



**FALCON**

# **HYPOBARIC CHAMBER**

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THE FALCON HYPOBARIC CHAMBER IS AN IDEAL PLATFORM FOR TRAINING AND RESEARCH APPLICATIONS FOR RAPID AMBIENT PRESSURE, TEMPERATURE, HUMIDITY AND OXYGEN CONCENTRATION CHANGES.

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# HYPOBARIC CHAMBER

ETC's proprietary AutoFlight software enables the chamber to be flown autonomously, while creating a tightly controlled and repeatable environment corresponding to altitude variation in flight. Trainee stations are configured for both mask-on and mask-off hypoxia training, catering to aircrew and personnel from different aircraft types and modes of operation.



## APPLICATIONS

- Mask-off hypoxia for altitude hypoxic hypoxia experience
- Mask-on hypoxia for system failure training, configurable for CADO training
- Rapid Decompression training
- Oxygen Systems Familiarization
- Altitude Research

## AUTOFLIGHT CONTROL SYSTEM

- Pre-loaded flight profiles with extensive user customizability
- Real-time flight profile and system status monitoring
- Capable of fully autonomous flights
- Convertible to manual or semi-automatic flight mode at any time

## CHAMBER CONFIGURATION

- Wide range of chamber capacity and sizes
- Individual trainee seating with oxygen regulator and mask system
- Day and night environment hypoxia training capable
- PVHO compliant design and manufacture
- Automated Psychomotor Assessment System (APAS) available

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**AIRCREW TRAINING**  
SYSTEMS