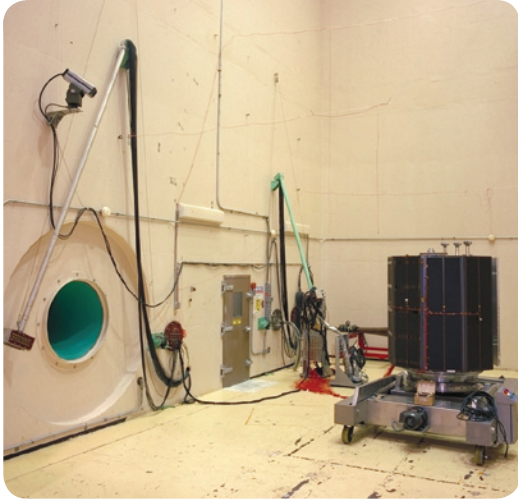




NASA GODDARD SPACE FLIGHT CENTER: THE ACOUSTIC TEST FACILITY

A Part of NASA's Strategic Capabilities Assets Program



The Acoustic Test Facility at Goddard Space Flight Center tests various sized scientific satellites, subsystems, and components. The facility consists of a reverberant chamber, acoustic horns, noise generators, a control console, and a data acquisition system. The chamber can be operated as a class 100,000 clean room for changing into clean garments before entering the facility through the personnel door.

For more information on the Strategic Capabilities Assets Program, visit <http://www.hq.nasa.gov/office/oim/oia/scap>.

TECHNICAL SPECIFICATIONS

Sound generators (3)	3-10 kW, electro-pneumatic
Horns (3)	25 Hz exponential, 50 Hz hypex, 75 Hz exponential
Maximum SPL	150 Db overall sound pressure level
Frequency range	25 Hz to 10 KHz

PHYSICAL CHARACTERISTICS

Interior	10.0 meters x 8.2 meters x 12.8 meters
Payload access	4.92 meters x 9.14 meters
Personnel door	0.91 meters x 1.98 meters
Crane capacity	6,804 kilograms

CONTACT INFORMATION

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