Safe Runway Conditions

Runway Safe - the exclusive North American distributor for SARSYS-ASFT.

As a part of our vision to bring airfield safety to everyone, we now offer SARSYS-ASFT's proven and trusted products with local support and knowledge. Feel confident in knowing that the correct maintenance and operational decisions are made at the right time and place when assessing runway conditions.

RUNWAY SAFE

SARSYS-ASFT

SARSYS-ASFT®'s RWIS

The weather system for runways

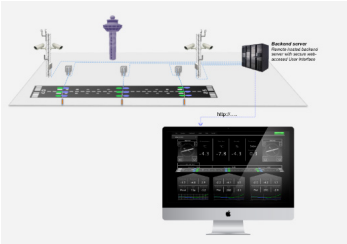
- Exact numbers mean exact decision making, and saving money
- Reduced maintenance costs
- Reduced environmental impact with less runway deicer
- Return of investment within 2 years
- In line with the Global Reporting Format (GRF)
- Designed models for runway operators result in better forecasts

Weather measuring, a key component for runway operators with unpredictable variables such as heavy winds, rain, snow, hail, ice and poor visibility.

RWIS is a surveillance system that uses sensors and subsystems to monitor and send out early warning signals before conditions become critical.

The computerized weather system consists of sensors, fixed stations and dataloggers that communicate with interface MIDAS.

Embedded sensors detect surface temperature, surface freezing point, and type and depth of contamination. Fixed weather stations collect data



on air temperature, wind direction, humidity and gives a visual image. The camera adds a dimension making it possible to see the precipitation in real time. Data-loggers compile all data to the back-end server before it reaches the operator via MIDAS.

ASFT® MIDAS

Multi Information Data Assessment System

MIDAS is a Collaborative Runway Assessment Platform for processing vast amounts and various types of input. In MIDAS, data can be viewed, and complete runway assessments can be performed. Collected data is visualized and can be monitored in different views such as graphs, tables and maps. All collected data can be monitored in real time or be brought-forth retrospectively.

Combine with weather-, surface- and other data

The user has the possibility to view data from multiple systems - both from mobile measuring units (like a friction-tester) and from stationary sensors (like embedded surface temperature sensors, surface-state sensors, precipitation sensors, wind, visibility etc). With all data in one system from both mobile units collecting data over the entire infrastructure, and fixed sensors continuously sampling data over time, the user will have complete information of the condition at a glance.

In MIDAS it is possible to integrate a weather forecast, not only for the weather in the sky, but also for the conditions on the runway. Through color coding of information the user gets an update of the current conditions, the latest development and, importantly, the forecast, all at a glance.

- Safer Runways
- Increased efficiency in winter maintenance
- Less dependent on specific operators
- Open systems for flexibility and scalability

Cloud based

The MIDAS Snowtam App is a cloud based application, a tool to facilitate the process of collecting and reporting runway data.

info@runwaysafe.com | www.runwaysafe.com

SARSYS-ASFT®
Continuous Friction Measuring Equipment (CFME)

T-5 Trailer Friction Tester

The T-5 Trailer Friction Tester is a popular choice in the product line of ASFT's friction testers. The construction is a simple and sophisticated evolution of the proven successful MK IV rear-axle found in our integrated friction testers. The tester uses an automatically regulated water system and connects quickly to a tow vehicle with an external water tank. The T-5 Trailer features a stable and repeatable measurement system.

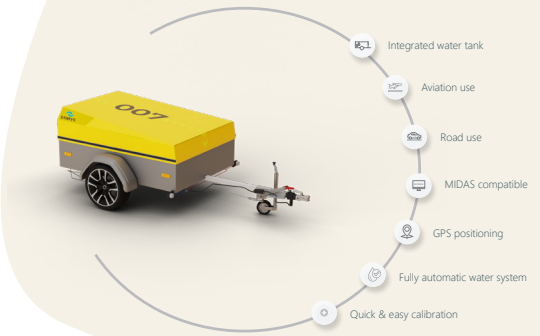
All systems are compatible with your existing software or our collaborative runway assessment platform MIDAS.

Industry Standards

Measuring requirements
In accordance with ASTM E2340, FAA AC150/530-12C, ICAO Airport Service Manual, UK CAP 683

Approved by
FAA.

info@runwaysafe.com | www.runwaysafe.com



SARSYS® Trailer Friction Tester

The SARSYS® Trailer Friction Tester (STFT) is balanced and weighted for high repeatability and reproducibility for the entire measurement length of the runway and taxi-ways.

The fully automatic self-watering system including the tank is built into the chassis of the unit. Combined with the wireless operating computer makes the STFT quick to get fully operational once connected to the towing vehicle.

All systems are compatible with your existing software or our collaborative runway assessment platform MIDAS.

Industry Standards

Measuring requirements
In accordance with ICAO, FAA, UK CAP683, and ASTM 2340.

Approved by
FAA.

info@runwaysafe.com | www.runwaysafe.com

SARSYS® Vehicle CFME

SARSYS-ASFT is the first and only company supplying all electric CFME on the global market.

The vehicles carries great water loading capacity, and is the future in sustainable friction measuring for large areas.

All systems are compatible with our collaborative runway assessment platform MIDAS. The operator interface offers monitoring of collected data in real time or visualized as future scenarios.

Measuring principle
Fixed slip ratio

Measuring System
SARSYS MkIV

Computer system
SARSYS-ASFT® NG – Falcon – PLC

Calibration
Quick manual calibration or optional automatic

Maneuverability
Top of class

Measuring requirements
In accordance with ASTM E2340, FAA AC150/530-12C, ICAO Airport Service Manual, UK CAP 683

Approved by
FAA

info@runwaysafe.com | www.runwaysafe.com

SARSYS® SNAp 2.0 - Global Reporting

More data equals increased runway safety?
- Yes, if you import and use your data correctly!

SNAp 2.0 is an app-based runway assessment software developed for simple, fast and accurate data collection to automate the process of filling out the GRF (Global Reporting Format). Other features include the possibility to integrate friction data and other non-regulatory information that can be valuable to increase runway safety. The runway assessment software is operated via a user-friendly interface that is compatible with desktop, tablets, and smart phones.

The Weather data from RWIS (Runway Weather Information System), contamination data measured by surface state sensors and friction data accumulated from CFME (Continuous Friction Measuring Equipment), can be integrated with SNAp 2.0 to give appropriately processed data for filling out GRFs.

The process of adding highly useful non-regulatory data to the necessary regulatory data is made possible with SNAp 2.0, significantly lowers risks associated with miscommunication, and gives the ability to review objective data concerning runway surface conditions the interface will present.

info@runwaysafe.com | www.runwaysafe.com

Runway Safe specializes in airfield safety.

Runway Safe improves runway operations and safety by providing knowledge and value-adding solutions to the aviation industry.

As an exclusive partner for SARSYS-ASFT in North America we provide proven and trusted products to monitor the conditions of the runway with the same type of knowledge and local support you have already come to expect from our team working with aircraft arresting systems.

Runway Safe is the industry standard for commercial aircraft arresting systems and data-gathering solutions for making runways safer. We enable airports around the world to do more with less: more safety with less space, more types of aircraft with less investment, more flights with less downtime, more preserved nature with less airport footprint, more intelligent data with less resources. We provide safety and efficiency.

Runway Safe Inc.

2239 High Hill Road
Logan Township, NJ 08085
USA

info@runwaysafe.com
www.runwaysafe.com
+1 856 – 975 58 54

RUNWAY SAFE