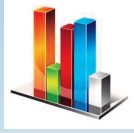




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Safety Net

STL SAFETY MANAGEMENT SYSTEM (SMS)
MAJOR MILESTONES & ACCOMPLISHMENTS
ARCHIVAL COPY

Safety Management System

Lambert-St. Louis International Airport's SMS initiative began in 2012. This archival copy of *Safety Net* highlights the program's major milestones and accomplishments for 2012 and 2013.

The project to implement a Safety Management System (SMS) at Lambert- St. Louis International Airport officially began in February 2012 with the Airport's SMS consulting firm, Faith Group, LLC (FG). FG conducted a Gap Analysis and reviewed existing conditions, developed the Safety Policy, goals and objectives and hosted numerous workshops, training sessions and briefings.

In response to the FAA's proposed SMS rule, and as part of the Airport's commitment to organizational safety, the Airport created a *SMS Coordinator* position. In late 2012, Elizabeth Smart was hired as STL's SMS Coordinator and assumed implementation responsibility of the program.

The SMS Coordinator designed the web-based Confidential Hazard Reporting system, for both airside and landside, and STL's talented in-house IT staff built both the user and administrative side of the site. To ensure those individuals without internet access can still report safety concerns, she established a telephone-based Hazard Reporting system utilizing an existing, unassigned telephone number set-up by STL's in-house telecommunications staff. The SMS Coordinator officially launched the web-based Confidential Hazard Reporting system and telephone hotline on March 1, 2013.

The SMS Coordinator also created administrative processing procedures and checklists, form letter and welcome e-mail language, telephone hotline verbiage, and quarterly dashboard templates.

Confidential Hazard Reporting System

On March 1, 2013, the Airport distributed two new SMS resources to members of the Airport community: the web-based SMS Confidential Hazard Reporting system and the Hazard Reporting telephone hotline. Both resources allow employees to report non-emergency airside or landside hazards. The web-based system allows employees to report hazards anonymously. The telephone hotline rings directly into the SMS Coordinator’s office; voice mail messages are placed into a dedicated SMS voice mail box. The availability of these resources was announced via e-mail to Airport Domain users, Station Managers and concession and tenant managers. The Confidential Hazard Reporting system received its first report on March 15, 2013.



To ensure new managers are aware of these resources, the SMS Coordinator developed a “Welcome to Lambert/SMS Resources” e-mail.

Proactive Projects



In the past, safety measures have typically been reactive—put in place after an incident. SMS takes a proactive approach with the goal of being forward-looking in accident and incident prevention.

Notable Proactive Projects in 2013:

- Relocated Vehicle Service Roadway (VSR) away from Gate E24 to provide sufficient clearance between vehicles and aircraft’s tail.
- Removed bolts and replaced concrete at former passenger loading bridge locations (Gates B8, C1, C28 & D18).
- Installed emergency broadcast speakers in various Terminal 1 Airport Authority offices and conference rooms.
- Replaced multiple faded Ramp-side Emergency Fuel Shut-Off signs.
- Adjusted Stop sign on bollard west of C28 garage door, Rampside, enabling drivers to see the Stop sign as they approach the garage door.
- Removed Ramp-side Fire Extinguisher signs at unleased gates without fire extinguishers.

Eye on the Industry

To stay on top of upcoming trends in the ever-changing industry of aviation, STL SMS participated in the following meetings and events:

- March 2013:** STL Disaster Drill Table Top Exercise
- April 2013:** Missouri Airport Managers Association Conference
- May 2013:** AAAE* SMS Industry-wide Working Group conference call (Regulatory update).
- June 2013:** FOD Detection Equipment and LiDAR Pavement Management System product review.
- October 2013:** AAAE* SMS Industry-wide Working Group conference call (Regulatory update).
- November 2013:** AAAE* Runway Safety Summit



*Occupational Safety and Health Administration

*American Association of Airport Executives

AIRPORT SMS: WORKING FOR YOU

NOTABLE IMPROVEMENTS

In its inaugural year, the online hazard reporting system received 69 reports. A full breakdown of the year can be found on Page 4 and 5.



Notable Improvements in 2013:

- Replaced truncated dome, Departing Flights Drive, Terminal 1;
- Covered numerous open junction boxes in the T1 Bag Room;
- Established a routine cleaning schedule of the T1 Bag Room (City-maintained areas);
- Installed retractable belts on the east and west side of the B Concourse Stage;
- Repaired multiple pavement breakouts at Gates A14, A16, A18, A19 and A21;
- Repaired rubber bumpers on a Baggage Make-Up Carousel in the T1 Bag Room;
- Installed new stairs and handrail, T2 Garage near Lambert International Blvd;
- Repositioned guard rail in the T1 Bag Room;
- Recycled one abandoned deicing tote and properly disposed of fluid, Gate A12;
- Installed fire strobes in the Airport Legal Department, Terminal 1;
- Recycled five abandoned deicing totes and properly disposed of fluid, Perimeter Gate 16S;
- Installed smoke detectors in the Airport Human Resources Department, Terminal 1;
- Repaired handrails at Gate A14 and A16, Ramp Level;
- Recycled four abandoned deicing totes and properly disposed of fluid, Gate E31; and
- Removed former Eastern Airlines eye wash and shower station near Gate A14, Ramp Level.

SMS EXECUTIVE COMMITTEE MEMBERS

Rhonda Hamm-Niebruegge /
Airport Director

Susan Kopinski / Deputy Director-
Finance & Administration

Cornell Mays / Deputy Director-
Planning & Engineering

Bill Korte / Assistant Director-
Operations & Maintenance

Liz Smart / SMS Coordinator

SMS STANDING COMMITTEE MEMBERS

Liz Smart / Committee Chairperson

Shiv Dharan/ Finance

Cpt. Mike Dean / ARFF

Vaughn Desha / Airfield
Maintenance

Lt. Stacey Link / Airport Police
Department

Harry Moore / Engineering

Glenn Pudlowski / Operations

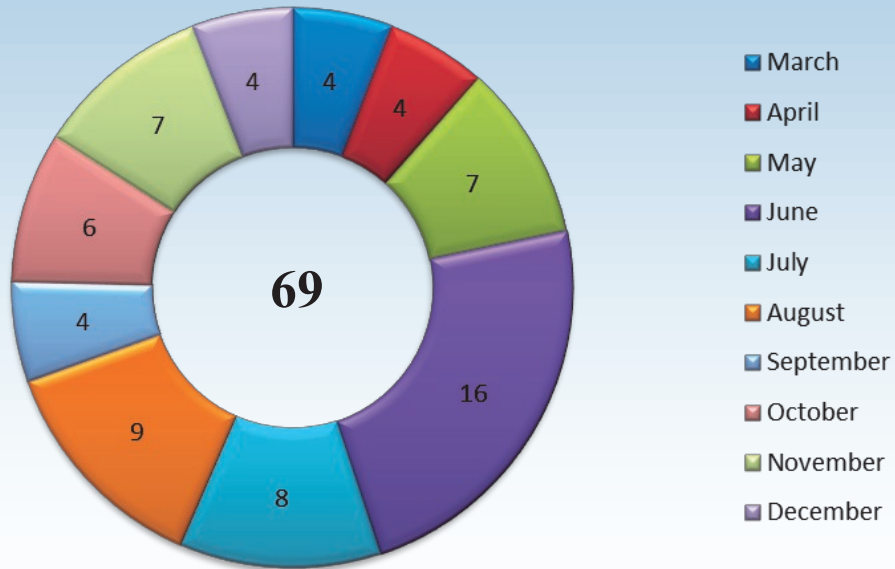
Ruth Carnoske / Risk Management

Steve Shoemaker/ Safety
(Employee)

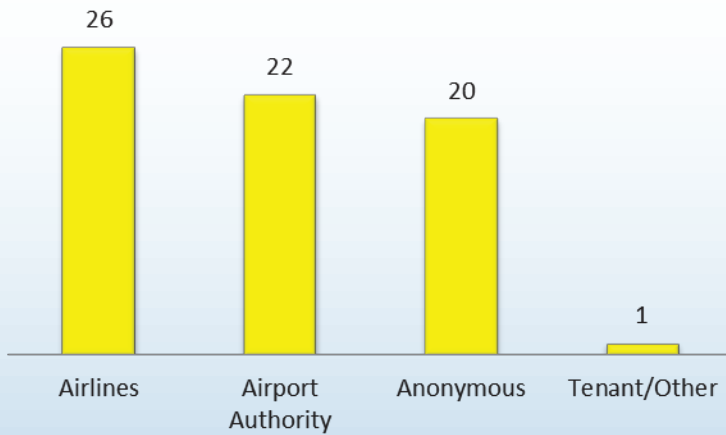
Jan Titus / Planning

STL SMS REPORTING: 2013 YEAR-IN-REVIEW STATISTICS

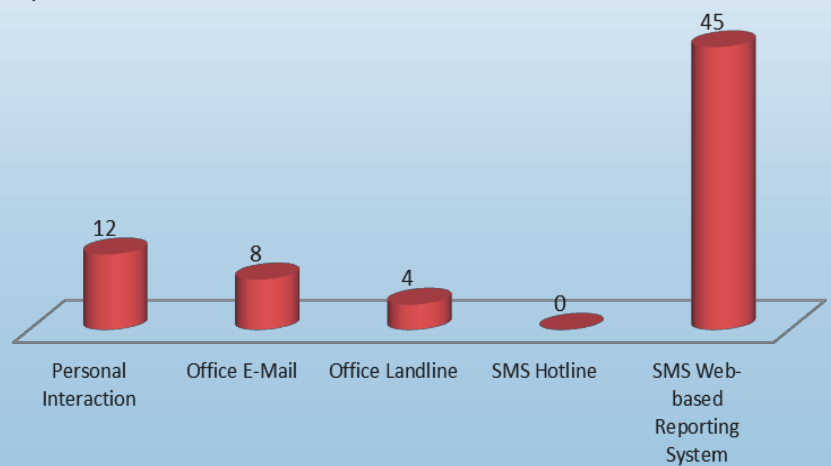
Reports Received in 2013



Reports By Entity

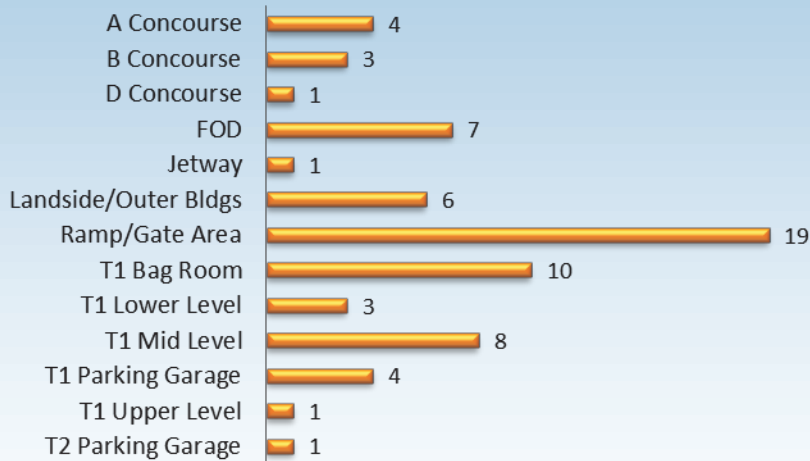


Reporting Methods

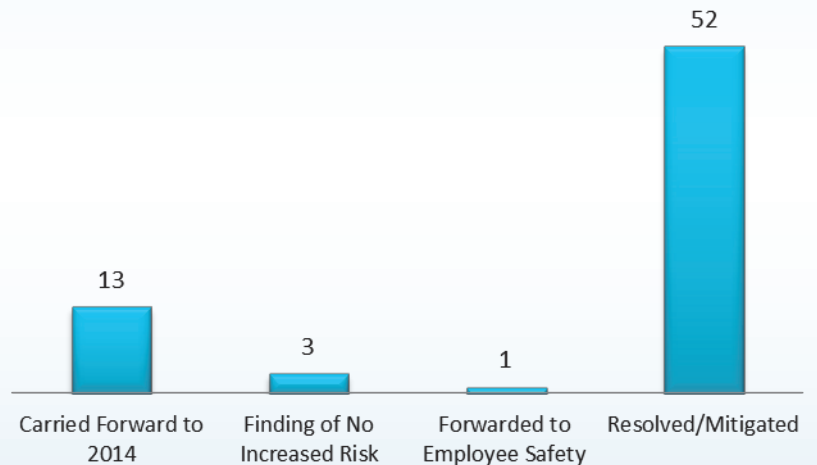


STL SMS REPORTING: 2013 YEAR-IN-REVIEW STATISTICS CONTINUED

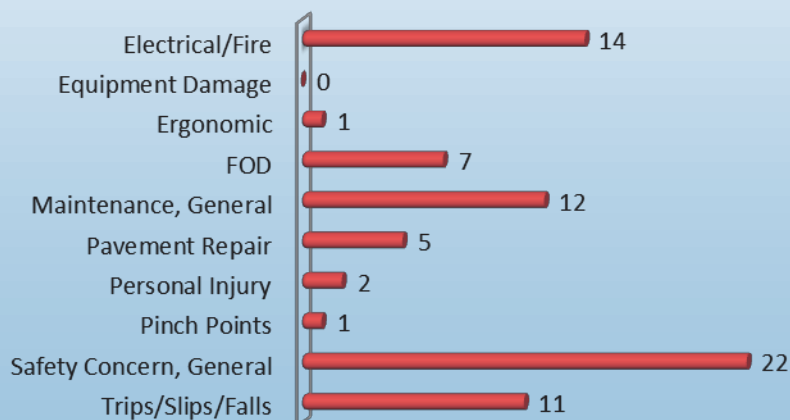
Reports by Location



Reports by Outcome



Reports by Hazard Type



FOREIGN OBJECT DEBRIS (FOD)

On Saturday, June 8, 2013, the *FOD Brigade*, made up of 29 Airport, Airline and Tenant volunteers, supported by Airfield and Building Maintenance personnel, participated in the *FIRST* annual STL FOD Walk. Focusing on the C Concourse, the Brigade collected numerous bags of trash, wooden pallets and other items.

In addition, a team removed FOD along Tug Road from the Host Commissary to the beginning of the D Concourse in an effort to make STL a safer place to work and operate.



The 1st Annual FOD Walk was generously supported by AIG/AON Risk Solutions, AirMark by Ennis-Flint, American Airlines, Boeing Test and Evaluation – Military Tactical Flight Operations, Crawford, Murphy & Tilly, Inc. (CMT), Faith Group, LLC, Professional Business Providers (PBP), The Conley Financial Group, and United Air Lines.



MINI FOD REMOVAL OPERATIONS

The Airport is committed to eliminating FOD on the Ramp. In addition to the 1st Annual FOD Walk, STL conducted numerous “mini” FOD removal operations including:

- Removal of boxes and piping near Gate C30;
- Removal of pallets near Gate D2;
- Removal of trash cans, paper, chairs, pallets, desks, filing cabinets and pavement cores near Gate E34 and East Chiller;
- Removal of electrical spools near the West Substation;
- Removal of a refrigerator near Gate C24;
- Removal of a picnic table near Gate B8;
- Removal of construction materials between Gate C36 & C38;
- Removal of wood near Gate D16; and
- Removal of HVAC parts and construction materials near Gate E29.

A special thanks to Airfield Maintenance and Building Maintenance for their FOD removal assistance throughout the year.