



# TARGETED FIDELITY SIMULATOR

**BASIC TO ADVANCED FLYING TRAINING IN A HIGHLY DETAILED COCKPIT AND SYNTHETIC TRAINING ENVIRONMENT**



THE INZPIRE TARGETED FIDELITY SIMULATOR DELIVERS COST-EFFECTIVE FLIGHT TRAINING IN A HIGHLY DETAILED SIMULATED ENVIRONMENT.

Inzpire has developed its Targeted Fidelity Simulator (TFS) to deliver cost-effective synthetic flying training to any military, civil, or emergency service customer. The simulator is able to provide flying training from basic through to advanced and operational levels, for single-aircraft or multi-aircraft operations. The TFS is delivered to the exact level of fidelity required to meet the customer's training needs, thereby enhancing operational effectiveness of aircrews and supporting the safe delivery and execution of flying operations, whilst eliminating unnecessary costs.



The Inzpire family of Targeted Fidelity Simulators deliver training solutions across a broad spectrum of capabilities and platforms including helicopters, fixed-wing aircraft, RPAS Ground Control Stations and Forward Air Controller environments. The simulators can be networked for linked or distributed operations in fully integrated synthetic environments. This enables multiple aircraft to train in formation at a single training facility, or to be networked across different locations.

The Inzpire TFS uses a realistic cockpit representation and flying controls that replicate the customer's aircraft to a high level of detail and accuracy. The simulator operates in a high-fidelity wide field-of-view visual environment, enabling:

- Broad flying training from basic to advanced and operational levels
- Training in a wide range of environments; land and maritime, day and night
- Instrument flight training and aircraft emergency handling
- Operational flying training scenarios with friendly and hostile forces
- Single-aircraft and multi-aircraft operational training
- Whole-crew training, including cockpit and cabin environments
- Integration of weapons, ISR equipment, and platform self-defence training





## HELICOPTER MULTI-AIRCRAFT TACTICAL TRAINING

The Inzpire TFS can be configured to include a helicopter cockpit and cabin, with the addition of cabin-mounted self-protection weapons if required. Multiple simulators can be linked and flown together in a simulated operational environment to provide whole-crew tactical mission mutual-support training.

An instructor station is included with the TFS enabling instructional staff to supervise the training, from basic procedures through to the most-complex flying training scenarios.

The instructor station can control all elements of the simulation including weather and the training environment, the introduction of simulated aircraft malfunctions and emergencies, and operational scenario development and management.



'Train hard - fight easy' is a mantra that lies at the heart of the training that Inzpire provides. The Inzpire Targeted Fidelity Simulator is a multi-platform, cost-effective flying training solution that will ultimately enhance operational effectiveness and increase flight safety for military and civilian customers alike.