



## F-5N IFT INSTRUMENT FLIGHT TRAINER

**Kratos has been selected by NAVAIR Orlando Training Systems Division to design and build an F-5N Instrument Flight Trainer for the VCF-13 Naval Reserve Squadron located at Naval Air Station Fallon, Nevada.**

This single trainer utilizing COTS software and GFE cockpit to construct a low cost, fast turn-around solution for the Instrument Flight Rules (IFR) training mission.

The F5-N aircraft is used by the Navy to provide an aggressor aircraft emulating the responsiveness of the MIG-29. The F5-N IFT provides an immersive environment for a single pilot to become more proficient in effectively utilizing critical aircraft systems to maintain aircraft control and positional awareness for all stages of flight during Instrument Meteorological Conditions (IMC). The IFT is designed to provide for formal instruction with instructor/observer, or more informal cockpit familiarization by a pilot without instructor. This system was deployed in August of 2007.



**Mission:**

- Metrological Condition Instrument Trainer



**Fast Turn-Around / Low Cost:**

- Utilizes available GFE
- Passive Controls created savings of \$150k to \$300k
- Integration of new technologies
- COTS Software Implementation
- Projected Instruments

**Innovation:**

- Applying the latest technology to proven approaches



**Dynamic change of requirements to meet customers requirements:**

- Through evaluation of mission requirements
- Derived requirement tracking

