

# C-130 Tampa Training Center

CAE's Tampa Training Center provides expert aircrew, maintenance, and loadmaster 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. This training experience on the C-130 Hercules helps CAE deliver professional, realistic training of the highest quality.

## Aircrew and maintenance training

The Tampa Training Center is a multi-trainer facility with fullflight simulators (including one FAA Level D qualified), part task trainers, a fuselage trainer, and more than 25 classrooms and briefing rooms. The company maintains an extensive documentation and media library for developing customized courseware. CAE's instructors are established experts with an impressive wealth of knowledge and experience on the aircraft. The Training Center offers bilingual (English/Spanish) aircrew and maintenance courses.



**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

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### Electrical

- AC unregulated
- AC regulated
- DC Distribution

### Flight controls

- Primary
- Secondary

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### Fuel

- Tankage
- Flow control
- Refuel
- Jettison

### Pneumatics

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

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### Power Plant

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

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### Hydraulics

- Booster
- Utility
- Auxiliary
- Landing gear
- Brakes

## Simulation training

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### Procedures

- Normal
- Non-standard
- Emergency

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### Limitations

- Systems
- Structural
- Fuel / cargo
- Airdrop

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### Performance

- Takeoff / landing data
- Climb
- Cruise
- Descent

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### Crew resource management (CRM)

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## C-130 Tampa Training Center

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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The CAE logo, consisting of the letters 'CAE' in a bold, white, sans-serif font on a dark blue background.