



## Identification of the installation/facility :

Country: SPAIN  
Location (city): Torrejón de Ardoz  
Name of the facility: INTA  
Date of construction or of acquisition or of main refurbishment: 1996  
Owner: Spanish MoD  
Contact point: agnoncm@inta.es  
Internet site:www.inta.es

## 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 type="checkbox"/>
Supercomputers	<input type="checkbox"/>
Other: OATS	<input checked="" type="checkbox"/>

### 2 - Main technical characteristics

OATS (Open Area Test Site)

- Size: 50m x 50m, connected with a taxiway to the Torrejón Spanish AF Base with a taxiway.
- HIRF (High Intensity Radiated Fields) trials capability form 10kHz to 40GHz.
- GPU and Hydraulic bench available on request.

### 3 - Research domains which can be addressed

Our services are not specifically included in ACARE taxonomy document.  
Our research/services are included in the following topics:

EMC (Electromagnetic Compatibility)  
HIRF (High Intensity Radiated Fields)  
EMC Aircraft Test Techniques.

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

Radiated Susceptibility: 10kHz to 40GHz  
LLSC (Low Level Swept Coupling): 1-400MHz  
LLSF (Low Level Swept Frequency): 500MHz->18GHz  
LLDD (Low Level Direct Drive): 10kHz ~200MHz  
ESD up to 300kV (depending on the system size)  
Other tailoring measurements techniques in accordance with customer request.

### 5 - Operational status



- Fully operational

**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: with contract or trial purchase order.

Support: European

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

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