

Safety Net

STL SAFETY MANAGEMENT SYSTEM (SMS) INTERNAL QUARTERLY NEWSLETTER

A Safety Management System (SMS) is a formal, top-down approach to managing safety risks. SMS concerns itself with organizational or system safety rather than conventional work-related health and safety issues. SMS allows the organization to pro-actively manage risk, detect and correct safety problems before those problems result in incidents or accidents, and reduce the impact and cost of incidents.

2017 was another great year for STL SMS. Sixty-two reports were filed through the Confidential Hazard Reporting System; a 32 percent increase when compared to 2016. A summary of the entire year can be found on Page 4. To date, the Confidential Hazard Reporting System has received a grand total of 309 difference-making reports. The continued support and assistance from the entire organization, including airline partners, tenants, Airport Authority employees and other business associates has been impressive. This level of support, not seen by many of my SMS industry colleagues, substantiates the Airport community's on-going commitment to improving the safety of this facility.

We are always looking for ways to improve STL SMS. If you know of a way to improve or grow the program, please do not hesitate to share your thoughts. I can always be reached at ecsmart@flystl.com or 314-426-8094. →

STL SMS: WORKING FOR YOU

The Airport received **14** reports during the fourth quarter of 2017. The following are just a few of the reported concerns and the corresponding improvements. A full breakdown of the fourth quarter can be found on Page 3.

Reported Concern: Eastbound Lambert International Boulevard (LIB) drivers making a left turn into the on-coming traffic of the Terminal 2 exit lanes.

Corrective Action: Installed an additional “No Left Turn” sign on eastbound LIB. Replaced standard sized “Do Not Enter” signs with oversized “Do Not Enter” signs and installed three new oversized “Wrong Way” signs along the Terminal 2 exit lanes.

Reported Concern: Tractor-trailer drivers attempting to turn around in the narrow North Fire Station (ARFF) driveway and parking lot.

Corrective Action: Installed one oversized “Dead End” sign, one oversized “No Outlet” sign and one custom-designed “No Truck Turn Around” sign.

Reported Concern: Floor tiles on the Yellow Level of the Terminal 1 Parking Garage, between Exit 15 and Elevators T1G-3 and T1G-4 are slippery when wet.

Corrective Action: Removed existing floor tiles and installed new anti-slip floor tiles.

Reported Concern: Vehicle drivers parking in designated “No Parking” area blocking the view of on-coming Terminal 1, Arriving Flights Drive traffic from the Red Level Parking Garage Exit Lane.

Corrective Action: Installed *Impact Recovery System* white reflective delineators around the perimeter of the designated “No Parking” area.

REPORT POTENTIAL SAFETY CONCERNS

SMS Hazard Reporting Website



<https://sms.flystl.com>

SMS Hazard Reporting Hotline



314-426-8117

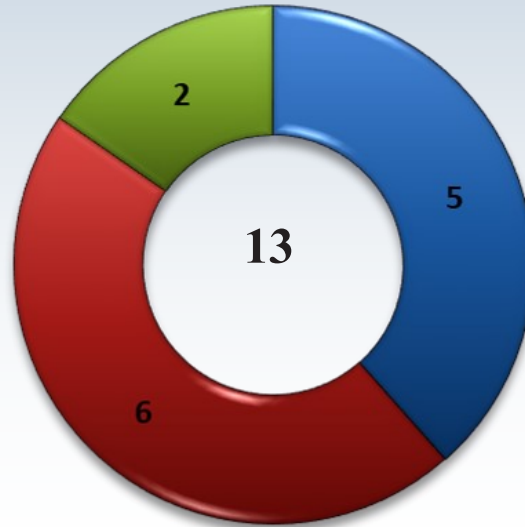
EDITOR



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Total Reports Received

■ October ■ November ■ December



Reports by Hazard Type



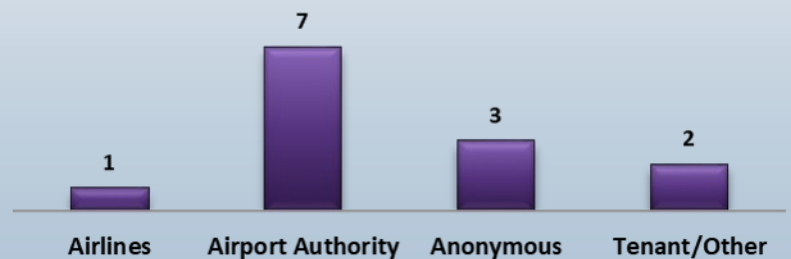
Reports by Outcome



Reports by Location



Reports by Entity

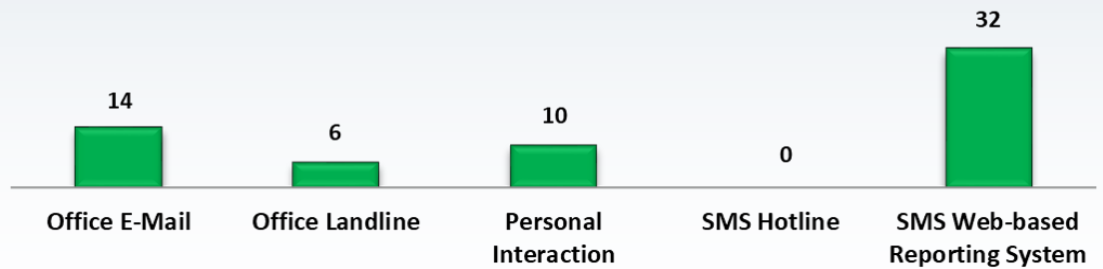


STL SMS REPORTING: 2017 YEAR-IN-REVIEW

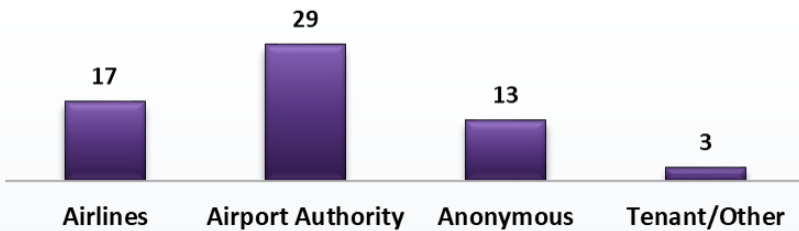
Reports by Outcome



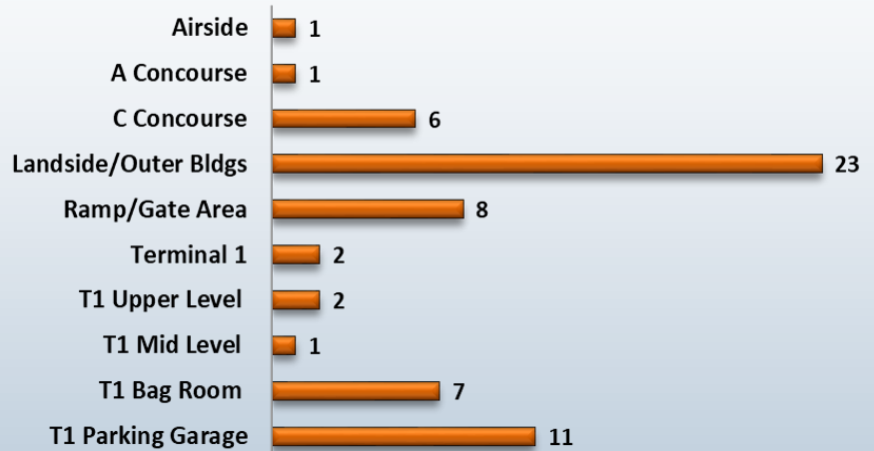
Reports by Method



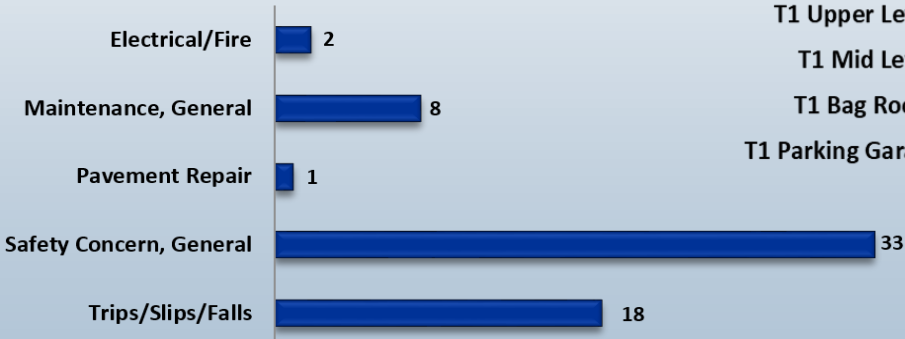
Reports by Entity



Reports by Location



Reports by Hazard Type



COMING TO A PUBLIC RESTROOM NEAR YOU...



Every day millions of people across the country self-inject their health maintenance medications, such as insulin, in public settings. These individuals often have no choice but to dispose of their used needles by flushing them down the toilet or placing them in a trash can.

Recognizing the need to provide our passengers and employees with a safe way to dispose of needles and other sharps, along with the desire to protect Airport maintenance and janitorial staff from injury and infection associated with the improper disposal of used sharps, STL developed and is now implementing the *Sharps Container Program*.

In the coming months, you will see large, locked, theft-proof sharps containers in all 55 public restrooms in the Terminals and Concourses. To date, sharps containers have been installed in all of the A Concourse public restrooms.

Sharps Container Program questions? Contact Orangella Bittick/Airport Operations & Maintenance @ 314-890-1816.

SMS HAZARD REPORTING SYSTEM

As an employee working at STL, you have a job that takes you to areas where you see things that many cannot. Because of this privilege, we need you to be the eyes and ears of the Airport and report hazards and unsafe conditions.

The Airport has two resources for employees to report non-emergency airside or landside hazards: the **SMS Hazard Reporting Website** and the **SMS Hazard Reporting Hotline**. The **website** allows employees to report hazards anonymously.

All hazard reports will be processed through the Airport's structured SMS system, thoroughly investigated and kept confidential, to the full extent allowed by law.

Remember, reporting a safety concern is everyone's responsibility. If you see something that should be addressed, utilize STL's Hazard Reporting resources.

Website: <https://sms.flystl.com/> **Hotline:** 314-426-8117



STL CONTACT NUMBERS



AIRPORT FIRE DEPARTMENT

(314) 426-8133*
*Emergency Line



AIRPORT OPERATIONS CENTER

(314) 426-8040



AIRPORT POLICE & EMS

(314) 426-8100

PALLET PARKING

The wooden *Pallet Parking* Program was once again a success in **2017**. The Program collected **753 pallets**. Thank you for your continued participation in the *Pallet Parking* Program. We look forward to another successful *Pallet Parking* year in 2018.

As a reminder, there are three (3) designated *Pallet Parking* locations on the south side of the airfield:

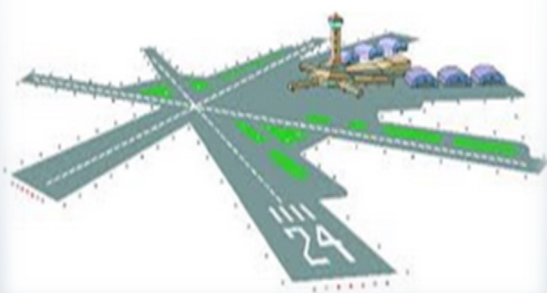
- **West:** Across from Gate A3 (near the blast fence).
- **East:** Between Gates C31 & C33 (open Ramp space near the building).
- **Cargo City:** North of Perimeter Gate 2S (across from Air General's Cargo Building space-secure side).



All three *Pallet Parking* locations are identified by the logo above. Each individual airline and/or tenant is responsible for staging pallets in the designated *Pallet Parking* locations. Airport Airfield Maintenance will monitor the *Pallet Parking* locations and coordinate pallet removal. Pallets in good condition will be recycled. Pallets in poor condition will be turned into mulch.

Pallet recycling questions? Contact Airport SMS.

AIRFIELD CONDITION REPORT



One of the many responsibilities of the STL Airport Operations Center is to monitor conditions at the airport and distribute information about those conditions to all users. The goal: Provide the flying community with accurate and timely airport condition information to ensure safe operations. To fulfil this requirement, STL disseminates the Airfield Condition Report (ACR).

The ACR provides users with up-to-date, easy-to-understand airfield pavement condition information for STL's Runways, Taxiways and Ramps. To meet all user needs, this web-based report can also be viewed and printed as a PDF document.

The ACR is available on the Airport's public website (www.flystl.com) and on the Airport's new community website (www.stlairportal.com). To quickly navigate to the most current Airfield Condition Report, visit and bookmark <http://acr.lambert-stl.org/>. ACR questions? Contact the Airport Operations Center.

CONSTRUCTION UPDATES

Landside Project: Replacement of the Federal Inspection Service (FIS) Baggage Belt System.
Start Date: In Progress.
Projected End Date: May 10, 2018
Impacts: This project entails replacing the baggage belt system, including the baggage carousel, and associated improvements in the FIS (Customs) area.

Landside Project: Replacement of the Paging (PA) System
Start Date: Spring 2018
Projected End Date: Fall 2018
Impacts: This project will replace the PA system and associated equipment serving Terminal 2 and Gates E29 through E40. This project will include system testing during the overnight hours.

Landside Project: Replacement of Pavement Joints on Terminal 1 Departing Flights Drive
Start Date: Spring 2018
Projected End Date: Summer 2018
Impacts: This project will replace select pavement joints located on Departing Flights Drive. There will be temporary roadway closures associated with this project.

Landside Project: Replacement of Select Concrete Roadway Pavement
Start Date: June 2018
Projected End Date: Fall 2018
Impacts: This project will include the removal & replacement of select concrete pavement on Lambert International Boulevard (LIB). There will be temporary lane closures associated with this project.

Landside Project: Replacement of Terminal 1 Departing Flights Drive to Arriving Flights Drive Staircase/Ramp & Waterproofing of Terminal 1 Arriving Flights Drive.
Start Date: Late Summer 2018
Impacts: This project will reconfigure and enlarge the staircase and ramp leading from Departing Flights Drive to Arriving Flights Drive and reapply the waterproof coating on Arriving Flights Drive. This project will also modify the island and crosswalks located on Departing Flights Drive across from Exit 5. There will be temporary roadway and sidewalk closures associated with this project.

CONSTRUCTION UPDATES

Landside Project: Construction of a Third Security Lane at Checkpoint F
Start Date: In Progress.
Projected End Date: Late Spring 2018
Impacts: This project will create an additional (third) TSA screening lane at Checkpoint F in Terminal 2. This project will include nightly closures of Checkpoint F.

Airside Project: Rehabilitation of Runway 12L-30R outer pavement panels, from Taxiway L to the Approach End of Runway 12L and from Taxiway J to the Approach End of Runway 30R.
Start Date: April 16, 2018
Projected End Date: Summer 2018
Impacts: This project will require a continuous, six-week long closure of Runway 12L-30R. This project will also include temporary Taxiway closures. Contact the Airport Operations Center @ 314-426-8040 or review the Airport Condition Report @ <http://acr.lambert-stl.org/> for closure information.

Airside Project: A Concourse Gate Electrification
Start Date: Late October 2017
Projected End Date: Summer 2018
Impacts: This project entails installing Ground Power Units (GPUs) and Pre-Conditioned Air (PCA) units and electrifying the jetbridges at Gates A4, A8, A9, A10, A14, A15 and A17. There will be temporary jetbridge impacts and power shutdowns associated with this project. The Airport will coordinate this project with the impacted airlines.

Airside Project: Airline Ramp Fuel Hydrant System Replacement
Start Date: In Progress
Impacts: This project will replace the fuel hydrant system and repair the A Concourse to C Concourse Connector fuel line. The contractor will coordinate repairs and fuel system shutdowns with impacted airlines.

Need more construction information? Contact Airport SMS.



UP IN 90 SECONDS



Thanks to reports filed through the SMS Confidential Hazard Reporting System, the Airport found a substitute for the strip curtains (plastic meat locker-looking strips) to keep the Terminal 1 Baggage Make-Up Area warm and the water pipes and fire lines flowing. That alternative: zoom doors.

In early December 2017, the Airport installed permanent, industrial grade, high-speed doors, better known as “zoom doors”, at **Door 33** and **Door 28**.

The aptly named zoom doors open in 90 seconds, are designed for intensive inbound and outbound traffic, and are made of a flexible material that does not contain rigid parts. The zoom doors automatically open and then close automatically when in-pavement sensors detect a tug or other vehicle. Pedestrian push buttons allow employees on foot to enter and exit the Baggage Make-Up Area.

Have comments or questions about the new zoom doors? Contact Airport SMS.

FROZEN BLUE JUICE

Finding a parking spot for cold-sensitive ground service equipment like lavatory carts and water carts in the space-constrained Terminal 1 Bag Room when the mercury falls below freezing is like trying to find a parking spot in a shopping mall parking lot days before Christmas; you park in the first spot you find. Do not sacrifice safety for speed – **do not park lavatory carts next to potable water carts.**

Lavatory carts are filled with a mixture of water and disinfecting concentrate, commonly called “blue juice”, and empty waste from aircraft lavatories. In contrast, potable water carts are filled with quality water that’s delivered to an aircraft.

All potable water carts and lavatory carts must be properly labeled. To avoid cross contamination, lavatory carts must not be parked within 10 feet of potable water carts. All lavatory carts must be cleaned and emptied *prior* to parking in the T1 Bag Room. Lavatory cart spills must be cleaned up immediately.

Finally, don’t forget to move those water carts, lavatory carts and other ground service equipment out of the T1 Bag Room in the morning so all users can operate and maneuver their equipment safely in this space-constrained area.