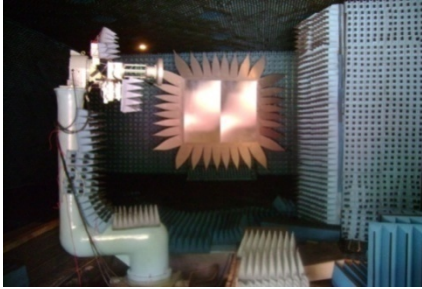
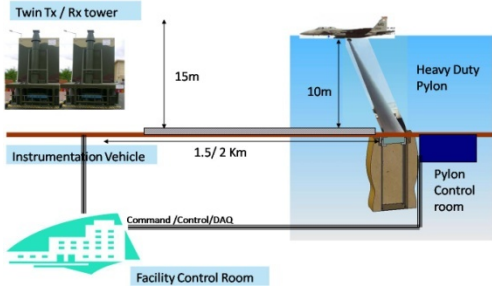


Name of the Equipment / Facility	RCS Measurement Technology
Purpose of Use	All the missile and other military equipment developed by DRDO will have to be measured for their RCS
Photograph	 <p data-bbox="561 716 1382 779">Fig.1 Indigenized indoor compact range for RCS measurements</p>
	 <p data-bbox="654 1100 1289 1163">Fig 2. Proposed scenario of the open range RCS measurement setup (to be ready by next year)</p>
Key Specifications	<p data-bbox="561 1169 1370 1232">ESTABLISHMENT OF INFRASTRUCTURE AND CREATION OF TEST & EVALUATION FACILITIES</p> <p data-bbox="561 1236 1382 1331">Indoor RCS Measurement Facility: An indigenous compact antenna test range with a six axis controller and a quite zone of 4m X 2m X 2m was established.</p> <p data-bbox="561 1352 1382 1713">Open Range RCS Measurement Facility: An open range RCS and Antenna Measurements range is being established in 1600 acre land at AirforceAcademy ,Dundigal. The facility once operational, can measure RCS of all military aircrafts and existing and futuristic missiles upto to a size of 20m X 20m X 10m and a weight of 35 ton. All the onboard antennas can be directly evaluated with the parent bodies. The range is capable of carrying out measurements from the UHF to W-Band. This is one of its own kind facility coming up in the country. It also features the post processing techniques to do 2D/3D imaging to identify the hot spots.</p>