

Fleet Watch

AlarisPro Newsletter



VOLUME 4 - March 2025



**Fleet Management Software Built
to Improve Safety & Reliability for
the Aviation Industry!**

2025 UAS Industry Focus

AlarisPro is pushing the boundaries of how fleet management can support expanded UAS operations in 2025. The focus for the UAS industry continues to be on Beyond Visual Line of Sight (BVLOS) approvals through waivers until the FAA releases Part 108 rules. AlarisPro is supporting our customers with an expanded tool set of Safety Management System (SMS) and BVLOS documentation features.

In this issue, learn how AlarisPro is positioned to provide a critical support role during the BVLOS application process and with ongoing compliance after a waiver is approved. BVLOS operations provide countless new opportunities for our industry including enhanced operations for infrastructure inspection, wildlife management and firefighting, cargo delivery, and agriculture monitoring to name a few. The benefits of obtaining a BVLOS waiver include better efficiency, improved data collection, and increased operations at scale. Fewer sorties over expanded areas makes BVLOS an incredible force multiplier for UAS operators and manufacturers.

AlarisPro is the only UAS platform that provides component level visibility and reliability metrics which the FAA, EASA, and other regulators have clearly communicated are required for BVLOS operations. We are proud to offer several one-of-a-kind features that are instrumental in helping customers maintain compliance, including recently released customized SMS tools, our powerful Flight Risk Assessment Tool (FRAT), and a Documents Module that provides the ability to assign and track reading assignments.

We are excited about what's ahead for 2025 and look forward to learning how we can best serve your UAS fleet management needs. Come see us at either Xponential 2025 in May, or the Energy & Drone Robotics Summit in June - both in Houston, Texas this year!

NEWSLETTER HIGHLIGHTS

Maintaining BVLOS Compliance with AlarisPro



New Feature: *Safety Management System (SMS)*

Xponential 2025!

Client Spotlight: *Skyports*

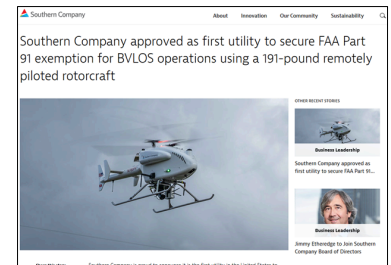
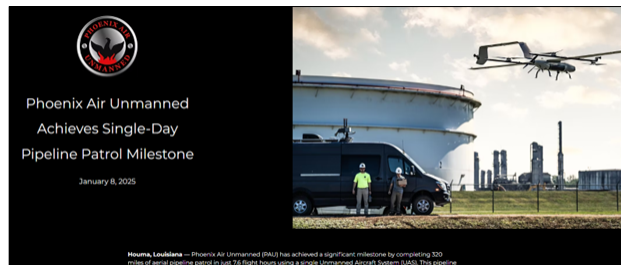
***Be sure to stay tuned for the next
issue of FLEET WATCH this
summer!***

Leveraging AlarisPro to Support BVLOS Operations and Certification



Early in 2024, our team conducted a deep dive of the available documentation and indicators within the UAS industry to estimate the structure of the final BVLOS requirements. The resources we evaluated included the March 2022 BVLOS report from the Aviation Rulemaking Committee (ARC), requirements in 2024 approved BVLOS waivers, EASA certification requirements, discussions with customers, and interviews with certification officials and other industry leaders. The results were clear – formal risk assessments and more broadly Safety Management Systems (SMS) will be required by Part 108 and other rulemaking bodies. It makes sense since the manned aviation community has proven the benefits of this structured approach to safety which helps to proactively identify, assess, and mitigate risks which leads to a reduction in accidents and incidents and improved efficiency. With this conclusion in hand, we quickly started interviews with customers and safety experts to create the software requirements for the AlarisPro SMS module. We conducted over thirty interviews, demos and other discussions to finalize our approach. We want to thank all those that contributed and are proud to announce that the new SMS module was released this month and we're already receiving accolades for the end product. Customers with the Flight Risk Assessment Tool (FRAT) included on their subscription will now also have access to the SMS module. Please read more about the benefits of these features on page 3 below and let us know if you would like a demonstration.

With an established track record in aviation, safety, and technology, the AlarisPro platform has already helped several customers obtain and operate on BVLOS waivers!



AlarisPro has been committed to supporting BVLOS requirements since 2016 and is uniquely positioned to support operators by maintaining compliance with BVLOS waivers. Here are just some of the FAA requirements we can help you check off your list:

- ☒ Ensure the remote PIC, manipulators of the controls, and VO(s) are informed of the terms and provisions of the Waiver, strictly observe the terms and provisions, and have access to all essential documents
- ☒ Maintain a current list of pilots by name and remote pilot certificate number used in operations
- ☒ Maintain a current list of sUAS by registration number(s) used in operations
- ☒ Ensure all operations and maintenance of each sUAS and its components comply with all manufacturer instructions, recommendations and limitations:
 - Scheduled overhaul, repair, inspection, modification, replacement and system software upgrades necessary for flight
 - Complete maintenance logs to include description of work performed, date, name and signature
- ☒ Flight logs for each functional test flight for any sUAS that has undergone maintenance
 - Logs include date, registration number, name, duration, and result of the test flight

For more information on how AlarisPro can help you obtain a BVLOS waiver and maintain compliance, please contact us for a free demo!

NEW: Safety Management System (SMS)

In further support of BVLOS, our experienced team recognized that a **Safety Management System (SMS)** would be a key component in compliance. Early in 2024, our team began interviewing key UAS industry leaders to help us shape how our SMS module would present and be utilized. One thing we learned was that our customers wanted the SMS documentation to be wholly integrated and leverage existing features in AlarisPro.

The new AlarisPro SMS is a game-changing tool for the industry and an enabler for BVLOS operations. We kept it simple and affordable (a third of the cost of other standalone SMS tools) yet powerful and compliant with aviation SMS standards and best practices. It is fully integrated with operations and maintenance and we are working with our customers to determine how to best integrate Safety Performance Indicators (SPIs) on a future update to the SMS module.

Key SMS Features with optional Flight Risk Assessment Tool (FRAT):

Fully Customizable

- Safety roles and assignment
- Mission Statement and diagram
- Unlimited custom safety forms/templates
- Categories and Status
- Probability & Severity labels
- Risk Cube Red/Yellow/Green format

Safety Register to track Occurrences/Hazards/Risks

- Probability and severity
- Risk classification and scoring
- Assign Risk Owner and actions
- Automatic and customizable event ID tracking
- Historical record of changes
- Provides for anonymous reporting option

ALARISPRO Dashboard SMS Preflight Flight Maintenance Documents Reports

Your Safety Team

CEO: Greg Boyington
Company Safety Officer: Bob Smith
Safety Manager: Allen Wrench, Bob Smith, Glenn Curtis, James Doolittle
Operations Safety Rep: Sandy Gunn
Maintenance Safety Rep: Orville Wright

Safety Mission Statement
Safety is a priority in all our activities. We are committed to implementing, developing and improving strategies, management systems and processes to ensure that all our aviation activities uphold the highest level of safety performance and meet national and international standards.

Safety Reporting Forms

	Title
≡	Flight Incident Report - V4.16.2
≡	General Incident/occurrence report

ALARISPRO Preflight Flight Maintenance Documents Reports Manage Help

Risk Severity

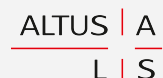
Severity	Catastrophic A [5]	Hazardous B [4]	Major C [3]	Minor D [2]	No Safety Effect E [1]
Frequent 5	5A [25] 0	5B [20] 0	5C [15] 0	5D [10] 0	5E [5] 0
Probable 4	4A [20] 0	4B [16] (1)	4C [12] (1)	4D [8] 0	4E [4] 0
Occasional 3	3A [15] (1)	3B [12] (1)	3C [9] 0	3D [6] 0	3E [3] 0
Remote 2	2A [10] 0	2B [8] 0	2C [6] 0	2D [4] 0	2E [2] 0
Improbable 1	1A [5] 0	1B [4] 0	1C [3] (1)	1D [2] 0	1E [1] 0

Risk Matrix
5 forms: 2024-11-11 to 2025-02-11

Date Range: Last Updated
Start: 2024-11-11 UTC-05:00 End: 2025-02-11 UTC-05:00
Form: View All Status: View All

Thank You For Your Commitment to Safety & Reliability!

We'd like to thank our customers that provided valuable input on the SMS over the last 12 months:



SCHEDULE A DEMO TO LEARN MORE!

FEATURE HIGHLIGHT: INTEGRATED DOCUMENTS LIBRARY

The **Documents Library Module** offers a variety of benefits, especially for those looking to maintain compliance with the FAA BVLOS document access and verification requirements.

Notify users in an organization automatically via email

- Send by user or user type (pilots, manufacturers, or all individual users)
- Track read receipts by assigned users

Standardized Document Folders

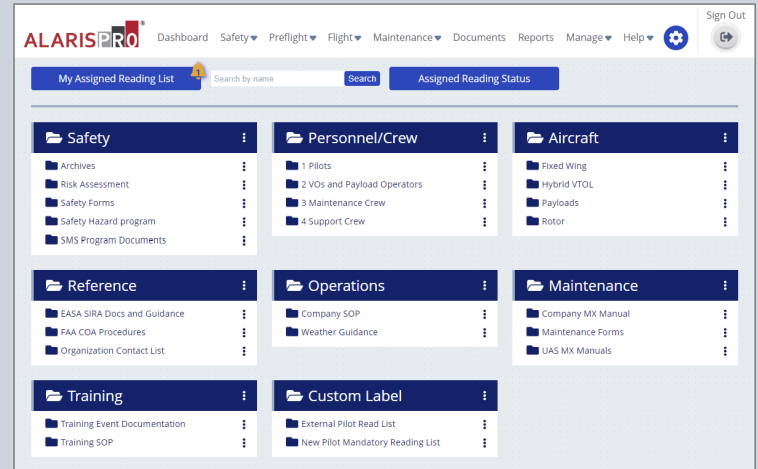
- Safety
- Crew
- Aircraft
- Reference
- Operations
- Maintenance
- Training
- Custom Label

Customize file structure under each section/group

Permissions assigned to sections by Administrator

View status report for assigned documents:

- Number of people assigned/read /outstanding



UPCOMING INTEGRATION:

AlarisPro customers are always at the forefront of our minds, driving our ideas, improvements, and implementations. You spoke and we listened! We are excited to announce an upcoming integration with [TruWeather Solutions](#), a company that understands the complex workflows associated with UAS.



"The success of AlarisPro lies in its ability to equip operators with real-time data to improve operational safety," said Don Berchoff, CEO TruWeather Solutions. "TruWeather is proud to support AlarisPro's fleet management ecosystem, providing real-time, low-altitude weather data that enhances fleet performance tracking and enables informed decision-making."



About TruWeather Solutions:

Weather forecasting has to fit seamlessly into a complex decision matrix with many variables. Unlike other companies that have built generic weather solutions, TWS fully integrates weather into the decision matrix that is necessary to streamline operations, reducing safety risks, avoiding unnecessary costs due to delays. The Software-as-a-Service (SaaS) platform is agile, scalable, reliable and secure.



XPONENTIAL™

May 19th - May 22nd

George R. Brown Convention Center
Houston, Texas

AlarisPro has exhibited at XPONENTIAL for several years in a row. We always enjoy making new connections and each year feel honored that so many companies want to take the time to sit down with our team to learn more about the ways in which the AlarisPro Fleet Management Platform can provide an unbiased view of their fleet operations and help to improve safety, reduce maintenance costs, and increase operational efficiency. We've got some exciting new features and updates to share with you this year and are looking forward to another fantastic show!

JOIN US AT BOOTH # 3339!



Are you an AlarisPro customer who will be exhibiting at Xponential?

Do you want to earn rewards and feature discounts for your AlarisPro account?

PARTICIPATE

Help to market the AlarisPro brand by showcasing your loyalty, satisfaction and your commitment to safety and reliability.

EARN

Earn points for each participation activity your company completes.

REDEEM

Redeem your points for your choice of several FREE AlarisPro features.

If you answered YES, EMAIL US for details!



**ENERGY
Drone+Robotics
SUMMIT**

June 16th - June 18th

The Woodlands Waterway Marriott
Houston, TX

Come see us at booth # 417!



CLIENT SPOTLIGHT



Skyports Drone Services (Skyports) is the world's leading drone airline. They operate BVLOS flights for delivery and inspection use cases. Partnering with companies in maritime and offshore industries, healthcare providers, infrastructure and asset owners, and public bodies, Skyport's mission is to improve connectivity, safety and sustainability with drone operations.

AlarisPro is proud to support Skyports' world-class drone operations, which deliver time savings, improve safety, and reduce emissions across a range of critical industries. Their approach considers the needs of their customers and the community. We are excited to provide Skyports with an integrated data software solution that will further enhance their focus on safety and operational efficiency.



WELCOME NEW CUSTOMERS:

We are excited to welcome several recent additions to our growing roster of successful and influential partners in the unmanned industry who have chosen AlarisPro as their organization's fleet management platform!



**Alaska Division of
Forestry & Fire
Protection**



**Aurora Flight
Sciences**



**Florida Forest
Service**



**National
Transportation
Safety Board**



**Southern California
EDISON**

If you haven't already, please be sure to follow us on LinkedIn for more updates
If you are viewing this from our website, you may SUBSCRIBE to receive future issues!

FLY SAFE!

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