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7. Author(s) Alia Alwaid		8. Transport Canada File No.			
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15. Supplementary Notes (Funding programs, titles of related publications, etc.) <p>Research reports produced on behalf of Transport Canada for testing during previous winters are available from the Transportation Development Centre (TDC). Five reports (including this one) were produced as part of this winter's research program. Their subject matter is outlined in the preface. Partial funding was provided courtesy of the FAA.</p>					
16. Abstract <p>The objective of this report was to evaluate the potential for conducting a full battery of tests in frost conditions at the Institut de Recherche d'Hydro Québec (IREQ) high humidity test chamber in Varennes, Quebec, to substantiate the endurance time values set forth in the Society of Automotive Engineers Holdover Time guidelines. The tests undertaken were for conditions specified in the Aerospace Standard (AS) 5485; more than 100 test data points were collected and reported. Although no significant problems were faced while conducting frost endurance tests, it was determined that the conditions required for these tests were not producible for every condition tested, nor was it felt that they were an accurate portrayal of the actual phenomena that occur in the natural environment. As a result, frost endurance tests that were successfully conducted during this season were rendered inconclusive, and further research and evaluation of the frost deposition rates stipulated in AS 5485 are needed prior to conducting any further frost endurance tests.</p> <p>This report discusses the findings of the research conducted in 2000-2001 and makes recommendations for future tests and the standards governing them.</p>					
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