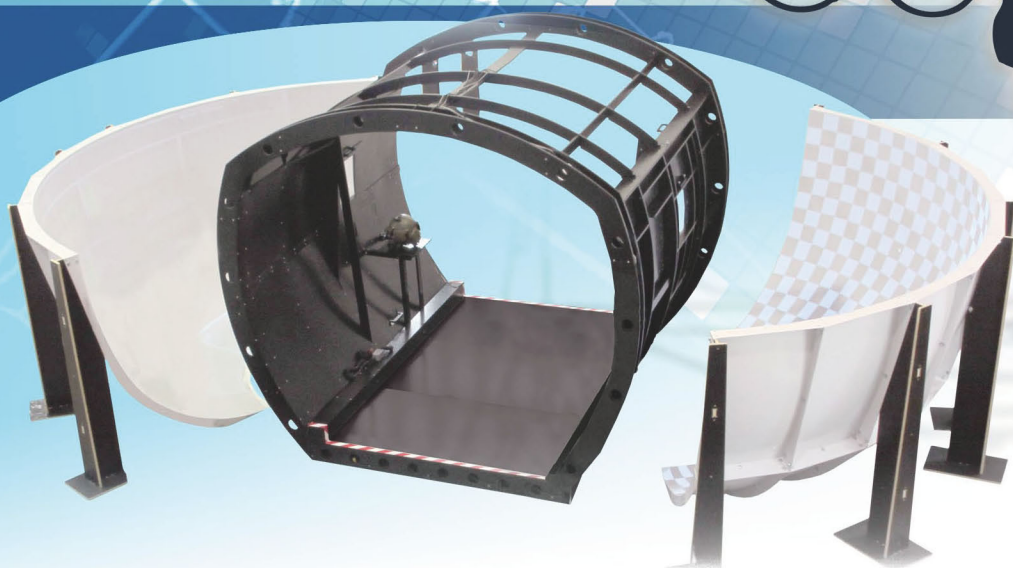




TACT
TACTICAL AIRLIFT
CREW TRAINER



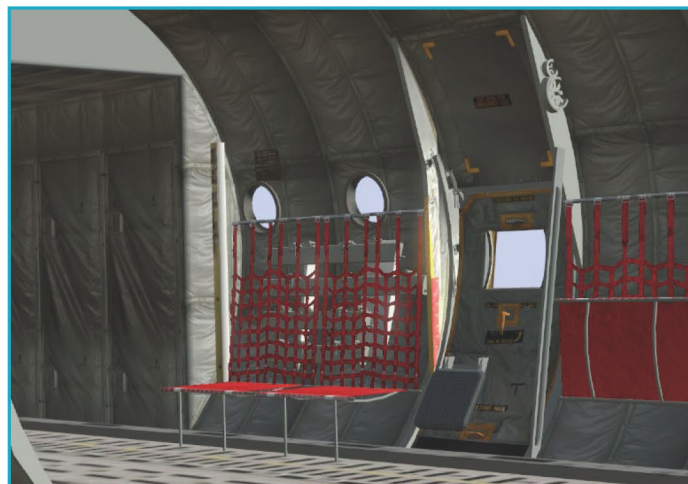
MAIN FEATURES

- Fully Immersive Simulator
- 6DOF Virtual Reality Tracking
- Teacup Projection Domes
- High Fidelity Visuals
- Variety of Terrains
- Scenario Builder
- Tactical Threat System
- Customizable Airframe

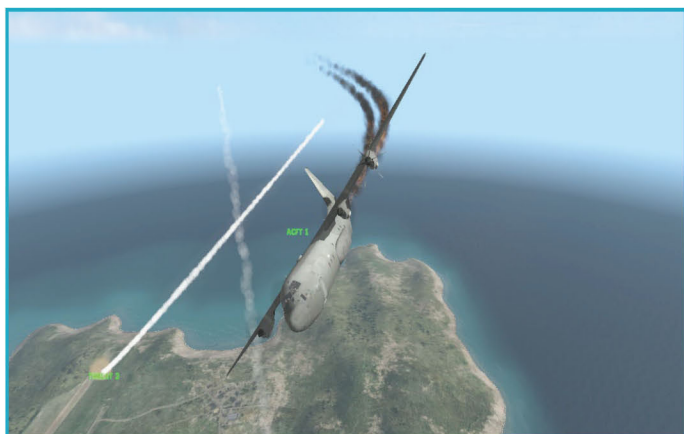
TACTICAL AIRLIFT

CREW TRAINER

Training for crews of military aircraft has in the past been an expensive, resource intensive and logistically demanding activity often dictated by operational tempo. As a result, interactive pre-deployment training of these disciplines is often insufficient, particularly for rare tasking types. This deficiency is now addressed by **TACT**, the **Tactical Airlift Crew Trainer** made by **Virtual Simulation Systems** and distributed/supported by **Bluedrop**.



Currently used by the **Royal Australian Air Force** for C130J Hercules crew training, **TACT** can simulate several aspects of the aircrew continuum, from threat observation/reaction to loadmaster procedures, in an immersive environment. Trainees can experience and participate in several scenarios across various terrains, representing real-world operational requirements.





TRAINING POTENTIAL

- Threat Observation and Recognition - SAMs, AAA, Enemy Aircraft
- Flare / Chaff dispensing
- Cargo Security
- Vehicle Loading
- Tarmac / Confined Airfield Maneuvering
- Dispatching Paratroopers
- Ramp and Cabin Inflight Checks
- Cargo Airdrops
- Aircraft Emergencies - Engine Fires, Hydraulic Leaks

TACT operates in either a projection dome mode or in full 6 Degree of Freedom Virtual Reality – or a combination of both technologies. High fidelity visualization and simulation software turns the customizable airframe mockup into any required aircraft type, particularly when trainees wear the High Definition Head/Helmet Mounted Displays.

In VR mode, all motions of the trainees are translated into full virtual movement with a high degree of accuracy. Trainees can traverse the airframe, look through observer windows, and even operate on the ramp.



In the RAAF configuration, **TACT** supports two simultaneous trainees, both with flare/chaff dispensers with full safety and trigger controls. The prime focus of training is the timely, coherent and accurate reporting of threats such as SAMs and AAA. This is enhanced by a number of loadmaster training capabilities, from Cargo Airdrops to Paratrooping.

TACT is ready to provide Tactical Airlift Loadmasters and Crews with the training and experience they need for the successful completion of their missions.

