

# C-130 Tampa Training Center



CAE's C-130 Tampa Training Center provides expert aircrew and maintenance training to operators of the C-130/L-100/L-382 Hercules aircraft. The company has over 20 years experience in training the United States Air Force, Navy, and Coast Guard, as well as over 20 international military and commercial operators of the C-130.

CAE is a leading provider of flight simulator products and services. The company offers a portfolio of products including full-mission simulators, flight training devices, reconfigurable and deployable trainers, part task trainers, integrated procedures trainers, and maintenance trainers. In addition, CAE is the world's second largest independent provider of aviation training services. CAE's network of training centers worldwide includes more than 100 simulators offering training on a range of aircraft platforms.

The company is also well known as the world's C-130 training partner. In addition to delivering training services for the C-130, CAE has designed and developed more training systems for the venerable Hercules aircraft than any other company, including all the training devices for the new C-130J. This training experience on the C-130 Hercules helps CAE deliver professional, realistic training of the highest quality.



## Aircrew and maintenance training

The C-130 Tampa Training Center consists of eight multimedia classrooms, three full-flight simulators, two part task trainers, and an extensive courseware library. CAE's instructors are professionally trained and possess a wealth of knowledge and experience on the C-130 aircraft. The company offers bilingual (english/spanish) aircrew and maintenance courses at the training center.

Instructor-led academic and simulator training is available to the entire aircrew for initial, conversion, and recurrent training.

- Aircraft commander/pilot in command
- Co-pilot/first pilot
- Flight engineer
- Loadmaster
- Instructor pilot/flight engineer

Maintenance training is available for troubleshooting and repair of a range of aircraft systems, including:

- Airframe/structural repair
- Fuel tank systems
- Environmental systems
- Hydraulics and pneumatics
- T-56 engine and propellers
- Electrical and avionics systems

# Refresher training syllabus (pilots and flight engineers)

## Systems review

### Electrical

- AC unregulated
- AC regulated
- DCdDistribution

### Fuel

- Tankage
- Flow control
- Refuel
- Jettison

### Power Plant

- Engine
- Power control
- Propeller
- APU/GTC-ATM

### Hydraulics

- Booster
- Utility
- Auxiliary
- Landing gear
- Brakes

### Flight controls

- Primary
- Secondary

### Pneumatics

- Bleed air
- Air conditioning
- Pressurization
- Anti-icing
- Oxygen

## Simulation training

### Procedures

- Normal
- Non-standard
- Emergency

### Limitations

- Systems
- Structural
- Fuel / cargo
- Airdrop

### Performance

- Takeoff / landing data
- Climb
- Cruise
- Descent

### Crew resource management (CRM)

## Contact information

To discuss your unique C-130 / L-100 / L-382 aircrew and maintenance training needs, contact CAE's C-130 Tampa Training Center.

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