

Modular Add-Ons for Mission-Specific Functionality

The Gyronimo system consists of the Flight Pad application and the cloud-based Fleet Control platform. It is designed as a modular solution that can be configured to match your operational requirements. Optional modules are available to support a wide range of mission profiles, enhancing the system's core capabilities where needed.



Risk Assessment Document Viewer Dispatcher Advanced Equipment Flight Plan Flight Log **Summary Page Power Check** License Key MCDU Page Secure Digital Signature **File Export Custom Modules Flight Data Transfer**



Risk Assessment & OCC Module

The Risk Assessment module enables flight crews to complete structured preflight risk evaluations using customizable or preloaded forms. Questions, answer types, and scoring logic can be tailored to your operational requirements.

Integrated analysis is presented upon completion, and forms can be digitally signed and exported as part of the mission documentation.

When paired with the OCC (Operations Control Center) module, completed assessments can be transmitted to Fleet Control for supervisory review. Operations staff may then approve or reject a risk assessment based on internal safety protocols before flight commencement.

- Custom or predefined forms
- Configurable scoring and thresholds
- Real-time results and status display
- Digital signature and export options
- OCC integration for supervisor approval workflow

Recommended for operators requiring structured preflight safety oversight and documentation continuity.

			_	
FLIGHT PAD	Flight Risk /	Assessment Iool		CLOSE
			10000	MISSION
01 : Crew				
PIC HEMS experience more th	an 500hrs	YES		
DIC loss than 100hrs common	d AM/120			
PIC less than 100hrs comman	u AW159	NO		
Pilot or ACO with less than 10	Ohrs HEMS experience	NO		
Cincle Dilet				
Single Pliot		N/A	9	-
Two Pilot		Two Pilot with ACO and/or RCO		
Onerstiene between 0100 en	0000			20
Operations between 0100 and	10000	NO		14
Crew recency requirement ma lapsed NVIS, instrument appro	y restrict operation (i.e. bach type, etc)	YES		7
PIC or ACO last flight more that	an 30 days ago	NO		
				8/49





Document Viewer Module

The Document Viewer Module allows important operational documents to be uploaded via Fleet Control and accessed directly within the Flight Pad application.

Supported file types include PDF, Word, Excel, and image formats. Files can be organized into folders in Fleet Control and are automatically synchronized to connected iPads or iPhones. Within Flight Pad, documents can be searched, browsed by folder, and viewed in full screen.

This module ensures critical documents — such as flight manuals, company procedures, charts, or checklists — are always available to the crew, even without network access.

- Upload and manage documents via Fleet Control
- Organize content into folders for structured access
- Search and open documents directly in Flight Pad
- View PDF, Excel, Word, and image formats
- Documents available offline once synced

Recommended for ensuring immediate access to operational and regulatory documentation in the field.





Dispatcher Module

The Dispatcher Module enables ground personnel to prepare and manage flight data within Fleet Control. Crew members, passenger names, weights, and seating configurations can be pre-assigned and then transmitted to connected iPads.

Recommendation for Tour Operations:

For operators conducting sightseeing or charter tours, Gyronimo recommends the use of the Dispatcher Module. This allows dispatchers to efficiently prepare flights on a desktop system by entering passenger details and weights in advance. Once uploaded, pilots can select the prepared flight directly within the Flight Pad app. All passenger data is automatically transferred, significantly reducing the time required for preflight weight and balance calculations.

Drag-and-drop functionality within the app allows pilots to make adjustments if necessary. This module is particularly suited to operations where reducing cockpit workload and minimizing pre-departure preparation time are essential.

- Flight setup via browser
- Passenger names and weights input
- Seat assignment visualization - Automatic sync to all connected devices



- Pilot drag-and-drop seating adjustment



Advanced Equipment List Module

The Advanced Equipment List (AEL) Module allows for detailed tracking of onboard equipment configurations, tailored per aircraft or mission type. Managed through Fleet Control, the equipment list is created and structured according to your operational setup, then synchronized to all connected Flight Pad devices.

Within Flight Pad, pilots can mark items as IN or OUT, reposition items, or lock them to prevent unauthorized changes. Particularly beneficial for HEMS and utility operations, the AEL makes it easy to manage small but critical items as grouped load entries, streamlining manifest creation.

- Manage configuration-specific equipment lists in Fleet Control
- Sync lists to all connected devices
- Set items in or out, edit in the app
- Lock or reposition items as needed
- Supports grouped item handling on load manifests

Recommended for missions requiring precise, repeatable equipment tracking — from HEMS kits to specialized utility gear.





Flight Plan Module

The Flight Plan Module brings advanced route planning directly into the Gyronimo system. Waypoints are created and managed in Fleet Control, then seamlessly imported into Flight Pad — where distances, headings, and fuel calculations are automatically generated using real-time environmental data.

Build multi-leg routes, adjust for conditions, and generate a complete mission package with just a few taps. The Flight Plan integrates fully with other modules, allowing export of a single, unified PDF that includes the Load Manifest, Flight Plan, Summary Page, and Risk Assessment.

Whether you're conducting a complex multi-stop mission or a single ferry leg, this module adds precision and professionalism to your preflight process.

- Define waypoints in Fleet Control and import to Flight Pad
- Automatic time, distance, and fuel calculations
- Display route on map
- Add multiple legs per flight
- Export complete document packages with one action

Recommended for operators seeking streamlined, multi-leg planning with integrated fuel and navigation data.

AC Type H145C2				0	peratio	nal I	Flight Pl	lan		
Registration	Date 24.04.2	025								-
Flight Plan	\bigcirc	NC	DTAMs	X)	Fliq	ght ID:			
General Decs	\bigcirc	We	eather	\square)					
Load Sheet	\bigcirc									
Route Legs		Track	Dist	TAS	Wind	GS	Flight Type	ETE	Dates	Fuel
Leg 1 CHU Dijon 972 ft CHU Clermont Est 1203 ft	aing	222° TRUE	122.8 NM	120 kts	45° / 20 deg/kts	140.0 kts	VFR Day Res: 20.0min	52.6 + 5.0 57.6 min	16-46 ²⁴⁻⁰⁴⁻²⁰²⁵ 17-43 ²⁴⁻⁰⁴⁻²⁰²⁵	Start: 694.0 kg Trip: 229.4 kg Dest: 464.6 kg Reserve: 117 min
Leg 2 CHU Clermont Est 1203 ft CH Gueret 1752 ft	aing	294° TRUE	56.6 NM	120 kts	45° / 30 deg/kts	127.0 kts	VFR Day Res: 20.0min	26.7 + 5.0 31.7 min	17-43 24-04-2025 18-14 24-04-2025	Start: 464.6 kg Trip: 126.3 kg Dest: 338.3 kg Reserve: 85 min
Leg 3 CH Gueret 1752 ft CH Puy en Velay 2108 ft		128° TRUE	107.7 NM	120 kts	50° / 30 deg/kts	110.0 kts	VFR Day Res: 20.0min	58.7 + 5.0 63.7 min	18-14 24-04-2025 19-17 24-04-2025	Start: 338.3 kg Trip: 253.7 kg Dest: 84.6 kg Reserve: 21 min
		1								Added: 425.4 kg
Leg 4 CH Puy en Velay 2108 ft CHU Dijon 972 ft		20° TRUE	145.0 NM	120 kts	60° / 40 deg/kts	87.0 _{kts}	VFR Day Res: 20.0min	100.0 + 5.0 105.0 min	19-17 24-04-2025 21-02 24-04-2025	Start: 510.0 kg Trip: 418.2 kg Dest: 91.8 kg Reserve: 23 min



Flight Log Module

The Flight Log Module enables pilots to record and manage essential flight data directly within the Flight Pad application. Standard parameters such as block time and fuel usage are supported, along with custom fields configured during system setup.

The module is accessible at any time during or after the flight. Pilots can input or adjust values manually and export the log as part of the flight documentation package.

This module supports both operational tracking and post-flight documentation requirements.

- Record block time, fuel data, and custom values
- Editable fields accessible from within Flight Pad
- Export log alongside other flight documents
- Supports compliance and internal record-keeping
- Fully integrated with the mission workflow

Recommended for operators who require structured and exportable logs.

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	yronimo°				Log Da	ta Not Sent	Day/Night	Close Flight Log	
				Elist I					
				Flight L	og				
				N-DEMO					
				Flight 1					
	Time Zone	Task Type	Dispatch Time	Registration	Mission ID	FROM	то		
	Europe/Rome	HEMS	?	VH-EMS	123	Location A	Location B		
	Tacho Start	1015			NVG Hours	0			
	Engine Start	14:24 24	4-04-25		IF Hours	0			ſ
	Take off	14:30 24	4-04-25		Landings	1			
	On Scene	14:45 24	4-04-25		Winch Cycles				
	Landing	15:10 24	1-04-25		Fuel Start	105			
	Shutdown	15:16 24	1-04-25		Fuel Stop	157			
	Tacho Stop	1016			Maint Hours	1.0			
	Airborne Re-Task	14:25 24	4-04-25		Total Flight Hrs	0.9			
					Fuel Added	0			



Summary Page Module

The Summary Page Module is available when Flight Pad operates in Leg Mode. It consolidates all flight legs into a single overview, providing a clear summary of mission data across multiple segments.

In addition to standard load manifest information, the Summary Page can include custom fields such as flight cycles, operational limits, or mission-specific inputs that may not appear on individual load manifests.

This module simplifies reporting and allows for flexible documentation depending on operational preferences.

- Displays all legs on a single page
- Includes data beyond the standard manifest
- Supports custom fields such as cycles or limits
- Exportable as part of the mission document set
- Ideal for operations involving multiple flight segments

Recommended for multi-leg operations requiring a consolidated documentation format.

						Load Mar Flight Summary- A H145C2	Date Date 24-04-	Flight ID 2025 123		
						Registration	Callsign Base	Form C Weigh 2174.5 kg	t	
4-43 PM	Thu Apr 24 Flight Manager	Flight Plan	Load Flight FR. Manifest Summary FR.	AT	≎ 100% ■ <i>G⊴RONIMO</i> * Airbus H145C2	Total Flight Time 03:54				
	Total Flight Time 01:39					Leg Number 1 Type Of Flight	PIC 85kg Departure Date/Time 24-04-2025 16-46	FROM CHU Dijon Landing Date/Time 24-04-2025 17-52	TO CHU Clermont Estaing	Configuration HEMS STD
	Leg Number 1 Type Of Flight select Leg Time [h:min] 01:06 MTOW [kg] 3885.0 Remarks	PIC 85kg Departure Date/Time 24-04-2025 16-43 Fuel On Board 480 kg Equip List / Weight 94.2 kg	FROM CHU Dijon Landing Date/Time 24-04-2025 17-49 Takeoff Mass [kg] 2918.7 Passengers On Board	TO CHU Clermont Estaing C.G. [mm] 4457 Actual Fuel Burned [kg]	Configuration HEMS STD	il na star	Fuel On Board 694 kg Equip List / Weight 94.2 kg	Takeoff Mass [kg] 3132.7 Passengers On Board	C.G. [mm] 4452 Actual Fuel Burned [kg]	
	Leg Number 2 Type Of Flight select Leg Time (hzmin) 0:33 MTOW [kg] 3585.0 Remarks	PIC 85kg Departure Date/Time 24-04-2025 17-49 Fuel On Board 216 kg Equip List / Weight 94.2 kg	FROM CHU Clermont Estaing Landing Date/Time 24-04-2025 18-22 Taikeoff Mass [kg] 2654.2 Passengers On Board	TO CH Gueret C.G. [mm] 4446 Actual Fuel Burned [kg]	Configuration HEMS STD	Leg Number 2 Type Of Flight select Leg Time (h:min) 0:33 MTOW (kg] 3585.0 Remarks	PIC 85kg Departure Date/Time 24-04-2028 17-52 Fuel On Board 430 kg Equip List / Weight 94.2 kg	FROM CHU Clermont Estaing Landing Date/Time 24-04-2025 IB-25 Takeoff Mass [kg] 2868.2 Passengers On Board	TO CH Gueret C.G. [mm] 4458 Actual Fuel Burned [kg]	Configuration HEMS STD
Si	end via email	Save to Photo Folder				Leg Number 3 Type Of Flight select Leg Time [h:min] 0:88 MTOW (kg] 3585.0 Remarks	PIC 85kg Departure Date/Time 24-04-202518-25 Fuel On Board 440 kg Equip List / Weight 94.2 kg	FROM CH Gueret Landing Date/Time 24-04-2025 19-23 Takeoff Mass [kg] 2878.7 Passengers On Board	TO CH Puy en Velay C.G. [mm] 4458 Actual Fuel Burned [kg]	Configuration HEMS STD
						Leg Number 4 Type Of Flight select Leg Time (h:min) 01:17 MTOW (kg) 3585.0 Remarks	PIC 859 Departure Date/Time 24-04-2025 13-23 Fuel On Board 57 bg Equip List / Weight 94.2 kg	FROM CH Pay en Velay Landing Date/Time 24-04-2025 20-00 Takeof Mass [kg] 3008.7 Passengers On Board	TO CHU Dijon C.G. [mm] 4455 Actual Fuel Burned [kg]	Configuration HEMS STD



Power Check Module

The Power Check Module enables pilots to perform engine performance checks directly within the Flight Pad application. Configured specifically for your aircraft type, the module provides a procedure for capturing and evaluating engine health data during preflight checks.

Once completed, results are uploaded to Fleet Control and can be exported in .CSV format for trend monitoring or maintenance analysis. This module supports both single- and multi-engine aircraft configurations and can be tailored to match your fleet's specific requirements.

- Conduct power checks in Flight Pad
- Upload performance data to Fleet Control
- Export as .CSV for maintenance records
- Supports single- and multi-engine aircraft
- Customized per aircraft type or variant

Recommended for operators who require reliable engine performance tracking and seamless integration with digital maintenance workflows.

2:51P	M Thu Apr 24 Flight N 11.1 Flight: 1 /	Manager Leg: 1 of 1	Load Manifest S	Flight ummary		হ 100% — <i>বি⊔ন্দ⊐শালব</i> ° Aqusta AW139
Leg:	1 OAT 11°C	Pressure Alt 1813'	Confined Area Check please check	Power Check BOTH OK	7000 CAT B WAT 7000 CAT A Clear 7 7000 kg 7000 kg	A.WAT 7000 CAT A Clear A.CT(230 m
Torq	ue %:	92.0 %	Engine Power	Check	current OAT = ISA ten Outside Air Temperatur	nperature re 52°F 11] °C
ITT °	C:	580 °C	Max ITT: 643 Max NG: 91.4	 Margin: 63.0 °C Margin: 7.0 % 	Pressure Alt = 1813 ft	$\Delta = 1765 \text{ ft}$
NG 9		84.4 % %	Result: Checl	c Right OK	Elevation MSL 200	00] ft = 610m
Leonardo	90	GINE TORQUE TQ (%) 95 100 10	MAXIMUM AL 5 500 600	LOWABLE ITT (*C)	Altimeter [1019.6] hP/	A 30.11 [SET ISA]
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not contract		10000 10000 9000			Crosswind	0.0 kts
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	139G1580A002	2 ISSUE B	Figure 4K-2	Power Assurance Check	Leg Manag	gement
	E.A.S.A. Approved				Delete Add P	revious Next



License Key Module

The License Key Module adds an additional layer of user access control to the Gyronimo system. In addition to standard login credentials, each user can be assigned a unique license key, managed through Fleet Control.

This allows operators to control and monitor access to the Flight Pad app on a per-user basis. Keys can be issued, revoked, or reassigned as needed — ensuring only authorized personnel are able to access operational tools and sensitive flight data.

- Assign unique license keys to individual users
- Manage access centrally through Fleet Control
- Revoke or reassign keys at any time
- Enhances security and user accountability

- Supports personnel transitions and role-based access

Recommended for organizations requiring secure, role-specific access control across multiple devices and user accounts.





MCDU Page Module (Leonardo AW139)

The MCDU Page Module is specifically designed for the Leonardo AW139 and mirrors the layout and logic of the aircraft's onboard MCDU. Integrated into the Flight Pad app, this module allows pilots to easily verify, cross-check, and compare calculated performance data with the helicopter's onboard systems.

By aligning visual structure and output with the aircraft's interface, the MCDU Page Module enhances accuracy, reduces cockpit workload, and supports faster, more confident decisionmaking during preflight checks.

- Emulates the AW139 MCDU layout in Flight Pad
- Enables side-by-side comparison with onboard systems
- Enhances data verification during performance planning
- Streamlines preflight workflow for AW139 crews
- Supports increased safety through redundancy and consistency

Recommended for AW139 operators seeking precise cross-checking between digital performance planning and onboard avionics.





Secure Digital Signature Module (SDS)

The Secure Digital Signature (SDS) Module enhances the standard digital signature process by introducing an additional layer of security, designed to meet the requirements of certain aviation authorities, such as EASA.

With SDS enabled, each pilot in command must enter a user-defined password before digitally signing critical documents, such as the load manifest. Passwords are securely managed through Fleet Control and can be configured per user or operational policy.

This ensures that digital signatures are protected against unauthorized use and comply with elevated regulatory standards for authenticity, traceability, and data security.

Adds password protection to digital signatures

Passwords managed securely through Fleet Control

Mandatory password entry at the time of signing

Supports compliance with EASA and other authority requirements

Strengthens authenticity and accountability for flight documentation

Recommended for operators requiring enhanced digital signature security in compliance with regulatory or company-specific standards.

Load M Page 1/1	lanife	est							
Registration	Registration Flight ID				Configu 4 Pax	Configuration 4 Pax			
ltem Units	Mass kg	LON STA mm	Ente	r Password	Nر mi				
BEM	844.6	2943.39	Please enter th	e PIC password	d to sign 50	Flig	ht Da		
Pilot Tester, John	99.0	1651.00	the	aocument.	1.4	Dep	partur		
Seat 2	92.0	1651.00	Enter passwor	d	3.5	;			
Seat 3 -	0.0	2641.60	Cancel	C	OK d				
Seat 4 -	0.0	2641.60	0	0.00	C				
Seat5 -	0.0	2641.60	0	426.72	C	[n	nm]		
Cargo	0.0	3759.20	0	0.00	С	[Kg] 1406	P		
ZFM	1035.6	2705.05	2801349.42	16.91	17508.40	1215			



File Export Module

The File Export Module adds flexible sharing and output options to the Gyronimo system. It enables pilots to export key documents — including the Load Manifest, Flight Summary, Flight Log, and Flight Plan — directly from the Flight Pad app to a variety of destinations.

Documents can be shared with other installed apps such as Gmail, Outlook, or Dropbox, transferred via AirDrop, saved to the iPad's Files folder, or printed using AirPrint. The module also offers a practical alternative to the Apple Mail app, allowing operators to choose their preferred communication tools when distributing flight documentation.

- Export mission documents from Flight Pad
- Send files to Gmail, Outlook, Dropbox, and other installed apps
- Save directly to the iPad's Files folder
- Share via AirDrop with nearby devices
- Print via AirPrint to supported printers
- Use as an alternative to Apple Mail for outbound documentation

Recommended for operators who require flexible sharing of flight-related documentation.

	14:34 Fri 2. May	Flight Man	ager		Load Manife	Save est Values				© 100% ש Быраміта Bell B206B3
	PDF D	06B3_05-02- ocument · 351	2025_14/34 KB			B206	B3/05.02.202	5		
l		M		0		1				Gyronimo ® FLIGHT PAD
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Custom Modules

For operations with unique requirements, Gyronimo offers the ability to develop custom modules tailored specifically to your mission profile. Whether you need a specialized performance calculation, a unique summary page, or integration of non-standard parameters, our development team can implement modules to meet your exact specifications.

This option is ideal for advanced configurations such as CAT-A procedures, PC-2 planning, average climb gradient computations, or any other complex performance logic not covered by standard modules.

- Custom-built to match specific operational needs
- Supports advanced performance computations
- Developed in collaboration with your flight ops team
- Fully integrated into the Flight Pad and Fleet Control system
- Ideal for CAT-A, PC-2, and special mission setups

Recommended for operators requiring tailored functionality beyond standard module offerings.





Flight Data Transfer Module

The Flight Data Transfer Module enables seamless sharing of flight setup data between multiple iPads using Bluetooth. With a single tap, crew information, passenger and baggage details, as well as performance data (OAT, pressure altitude, altimeter setting) can be transmitted to nearby devices. This allows a flight to be prepared on one iPad and then continued or reviewed on another — ensuring all connected devices display identical data. The process is fast, secure, and requires no external network connection.Ideal for multi-crew operations or larger organizations, this module supports coordination and efficiency across multiple devices in the same aircraft or mission team.

- Share flight setup data across iPads via Bluetooth
- Transfer crew, passenger, baggage, and environmental data
- No internet connection required
- Prepare on one device, complete or review on another
- Supports consistent data across multiple crew members

Recommended for larger operators and multi-crew helicopter operations requiring synchronized flight data across multiple devices.

