

GLACIER Aerotest Thompson Facility

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The Global Aerospace Centre for Icing and Environmental Research (GLACIER) in Thompson, Manitoba was designed and built by MDS. It is a joint venture between Rolls-Royce and Pratt & Whitney, two of the world's largest aerospace engine manufacturers. GLACIER provides the world's aerospace industry with rugged, true-to-life and rigorous testing in adverse environmental conditions, with measurement and capacity for today's gas turbine engines and those of the future.

The newly opened state-of-the-art GLACIER facility is designed to test the complete range of existing and future aircraft gas turbines. The centre also houses facilities for indoor preparation of engine packages, full engine measurement and control. GLACIER's data acquisition system can measure over 2,000 separate parameters at varying frequencies from steady state to dynamic characteristics.

