Dedicated to innovation in aerospace

Fighter 4-Ship

PRODUCTS & SERVICES

An affordable and mobile fast-jet research simulation facility

During military operations, fast-jets operate in teams of two, four or more. Fighter 4-Ship (F4S) can simulate the collective tactical operations of up to four fast-jet fighter aircraft. The tube-frame mockup approach of F4S makes it affordable and mobile.

RESEARCH APPLICATIONS

F4S focuses on interoperability and reconfigurability – with support for modern and conventional cockpit layouts – with F-16 simulation as a basis.

The primary objective for F4S is to enable research on fast-jet team operations and the embedding thereof in potentially large-scale collective, combined and/or joint operations.

Research is focused on, but not limited to:

- Progressing Distributed Mission Simulation (DMS) technology
- Improving Distributed Mission Training (DMT)
- Enhancing team tactics
- Performing Concept Development and Experimentation (CD&E)

SUPPORT FOR WHOLE MISSION CYCLE

F4S supports the whole mission cycle by integrating the mission support systems, as used in actual fast-jet operations by the Royal Netherlands Airforce (RNLAF), but also experimental and prototype systems.

Also state-of-the-art mission scenario and environment simulation is available to build-up complex scenarios for F4S to operate in, as well as integration with the operational fighter control system MASE.

INTEROPERABILITY

F4S is an integral part of the NLR Airpower Simulation capability, which allows that all NLR simulators can be flexibly interoperated on demand, complete with integrated mission support systems. The Airpower Simulation capability also provides means to easily interoperate with a large variety of simulators across the world.

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