



The Airplane Mock-up ARFF Trainer is designed to simulate real aircraft emergency situations and improve the professional skills of firefighting and rescue personnel.

The system enables realistic training in aircraft fire suppression, rescue operations, and emergency response management.

Key Features

- Liquid fuel and gas operated fire simulation
- Wide variety of customizable training scenarios
- Robust steel construction body
- Stainless steel internal components
- Daylights and strobe lighting effects
- Fire-resistant coating protection up to 1000°C

These features ensure high durability, realism, and safety during training operations.

Smart Control System – “Logic”

The unique Arete Logic System integrates:

- PC-based software
- PLC controllers
- Microelectronic sensors

This system allows:

- Full control of the training process at every stage
- Real-time monitoring and data recording
- Advanced training analysis and reporting

System features include:

- Thermal and humidity monitoring
- Live video streaming
- Individual heartbeat monitoring
- Gas safety monitoring system
- Sound effects and communication system
- Daylight and strobe lighting
- Fire status detection and scanning



Durability and Reliability

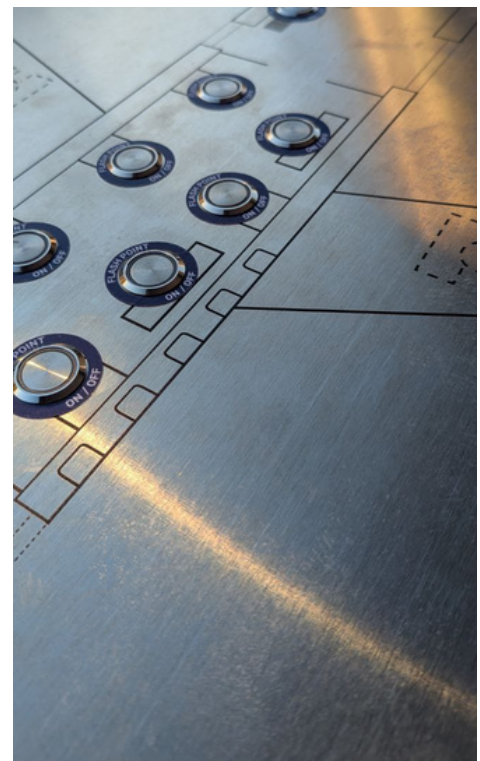
- Heavy-duty steel construction
- Stainless steel interior components
- Heat-resistant coating up to 1000°C
- Operates with liquid fuel and gas

Designed for long-term, intensive use in demanding environments.

Turnkey Solutions

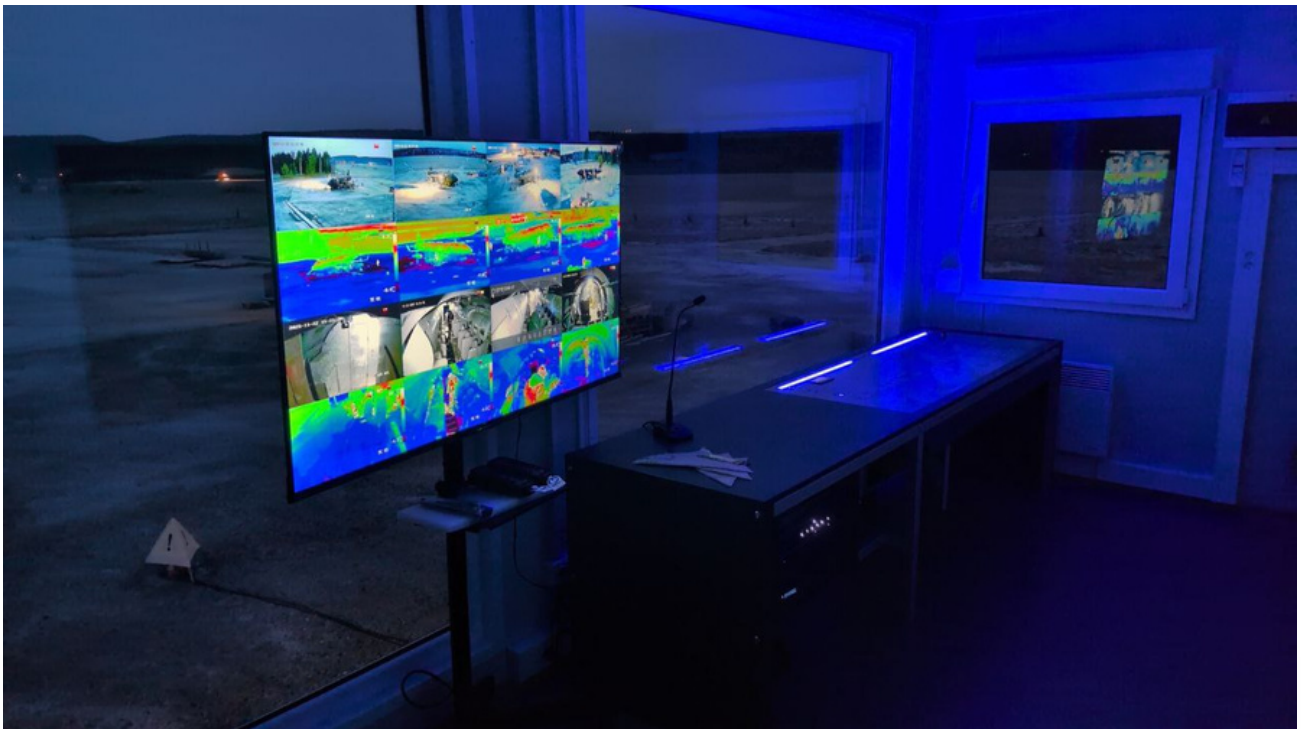
Arete provides a full range of services:

- Design and engineering
- Manufacturing
- Installation and commissioning



Why Choose Arete

- Custom-built solutions
- Compliance with international standards
- Cutting-edge training technologies
- High safety and operational efficiency



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