

Royal Netherlands Air Force

Woensdrecht Air Force Base, The Netherlands



Fuel Spill



Burn Building



F-16 Mock-up

Aircraft FIRETRAINER® A-2000 & Structural FIRETRAINER® T-2000

Military fire brigade training center with 4 aircraft mock-ups, 22 fire places including 2 fuel spill trainers with 520 m² and 46 m² and smoke generators.

The project also included the delivery of a T-2000 structural FIRETRAINER® equipped with 14 fire places.

Originally delivered in the year 2000, the center was extended in 2004 and received a major rework during its mid-life update in 2011.

Delivered: September 2000

Extended: 2004

Mid-Life Update: 2011

Fueled by: Propane

Overview:

Aircraft FIRETRAINER® A-2000

- B737 Mock-Up with C-130 Wings:
 - Cockpit fire
 - Galley fire
 - Loose luggage compartment fire (2x)
 - Toilet fire
 - Cargo fire (2x)
 - Baggage fire
 - Starboard C-130 engine fire
 - Port wing jet engine fire
 - Tail DC-10 engine fire
 - Wheel/brake fire with over pressure tire
 - APU Fire
 - 3D fuel spill (50 m²)
- Cougar Helicopter with Apache Wings:
 - Engine fire
 - Interior cabin fire
 - Cockpit fire
 - Rotating rotor simulation
- F-16 Jet Mock-Up:
 - Fuselage fire (2x)
 - Jet engine "Hot Flash" fire
 - Wheel/brake fire
 - Hydraulic operated canape
- Split Wing Aircraft Mock-Up:
 - Fuel spill (520 m²)
 - Search & Rescue Training

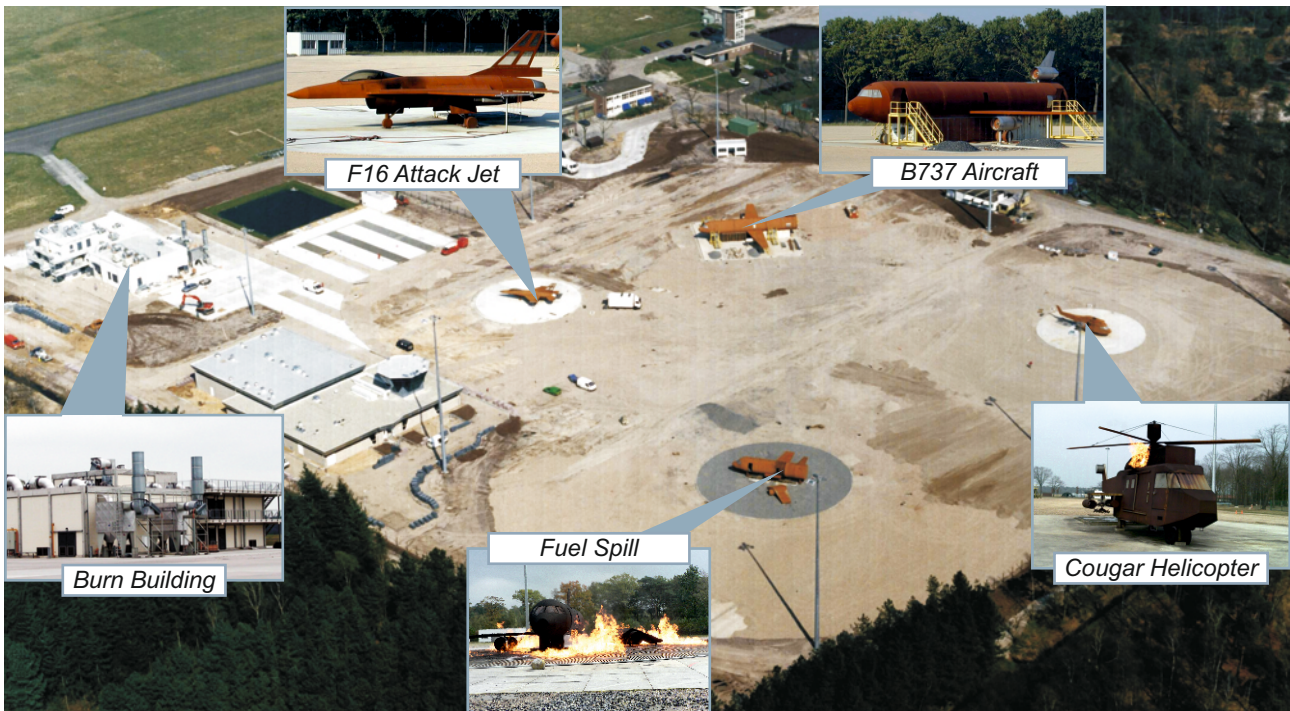
Structural FIRETRAINER® T-2000

Original Design:

- Fire places:
 - Workshop fire
 - Office fire
 - Storage fire
 - Living room fire
 - Bedroom fires (2x)
 - Kitchen fire
 - Flashover in corridor
 - Gas bottle fire
 - Electrical cabinet fire
 - Flange fires
 - Floor spill fire
 - Window fire
 - Car fire
- Smoke generators
- Sound system

Extension:

- Additional fire places:
 - "Hot Door"
 - Flashover
- Additional smoke generators
- Software upgrade



Site Overview



Window Fire



Gas Bottle Fire



Kitchen Fire



Bed Fire



Shelf Fire



Armchair Fire



Car Fire



Flashover



B737 Aircraft Trainer with Active Fuel Spill



3D Fuel Spill



Jet Engine Fire with "Hot Flash"



Undercarriage Fire (Brakes)



Overhead Luggage Fire



Helicopter Trainer



Helicopter Engine Fire



Helicopter Cabin Fire



F-16 Fuselage



F-16 "Hot Flash" Fire



Fuel Spill Trainer: Passive Split Wing Aircraft Mock-Up



Active Fuel Spill Trainer