



Identification of the installation/facility :

Country: SPAIN
Location (city):Getafe (Madrid)
Name of the facility:Fundacion para la investigacion, desarrollo y aplicacion de materiales compuestos (FIDAMC)
Date of construction or of acquisition or of main refurbishment: July 2009
Owner:EADS (50%), CDTI-Ministry of Science and Innovation (25%), Madrid Regional Community (25%)
Contact point:Felix Ruiz del Hoyo
Internet site:www.fidamc.es

Technical characteristics:

1 - Type of infrastructure

Wind tunnel	<input type="checkbox"/>
Propulsion bench	<input type="checkbox"/>
Structures facility	<input checked="" 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	<input checked="" type="checkbox"/>

2 - Main technical characteristics

For wind tunnels : max velocity (or Mach number), test section area, max Rey/m, special features (power if continuous, pressure and temperature if blow down, ...)
For aeroby propulsion bench: air mass flow, temperature, pressure, type of fuel,...
For solid combustion bench : max force,...

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

Structures: Composite material facilities for large structural demonstrators research and first production components for Aircraft and Other Sectors

4 - Main (or specific) associated measurement techniques

LARGE MACHINES: Automated Tape Laying, Fiber Placement, 2 Autoclaves, Automated Non Destructive Inspection, with a maximum dimensions range of 6m diameter, 8m long.

LAB MEANS: TGA , Rheometer, DSC, etc

5 - Operational status

- Fully operational (hours available in 2010) - 1700 h
- Sleeping but possible to reactivate within 6 months (or a reasonable time frame)
- Not used since 5 years or more



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...): Contracts

Support (regional, national, European, private, ...): All of them via projects

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