



MEMORANDUM

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Date: Aug 20, 2025
To: Andy Penick, Procurement Director
From: Frederick Shaver, AGS ARFF Assistant Fire Chief *FSD*
Richard Beal, AGS ARFF Fire Chief *RB*
Herbert Judon, Executive Director *HJ*
Re: Solberg 3% MIL-SPEC Fluorine-Free Foam from Ten-8 Fire and Safety, LLC

This memorandum justifies the sole-source procurement of 3,305 gallons of Solberg 3% Synthetic Fluorine-Free Foam (SFFF), a MIL-SPEC-certified product, from Ten-8 Fire and Safety, LLC. This procurement is essential for supporting the Augusta Regional Airport Fire Department's transition from aqueous film-forming foam (AFFF) to fluorine-free foam.

The Augusta Regional Airport Fire Department is transitioning from legacy AFFF, which contains PFAS, to fluorine-free foam (F3) in order to comply with the FAA Reauthorization Act of 2018, FAA Part 139 requirements, EPA environmental regulations, and Georgia House Bill 458. To facilitate this transition, the ARFF vehicles will undergo decontamination using industry-recognized procedures for cleaning PFAS. Once this process is completed, the ARFF vehicles must be immediately refilled with a MILSPEC-approved foam listed on the Qualified Product List (QPL) to ensure ongoing operational readiness and maintain FAA certification.

Justification

1. Product Uniqueness and Regulatory Requirements

- Solberg 3% SFFF is listed on the Department of Defense Qualified Products List (QPL) under MIL-F-24385F, confirming its performance against jet fuel fires.
- It was the first fluorine-free foam to be approved for ARFF operations by the DoD and is fully compliant with FAA Part 139.
- Solberg's formulation is compatible with existing ARFF proportioning systems, nozzles, and pumps, preventing the need for costly modifications.

2. Vendor Exclusivity

- Ten-8 Fire and Safety is a master regional distributor authorized to sell Solberg 3% SFFF in the needed quantities to Augusta Regional Airport.
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- Direct procurement through Ten-8 ensures manufacturer-backed technical support, warranty compliance, and timely delivery, aligning with our decontamination schedule.

3. Operational and Safety Necessity

- ARFF units must remain fully stocked with MIL-SPEC QPL-certified foam to maintain FAA certification and emergency response capabilities.
- The integration of Solberg foam ensures seamless compatibility with performance testing conducted during the transition.

4. Cost Effectiveness

- Procuring directly from Ten-8 prevents delays and eliminates additional costs associated with resellers or substitutions.
- Any deviation from Solberg 3% SFFF could result in noncompliance with FAA Part 139, requiring extensive upgrades to the trucks and equipment, and disrupting the ARFF operational readiness timeline.

If you have any questions or concerns, please do not hesitate to contact me.

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