ALARISPRO®

UAS Operations and Fleet Management

EMPOWERING ADVANCED UAS OPERATIONS AND DESIGN

UAS OPERATORS

A single view of truth into your fleet operations

- Consolidate all information in one place at your fingertips
- Maximize fleet and crew efficiency
- Optimize maintenance and logistics costs
- Minimize operational risk
- Stay in compliance with FAA Regulations
- Track and record all maintenance events
- Reduce total cost of ownership
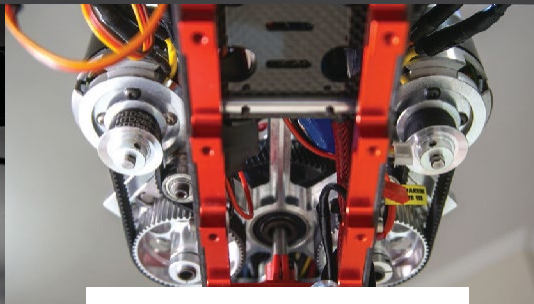- Unlock authorization for expanded operations

UAS MANUFACTURERS

Seamless tracking of configuration, components, and airworthiness throughout the aircraft lifecycle

- Data driven, shorter development cycles increase innovation
- Component level design assurance under real world conditions
- Continued quality control of aircraft and components
- Ongoing configuration control
- Expedite Type Certification based on durability and reliability (D&R) data collection
- Early warning alerts to avoid incidents before they happen
- Mitigate warranty risks
- System-wide tracking of component health informing inventory gaps

"AlarisPro's software allows us to manage our aircraft fleet utilizing a system of systems approach while tracking pilot currency requirements. AlarisPro provides important component-level data we use to test and validate our Casia detect-and-alert system, which helps enable BVLOS operations for our clients and partners."

— Cheryl Contreras, Director of Flight Operations, Iris Automation Inc.

AUVSI XPONENTIAL™

Join us for a demo at booth #1515

AlarisPro Mobile
Your fleet at your fingertips

Download on the App Store

GET IT ON Google Play

THE ALARISPRO DASHBOARD IS THE SINGLE VIEW OF TRUTH FOR ALL ELEMENTS OF FLEET OPERATIONS.

The AlarisPro Safety Ecosystem™ (ASE)

- Reliable early warnings based on crowdsourced, de-identified data from multiple users
- Informs component performance and issues as a basis for predictive and non-scheduled maintenance
- Rapid distribution of service bulletins, airworthiness directives and configuration related issues to prevent issues before they happen

Dashboard screenshot

ALARISPRO — Dashboard | Flight ▾ | Maintenance | Projects | Reports | Batteries | My Settings | Help ▾ — AlarisPro VERIFIED — Sign Out

DEMO COMPANY
Demo Company
Mon Jul 12 2021 18:31:49

Alert for Hawk 150: 22JUN2021 Propeller issues due to cracks: AlarisPro Data indicates multiple propeller replacements prior to 300 hrs. Average customer replacement time of 225.6 hrs due to cracks. AlarisPro reduced propeller recommended replacement time from 300 to 225 hours. Verify updated comp. hours in your component hours report.   Clear All | View All

Map — click map to expand

89% UAS Readiness

UAS	Ground Hours	Flight Hours	Total Hours	Avg. Hours /Mo.	Avg. Sorties /Mo.	Avg. Flight Time/ Sortie (Hrs)	UAS Notes
Hawk 150 - 0022	0.00	5.15	5.15	0.57	0.89	0.64	
Hawk 150 - 159 (GROUNDED)	71.62	2,766.80	2,838.42	36.00	9.99	3.60	
Hawk 150 - 48987	0.00	50.75	50.75	0.00	0.00	-	
LG-QRotor - 777	1.00	40.27	41.27	2.04	2.81	0.73	
Hawk 150 - Alpha 1	67.38	459.93	527.32	13.51	4.74	2.85	
VTOL 1000 - B59284	0.00	51.65	51.65	3.04	1.41	2.15	
Maritime Scout 100 - F6890	0.00	50.00	50.00	0.00	0.00	-	

UAS Model: Maritime Scout 100
Registration: Test 25
Upcoming Events: 0

Component	Upcoming Maintenance Due	
Filter - Oil	250.00	Flight Hours Until Replacement
Tail Rotor Blade #2	950.00	Flight Hours Until Replacement
Tail Rotor Blade #1	1,000.00	Flight Hours Until Replacement
Main Rotor Blade #1	1,950.00	Flight Hours Until Replacement
Upcoming Preventive Maintenance	50.00	Flight Hours Until 1st Level PM

| VTOL 1000 - X345 | 1.08 | 8.72 | 9.80 | 0.67 | 0.46 | 1.45 | |

100% Pilot Readiness
- Greg Pappy Boyington
- Orville Wright
- Sam Elliott
- Pilot Certification Current Through - 11/30/2021
- 90 Day Currency Expiring Soon - 07/30/2021
- Total Rotor Hrs 8.48
- Total FW Hrs 16.70

Manage and track crew currency and training, including sim time

Aircraft agnostic to accommodate a diversified fleet

System-wide component health monitoring for every UAS in your fleet

ALARISPRO ®
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