

B.C. MINISTRY OF TRANSPORTATION

SA28 – Local Area Specification #3

SMALL AIRPORT WINTER MAINTENANCE – ATLIN

1. OBJECTIVE

To ensure the Atlin airport is kept open and safe for small airport users.

2. GENERAL PERFORMANCE SPECIFICATIONS

2.1 Routine Maintenance Services

All regular winter maintenance is Routine, to a limit of 6 outings per contract year, as determined by the government agent.

2.2 Additional Maintenance Services

All emergency winter maintenance will be compensated on the basis of Direct Plus rates.

3. DETAILED PERFORMANCE SPECIFICATIONS

3.1 Routine Maintenance Services

- a) maintain small airports in accordance with B.C. Community Airports Manual, Transport Canada's Aeronautical Information Publication (AIP) and Transport Canada's Civil Aviation Publication (TP3680); in the case of conflict or discrepancy between this Local Area Specification and these publications, then the more stringent specification will apply; the Province reserves the right to make the final determination regarding any unresolved conflict or discrepancy;
- b) plow and remove loose snow, ice and slush to ensure that runway, taxiway, apron, a 60 m length of pre-threshold on each end of the runway and an 8 m wide graded area are cleared well back from the strip where terrain permits;
- c) deposit plowed snow, ice and slush at a minimum of 8 m beyond the edge of the runway, taxiway, apron, and pre-threshold, where terrain does not permit performance in accordance with b) above;

- d) maintain a compact snow surface for runway, taxiway, apron, graded area, pre-threshold, parking area by plowing loose and compact snow and ice to uniform, smooth and safe condition leaving a compact thickness not exceeding 50 mm and ensuring no damage to the underlying surface;
- e) extend the maintained compact snow surface to a minimum of 8 metres beyond the runway lights or beyond the graded area, in order to reduce drifting and to allow any wind action to blow any snow clear of the runway;
- f) remove all drifts and any other piles or windrows of snow, ice, and slush from the runway, taxiway, apron, pre-threshold, and the graded area to locations outside of boundaries approved in writing by the Province or the airport operator;
- g) ensure that there are no lumps of snow, ice, slush and/or sand or ruts left on the runway or other surface that would affect the safe operation of an aircraft while landing, taxiing, or taking off;
- h) remove snow, ice and slush from and around all lights and other visual navigation aids including but not limited to runway lights, approach lights, RILS and VASIS;
- i) not leave a windrow or build-up of snow, ice or slush or any ruts on the runway, taxiway, apron or other surface remain that would affect the safe operation of an aircraft while landing, taxiing or taking off;
- j) cooperate with the Province, airport operator, medical doctors, paramedics, police authorities, other agencies and pilots of medevac flights and other emergency flights;
- k) equip all vehicles that operate on runway with appropriate warning lighting and signals to serve as a visual warning to pilots and at least one vehicle operating in the area will be equipped with a radio turned to the published airport frequency;
- l) repair any damaged property caused by the Contractor's operations, including, without limitation, aircraft or other private property, runway, taxiway, apron, graded area, pre-threshold, parking area, runway markers, any other lights and visual navigation aids and other areas and facilities as required for the operation of a small airport; and

- m) obtain all necessary insurance endorsements to cover liability for bodily injury or property damage during small airport winter maintenance operations.

3.1.1 Performance Time Frames

- a) perform winter maintenance to ensure the safe arrival and departure of the flights in accordance with the government agent's instructions; and
- b) perform winter maintenance in the following order of priority, except when resources allow performance in all areas simultaneously, unless otherwise directed by or approved by the Province or the airport operator:
 - i) runway;
 - ii) taxiway;
 - iii) apron;
 - iv) holding bay;
 - v) approach lights, RILS and VASIS;
 - vi) any emergency area;
 - vii) all other areas including but not limited to aircraft tie-down areas, taxiway, other roads and parking area.

3.2 Additional Maintenance Services

The Contractor must perform emergency winter maintenance when the Contractor is notified of the expected arrival or departure of a medevac flight or other emergency flight and the Province, airport operator, medical doctors, paramedics, police authorities, other agencies or pilots of medevac flights or other emergency flights have determined that emergency winter maintenance is required.

3.2.1 Performance Time Frames

The Contractor must perform emergency winter maintenance in a timeframe to ensure the safe arrival and departure of all medevac flights or other emergency flights.

3.3 Materials

The Contractor must:

- a) not use Winter Abrasives; but the Contractor may use fine untreated sand in extraordinary circumstances such as after periods of prolonged freezing rain if it is required to facilitate braking action;
- b) not use salt, calcium chloride or any other chloride or other corrosive De-Icing Chemical
- c) for all other materials used, refer to Section B of the Introduction.

4. WARRANTY

Not applicable to this Local Area Specification.

Maintenance Standard
Small Airport Winter Maintenance

FIGURE 1

