



Memo to Saskatchewan Carriers

DATE: May 25, 2010

SUBJECT: RADOME REFURBISHMENTS FOR REGINA AND SASKATOON

The Regina and Saskatoon RADARs are the main tools utilized to provide service to aircraft arriving and departing from Regina and Saskatoon airports. Routine maintenance on the RADAR dome (Radome) is carried out once every six years. During the refurbishment, the following maintenance tasks are performed:

- Radome inspection
- Panel repair where required
- Torque testing / tightening of bolts
- Washing, re-caulking, and painting

These activities require the RADAR to be disabled for extended periods of time. Painting activities can only be performed during daylight hours when weather conditions are favourable. The exterior maintenance cannot be conducted when there is rain, high winds, or temperatures under 10 degrees Celsius.

Refurbishments for Regina and Saskatoon will take place as follows:

INTERIOR RADOME WORK

Regina Beginning Thursday evening, **May 27 at 2000 CST (May 28 0200 UTC)** and continuing through the night until the morning of May 28 at 0600 CST (May 28 1200 UTC).

Saskatoon Beginning Thursday evening, **June 3 at 2200 CST (May 28 0400 UTC)** and continuing through the night until the morning of June 4 at 0800 CST (May 28 1400 UTC).

Past experience has shown that the interior work usually can be completed within four hours, at which time the RADAR would be returned to service. The interior work will be conducted regardless of weather conditions.

EXTERIOR RADOME WORK

Regina **May 29-30, 2010 (Saturday and Sunday)** between 0700 and 1900 CST (1300 to 0100 UTC)

Saskatoon **June 5-6, 2010 (Saturday and Sunday)** between 0700 and 1900 CST (1300 to 0100 UTC)

Once again, experience has shown that if a full 12-hour day can be completed on the Saturday, the work on Sunday should be completed by mid-afternoon at which time the RADAR would be returned to service.

For both locations, the following Monday and Tuesday will be utilized as work days in the event of rain delays over the weekend.

The loss of the RADAR means that there will not be RADAR coverage below 16,000 feet in the area of Regina (18,000 feet to the south) and below 10,000 feet in the area of Saskatoon. Without RADAR, the minimum separation required between IFR aircraft increases significantly (i.e. procedural control will be in effect).

During the shutdowns, Regina and Saskatoon transponder airspace will continue to be controlled by their respective enroute sectors at Winnipeg Area Control Centre.

Please ensure your pilots who will be flying during the shutdown times are briefed on the following:

1. NOTAMs will be filed 48 hours in advance of each RADAR Shutdown. Shutdown times may be amended dependent on working conditions. NOTAMs will be cancelled in the event of inclement weather.
2. The Regina and Saskatoon SIDs will be cancelled during the RADAR shut downs. NOTAMs will be issued.
3. Full-route clearances for QR and XE departures will be issued through the respective Towers or FSS.
4. No RADAR flight following will be available to VFR aircraft.
5. VFR departures for aircraft on IFR flight plans departing Regina or Saskatoon or departing outlying airports with destination Regina or Saskatoon will normally not be authorized in order to maintain control of the flow of traffic.
6. No IFR training flights will be authorized in the Regina or Saskatoon transponder airspaces for the duration of the RADAR shutdowns. NOTAMs will be issued.
7. Photo flights, police surveillance, or other special operations will require prior approval from the Duty Shift Manager (204-983-8338).
8. Daytime delays are possible up to 15 minutes on weekdays. Minimal delays are expected on weekends during the RADAR shutdowns.
9. VFR tower operations may be impacted in fair weather if a high volume of IFR traffic elect to cancel IFR.
10. Due to possible military activities being conducted at Dundurn, IFR departures off of Runway 15 will not be permitted and arrivals on Runway 33 will be subject to altitude restrictions.

Reminder for all pilots:

On departure when cleared **direct** means to proceed directly to the stated fix and when cleared to **proceed on course** means to intercept the track of the flight plan route which may be the centerline of a direct track or an airway.

If your operation is planning to conduct higher than normal flight activities outside of the times of the shutdowns, please advise Winnipeg ACC (204-983-8338) so that we may ensure sufficient resources available to handle any increase in volume beyond normal traffic levels.

Thank you in advance for your patience and cooperation through to the successful completion of this necessary project.

Original signed by

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