

U.S. Air Force Base Ramstein

Ramstein, Germany



Different Wing and Engine Configurations



Mock-Up (Side View)



Fuel Spill at Jet Engine Wing

Aircraft FIRETRAINER® A-1000

This hybrid aircraft fire training system consists of a C-130 aircraft fuselage including a realistic wing and turbo-prop engine on one side and a passenger aircraft wing with jet engine on the other side. An additional DC-10 tail engine was also included to meet the training needs of the airbase's firefighters.

The Mock-up can also be entered at the tail through a C-130 typical large-scale loading ramp. It is equipped with 10 fire places including a 36 m² Fuel Spill with 6 separate control able burn zones.

This is the second of three live fire training systems that KFT Fire Trainer have delivered to the Airbase Ramstein. Since 2003 the airbase's fire brigade exercises regularly in a mobile aircraft FIRETRAINER® MA-500 and since 2012 the airbase also has a Propangas fueled concrete burn building FIRETRAINER® T-1000.

Delivered: November 2010

Fueled by: Propane

Overview on Fire Places:

External Fires:

- Undercarriage Fire
- Turbo-Prop "Hot Flash" Fire
- Jet Engine "Hot Flash" Fire (Compressor & Thruster)
- Tail Engine "Hot Flash" Fire
- APU Fire (Auxiliary Power Unit)
- Fuel Spill (6 Zones = 36 m²)

Internal Fires:

- Cockpit Fire
- Battery Fire
- Seat Fire
- Cargo Fire

On special request of the customer all external fires (except for the Fuel Spill) can be shut down in under 10 seconds on emergency stop. This is at least twice as fast as it is common throughout the competitors.



Turbo-Prop "Hot Flash" Fire



Jet Engine Fire



Tail Engine Fire and Fuel Spill



Fuell Spill and Turbo-Prop Fire



Undercarriage Fire



Cockpit Fire



Seat Fire



Battery Fire



Cargo Fire



Battery Fire Being Extinguished