**CARSON CITY AIRPORT – WINTER 2024-25 SNOW REMOVAL SUMMARY**

**SNOW EVENT 1**

**2025 01 26**

8am – Completed movement area inspection. Airfield pavement has approximately ¾” dry snow on top of ½” of ice. Snow depth is less than needed to initiate plowing. Below are actions taken during the remainder of the day and on 1/27.

8:30am - Runway surface conditions resulted in FICON 0/0/0/ requiring runway closure. Posted NOTAM for closed RWY, activated voice message on AWOS and put lighted Xs on RWY. Also posted NOTAMs for snow and ice on all TWYs and ramps.

9 – 10am – Used debris blower to clear snow from run up pad at east end of TWY A. Testing results for possible future use on RWY when conditions are similar. Checked RWY – conditions not changed.

11am - Checked RWY – conditions not changed.

12pm - Checked RWY - snow melted, some ice remaining.

12:30 - Opened RWY, parked lighted Xs near old NDOT hangar, changed RWY 27 NOTAM to FICON 1/1/1 (75% ice/50% ice/50% ice). Issued new FICON NOTAMs for patchy ice on all TWYs and ramps and took voice message off of AWOS.

1 – 2pm – Shoveled walkway and parking spaces on north side of terminal.

2pm – Checked RWY – Ice melted.

2:30pm - Changed RWY FICON NOTAM to 5/5/5 (100% wet), made same change for TWY and ramp NOTAMs.

3pm – Checked RWY – no changes. Replaced one bulb RWY 9 PAPI.

4pm – Checked RWY – pavement remains wet with some drying. Changed RWY FICON NOTAM to 5/5/5 (50% wet), made same change for TWYs and ramps.

5pm – Checked RWY – no changes. Updated RWY FICON NOTAM to 5/5/5 (50% wet) and “conditions not monitored” between 5:30pm and 8:30am (local), made same change for TWY and ramp NOTAMs.

**2025 01 27**

8am – Completed movement area inspection. Patchy ice remains on RWY, TWYs and ramps.

8:30am – Posted NOTAMs for 10% ice on RWY and patchy ice on all TWYs and ramps, effective until 10am.

9:30am – Checked airfield – rising temperatures and sun exposure has melted ice. Allowed NOTAMs to expire at 10am.

11 am – Topped off fuel in flatbed truck, blower and lighted X’s.

No further actions for this event.

**OVERTIME HOURS WORKED**:

0 HRS

**TOTAL**: 0 HRS

**FUEL:**

DIESEL (lighted X’s): 5.0 gallons / $17.49

GASOLINE (flatbed truck and blower): 4.139 gallons / $14.48

**TOTAL:** 9.139 gallons / $31.97

**REPAIR PARTS:**

NONE

\*No damage to airfield lights, signs or airport equipment

**SNOW EVENT 2**

**2025 02 13**

**7am** – Received 6 to 7 inches of snow overnight. Began posting NOTAMs closing the runway (RWY), taxiways (TWYs), and ramps. Snowfall changed over to rain – remained as light/moderate rain for the rest of the day. Started both large plows and cleared snow from windows, hoods and fenders. Found hydraulic leak on new plow from loose fitting on plow traversing cylinder. Tightened fitting, no other leaks at this time.

**8am** – Cody and Rick began plowing RWY and TWY A with the two large plows (1st event using new plow). Corey is en-route from home, delayed due to traffic.

**8:40am** - RWY plowed 50%, TWY A plowed 75%. Cody and Rick returned to terminal and Corey on-site now.

**8:55am** - Corey and Cody resume plowing in both large plows on the RWY and TWYs. Rick in tractor w/box plow to clear RWY ends.

**11:20am** – RWY, mid-field connector TWY and TWYs A, D, C, B plowed 90% complete. Taxi lanes E and F plowing in progress. Rick called Cody – asked him to return to the terminal and get flatbed truck/plow to do final clearing of snow and ice chunks dropped off large plows on the RWY and TWYs A and D. Rick called Corey (11:24) and advised what Cody was doing and intent to allow RWY and TWY A, D, C, B closures to expire at 12pm. Corey notified Rick of request from an airport user to clear the south ramp taxi lane near Stellar Aviation hangar. Rick will go there next after finishing snow removal at RWY/TWY D-4 intersection.

**12pm** - Closure NOTAMs expired opening the RWY and TWYs as stated above.

**12:11pm** – Rick at south ramp to expand areas already plowed and clear taxi lane in front of Stellar hangar.

**1pm - 2:30pm** – Large plows complete clearing self-serve fuel apron, north ramp access to TWY D and all TWY A and D run up pads . South ramp priority areas 3 and 4 completed.

**2:40pm** – All snow equipment returns to terminal. Staff discussed progress. Rick and Cody drive airfield to assess progress and determine actions for the remainder of the day and tomorrow.

**3pm – 5pm** – Rick and Cody continue plowing, snow removal completed in the following areas: Berms along taxi lane E, all taxi lanes along north side TWY D, four taxi lanes along south side of TWY A, and TWYs A2, D2, and A4. All remaining pavement closure NOTAMs allowed to expire at 4pm.

**5:30pm** - FICON NOTAMs posted for RWY, all TWYs and ramps for wet surface, 18-inch berms and conditions not reported between 5:30pm and 8:30am (local).

**2025 02 14**

**8am** – Airfield FOD inspection completed. New FICON NOTAMs posted for wet pavement and berms.

**9am - 12pm** – Cody used flatbed truck to finish plowing the berms over by the T hangers, completed airfield inspection and updated FICON NOTAMs to report patchy wet pavement and berms.

**3:30pm** - Completed airfield inspection, updated NOTAMs report 10” berms with conditions not reported overnight.

**2025 02 15**

**8am** - Completed movement area inspection. Found a runway edge light that was hit from plowing, nothing broken, and was able to just put the lens back on.

**12pm** - Refueled both plows and tractor. Went and topped off flatbed truck and refilled diesel tank.

NOTAMs will continue to be posted as needed until the pavement remains dry and berms melt. No further entries for this event. Overtime, fuel and repair parts notes below:

**OVERTIME HOURS WORKED**:

2025 02 13: Cody 1.5 HRS

**TOTAL**: 1.5 HRS

**FUEL:**

DIESEL (Large plows and tractor): 49.457 gallons / $178.00

GASOLINE (flatbed truck): 20.706 gallons / $82.80

**TOTAL:** 70.163 gallons / $260.80

**REPAIR PARTS:** NONE - \*No damage to airfield lights, signs or airport equipment