

DANE COUNTY
REGIONAL AIRPORT
MADISON



Winter Operations 2016/2017: Lessons Learned
WAMA Conference, April 25, 2017
Waukasha, WI

It's all about the journey.

SNOW and ICE CONTROL PLAN

- ▶ Changes to SICP submitted to FAA for approval
 - Completed entire re-write of SICP
 - Assured changes conformed to the AC
- ▶ Reviewed SICP changes with Airport Operations and Airport Field Maintenance
- ▶ Conducted training in-house RCAM training with Airport Operations and Field Maintenance
- ▶ Met with FAA ATCT on new reporting procedures
- ▶ Provided overview to airport Stakeholders
- ▶ Emphasized no longer reporting of Mu Values

LESSONS LEARNED

- National request made for delayed implementation
- Timeliness of RCCs and NOTAMs
- Revised LOAs
- ATCT presence by Airport Management
- Consistent braking action reports: Aircraft-Ops-ATCT
- Aircraft performance
- Pilot interpretation of RCC values
- Communication with ATCT & CTAF
- NOTAM Manager challenges
- CFME/Decelerometer readiness

LESSONS LEARNED, Cont.

- ▶ **Problem:** There is no way to delineate snow over compacted snow. For example, if there is 100% of snow on the runway and there is 30% compacted snow underneath. **Solution:** Airports need the ability to describe the percentage of loose and compacted snow.

LESSONS LEARNED, Cont.

- ▶ **Problem:** There is no way to report “blowing snow”. It’s not stationary on the surface, but does obscure the pavement and markings. For example, if there is 60% of blowing snow, the runway is dry, but there is blowing snow. **Solution:** Airports need the ability to adequately describe the surface under these conditions. A percentage to report would be adequate.

LESSONS LEARNED, Cont.

- ▶ How do we report “hail” on the runway?
Depth/size/percentage of cover? This is not covered in the recent AC or NOTAM Order. **We do not want to describe this as “ice”, since Air Carriers will determine there is ice on the runway and will either not depart, divert or cancel the flight altogether.**
The definition of hail is, “precipitation in the form of small balls or lumps usually consisting of concentric layers of clear ice and compacted snow. Hail falls almost exclusively in connection with thunderstorms”.

A good winter operations day, is a day without an
EXCURSION!



Thank you !

