

# LIQUID WATER EQUIVALENT (LWE)

NBAA2014

**FAA UPDATE**

Presented to: Friends & Partners in Aviation Weather

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Federal Aviation  
Administration



# LWE UPDATE

- **OPERATIONAL DEMONSTRATION  
2013/2014**
- **FAA Authorization given via non-standard  
text to OpSpec A023**
- **SNOW ONLY**
- **NO OPERATIONS IN HEAVY SNOW**
- **PRETAKEOFF CONTAMINATION CHECK  
could not be used to extend time in active  
snow precipitation**



# LWE UPDATE

- **OPERATIONAL DEMONSTRATION  
2014/2015**
- **SNOW ONLY**
- **HEAVY SNOW OPERATIONS ALLOWED**
- **PRETAKEOFF CONTAMINATION CHECKS  
ALLOWED to extend time in active snow  
precipitation**



# LWE UPDATE

- **LWES USE BEYOND OPS DEMO 2014/2015 8900.1 application guidance in development.**
- **8900.1 GUIDANCE FOR APPLICATION IS IN DEVELOPMENT WITH SPECIFIC APPLICATION PROCESS FOR PART 91K,121,125, AND 135 OPERATORS.**
- **OpSpec/Mspec A323 in development.**
- **LWES Advisory Circular to be published in near future.**



# LWE UPDATE

- **FUTURE LWES CONSIDERATIONS**
- **LWES USE FOR FREEZING DRIZZLE AND FREEZING RAIN**

