



**Kelowna, British Columbia
Automatic Weather Observation System (AWOS)
and
Digital Aviation Weather Cameras**

NAV CANADA, the country's provider of civil air navigation services, will be replacing the legacy AWOS at the Kelowna airport with a new, enhanced version. Features of this new AWOS include the following:

- Ice-resistant anemometer;
- Advanced laser ceilometer;
- Reporting of density altitude;
- Thunderstorm reporting;
- Reporting of Runway Visual Range (RVR), where available;
- Reporting of obstructions to vision (haze, mist, fog, freezing fog and blowing snow); and
- Improved capability to report more information in the 'Remarks' portion of the METAR.

In addition, new digital aviation weather cameras will be installed at the airport (published in the CFS Aerodrome Directory under FLT PLN / WX as "WxCam"). These new weather cameras provide pilots with high resolution images of areas surrounding the airport, updated every ten minutes, which they can compare with reference images taken in clear weather. The reference images include distances and elevations of key landmarks to assist pilots in assessing weather conditions at and in the vicinity of the airport. The images are available on the NAV CANADA Aviation Weather Web Site under "Wx Cams".

For more information on the new AWOS and weather cameras, see the CFS General Section under FLIGHT PLANNING.

This change will take effect August 27, 2009 at 0901 Coordinated Universal Time (UTC).
The appropriate aeronautical publications will be amended.

For further information, please contact:

Brian Stockall
Manager, Level of Service & Aeronautical Studies - West
NAV CANADA
Edmonton ACC, Edmonton Int'l Airport
PO Box 9867
Edmonton, AB
T5J 2T2

Phone: (780) 890-3024

Fax: (780) 890-4341

Email: stockab@navcanada.ca