SAA 626 Aircraft Hangar Project

Retrofit, Group II Hangar

Salina, Kansas

Project Summary

The SAA Hangar 626 project at Salina Airport in Salina, KS, exemplifies the first successful retrofitting of a clean agent fire suppression system into existing infrastructure. The hangar bay is protected with a mix of overhead and sidewall nozzles, enhanced by cross-zoned video flame detection and an addressable Potter release control panel. Our IFP Titan 1230 Hangar System with FK-5-1-12 is protecting a 35,200 sq.ft. hangar bay containing high value and highly sensitive aviation equipment and avionics. Also, 11,800 sq. ft. of office and mechanical spaces being protected by a wet sprinkler system.

This project highlights the potential for retrofitting clean agent systems and sets a new standard for hangar protection as bans on PFOA/PFOS foam continue nationally.

Project Details

Client : BlueScope Construction
Owner: Salina Airport Authority
End User : Garmin
Contractor : Hutton
Architect : Architect One, Inc
Engineer : Blanchard AE Group

NFPA Hangar Classification : Group II
Hangar Size : 47,000 sq.ft.
Door Height : 26 ft.
Year Built : 1945

Features

- Effective coverage of the hangar bay with a mix of overhead and sidewall nozzles being protected by the clean agent system with the office and mechanical spaces being protected with a wet sprinkler system.
- The use of cross-zoned video flame detection enhances early and accurate fire detection.
- The Potter release control panel, coupled with user-friendly pull stations and AV devices, ensures reliable and efficient system operation.
- Includes Main and Reserve Supply

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