

## **CUSTOMER**

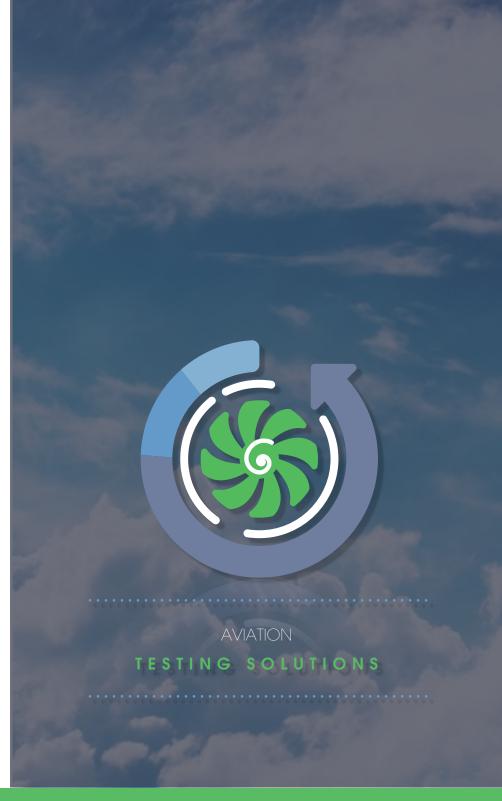
MTU Maintenance GmbH Ludwigsfelde, Germany

# FACILITY TYPE

11,000 Shp Turboshaft Repair & Overhaul and Research & Development Gas Turbine Engine Facility

#### **ENGINE TYPES**

Europrop International TP 400 Engine





## **DESCRIPTION**

MDS was responsible for this complete turnkey supply of a turboshaft engine facility capable of quick engine change out.

### SCOPE OF WORK

- Detailed Civil Design and Construction;
- Engine Test Systems;
- Engine Control Systems;
- Project Management, Documentation and Training.
- Aerodynamics and Acoustics;
- Inlet and Exhaust Systems;
- Load Absorption System (Dynamometer);
- Dynamometer Base Frame;
- Overhead Engine Handling System;
- Complete Fuel Storage and Delivery System;
- Engine Air Start System;
- Engine Oil Replenishing & Drain System;
- Cooling Water System;
- PLC-based Facility Control System;
- proDAS Data Acquisition System;
- Facility Water System;
- Fire Suppression System;
- Engine Test Procedures; and
- Throttle Control Systems.

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AVIATION

TESTING SOLUTIONS

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