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| 15. Supplementary Notes (Funding programs, titles of related publications, etc.) 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). Several reports were produced as part of this winter's research program. Their subject matter is outlined in the preface. The work described in this report was, in part, co-sponsored by the Federal Aviation Administration (FAA). | | | | | |
| 16. Abstract This report documents the general activities completed by APS related to aircraft ground deicing research in the winter of 2013-14. The activities documented in this report were carried out in addition to the main research projects completed in the winter of 2013-14, which are documented in separate reports. The thirteen activities described in this report are listed below. <ol style="list-style-type: none"> 1. Documentation And Collection Of Ice Crystal Precipitation Intensity Data (Section 2) 2. Pre-Takeoff Contamination Inspection/Check (Section 3) 3. Development And Evaluation Of New Protocol For Snowmaker Testing (Section 4) 4. Windshield Washer Fluid Deicing – Full Scale Testing (Section 5) 5. Frost At Lout: Flat Plate Testing And Radiation Cooling During Taxi (Section 6) 6. Holdover Time Guidelines Website (Section 7) 7. Tablet Application For End Condition Data Form And Upgrade To Existing Indoor Rate Station Software (Section 8) 8. Support For The Development Of Use Of Ice Detection Cameras At The End Of Runway (section 9) 9. Photographic Documentation Of Failure (Section 10) 10. Real-Time Continuous Rate Measurement system For Use In NRC Climatic Chamber (Section 11) 11. Test Procedures, Presentations, And Fluid Manufacturer Reports For 2013-14 (Section 12) | | | | | |
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