EMBOW XIV was conducted at Biscarrosse in France and the Miysis was installed on a French Direction Générale de l'Armement (DGA) CASA-212 aircraft. The DIRCM trial was assisted by Airbus D&S, the Royal Canadian Air Force and the UK MoD. Prior to and during EMBOW XIV, the UK MoD worked closely with Selex ES and provided them with substantial support.

Launched at IDEX 2013, Miysis is readily exportable and provides protection from MANPADS for all aircraft platform types, from small helicopters to large jet transport aircraft. It has a high power, multi-band laser that delivers accurate rapid-jamming energy to defeat IR threats.

While being smaller, lighter and drawing less power than other DIRCM systems on the market, the Miysis DIRCM still offers the full spherical coverage required to counter advanced threats. With its modular open architecture design, Miysis also allows integration with in-service missile approach warners and defensive aids systems. In an environment where MANPADS are widely used and flare technology has limitations against advanced and emerging threats, Selex ES's Miysis DIRCM system defines and demonstrates the level of protection needed for airborne platforms.