

## June 2008: A new addition to our line-up of environmental chambers



Dayton T. Brown, Inc. has recently purchased a new temperature/altitude/humidity chamber for its combined environments testing needs. The chamber size is 96 cubic ft, with an operating range of -73C to 177C for temperature, and altitude to 100,000ft with humidity, in order to perform icing tests per the standard RTCA/DO-160. The temperature rate of change is 10C/min. We expect this new chamber (which will look very similar to the one in the photograph here) to arrive within the next few months, and it will be added to our already impressive line-up of 42 environmental testing chambers.

This improvement of our capacity for performing temperature, altitude and icing tests translates into better scheduling options for our customers. It also increases our altitude capability from 70,000ft to 100,000 ft. This chamber will enable us to test more efficiently by testing medium sized items in it, rather than in the large 20ft altitude chamber, which runs at a much higher energy cost.