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15. Supplementary Notes (Funding programs, titles of related publications, etc.) <p>Several research reports for testing of de/anti-icing technologies were produced for previous winters on behalf of Transport Canada. These are available from the Transportation Development Centre (TDC). Nine reports (including this one) were produced as part of this winter's research program. Their subject matter is outlined in the preface. This project was co-sponsored by the Federal Aviation Administration.</p>					
16. Abstract <p>The 2005-06 snowmaker tests compared endurance times in artificial snow to the holdover times derived from outdoor snow data for several new fluids. A series of 90 artificial snow tests were conducted with six fluids from three fluid manufacturers. The results were compared to the regression generated holdover times.</p> <p>Analysis of the data showed endurance times obtained with the NCAR snowmaker are generally within 5 to 10 minutes of the holdover times derived from natural snow testing. Some discrepancies were noticed for tests conducted in the -14°C condition.</p> <p>Supplementary tests were conducted to study endurance times of new fluids in artificial snow at -25°C. The results were consistent with the generic values currently used in the Type II/IV holdover time tables and with previously collected data.</p> <p>The feasibility of artificial snow testing in the 0°C condition as well as in heavy snow was also examined. It was shown that tests conducted in these conditions met ARP 5485 standards; however correlation between artificial endurance times and holdover times was insufficiently strong and therefore further testing was recommended to determine the appropriate test parameters for these conditions.</p>					
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