

# Center Weather Service Unit (CWSU) Proposal

## Status Update

By: Kevin Johnston )

Date: October 2009



Federal Aviation  
Administration



# FAA Feedback to NWS on Proposal

June 2009 proposal responsive to most of FAA requirements but three concerns need to be addressed before decision to proceed:

- Transition duration, costs and detail about demonstration phase
- Alaska should be organized, trained and equipped in a similar fashion
- Details on the method and technology for remote delivery

# FAA Feedback to NWS on Proposal

In August 2009, FAA recommended joint collaborative team to address details required

NWS agreed with approach

Joint Team established in September and will work through November 2009

NWS to submit updated proposal in December 2009 and FAA plans to make a decision in January 2010

# FAA Feedback to NWS on Proposal

Team also addressing TRACON requirements and how NWS proposed Collaborative Weather Impact Product proposed by NWS will meet:

- Includes other weather elements beyond convection that impact TFM decisions
- Updated every two hours
- Collaborated with Industry similar to CCFP
- Potential to address other legacy weather products and become first generation of Single Authoritative Source (NextGen concept)

# Minimum Service Criteria

Current Service	Remote As-Is (IOC)	Future State (FOC)
<ul style="list-style-type: none"> <li>• 21 CWSUs co-located with ARTCCs</li> <li>• Provided 16 hours/day, 7 days/week</li> <li>• Multiple, non-standardized weather products</li> <li>• Inconsistency of forecasts across ARTCCs, across ARTCCs, TRACONS, and Towers, and across products &amp; services</li> </ul>	<ul style="list-style-type: none"> <li>• Two remote CWSUs have fully replaced all legacy CONUS CWSUs</li> <li>• Continuous—provided 24 hours/day, 7 days/week</li> <li>• Products/services includes on-demand briefings, scheduled briefings, CWAs, CCFP, and TRACON forecast</li> <li>• Forecast consistency across ARTCCs and products &amp; services</li> <li>• Performance-based—metrics and targets used to evaluate and improve quality of service</li> <li>• Alaska CWSU organized, trained and equipped similar to CONUS CWSU</li> </ul>	<ul style="list-style-type: none"> <li>• CWIP: CCFP, TRACON forecast Product, and other TBD enhancements</li> <li>• Forecast consistency across ARTCCs, TRACONS, and Towers, and across all NWS products &amp; services</li> </ul>

# Discussion Timeline

