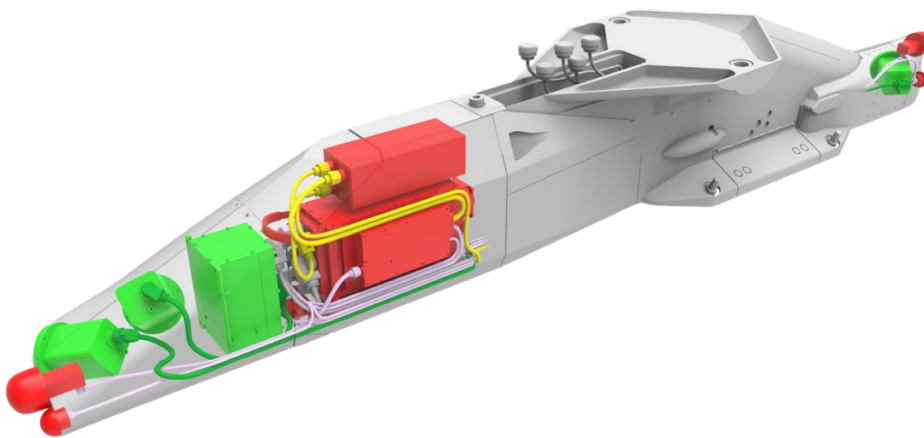




ECIPS/CJS

A State-of-the Art Compact Jamming System (CJS) from Leonardo integrated into the Terma F-16 Electronic Combat Integrated Pylon System (ECIPS)



TERMA/LEONARDO CO-DEVELOPMENT

Terma and Leonardo are now offering the result of the cooperation between our two organizations. With exhaustive expertise in jamming systems from Leonardo and F-16 structural integration, as well as aircraft integration and EW systems control from Terma, we have joined the best of both worlds.

The global proliferation of advanced ground and air based threat systems is increasing threat levels, reducing freedom to maneuver and giving potential adversaries a significant Anti-Access Area Denial (A2AD) capability. Developed from the rich Leonardo ECM heritage, the CJS brings an immediate high-end DRFM based jamming capability to customer forces, offering rapid access to world class levels of RF protection.

FEATURES

- ECIPS/CJS provides a modern Self-Protection Jammer solution for the F-16 within the current envelope of the certified and operational Terma F-16 ECIPS+
- CJS is a Digital Radio Frequency Memory (DRFM) combined with a techniques generator, receive antennas, transmitters and power hardware in to a very compact form factor
- The ECIPS pylon offers a certified and operational solution for Jammer installation while still retaining the Missile Warning System installation
- The aircraft control is via the current Terma ALQ-213 EW Management System, including the Advanced Threat Display and 3D Aircraft Audio Management System.



UNIQUE ADVANTAGES

- A powerful jamming solution without the loss of any wing stores stations as the ECIPS/CJS retains its full weapons carriage capability.
- CJS provides a complete self-contained jamming capability able to counter the most advanced new threats
- Flexible and advanced DRFM jammer
- Mission re-programmable against emerging threats – airborne and ground based
- Effective against modern and future A2AD systems
- Ability to write bespoke sovereign ECM protection directly answering customer specific EW needs
- On a typical F-16 MLU jet there are no aircraft modifications required as existing connectivity is utilized
- The ECIPS/CJS can be installed on wing stations 3 or 7
- The ECIPS/CJS is designed to operate together with Terma's PIDS+ countermeasures dispenser pylon on opposite wing stations 3 or 7
- SW changes are limited to implementation of a CJS driver in the ALQ-213
- No aircraft OFP changes required
- ECIPS/CJS envelope and weight is similar to current ECIPS configuration

FACT BOX

Dimensions, Length	2832mm / 111.5 Inch
Dimensions, Width	229mm / 9 Inch
Dimensions, Height	462mm / 18.2 Inch
Weight	Take-off total pylon weight 179kg / 395 lbs CJS <20kg / 45lbs
Power consumption (CJS)	From 800 Watt

