

Louisville Muhammad Ali International Airport (SDF)

The Louisville Regional Airport Authority utilizes 37 primary pieces of equipment to clean more than 17 miles of taxiways and runways, which range from 75 to 150 feet wide, and 10 miles of airfield roadway at Louisville Muhammad Ali International Airport. Currently, it takes snow crews approximately 25 to 30 minutes to fully clear each runway.

SDF's snow and ice removal equipment includes:

- 9 - MB2 Multi-Function equipment each with a 24-foot plow, 22-foot broom and 400 mph air blast system
- 5 - All-wheel drive high-speed snowplows with 22-foot-wide plow blades
- 4 - All-wheel drive high-speed 22-foot-wide snow brooms
- 3 - Snow blowers
- 3 - 4,000 gallon de-icer trucks
- 2 - Dump trucks with 12 foot wide plow blades
- 4 - Pickup trucks with plow blades
- 4 - Skid loaders (3 - 10 foot box plows)
- 3 - Wheeled loaders with 22-foot-wide box plows
- 3 - Compact Wheel loaders with 8-foot brooms

Dump trucks, pickups and hand tools are used for snow removal in public parking lots, roadways, and sidewalks.

Investment in snow removal equipment since 2019 totals nearly \$14 million with the following additions:

- 9 - MB2 multi-functions totaling \$7.65 million
- 2 - Compact loaders with brooms totaling \$226,000
- 1 - High-Capacity runway snow blower totaling \$1.2 million
- 1 - 4,000-gallon liquid runway deicer truck totaling \$715,000
- New snow equipment storage building totaling \$4.2 million

Future investment in snow removal equipment:

2 - Replacement Front mount 22-foot snow brooms totaling \$1.5 million



Bowman Field Airport (LOU)

The Airport Authority uses the following equipment to clear the runways at Bowman Field. Crews simultaneously focus on clearing the airfield while assuring the ramps, walkways, roadways and parking lots are available for use.

- 2 - 22-foot plow trucks
- 2 - 22-foot snow brooms
- 1 - 4,000-gallon de-icer truck
- 1 - Front end loader with push box
- 1 - Toolcat with broom
- 1 - Skid steer with broom and push box
- 1 - Backhoe loader with push box
- 1 - Chevy 3500 Dual rear wheel single axle dump truck with front end plow
- 1 - Ford F250 4x4 with front end plow and 8.5 cubic foot tailgate spreader
- 1 - Ford F350 4x4 with front end plow and 8.5 cubic foot tailgate spreader
- 1 - Ford F350 4x4 with front end plow and 1.8 cubic yard truck bed hopper

