



Fighter 4-Ship

research simulation facility

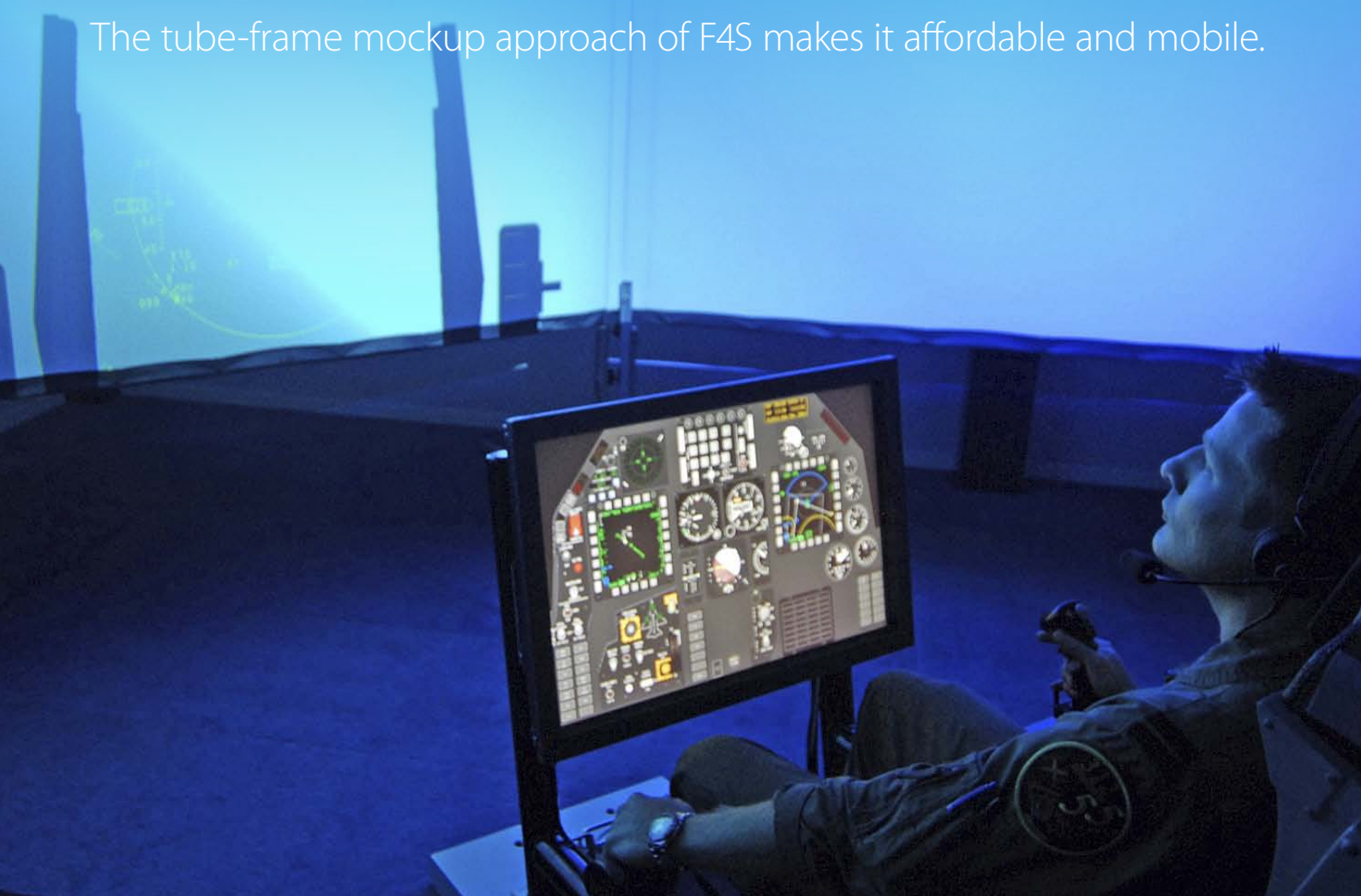


 **Air Transport Division**
Training, Simulation & Operator Performance

 training@nlr.nl

 +31 88 511 36 60

During military operations, fast-jets operate in teams of two, four, or more. Fighter 4-Ship (F4S) is a research simulation facility that 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.





“FIGHTER 4-SHIP AFFORDABLE AND MOBILE”

F4S focusses 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) training
- Enhancing team tactics
- Performing Concept Development and Experimentation (CD&E)

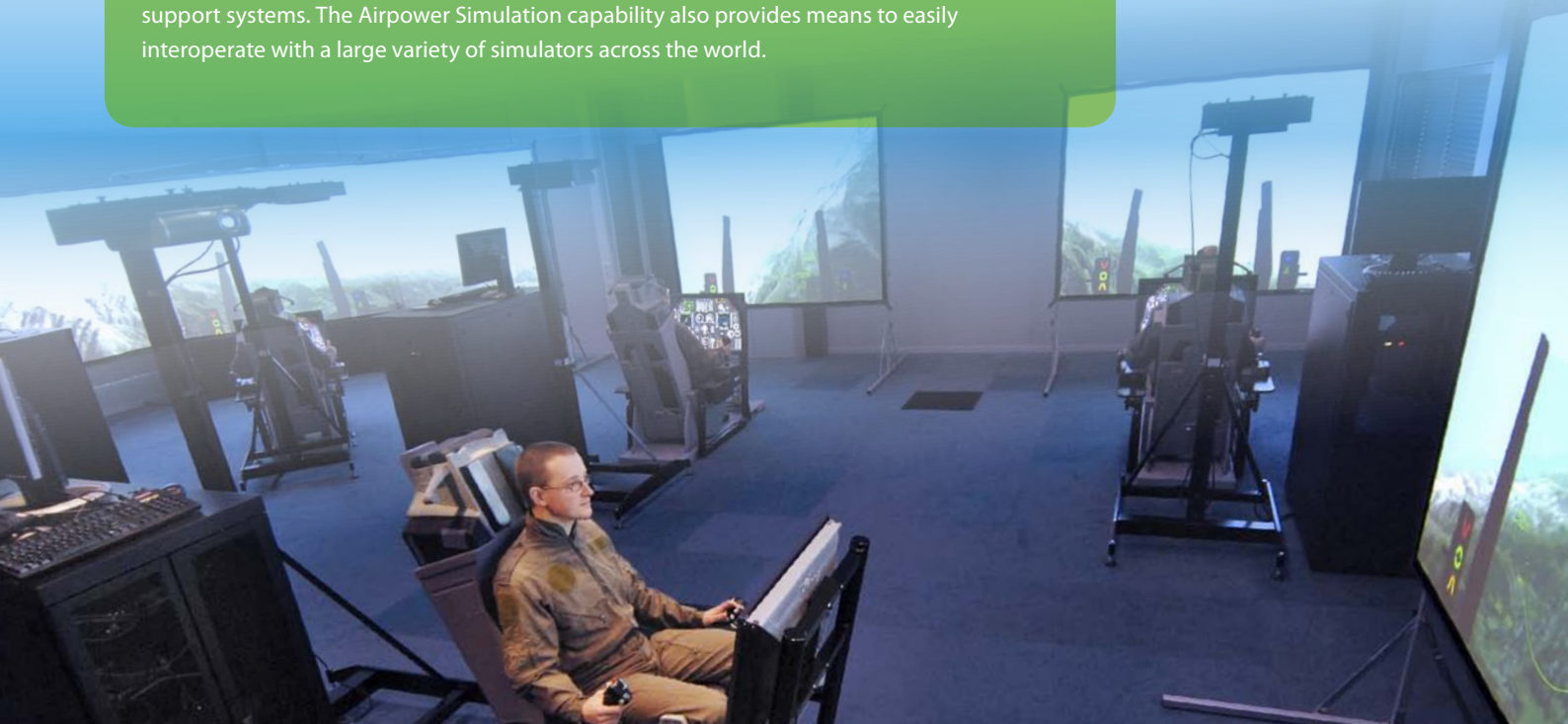
F4S supports the whole mission-cycle by integrating the mission support systems, as used in actual fast-jet operations by the Royal Netherlands Airforce (RNLAf), but also experimental and prototype systems, for:

- Planning
- Briefing
- Debriefing

Also state-of-the-art mission scenario and environment simulation is available to build-up complex scenarios for F4S to operate in.

Benefits

F4S is an integral part of the NLR Airpower Simulation capability, whereby 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.



Please contact us for more information

National Aerospace Laboratory NLR

Amsterdam – Anthony Fokkerweg 2 • 1059 CM Amsterdam • P.O. Box 90502 • 1006 BM Amsterdam • The Netherlands
Flevoland – Voorsterweg 31 • 8316 PR Marknesse • P.O. Box 153 • 8300 AD Emmeloord • The Netherlands

