

**Explanation of Attachment
Society of Automotive Engineers
Aerospace Recommended Practice
ARP5537
Proposed Draft Issued December 2003**

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The Society of Automotive Engineers Aerospace Recommended Practice, Weather Support to Deicing Decision Making (WSDDM) Winter Weather Nowcasting System, is available at <http://www.sae.org/> for a nominal cost. It is a 17 page technical report that provides the relevant information to size, locate, operate, and maintain such systems and hardware guidelines for the equipment to build and operate such systems.

In general, the WSDDM System is an automated system that produces analyses and short-term forecasts of winter weather conditions in the airport terminal area. The processed data can then be used to provide airport authorities and flight line deicing operators the most up-to-date and relevant weather information on which to base their deicing decisions.