# Orange Flag Demonstrates F-35, Army Missile Defense Integration

FORT
BLISS, Texas – Lockheed Martin, the Army Integrated Air and Missile Defense
(AIAMD) Project Office and the U.S. Air Force successfully integrated F-35
track data with the IAMD Battle Command System (IBCS) during Orange Flag
Evaluation (OFE) 19-2 here and at Palmdale, California.

This was
the first-time live F-35 track data has been sent to IBCS via the F-35 ground
station and F-35-IBCS adaptation kit, both developed by Lockheed Martin. This
allowed IBCS to receive and develop fire control quality composite tracks during
the exercise, leveraging the F-35 as an elevated sensor. This capability
enables multidomain operations and the detection of threats that could
challenge ground-based sensors.

“This
demonstration represents a significant growth in capability for the Army IAMD
program and Army for multidomain operations. The capability creates additional
battlespace awareness, and the ability to track incoming targets and take
action, if necessary,” said Scott Arnold, vice president and deputy of

Integrated Air and Missile Defense at Lockheed Martin Missiles and Fire
Control.

“The F-35, with its advanced sensors and connectivity, is able to gather and seamlessly share critical information, enabling greater joint force protection and a higher level of lethality of Army IAMD forces.”

This capability further demonstrates the Army IAMD program’s ability to gather sensor data from multiple platforms and is another building block for the future Army IAMD force.

In 2016, the F-35 and Aegis Combat System successfully demonstrated the integration of the F-35 in support Naval Integrated Fire Control-Counter Air (NIFC-CA). The F-35 ground station has been relocated to White Sands Missile Range, New Mexico, to support follow on F-35 integration testing during AIAMD developmental testing.