

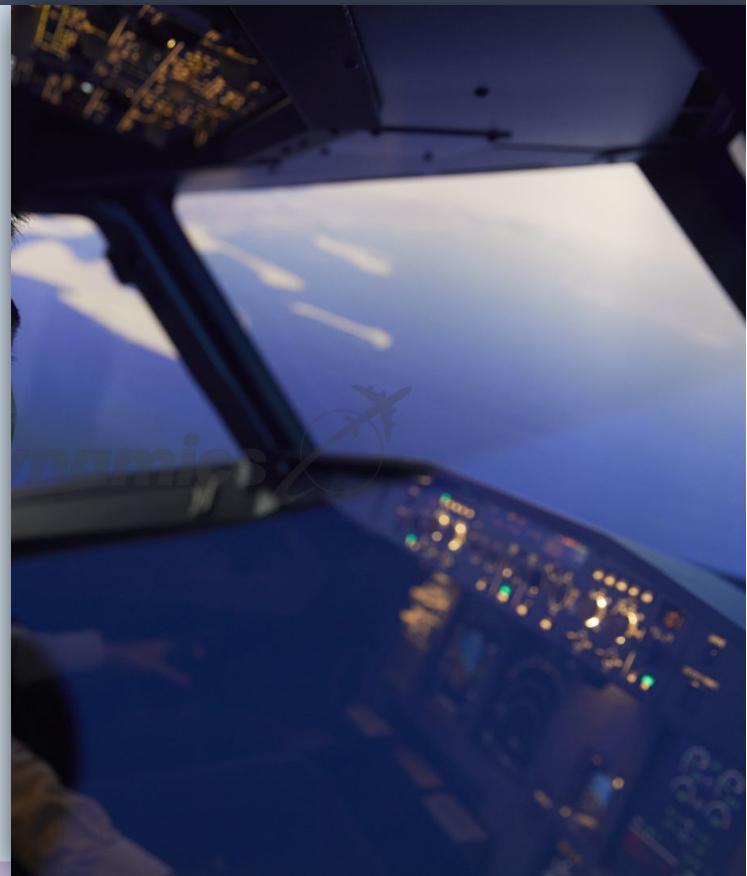


Empowered by Innovation

About us

Overview

- ✈ What makes us unique globally ?
- ✈ What industries do we serve?
- ✈ Key Milestones & Certifications
- ✈ Our Vision



Our Main Pillars

The Big Picture

Main Pillars of activity...

1. EASA Certified Flight Simulators
2. Evidence Based Training Tools
3. AI for Mission and Safety Critical Operations
4. Software Development in safety critical fields
5. Data Handling
6. Research and Development (Aviation & Medical Sectors)



Our Unique Innovations

What No One Else Has

AeroBrain

A groundbreaking, innovative product designed specifically for the aviation industry and beyond, ensuring safety and mission critical operations.
Innovative technology is not merely an LLM with data, but a product meticulously crafted from the ground up.



Evidence Based Training – Suite

Evidence-based training suite is a comprehensive set of software products that have been developed over the past seven years. It addresses the compliance requirements of Evidence Based Training (EBT), aircraft manufacturers, and EASA Legislation, ATO needs all of which are mandatory to airlines and training organizations.



EASA-Certified Flight Simulator Manufacturer

Rated as the largest manufacturer in EU according to sales , And second as certified EASA Manufacturer.
Some of the radical innovative products in the flight simulators are, Custom Avionics, Flight Models, Electronics , and manufacturing.

Our Unique Innovations

What No One Else Has

Datacenters for Safety & Mission Critical Applications

With 2 datacenter in Greece as the worlds first company that is introducing specifications, Not only for Aviation and Medical field but with the world's first custom database which supports these requirements along with the relevant safety critical protocols.

Applications covering the needs of regulatory compliance

Aviation related applications covering regulatory compliance for institutions and companies like EBT suite.

Research & Development on AI for Aviation

As the sole entity conducting practical research on artificial intelligence and possessing marketable products that demonstrate the reliability and necessity of the technology, in Aviation sector.

Other Innovations without RTM till now.

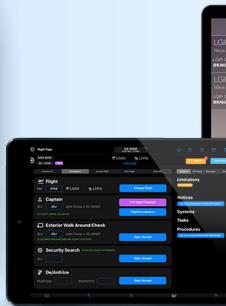
- Real Time AI for decision making in Safety Critical Environments.
- ARiND Protocol – already designed and submitted.
- Remote Pilot Environment for UAVs & DRONES.

AeroTechLog

The best and most intuitive e-tech log in the market

AeroTechLog is the industry's most advanced Electronic Tech Log system.

Designed by SkyDynamics to unify operations, enhance safety, and boost efficiency.



Industry Challenges

Limitations of Traditional Paper-Based Tech Logs

- Manual data entry errors
- Delayed communication between departments
- Inefficient maintenance scheduling
- Compliance and audit difficulties

AeroTechLog is
EASA and FAA Compliant



European Union
Aviation Safety
Agency



Federal Aviation
Administration

Limitations of Traditional Paper-Based Tech Logs



Manual Data
Entry Errors



Delayed
Communication



Inefficient
Maintenance
Scheduling



Compliance and
Audit Difficulties

Introducing AeroTechLog

A Comprehensive Digital Solution

The first and the only one e-techlog in the world with so many features out of the box

AeroTechLog Key Benefits



Benefits Across Departments

Organization-Wide Advantages

Benefits Across Departments



For Airlines

Reduced operational costs, improved safety



For Pilots

Simplified reporting, real-time support



For Maintenance Teams

Accurate data, predictive tools



For Flight Operations

Informed decision-making, reduced delays



For Rostering Departments

Enhanced scheduling, improved staff satisfaction



DIRECT REAL-TIME CONNECTION



Data Security & Compliance

Ensuring Data Integrity and Regulatory Adherence



Data Security & Compliance

AeroTechLog ensures the highest levels of data security and regulatory compliance.

- 100% secure data storage in dedicated data centers
- Custom in-house data options

First and only EASA and FAA-compliant data center in the world



Military-grade security premises with data disaster policies

AeroTechlog

Why Choose AeroTechlog



AeroTechlog

ScreenShots

The screenshot displays the main dashboard of the AeroTechlog application. At the top, there's a header bar with the title "AeroTechlog" and several navigation icons. Below the header, a banner shows flight information: Flight Nr. AER4144, Route LGAV - LFPG, Date 18-08-2022, and Blocks 07:05 - 10:03. The banner also includes status indicators for "MSN 3999" (green), "SX - DOM" (grey), and "1 MEL" (purple). On the right side of the banner, there are buttons for "A/C Limitations" (orange) with a red notification badge (1) and "Crew Notices" (blue) with a red notification badge (2). The main area consists of eight colored cards arranged in a 2x4 grid:

- Flight Info** (Blue card): Flight Nr. AER4144, Route LGAV - LFPG, Date 18-08-2022, Blocks 07:05 - 10:03.
- Defects** (Purple card): Open: 3, Closed: 6, MEL: 1, Carry FWD: 2.
- De/Anti Ice** (Dark Blue card): Open: 3, Closed: 6, MEL: 1, Carry FWD: 2.
- Forms** (Green card): Open: 3, Closed: 6, MEL: 1, Carry FWD: 2.
- Library** (Dark Purple card): Airbus: 6, Company: 3, Blue Folder: 9, Notices: 2.
- Servicing** (Teal card): FUEL, APU OIL FILLING, ENG OIL, BLEED MAINT ACTION.
- Maint.** (Brown card): PLANNED : 4, COMPLETED : 2.
- Close - Sign** (Dark Green card): SIGNED: 0, OPEN FLIGHT : TRUE, FORMS OPEN 1.

At the bottom of the screen, there's a footer bar with five icons: Init (calculator), Flight (airplane), Forms (document), Maint (gear), and Docs (file).

AeroTechlog

ScreenShots

The screenshot shows the 'Flight Page Acceptance' screen for flight AER 4144. The top header displays the aircraft registration **SX-DOM** and model **A320 NEO - A32NX**. Below the header, flight details are listed: **MSN 3999**, **SX - DOM**, and **1MEL**. The flight number is **AER 4144**, departing from **LGAV** and arriving at **LFPG**. The date of the flight is **18 February 2023**.

The screen is divided into two main sections: **Departure** and **Arrival**. The **Departure** section includes fields for Station (**LGAV**), Date (**18 February 2023**), Fit Nbr (**AER 4144**), Block Off (**12:34 Z**), Take Off (**12:44 Z**), and Dep Fuel (Kg) (**11480**). The **Arrival** section includes fields for Station (**LFPG**), Date (**18 February 2023**), Fit Nbr (**AER 4144**), Landing (**15:49 Z**), Block On (**15:59 Z**), and Arr Fuel (Kg) (**2980**).

On the right side of the screen, there are several sections: **Limitations** (CAT 3 SINGLE, 1 CDL), **Notices** (MEL 22-32-02A MAINT ACTION BFR FLIGHT), **Systems**, **Tasks**, and **Procedures** (MEL 22-32-02A OPERATIONAL PROCEDURE). Navigation tabs at the bottom include **Init**, **Flight**, **Forms**, **Maint**, and **Docs**.

AeroTechlog

ScreenShots

The screenshot displays the AeroTechlog mobile application interface. At the top, it shows flight details: SX-DOM (A320 NEO - A32NX), MSN 3999, and AER 4144. It also indicates the aircraft is at LGAV (Lyon Saint Exupéry) and en route to LFPG (Paris Charles de Gaulle). There are notifications for 'A/C Limitations' (1) and 'Crew Notices' (2).

The main content area is divided into several sections:

- Flight:** Shows Flight Nbr 4144, Captain JDJ, and John Trevor J. ID: 90567. It includes buttons for 'Change Flight', 'Pre-flight Complain', and 'Flight Acceptance'.
- Limitations:** CAT 3 SINGLE
- Notices:** MEL 22-32-02A MAINT ACTION BFR FLIGHT
- Systems:** (empty)
- Tasks:** (empty)
- Procedures:** MEL 22-32-02A OPERATIONAL PROCEDURE
- Exterior Walk Around Check:** Shows 3LC and JDJ, John Trevor J. ID: 90567. It includes a note: EXTERIOR WALKAROUND PRE-FLIGHT EXECUTED and a 'Sign / Accept' button.
- Security Search:** Shows 3LC and an empty field. It includes a note: Security Search Not Required and a 'Sign / Accept' button.
- De/Anti Ice:** Shows Fluid Type and Start(UTC) fields, both empty. It includes a 'Sign / Accept' button.

At the bottom, there are navigation icons for Init, Flight, Forms, Maint, and Docs.

AeroTechlog

ScreenShots

The screenshot displays the AeroTechlog flight management system interface. At the top, it shows flight details: MSN 3999, SX - DOM, 1 MEL, destination LGAV, arrival LFPG, and flight number AER 4144. It also indicates the aircraft type as SX-DOM A320 NEO - A32NX. The main area is divided into several sections:

- Departure:** Shows station LGAV, date 18 February 2023, and flight number AER 4144.
- Arrival:** Shows station LFPG, date 18 February 2023.
- Fuel:** Displays fuel remaining (2980 Kg), calculated uplift (8500 Kg), actual uplift (8443 Kg), and departure fuel (11480 Kg).
- Times:** Shows block off at 12:34 Z, take off at 12:44 Z, landing at 15:51 Z, and blocks on at 15:59 Z.
- Limitations:** CAT 3 SINGLE.
- Notices:** MEL 22-32-02A MAINT ACTION BFR FLIGHT.
- Systems:**
- Tasks:**
- Procedures:** MEL 22-32-02A OPERATIONAL PROCEDURE.

At the bottom, there are navigation icons for Init, Flight, Forms, Maint, and Docs.

AeroTechlog

ScreenShots

The screenshot displays the AeroTechlog Flight Page interface. At the top, it shows flight details: MSN 3999, SX - DOM, LGAV, LFPG, AER 4144, and A/C Limitations (1) and Crew Notices (2). Below this, there are two main sections: 'Departure' and 'Arrival'. The 'Departure' section contains the following data:

Station	LGAV
Date	18 February 2023
Flt Nbr	AER 4144
Block Off	12:34 Z
Take Off	12:44 Z
Dep Fuel (kg)	11480

Below the Departure section is a blue button labeled 'FLIGHT ACCEPTANCE'.

The 'Arrival' section contains the following data:

Station	LFPG
Date	18 February 2023
Flt Nbr	AER 4144
Landing	15:49 Z
Block On	15:59 Z
Arr Fuel (kg)	2980

Below the Arrival section is a purple button labeled 'SIGN FLIGHT'.

On the right side of the interface, there are several sections: 'General', 'APT Equip', 'Messages', and 'Ops'. Below these are sections for 'Limitations' (CAT 3 SINGLE, 1 CDL), 'Notices' (MEL 22-32-02A MAINT ACTION BFR FLIGHT), 'Systems', 'Tasks', and 'Procedures' (MEL 22-32-02A OPERATIONAL PROCEDURE).

At the bottom of the interface are navigation icons for 'Init', 'Flight', 'Forms', 'Maint', and 'Docs'.

AeroTechlog

ScreenShots

