

Mr. Andrew Wheeler
Acting Administrator of the
Environmental Protection Agency
Washington D. C.

Dear Mr. Wheeler,

Our Airport Winter Operations, Snow and Ice Control Plan Innovative Program designed and developed in support of the Environmental Protection Agency reports, encouraging and endorsing the modernization of Airports Winter Operations by optimizing the use of aircraft deicing/anti-icing fluids by utilizing readily available advanced technologies to mitigate the environmental impact of airport toxic chemical run off entering Americas eco-sensitive waterways and sanctuaries and from raining down on unsuspecting citizens and farmlands.

Please review the delivered for immediate implementation Program at aviationsafetyresearch.org website.

The Centralized Aircraft Ground Deicing Facility Modernization Program architecture is derived from and built on the expectations of the American public, the Legislature, the FAA, the NTSB, the TRB-NAS, the ACRP, and the EPA of the delivery of a viable solution to fix the "Broken System". The technologically advanced elements of the program design are comprehensively introduced for a resolution of a grossly antiquated Airport Chemical Management System's inability to circumvent the foreseeable devastating consequences to the environment by not meeting the chemical dependency demands of the relentless annual growth of the Aviation Industry with an equally escalated chemical usage recycling and recovery management program.

The Innovative Airport Managed Winter Operations Program developed and delivered for direct use by the DOT, modernization elements provide for by design, mitigating environmental impact pursuant to the Clean Water Act by eliminating the possibility of chemical runoff entering the Airports Stormwater System. The Centralized Deicing Facility Airport Renovation Plan (Re: Figure 1 and 2, pgs 23 & 34) requires the installation of an underground Chemical Collection System connecting all deicing pads of the Facility to a single underground collection and recovery vessel. The newly devised deicing apparatus and application method utilizing forced hot air in conjunction with ADF, along with the expedient deicing operation capabilities equates to a 50% reduction in the use of ADF. This optimization of ADF usage percentage exceeds that of the reduction expectations of the Airport Cooperative Research Program Report 45 - Optimizing the Use of ADF. Stage II of the Deicing Facility "Threshold Deicing" located at the head of the runway employing forced hot air only for final drying and heating of the aircraft surfaces just before takeoff, reducing or eliminating entirely the necessity for the use of all types of anti-icing chemical formulas, as reported on and advocated by the Environmental Protection Agency.

Please advise President Trump and DOT Safety Oversight and Certification Advisory Committee of the EPA's endorsement and approval of the environment friendly Program delivered in a ready state for immediate action, presented to Congress for approval of acquisition for the Revitalization of Americas Airports Infrastructure.

Thank you, Mr. Wheeler in advance for your assistance in ushering in the Future of Aviation.

Henry Thomas Doyle
Director, Aviation Safety Research