

SAFESPILL MEDIA KIT

AUGUST 2023

SAFESPILL PROFILE:

Based in Houston, Texas, Safespill Systems, LLC was founded in 2013 and developed its ignitable liquid drainage floor assembly after many years of R&D and fire testing. The company earned the coveted FM Approval mark in 2017 following rigorous fire and materials testing. It earned a second FM Approval in 2020 for larger floor areas, such as those used in aircraft hangars and distribution centers. Lead by Tristan Mackintosh, founder and CEO, the company focuses on delivering fire protection solutions for its military and commercial clients building new hangars or retrofitting existing hangars to include ILDFA technology in their construction projects.

[Watch explainer video to learn how the ILDFA system functions +>](#)

SAFESPILL ILDFA ADVANTAGES:

- New Standard Offers Superior Fire Protection
 - Instead of reacting to a fire, ILDFA removes a spill before it can develop into a pool fire.
 - System automatically flushes spilled liquids and discharges them to external containment.
- Environmentally Safe Fire Protection, No Toxic Chemicals
 - ILDFA relies on water and gravity.
- Improved Daily Operations: Mission Aligned Fire Protection
 - No impact to the military readiness response due to accidental discharges of foam systems
 - No more defueling aircraft before repairs or maintenance tasks can be performed.
 - There is no more need for drip pans, making it easier to perform daily aircraft maintenance operations.
 - FOD (foreign object damage) Screens prevent nuts, bolts, or small items from falling inside the trench.

APPROVALS AND BUILDING CODE ADOPTIONS:

ILDFA is recommended in FM Global Data Sheet 7-93 and in the NFPA 409, 2022 Edition. In addition, the US Navy issued ITG that mandates that all newly built hangars shall be installed with ILDFA as primary fire suppression system. [Read more about our fire test performance +>](#)

COMPANY MISSION: TRANSITIONING THE WORLD TO ENVIRONMENTALLY SAFE FIRE PROTECTION

PFAS chemicals, known as “forever chemicals,” are found in firefighting foam (AFFF) and are extremely toxic to the environment as well as our bodies. In the aviation hangar industry, fire suppression systems using AFFF (Aqueous Film Forming Foam) systems are used to protect against the risk of a fuel spill or pool fire, where an ignitable liquid, such as fuel, spills out of an aircraft parked in the hangar.

The problem is that these protection systems tend to accidentally discharge, creating havoc on personnel, aircraft engines and avionics. When these foam fire suppression systems go off, the AFFF runs into sewer systems, consequently polluting local drinking water and affects tens of thousands of

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communities. Many studies have linked these chemicals to family-destroying illnesses, causing birth defects and several types of cancers.

At Safespill, we are convinced that we can eliminate this problem by protecting military and commercial aircraft hangars with Safespill floors instead of AFFF systems. *Therefore, it is Safespill's mission to transition the world to environmentally safe fire protection.*

INVENTING THE SOLUTION: REVOLUTIONARY NEW FIRE SUPPRESSION FOR AIRCRAFT HANGARS

Ignitable liquid drainage is a perforated aluminum floor placed on a hangar floor. Holes draw the fuel into drainage channels as soon as it spills, effectively containing and quenching a fire before it can grow. *Safespill developed ILDFA (Ignitable Liquide Drainage Floor Assembly) a revolutionary new fire protection system that eliminates all concerns about engulfment while delivering better fire suppression performance. This is a multi-win technology that meets the needs of the military, hangar operators, aircraft owners, insurers of all types, and local authorities.*

SUPERVISED INSTALLATIONS: OFFER MACCS, CONTRACTORS, AND OWNERS PEACE OF MIND

10 years of Warranty, Inspection and Maintenance included in any military or commercial ILDFA installation. Driven out of a duty to our military to ensure they can focus on protecting our country, Safespill expanded our scope to include onboarding general contractors as certified installers through installation webinars where they will learn about the ILDFA installation process and become knowledgeable about the system. A Safespill onsite installation manager will oversee the installation to provide guidance to general contractors, floors include 10 years of warranty, maintenance, and inspection for all military and commercial floor installations.

Contact Information

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Interested in engaging us to create a preliminary proposal for your project? [Submit your request using this Hangar Inquiry Form](#)

