



## Identification of the installation/facility :

Country: Germany  
Location (city): Oberpfaffenhofen  
Name of the facility: DASSAULT FALCON E-5  
Date of construction or of acquisition or of main refurbishment:  
Owner: DLR  
Contact point: [Guido.Plützer@dlr.de](mailto:Guido.Plützer@dlr.de)  
Internet site: [www.DLR.de](http://www.DLR.de)

## Technical characteristics:

### 1 - Type of infrastructure

Wind tunnel	<input type="checkbox"/>
Propulsion bench	<input type="checkbox"/>
Structures facility	<input type="checkbox"/>
Material facility	<input type="checkbox"/>
Simulator (ex. Flight simulator, tower, ...)	<input type="checkbox"/>
Flight test bed (aircraft, embedded facilities, ...)	<input checked="" type="checkbox"/>
Supercomputers	<input type="checkbox"/>
Other	<input type="checkbox"/>

### 2 - Main technical characteristics

2 engine jet aircraft

Engines	2 x Garrett Turbojet Triebwerke TFE 731-5BR-2C
Max. Take Off Weight	13,2 tonnes
Endurance	up to 5:30 hrs
Max. Operating Altitude	12.800 m (42.000 ft)
Cruise Speed	917km/h
Range	up to 3.700 km

3 - Research domains which can be addressed (refer to ACARE taxonomy  
<http://www.acare4europe.com/docs/ASD-Annex-final-211004-out-asd.pdf>)

### 4 - Main (or specific) associated measurement techniques

Provisions for remote sensing and atmospheric research (camera-doors, wing hardpoints (Air-Inlets))

### 5 - Operational status

- Fully operational
- worldwide campaigns possible



6 - picture



**Financial elements:**

Replacement cost (M€uros)

Less than 10

10 to 30

30 to 60

60 to 100

More than 100

**Practices concerning:**

Access policy (contract, voucher, free access for research, etc...)

Access via contract

Access via EUFAR-Network

Support (regional, national, European, private, ...)

**Origin of information** ('signature'): author and date