DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

JUNEAU AIRPORT TRAFFIC CONTROL TOWER
JUNEAU AUTOMATED FLIGHT SERVICE STATION
1873 Shell Simmons Drive
JUNEAU, AK 99801

ISSUED: October 13, 2005 EFFECTIVE: October 16, 2005

Juneau Airport Traffic Control Tower/Juneau Automated Flight Service Station LETTER TO AIRMEN NO. 05-02

SUBJECT: Low Level Wind Shear Alert System-Network Expansion (LLWAS-NE++).

CANCELLATION: October 13, 2007

LOW LEVEL WIND SHEAR ALERT SYSTEM-NETWORK EXPANSION (LLWAS-NE++).

The Low Level Wind Shear Alert System-Network Expansion (LLWAS-NE++) provides the Juneau Airport Traffic Control Tower and the Juneau Automated Flight Service Station with the capability to provide wind shear information for relay to arriving and departing aircraft. LLWAS-NE++ will provide:

- Measured wind speed and direction at multiple locations along the airport runway, approach corridors and departure corridors.
- Runway specific wind shear alerts (loss and gain values) from the surface up to 1000 feet above ground level within 3 miles of the approach end of runway 8, and within 2 miles of the approach end of runway 26.
- Centerfield wind ("airport wind").

LLWAS Sensors are located at Battleship Island, Pederson Hill, Industrial Boulevard, three runway sensors, and at the wetlands pullout along Egan Highway east of the airport. The last of these sensors was commissioned in September 2005.

ATC PROCEDURES:

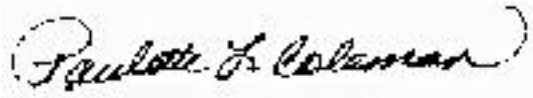
- LLWAS alerts are advisory, to be read directly to pilots over voice radio by tower controllers and over voice radio and telephone by flight service controllers.

EXAMPLE: "Runway 8 departure, wind shear alert, 25-knot gain, 2-mile departure."

- During the hours the tower is open, the Automatic Terminal Information Service (ATIS) will advise pilots when wind shear advisories are in effect.

EXAMPLE: "Low level wind shear advisories are in effect"

Wind given at all other times will usually be derived from other instruments along the runway, rather than the LLWAS instruments. During the hours the tower is closed, the ATIS will broadcast wind information from the Automated Surface Observation System (ASOS).



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