



AirBoard
by Thoth Group LLC

PRODUCT AND USER GUIDE

AirBoard, explained clearly.

How to install it, set up an airline, calculate complete flight economics, manage daily work, and understand the product through the 5W1H method.

Edition: 1.0.0 verification snapshot Platforms: macOS and Windows License: three-day demo, then EUR 199/year

Important release note

The public files are downloadable now. The macOS build is not yet notarized with a Thoth Group LLC Developer ID, and Windows is currently a portable ZIP without a Thoth Group LLC Authenticode signature. Follow the first-launch steps in this guide. Organization signing is a release gate, not an application feature.

AIRBOARD IN ONE PAGE

The 5W1H: who, what, when, where, why and how

WHO is it for? Airline owners, accountable managers, operations, finance, crew, maintenance, safety, commercial, procurement and station teams. One company can manage several aircraft and bases.	WHAT does it do? Connects flights, revenue, operating costs, aircraft, crew, fuel, maintenance, airport activity, insurance, spares, sales and audit evidence in one local desktop workspace.
WHEN is it used? During setup, before scheduling, when creating each flight, throughout the operating day, during cost review, at month-end and whenever management needs an audit-ready picture.	WHERE does it run? As a separate desktop application on macOS or Windows. The website is for information, purchase, invoices, licence access and downloads; it is not the airline system of record.
WHY use it? To replace disconnected spreadsheets and departmental totals with one explainable contribution result per flight, aircraft, route, day and company.	HOW does it work? Enter the facts the airline controls. AirBoard proposes missing structure, calculates distance, fuel and complete costs, then shows profit or loss, advice, setup gaps and an audit trail.

The management promise

AirBoard is designed to answer three questions quickly: What is happening? Why are we earning or losing money? and Who must act next? The software does not silently approve safety-critical or financial changes.

Data-source rule

The airport catalogue helps users find codes, names, cities and coordinates. Landing fees, passenger taxes, handling, parking and contractual discounts must use effective airport publications, handler contracts or approved company averages. AirBoard should never invent an official tariff.

INSTALLATION

Install and launch AirBoard

macOS

- Download the Universal DMG unless you intentionally need the Apple-silicon-only or Intel-only build.
- Open the DMG, drag AirBoard to Applications, then eject the disk image.
- Open Applications and launch AirBoard. If macOS blocks the unsigned build, open System Settings > Privacy & Security and approve the identified AirBoard launch once.
- Do not bypass security for a file received from any source other than the official AirBoard website. Verify the published SHA-256 checksum first.

Windows 10 or 11

- Download the x64 ZIP for most PCs; use ARM64 only on a Windows-on-ARM device.
- Extract the entire ZIP into a permanent company-controlled folder. Do not run the program from inside the ZIP preview.
- Launch AirBoard.exe. Windows may display a reputation warning until the Thoth Group LLC Authenticode certificate is applied.
- Keep the whole extracted folder together. Create a shortcut only after choosing its permanent location.

AREA	RESULT	EVIDENCE / NOTE
Download	PASS	Direct attachment endpoints support full and ranged downloads.
Application launch	PARTIAL	Source and macOS launch checks passed; trusted-publisher signing is pending.
macOS trust	BLOCKED	Requires Thoth Group LLC Developer ID Application certificate and notarization.
Windows trust	BLOCKED	Requires Thoth Group LLC Authenticode certificate and a signed installer.

Licence start

A new company may start a three-day full-feature demo. A one-year signed licence code can then be entered inside AirBoard. Keep the company name and licence code exactly as issued.

FIRST-TIME SETUP

Create the airline workspace in seven steps

1 · Company Enter the legal company name, trading name, country, time zone, currency, operation type, AOC details and competent authority. Search and select the real main base; it is not prefilled.	2 · Fleet Add each aircraft tail separately. Select from 113 common aircraft types or create a custom type. Confirm registration, seats, status, fuel burn, speed, taxi fuel and reserve.
3 · People Create the departments and accountable or nominated roles. Assign owners for operations, flight operations, cabin, crew, CAMO, finance, commercial, safety and compliance.	4 · Compliance Describe authority rules, manuals, CAMO, SMS, document control and flight-time-limit rules. Missing facts become visible setup tasks.
5 · Costs Enter the airline's approved averages and policies for fuel, crew, airports, maintenance, wheels, spares, parking and insurance. Add unlimited custom expense types.	6 · Stations & data Search airports by IATA, ICAO, city or name. Add bases and initial destinations, then choose tariff, contract, average or manual cost methods.
7 · Review Read the readiness score and unresolved gaps. Create the workspace with known facts; incomplete items remain owned tasks rather than hidden assumptions.	Edit later Open the administrator profile or the relevant domain to correct company details, fleet, airports, costs, roles and records. Every important mutation is intended to create audit evidence.

Easy-input principle

The user enters only airline-controlled facts. The software provides catalogues, placeholders, calculation structure and warnings. Suggestions are not treated as approved operator data.

FLIGHT ECONOMICS

Create a flight and calculate profit or loss

Minimum operating inputs

- Flight reference, origin, destination, date, aircraft and operational status.
- Passengers, ticket revenue and inflight or ancillary sales.
- Aircraft fuel burn per hour, average speed, taxi fuel, reserve percentage and current fuel price.

Automatic calculation

AREA	RESULT	EVIDENCE / NOTE
Distance	PASS	Great-circle distance is calculated from the selected airport coordinates.
Block/flying time	PASS	Estimated from distance and the aircraft speed profile; the user can replace it with an approved plan.
Fuel quantity	PASS	Hourly burn × planned hours + taxi fuel + reserve.
Fuel cost	PASS	Calculated quantity × the selected fuel price per kilogram.
Flight result	PASS	Ticket + inflight revenue – every recorded flight-cost family.

Complete cost families

Fuel · crew · landing/passenger/airport charges · navigation · handling · parking · catering · maintenance reserve · wheels/tyres/brakes · spares · insurance · disruption · sales cost · custom one-off or recurring expenses.

Example

Revenue: EUR 25,000 tickets + EUR 1,200 onboard sales. Costs: EUR 9,100 fuel + 2,300 crew + 2,100 airports + 700 handling + 1,600 maintenance + 450 wheels/spares + 350 insurance + 400 other. Result: EUR 9,200 profit.
Change any input and the displayed contribution recalculates.

Airport caution: AirBoard can suggest the airport identity and flag missing charges. The operator remains responsible for loading a dated public tariff, contract or approved average that matches aircraft weight, movement time and passenger mix.

DAILY USE

Operate, manage and review

Overview See flights, result, revenue, costs, margin, fleet readiness, audit readiness and the most important gaps for the current workspace.	Full Management Move through all 14 connected domains: operations, planning, finance, sales, fleet, crew, fuel, maintenance, airports, inflight, spares, safety and reports.
Add / edit Use + New Flight or the domain add button. Select a saved row to edit it. Delete only after confirmation. Search with the search button or Command/Ctrl + F.	Finance & expenses Record insurance, suppliers, amounts, frequency, allocation, owner, date, status and any new expense type. Expenses can be one-off or recurring.
Ask AI The current desktop advisor is an evidence-based rules engine. It identifies gaps, loss-making flights and cost omissions; it is not an autonomous generative pilot or accountant.	Run Audit Produces a current readiness view from saved company, flight, cost and audit information. Follow each finding to the source record and responsible owner.
Export Use Export Data to save company information, records and audit events in a portable JSON file. Licence codes are intentionally excluded.	Backup Keep exports in a company-controlled encrypted backup location. Test restoration procedures before relying on any backup policy.

One-click general picture

A positive result is shown as earning; a negative result is shown as loss. The number is only as complete as the revenue and cost inputs. Review missing-cost warnings before treating it as final management accounts.

LICENSING, CONTROL AND SUPPORT

Demo, annual licence and responsible use

Customer licence

- Three-day evaluation begins inside the desktop application.
- The standard commercial plan is EUR 199 per company per year for the available modules.
- Checkout collects professional billing information; Stripe creates the subscription invoice and provides the hosted invoice/PDF when available.
- AirBoard verifies the signed licence, product, company and expiry date locally.

Publisher licence administration

- Thoth License Studio creates signed one-year codes, searches the local licence register, renews codes, records local revocation and exports the register to CSV.
- The private signing key is stored using the operating system's protected storage. The customer application contains only the matching public key.
- Current local revocation does not remotely disable an already-issued offline licence. True device limits, remote revocation and activation history require a server activation service.

Privacy and operational responsibility

- The desktop workspace is local to the device unless the operator exports or integrates it.
- Do not place payment-card data, medical details or unrestricted identity documents in free-text fields.
- AirBoard supports management decisions; it does not replace authority-approved manuals, dispatch releases, certified maintenance systems or legal/accounting advice.

Need help?

Start with the Downloads and FAQ sections at airboard.nawaeeurope.com. When reporting a problem, include the platform, AirBoard version, action performed, expected result and a screenshot with sensitive airline data removed.

QUICK REFERENCE

The simplest safe workflow

1	Install from the official download Choose the correct architecture and verify the checksum.
2	Create the company Enter the legal operator; search and select the real base.
3	Add every aircraft tail Confirm fuel burn, speed, taxi and reserve using approved data.
4	Enter approved cost assumptions Include crew, airports, maintenance, insurance, wheels, spares and custom expenses.
5	Create a flight Select airports and aircraft, then enter passengers and revenue.
6	Review the calculation Confirm distance, time, fuel and every cost family.
7	Read the general picture Check result, missing-cost warnings, advice and audit findings.
8	Export and back up Protect the audit history and test recovery.

Before using a result

Confirm the correct aircraft, route, passenger count, revenue, fuel price, crew cost, airport charges, maintenance reserve, insurance and custom expenses. A fast answer must still be a complete answer.