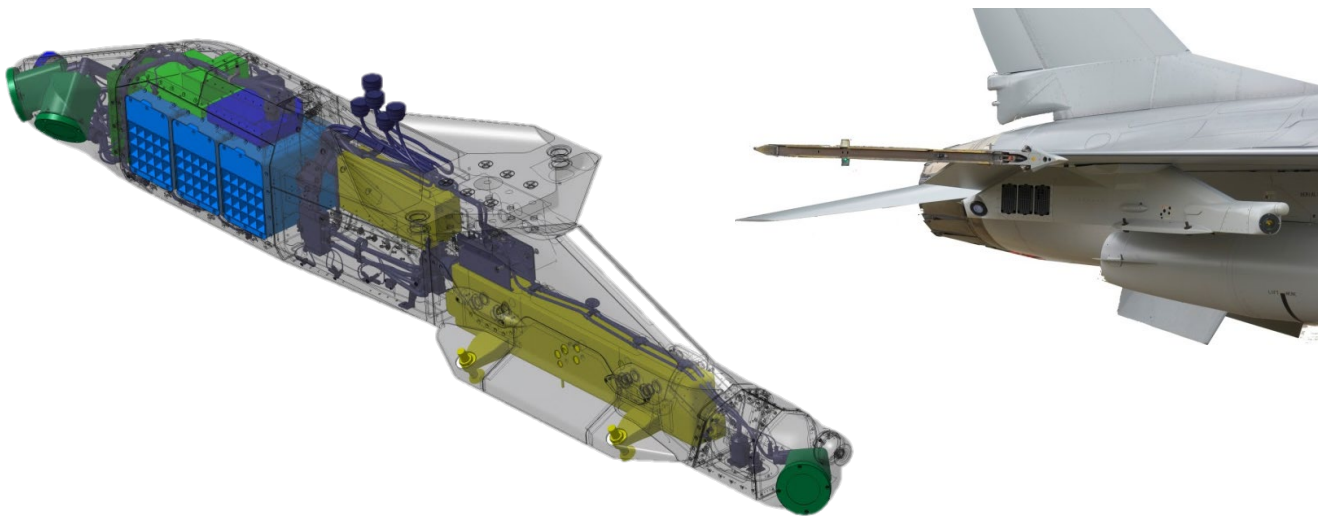




PYLON-BASED EW SOLUTIONS

Proven and integrated solutions for fighter platforms



As part of our integrated EW solutions, Terma has been providing affordable pylon-based solutions for improved self-protection since 1988. As further outlined below, these pylon-based solutions have been provided in several different configurations for fighter aircraft and can be customized based upon specific requirements.

Terma has produced 1,500+ new as well as modified/retrofitted pylons for the F-16 with EW capabilities. In support of different operational capabilities, Terma offers a series of standard pylon configurations which are based on the Lockheed Martin Wing Weapon Pylon (WWP), but with upgraded capabilities.

The capabilities are added while retaining all conventional weapons and Electronic Countermeasures (ECM) pod capabilities, and the flexible pylon design can accommodate various IR/UV Missile Warning Systems (MWS), various dispenser systems and various ECM systems. All pylon variants are compatible with MIL-STD-1760 requirements.



Variant Overview

The table below provides an overview of pylon variants and the associated capabilities.

		MIL-STD-1760	Qty. Dispense Magazines	Flare-Up version (FUM)	Jammer installation	Missile Warning System	
SWWP		✓	0				Standard Wing Weapon Pylon
PIDSU		✓	3				Pylon Integrated Dispenser System, Universal
PIDSU FUM		✓	3	✓			PIDSU with Flare-Up Modification kit, (increases aircraft flare capacity)
PIDS+		✓	3			✓	Pylon Integrated Dispenser System, with Missile Warning System
PIDS+ FUM		✓	3	✓		✓	Pylon Integrated Dispenser System, with MWS and FUM
ECIPSU		✓	0		✓		Electronic Combat Integrated Pylon System, Universal
ECIPS+		✓	0		✓	✓	ECIPS with MWS



Flare-Up Modification kit for the Terma pylon versions, (FUM).

Exploiting standard dispenser real-estate to allow downward slanted firing angle of flares to clear stores on outboard wing stations. The FUM allows an increase of capacity of carried Flare expendable payloads for the aircraft.

Fully certified for F-16.



Support Equipment for the Terma pylon versions, Pylon EW tester (PEWT).

The PEWT is a test set designed to complement the 16U75500-855 Stores Release Test Set (SRTS) or equivalent such as the Stores System Tester (SST).

Other available support equipment include Pylon Maintenance Stands and Pylon Test Adaptors.