Guide for Justifying Snow Removal Equipment Buildings

December 2011

Reference:

Advisory Circular 150/5220-18 “Buildings for Storage & Maintenance of Airport Snow and Ice Control Equipment and Materials” and Advisory Circular 150/5220-20 “Airport Snow and Ice Control Equipment”

Snow Removal Equipment (SRE) Buildings are eligible for federal funding. The size of the building allowable for federal participation is dependent on the equipment that is eligible for federal participation and related supporting area.

When a Federal grant is used to construct an SRE building, general Federal requirements must be complied with as required in the grants Terms and Conditions.

To determine the size of the building eligible for federal participation, it is necessary to first determine the allowable SRE it will accommodate. Only equipment on hand or on order will be used for justifying the building size.

The size of the building required to house eligible SRE is determined by using the standards as defined in Advisory Circular 150/5220-18A. The area designated for equipment should include the dimensional standards from Table 3-1 of Advisory Circular 150/5220-18A, as well as area necessary to make the building operationally useful. The area needed for operational usage should be apparent on the sketch and described with the justification. Also eligible for federal participation is an area for abrasive or chemical material for snow and ice control of airport-paved areas. If a plan shows an area for chemical or sand, the airport must submit documentation justifying the area.

A sponsor may build an SRE building larger than federally eligible. In such cases, the cost of the building will be prorated by square feet. For example, if a sponsor was eligible for a 40’ x 40’ building, and the sponsor wants to build a 80’ x 40’ building, half the building would be eligible for ninety five percent Federal participation, the other half would be completely the sponsor’s cost.

An FAA Form 7460-1 “Notice of Proposed Construction or Alterations” must be submitted to initiate an airspace study for the proposed building. The FAA Form

7460-1 should be submitted with the project validation if the building is going to be constructed with Federal funds. A scaled drawing showing the airport and the location of the SRE building should be included with the FAA Form 7460-1.