



Aircraft logbook and maintenance monitoring

What is the Aircraft Log module for a group or a flying club?

This is an optional module. It is a digital copy of the aircraft's flight log *, and it is the key-stone of an extremely powerful tool. Using it, your flight group will be able to follow the activity of the aircraft with aeronautical precision.

After each flight, record the flight data on GOBOKO, in the same way as you fill out the paper flight log of the aircraft. Ideally: specify the date and time when the engine is started, read the hour meter when starting and stopping.

On aircraft renewals / recalls, enter the next milestones.

GOBOKO will estimate the deadline for each maintenance, based on known bookings, and when a milestone approaches, or is reached, group leaders will receive a notification,

This tool will allow flying clubs to bill pilots or student pilots for their flight hours, This will update the pilot account which will be able to pay the club with a novelty: online payment by credit card from the website or the Android or iPhone applications

. • This hourmeter management functionality in GOBOKO does not exempt you from entering the same information on aircraft paper flight log.

How to activate and configure the Aircraft Log module?

Settings for administrators

only from the website

1 Go to your flight group page and click on the [Update group info] button. Open the "Plan and Modules" section. (NB: to have access to this section, update group info you must be an administrator).



2 Go to Flight types section

Code	Label	
CONV	Convoyage et rapatriement aéronef	🗑️
LOCAL	Vol local	🗑️
MAINT	Maintenance	
	📘 This flight type will be used by default to register maintenance operations.	
NAV	Navigation et voyage	🗑️
PRESTA	Prestation pour un client du club : baptême, vol de découverte, vo	🗑️
ROUL	Roulage	🗑️
TDP	Tour de piste	🗑️

3. Keep or modify the basic settings of the Types of flight table You can add other types of flight, delete some, Don't forget to save your modifications,

Read the [Aircraft Log] paragraph and click [Configure and activate].

Name and contact

Operating hours

Instructor hours

Booking preferences

Renewal settings

→ For aircrafts

→ For members

Downtime

Flight types

Plan and modules

→ Aircraft log

Other settings

Aircraft log settings

Permissions on the aircraft flight log

Who can access to the logbooks of the aircrafts?
 Members of this flying group/club

Who can add a line at the end of a aircraft flight log?
 Group managers only Group managers & Instructors All pilots

Who can rectify an aircraft flight log (insert a line between 2 existing lines / update a line)?
 Group managers only Group managers & Instructors All pilots

Require pilots to complete the flight log upon return of the aircraft. ?
 No Yes

[Save](#)

Fill out the following form according to the needs of your group – then confirm the types of flights that will be useful to you. If you have any doubts, or omit information: don't panic, you can adjust these parameters at any time! Don't forget to save your changes.

4. Finally, access each page of the aircraft in your fleet, Then for each aircraft click on Log-book,



G-BNKD

✚ Airplane @ BRISTOL FLYING - A Not for Profit Organisation

[Update aircraft info](#)

[← Back to the fleet](#)

General

Documents

Flight log

Renewals

Bookings

Flight log is not configured for this aircraft.
 To set it up, go to the [aircraft settings](#), section "Aircraft flight log format"

1. Click on [Aircraft Settings]. Then click on [update aircraft information]. At the bottom you can enable aircraft flight logs and customize the format, add any columns you need!

Aircraft flight log format

Log format not defined for this aircraft.

- Configure it now (from scratch)

Below you can choose which data to use in the aircraft log book. Each data will be the subject of a column in the log book.
Note that you can also choose the order of this data!

Column	Option	Add / Move / Remove
Date(s)	<input checked="" type="checkbox"/> with time <input checked="" type="checkbox"/> double column (for start/end) Flying group timezone ▾	↑ ↓
Flight duration	hours + minutes ▾	↑ ↓ 🗑
Hour meter	<input checked="" type="checkbox"/> double column (for start/end) hours + minutes ▾	↑ ↓ 🗑
Flight type		↑ ↓ 🗑
Pilot		↑ ↓ 🗑
Instructor		↑ ↓ 🗑
Number of landings		↑ ↓ 🗑
Adding fuel	<input checked="" type="checkbox"/> double column (for start/end) volume in liter + checkbox "fully fuelled" ▾	↑ ↓ 🗑
Adding engine oil	<input checked="" type="checkbox"/> double column (for start/end) volume in volume in centiliter ▾	↑ ↓ 🗑
Persons on board	PAX (passagers) ▾	↑ ↓ 🗑
Observation	<input checked="" type="checkbox"/> with a check box to signal an important remark (serious anomaly, etc.) ?	↑ ↓ 🗑

- Confirm that there is no need for this resource: explicitly disable its log book

Save

Add all the columns you need!

Column	Option
Date(s)	<input checked="" type="checkbox"/> with time <input checked="" type="checkbox"/> double column (for start/end) Flying group timezone ▾
Flight duration	hours + minutes ▾
Hour meter	<input checked="" type="checkbox"/> <div style="border: 1px solid gray; padding: 5px;"><p>Initialization of the aircraft flight log</p><p>To initialize the log book, we have to set the start date of the log book, as well as the corresponding hour meter value (if applicable).</p><p>Initialize the aircraft log on the <input type="text" value="28/08/2020"/> ?</p><p>With this hour meter value <input type="text" value="0"/> h <input type="text" value="00"/></p><p><input type="button" value="Save"/> <input type="button" value="Cancel"/></p></div>
Flight type	
Pilot	
Instructor	
Number of landings	
Adding fuel	<input checked="" type="checkbox"/>
Adding engine oil	<input checked="" type="checkbox"/>
Persons on board	
Observation	<input checked="" type="checkbox"/> with a check box to signal an important remark (serious anomaly, etc.) ?

When you setup the "Hour meter" initialization whatever you choose between minutes or hundredth, you have to set the aircraft starting value.

Please note that this choice of hour hundredth or hour minutes will be used to calculate the exact flight duration also for payment by the pilot or the student pilot,

Note that the last line 'Observation' which allows to report a major problem experienced during the flight, if it is filled in when the pilot returns from flight, an email will be automatically sent to the administrators of the group,

Observation	<input checked="" type="checkbox"/> with a check box to signal an important remark (serious anomaly, etc.)	   
confirm that there is no need for this		Group managers will receive an email with the observation if this checkbox is ticked. You can explicitly disable its log book

5. How to define maintenance milestones on aircraft, based on the number of hours flown?

Go to your flight group settings, [\[renewals\]](#) section.

In the [\[Aircraft reminders / renewal types\]](#) table, you should see a default milestone that we added when you enabled the [\[Aircraft log\]](#) module: "50h inspection".

Authority					
	Wall	Documents	Fleet	Mem	
✈ Aircraft reminders and renewals					
Aircraft	2000h maintenance	1000h maintenance	500h maintenance	100h maintenance	50h maintenance
	 2000h	 1000h	 500h	 100h	 50h
G-BOYH	2000	1000	500	100	50
	 mark as done	 mark as done	 mark as done	 mark as done	 mark as done

Have you noticed that you can configure the frequency for periodic maintenance ?

For each aircraft in your fleet, you can set the values and due dates from its [\[renewals\]](#) tab.

Who can add a line at the end of an aircraft logbook? Who can insert or modify a line?

Group managers can specify 2 independent permissions :

- Who can add a new line at the end of an aircraft flight log ?. Default: all active members of the group.
- Who can modify an existing line + insert a line between 2 existing lines ? Default: group managers only.

These parameters are defined in the group information, section [**Aircraft log**].

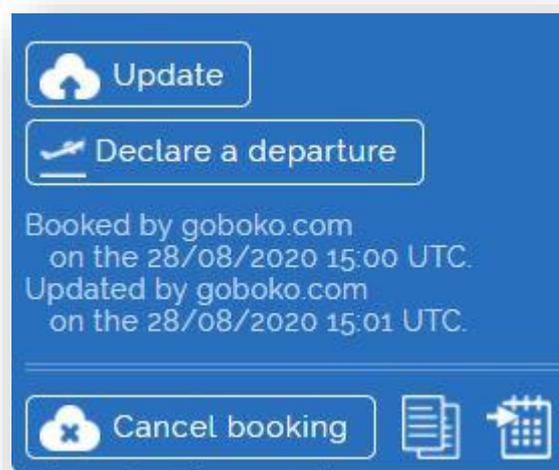
Settings for all pilots

From the website and the smartphone application

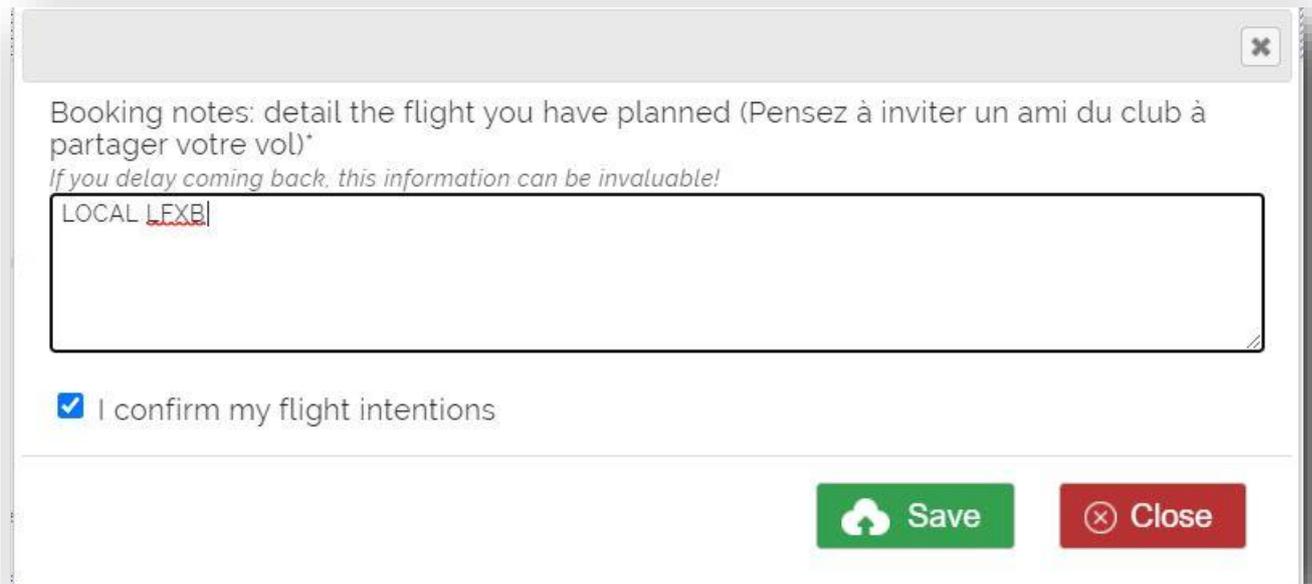
How to record a flight in the aircraft logbook ?

The principle is as follows:

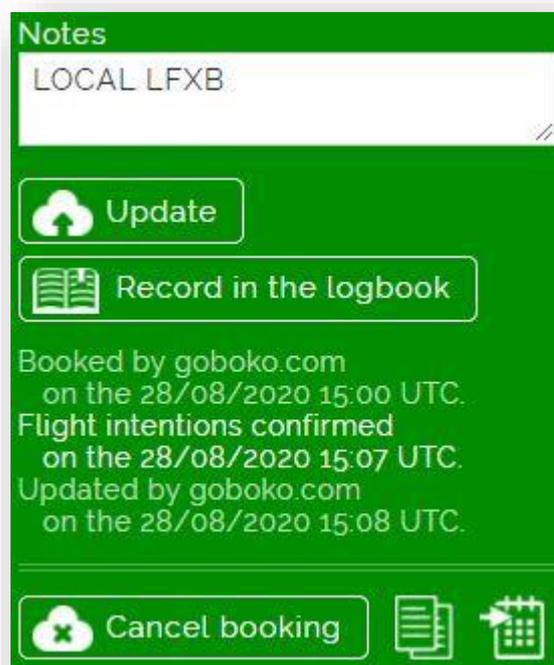
You must declare your departure, for that click on the popup of your reservation then on the "departure" icon



A popup will appear that you will have to fill in and confirm.



Your popup color will changes from blue to green.



It's also possible to log your flight using the mobile application.

Click on [Record in the logbook]

A popup appears in which you can enter the duration of your flight, the number of landings, gasoline and oil you added ...

The screenshot shows a web-based form for recording flight data. The form is titled "Record your flight on the aircraft logbook" and includes the following fields and controls:

- Flight date ***: Two date and time input fields. The first shows 28/08/2020 17:03, and the second shows 28/08/2020 18:27.
- Flight duration ***: A time input field showing 1h 24.
- Hour meter ***: Two time input fields. The first shows 122h 54, and the second shows 124h 18.
- Flight type ***: A dropdown menu showing "LOCAL".
- Pilot ***: A dropdown menu showing "Brian F |" with "Brian F DREY" listed below.
- Instructor**: A dropdown menu showing "Pierrick" with "Pierrick AUREGAN" listed below.
- Number of landings ***: A numeric input field showing "3".
- Adding fuel**: Two fuel input fields. The first shows 100 liter with a checked "FF" checkbox. The second shows 30 liter with an unchecked "FF" checkbox.
- Adding oil**: Two oil input fields. The first shows 0.25 centiliter, and the second shows 0.00 centiliter.
- PAX ?**: A numeric input field showing "2".
- Observation**: A text area containing "NTR" and a checkbox for "important remark ?".

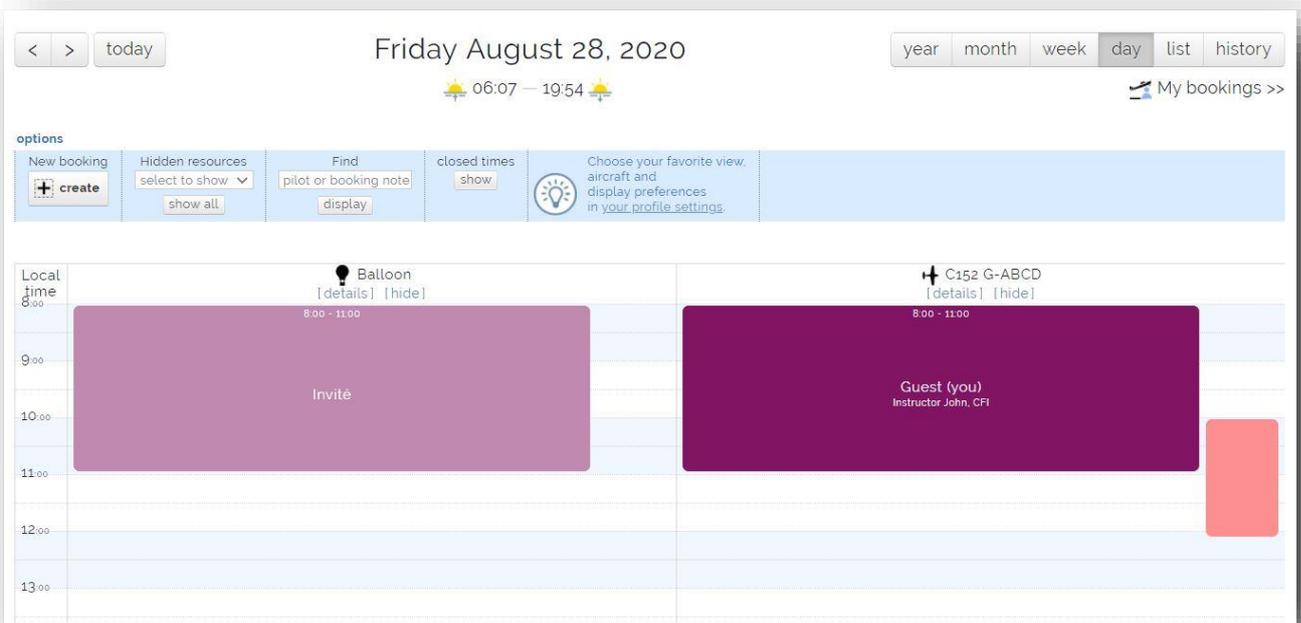
At the bottom right of the form, there are two buttons: a green "Record" button and a red "Close" button.

The reservation popup turns purple. These changes in the color codes of the popups allow the chief pilot to see the activity of his fleet.

Blue shows upcoming reservations or those that had not been canceled

Green shows the airplanes in flight

Violet shows completed flights



The aircraft logbook looks like this

Aircraft flight log for F-BOKH

Below, the logs for August 2020

Date	Date	Duration	Hour meter	Hour meter	Flight type	Pilot	Instructor	Adding	Adding
12/08/2020 14:05	12/08/2020 19:32	5h27	1 0 5 h 0 8	1 1 0 h 3 5	LOCAL	Brian F DREY	Brian F DREY	2	100
13/08/2020 11:08	13/08/2020 14:25	3h17	1 1 0 h 3 5	1 1 3 h 5 2	NAV	Brian F DREY		3	20
14/08/2020 14:32	14/08/2020 20:36	6h04	1 1 3 h 5 2	1 1 9 h 5 6	LOCAL	Brian F DREY	Brian F DREY	4	40
15/08/2020 06:00	15/08/2020 07:42	1h42	1 1 9 h 5 6	1 2 1 h 3 8	DCOM	Brian F DREY	Brian F DREY	2	0
15/08/2020 10:29	15/08/2020 11:45	1h16	1 2 1 h 3 8	1 2 2 h 5 4	LOCAL	Brian F DREY		2	0
28/08/2020 17:03	28/08/2020 18:27	1h24	1 2 2 h 5 4	1 2 4 h 1 8	LOCAL	Brian F DREY	Pierrick AUREGAN	3	100 FF
dd/mm/yyyy	dd/mm/yyyy	0h00	124h18	0h00		GOBOKO GOBOKO.COM			0.00 liter <input type="checkbox"/> FF

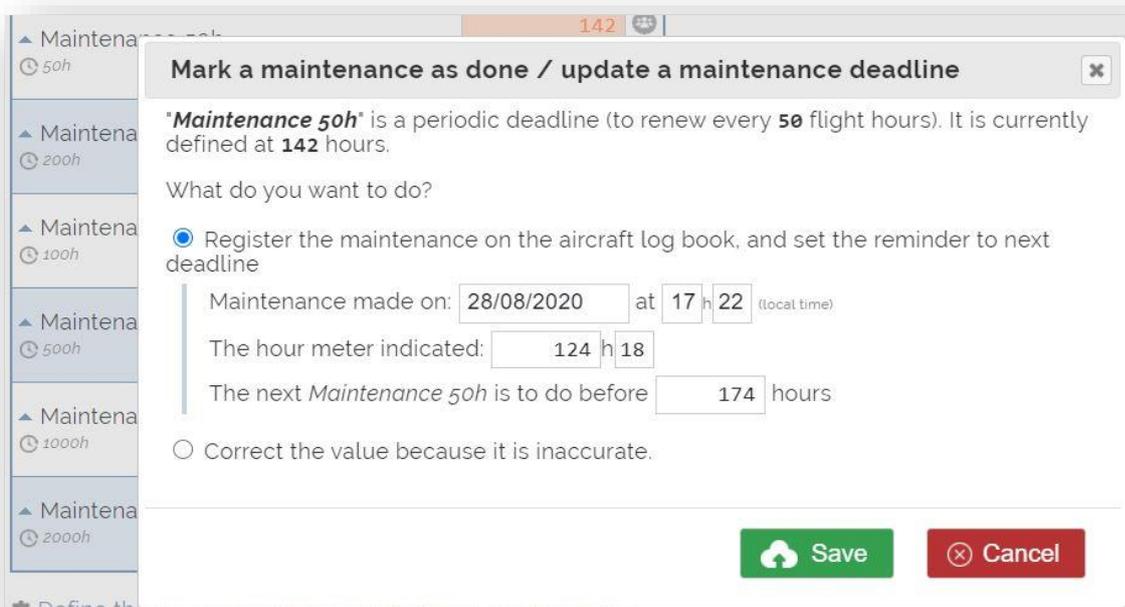
You can edit each row and modify it, and add a row below

In Aircraft reminders, you will find

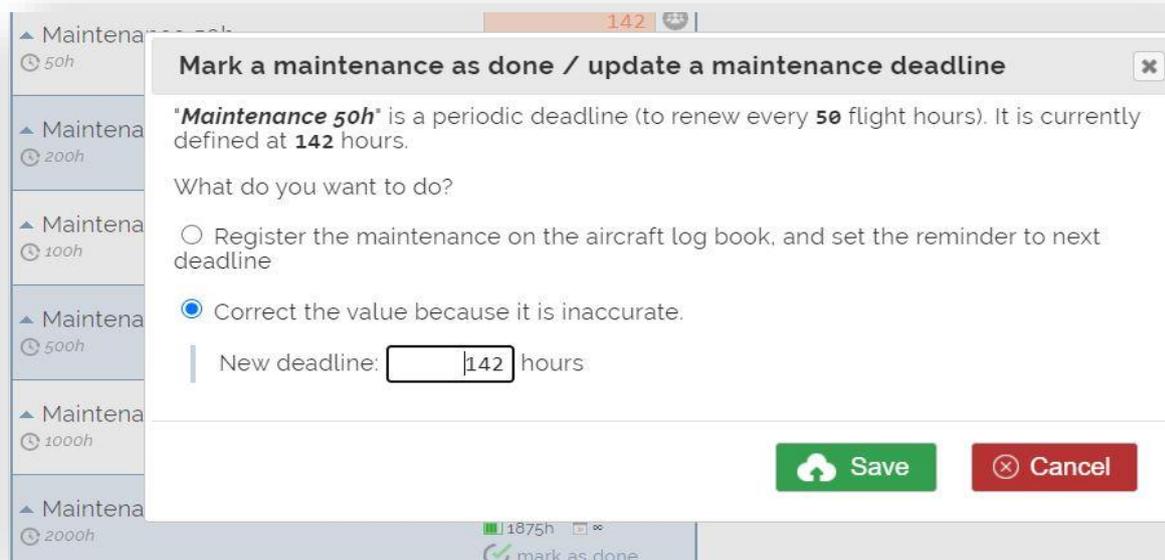


If you click on [Mark as done], you have 2 options

a/



b/



For your information, the hour meter of this aircraft is currently: flight hours.

 Click on the triangle to see the details of a line

Renewal / reminder	Next deadline
▲ Revisión anual <i>Aircraft maintenance check due</i>	24/08/2021 
▲ ARC <i>Airworthiness Review Certificate Renewal Due</i>	28/05/2021 
▲ Seguro <i>Aircraft insurance expires</i>	28/02/2021 
▲ 50h maintenance <i>Drain and other maintenance operations to do every 50 flight hours</i>  50h	3464   27h  ∞  mark as done
▲ 100h maintenance  100h	3514   77h  ∞  mark as done
▲ 500h maintenance  500h	3914   477h  ∞  mark as done
▲ 1000h maintenance  1000h	4414   977h  ∞  mark as done
▲ 2000h maintenance  2000h	5414   1977h  ∞  mark as done

 Define the list of reminders/renewals and their visibility

> Table of all aircraft reminders/renewals

For this aircraft 3437 flight hours . 27 hours left for 50h maintenance so add $3437+27=3464$ hours, and so on for over maintenance milestones.

GOBOKO team is at your disposal to help you set up the management of the time meter by videoconference with the application www.zoom.us add contact.goboko@gmail.com in your contacts

The next developments for the last quarter of 2020

-Management of pilot accounts: debit / credit invoicing of products and services to pilots, online payment via the site or the smartphone application.

-Management of renewal reminders according to the statutes; Instructors, Pilots, or High Pilots

-Follow-up of training for student pilots in partnership with the site www.flightprogress.com

-Management of aircraft keys (when approaching a reservation, the pilot receives a code allowing him to open the safe keybox and get the key to the aircraft)

Good flights
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