

mccPILOTLOG

the most comprehensive and powerful logbook software
for private, military, commercial and professional airline pilots

Android
Blackberry
iPhone / iPad
Windows Phone

Mobile
User Guide



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Introduction

If you do not have time to read the entire Mobile User Guide, we highly recommend you to at least go through [Part I](#)

This guide describes the use of the **mccPILOTLOG mobile app** for **Android phone / tablet** ^{(*)1}, **iPhone / iPod / iPad** ^{(*)2} and **Windows Phone** ^{(*)3} and **Blackberry**^{(*)4} .

The mobile app is an off-line mobile companion tool for the comprehensive logbook software on PC. **mccPILOTLOG logbook software** is developed for Windows computers, but runs also on Mac OS through a Windows emulator. A native Mac OS application is expected in 2013.

The PC software connects to your airline crew web portal (such as AIMS, Sabre, Rainmaker, eMaestro, FLiCA, CatCrew, CrewDock) and transfers your flight roster to the mobile phone app. You can log actual flight times, aircraft tail or crew names onboard and upload all data back to the PC with a single click. The mobile phone app is also suitable for general aviation and comes with special fields for glider and helicopter pilots.

Display local time, DST rule, sunrise/sunset, globe view for any of the 40,000 airfields in the mobile airfield database. Get and save METAR/TAF weather reports, look-up any airfield on Google Earth™ or calculate rhumb line track and great-circle distance between 2 airfields.

The **mccPILOTLOG mobile app** works off-line and does not require continuous internet connection. After logging a series of flights, all records are transferred to the main PC database via internet or via your home / hotel wifi network. The main PC application offers various reports for printing. You can also print your JAA/FAA logbook in many formats, such as Jepessen, ASA, etc.

The mobile app is a complementary mobile tool only. Do not consider or use the mobile app as an independent logbook. Do not consider the mobile app as a valid backup for the PC database !

Free download the PC application from www.mccpilotlog.net You can also **free download** and **test** the mobile app from iTunes, Google Play and Windows Phone Store. If you cannot find the app in the online store, this usually means that your phone does not meet the OS or screen resolution specifications. You can free download the installation package from our website (Order page) and try it anyway.

Test the free app on your mobile phone. If the app meets your expectations, you can order the ENT user license to activate the sync module.

(*)1 Requires minimum OS 2.3 - Supports screen sizes normal, large and xlarge.

(*)2 Requires minimum iOS 4.3 – all iOS screen sizes are supported, such as iPhone 4 and 5, iPad 1 and 2, and also iPod 4 Touch

(*)3 Requires Windows Phone 7.5 or 8 – app available from Windows Phone Store. Supports screen sizes 480 x 800, 720 x 1280 and 768 x 1280

(*)4 For BB10 series only – app can be downloaded straight from our website – not available in Blackberry World

mccPILOTAL



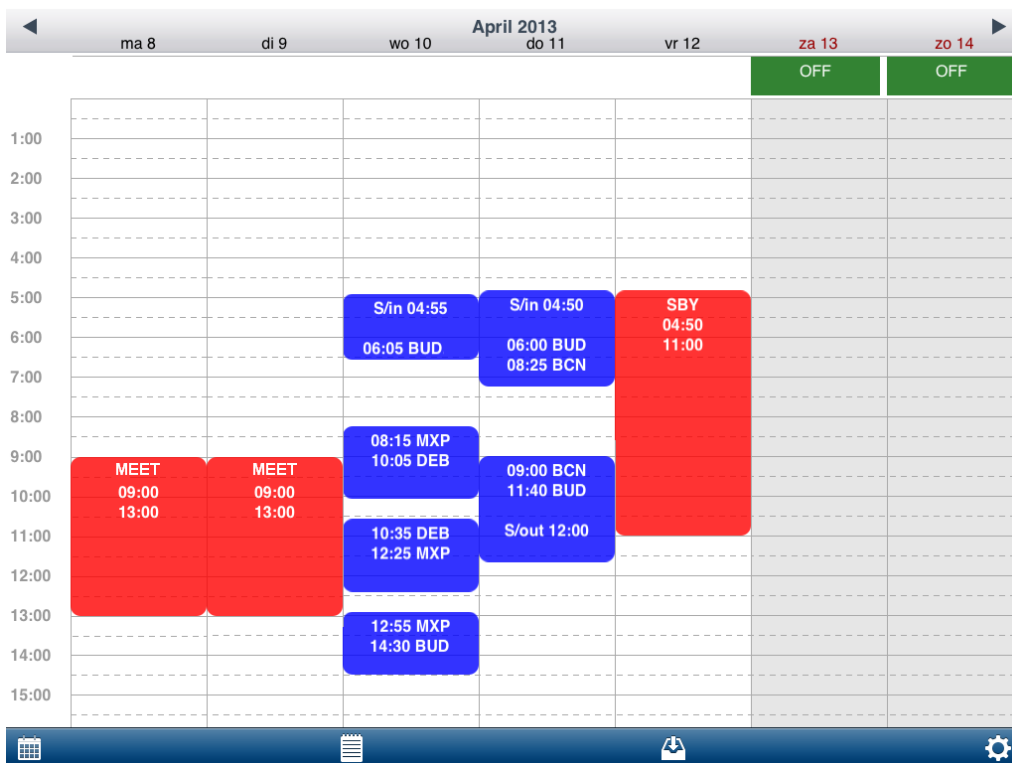
mccPILOTAL is another mobile application for iPhone and Android, to convert aviation units, decode snowtams, calculate wind triangle and convert money currencies.

This app comes free with the main PC software. The mobile apps are available for purchase from iTunes, Google Play.

mccROSTER

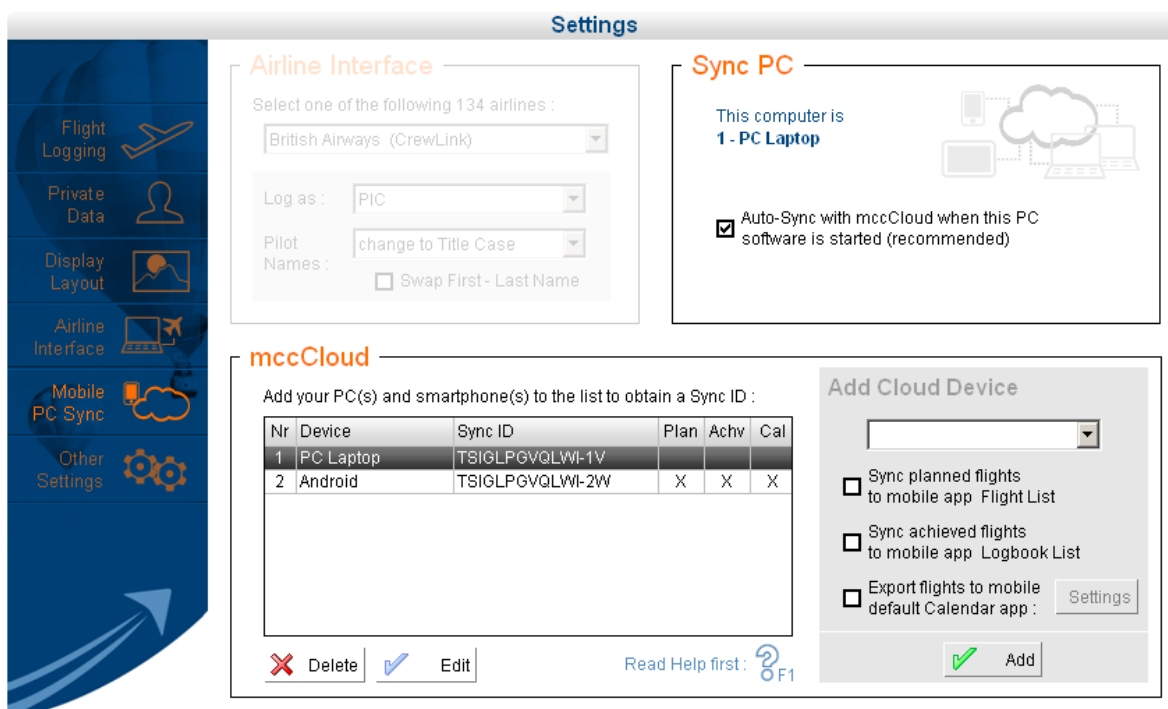
mccROSTER is another mobile application for iPhone and iPad, to import your roster straight from the **AIMS** portal. We will be adding **Sabre CWP** in the near future. There is no link between **mccROSTER** and **mccPILOTLOG**.

The app is available for purchase from iTunes store.



How to get started with mccPILOTLOG mobile app

- 1- Free download and install the **application** from iTunes (iPhone - iPod / iPad) or Google Play (Android) or straight from our website.
- 2- **Test the free mobile app** and make sure it meets your expectations. Continue with step 3 if you are pleased with the mobile app.
- 3- On the PC Settings – Mobile PC Sync page, **add all devices to the cloud list**. You can add up to 9 devices with a single Enterprise user license. You can add any combination, such as PC, Laptop, Mac book, iPhone, iPod, iPad, Android phone, Android tablet, Windows Phone. All devices will sync with each-other.



The screenshot shows the 'Settings' page of the mobile app. On the left is a navigation menu with options: Flight Logging, Private Data, Display Layout, Airline Interface, Mobile PC Sync (highlighted), and Other Settings. The main content area is divided into three sections:

- Airline Interface:** A dropdown menu for 'Select one of the following 134 airlines:' is set to 'British Airways (CrewLink)'. Below it are fields for 'Log as:' (PIC), 'Pilot Names:' (change to Title Case), and a checkbox for 'Swap First - Last Name'.
- Sync PC:** A box indicating 'This computer is 1 - PC Laptop' with a diagram of a laptop connected to a cloud. A checkbox 'Auto-Sync with mccCloud when this PC software is started (recommended)' is checked.
- mccCloud:** A section titled 'Add your PC(s) and smartphone(s) to the list to obtain a Sync ID:'. It contains a table with two rows of devices and a 'Read Help first: ? F1' link.

At the bottom of the 'mccCloud' section are 'Delete' and 'Edit' buttons. To the right is an 'Add Cloud Device' panel with a dropdown menu, three checkboxes for syncing flight data, and an 'Add' button.

Nr	Device	Sync ID	Plan	Actv	Cal
1	PC Laptop	TSIGLPGVQLWI-1V			
2	Android	TSIGLPGVQLWI-2W	X	X	X

- 4- Each device on the cloud list is attributed a unique Sync ID. Insert the **Sync ID** on the **Settings** page of the **mobile app**.
- 5- You are now ready to sync. When launched for the first time, the mobile app database is empty. Use the Reset Database function from the PC Sync page to load the database with pilots, aircraft, airfields and flight records. Refer to page 14 for more information.



Part I

Data Management

Mobile User Database

Do not consider the mobile app logbook as a valid backup for your flight records !
The PC database is the main database ! You must regularly backup the PC database,
preferably to mccCloud or an external media !

Anytime a new mobile app update is released in iTunes or Google Play,
you must first sync the mobile app with mccCloud prior to downloading the update !

The user database on the mobile contains the following tables :

Flights

The goal of the mobile app is to log flights or simulator sessions onboard the aircraft. All records are then transferred to the PC.

You can either log a complete flight record or only a part of the record. The remaining fields can be entered later on the mobile app, or are filled by the airline interface on the PC.

To avoid disasters should the application crash or your mobile get lost, the flight list is limited to 80 flights. You must then first sync the app with mccCloud in order to clear the flight list. Use the back-up function to avoid disasters.

Crew

Except for the pre-defined "self" pilot, the crew list is empty when you install the application on your mobile. You can create new crew members straight on your mobile or you can transfer existing crew members from the PC to the mobile by ticking the checkbox on the Sync - Reset Database page.

The crew list is synched in both directions. So, anytime you change crew member properties on the mobile or on the PC, this crew member is automatically transferred to the other database. If pilot properties are changed on the mobile and on the PC at the same time, changes from one database overwrite changes made to the other database. Whether the mobile overrides the PC or visa versa depends on what party that is being synched first.

Pictures are synched one-way only, that is from the mobile to the PC, but not the other direction.

Whenever mobile and PC exchange pilots, the unique Employee ID is used to match records. Therefore, we strongly recommend to log the unique Employee ID. If the Employee ID field is empty, the PC will try to match pilot names. However, "Enrico Toso", "Toso Enrico", "Toso E." and "Tosso Enrico" are 4 different pilots... You can use the Merge function on the Tables - Pilot page to clean-up double pilot names.

Aircraft

When you initially install the application on your mobile, the aircraft list contains a sample record. You can delete this record as soon as you are familiar with the application.

For commercial reasons, you cannot create new aircraft on the mobile. You can transfer all aircraft from the PC to the mobile by ticking the associated checkbox on the Sync - Reset Database page.

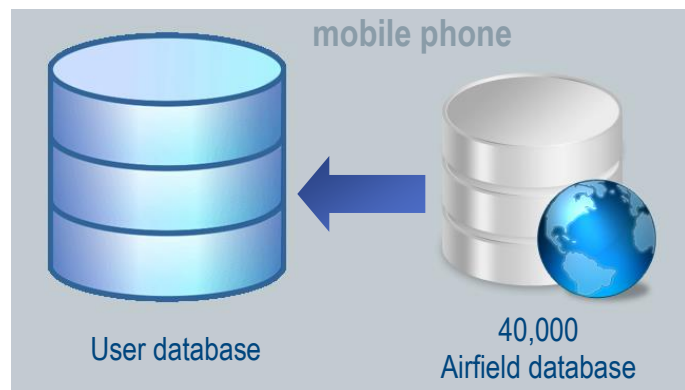
To log a flight with an aircraft that is not (yet) listed in the mobile database, just enter the aircraft registration in the Aircraft box, with or without hyphen, e.g. G-BACD or N2477Y. The mobile app displays "New Aircraft" in red color when the aircraft registration is not recognized. However, when transferring the flight from the mobile to the PC, the PC will recognize the registration, if it exists on the PC. The flight record is automatically updated. Furthermore, the PC returns all properties for this aircraft to the mobile for future use.

Should you have entered a new registration for which there is no aircraft in the PC database, the PC automatically creates a new aircraft with tail registration entered on the mobile phone. The new aircraft will take the properties of the last aircraft that was added to the database. You may need to verify and adjust the aircraft properties on the PC.

Airfield

The User Database on the mobile phone contains only airfields that you regularly fly.

However, the mobile app comes with a second database with 40,000 airfields. Press the "Add" button on the Airfield List to transfer an airfield from the airfield database to the user database.



This process transfers airfields one by one, so it should only be used when you want to log a flight to a new airfield or you want to obtain the weather for another airfield, and you do not have access to the main PC application.

You can transfer a single or a bulk of airfields from the PC to the mobile user database by ticking the associated checkbox on the Sync - Reset Database page of the PC.

Depending on memory and processor, the mobile app may slow down when the airfield list contains more than 500 airfields. That explains why those 40,000 airfields are stored in a separate database. The user database should only be loaded with airfields for your active flight sector.

Settings

Selections on the mobile app Settings page are stored locally and are not transferred to the PC. In case of conflict the settings on the PC override all local mobile app Settings. For instance, when you select "I do not log Departure-Arrival airfield" on the mobile app, but you have selected the opposite setting on the PC, the PC setting prevails.

Synchronizing the mobile app with mccCloud

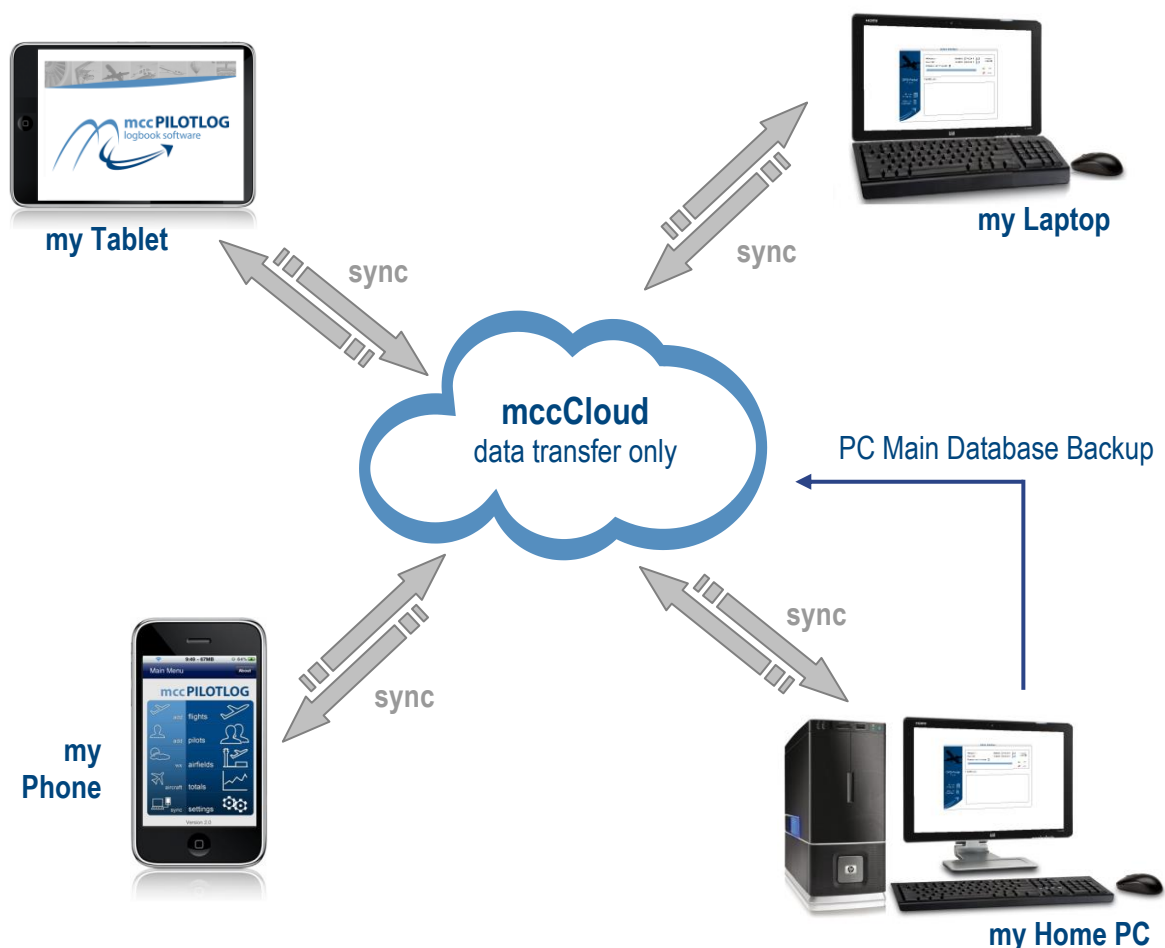
Synchronization between the mobile phone is wireless. All data is transferred over the **mccCloud**.

All you need is internet connection to sync with mccCloud. There is no need for the mobile and the PC to be connected to the same network or to the same wifi router. For instance, the PC can be connected via a cable LAN network while the mobile phone is using the local wifi network. The use of 3G internet connection is not recommended !

There is no need for the devices to be connected at the same time. Any device can be synced at any time and in any order with mccCloud.

Keep in mind that all devices, both mobile and PC, are always working from a **local database stored on the machine itself**. mccCloud is only used to synchronize / transfer flight data between all devices. You are not working "live on the cloud", because cloud computing requires permanent internet connection, which would render the application useless onboard the aircraft or from an antiquated hotel room.

In this context it is important to know that the main database is located on the PC, while the mobile user database is just a companion on the road. You can store a backup copy of the PC main database on **mccCloud** (see illustration).



Data Transfer

mccCloud allows you to use any combination of PC, Laptop, Mac OS, Android, iPhone, iPad, Windows Phone simultaneously up to a maximum of 9 devices with a single Enterprise user license.

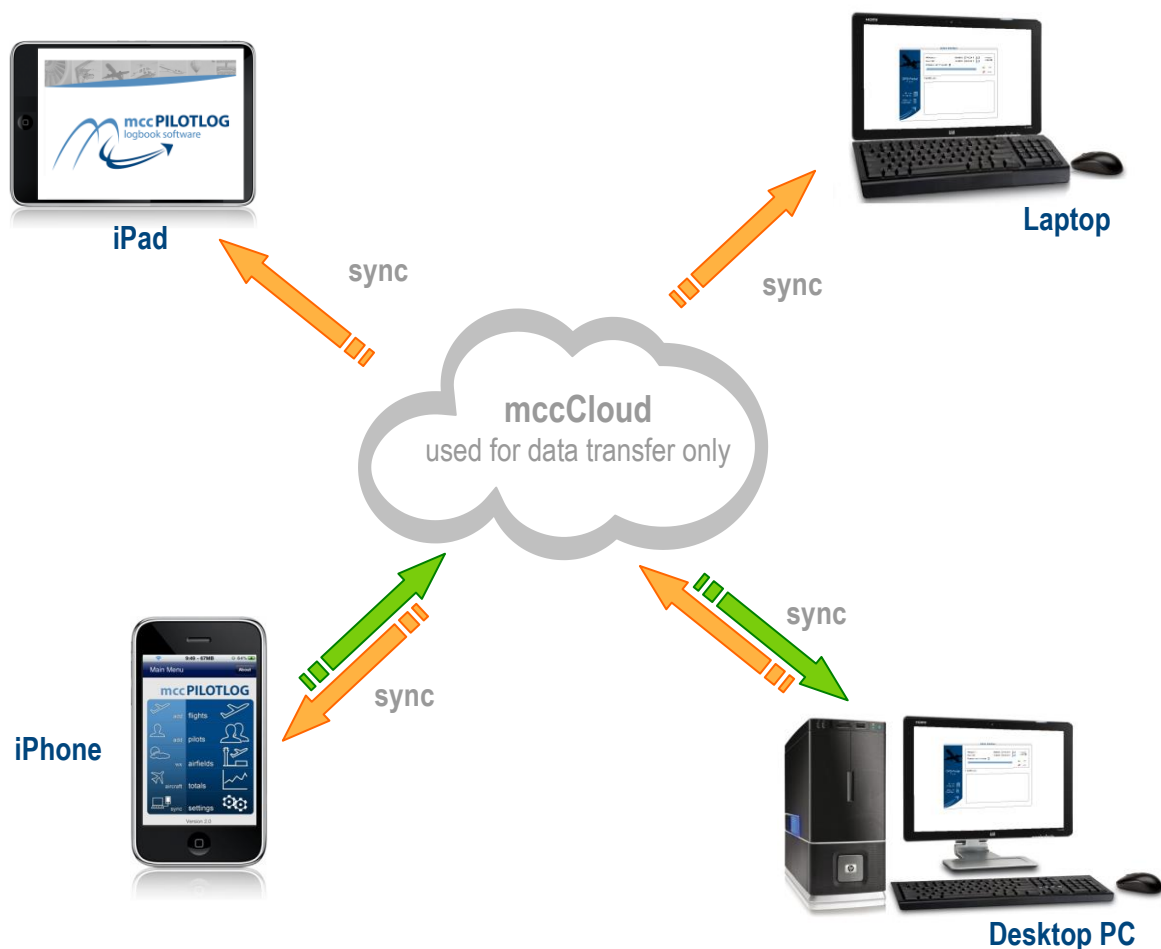
Data transfer and database management is very complex, in especially when only a part of the flight is logged onboard the aircraft and data is to be merged with data appertaining to the same flight, but retrieved from another source or logged on another device. For this reason, the PC is always the master and mobile device(s) are a companion tool only. Here is a sample :

➡ Say, you use the iPhone to log **only** Aircraft Tail, Pilot Flying and Type of Approach onboard the aircraft. This (incomplete) flight is synched to mccCloud. As soon as the flight is uploaded to mccCloud, the flight is removed from the iPhone Flight List, so it looks like the flight has disappeared. When the PC is synchronizing with mccCloud, the flight record is transferred from mccCloud to the PC.

The PC is also connecting to your airline crew web portal, where it gets flight number, actual block hours and crew names. All this data from different sources is automatically merged into a single flight record.

← The final and complete flight record is now sent back to mccCloud, from where it is dispatched to all other devices, including the iPhone where it was originally logged. The flight record now appears in the Laptop database, and in the Logbook page of all mobile devices.

The Laptop is synched in parallel with the PC database, allowing you to work and modify flight records. However, flight records from the Logbook List on the iPhone and iPad are only a static copy that can not be modified. Changes made to the flight record on either on the PC or the Laptop are again synched to all other devices in the cloud group.



Read Part III of this user guide for **trouble shooting**.

Flight List

Flight List (17)		Menu
28 nov. 2012	JAF174p	➤
EBOS-EBLG	17:00 - 17:45	➤
28 nov. 2012	JAF3457	➤
EBLG-DTTJ	18:45 - 21:30	➤
28 nov. 2012	JAF3458	➤
DTTJ-DTNH	22:15 - 23:00	➤
28 nov. 2012	JAF3458	➤
DTNH-EBLG	23:50 - 02:30	➤
02 dec. 2012	JAF7567	➤
EBBR-LEMG	05:05 - 07:50	➤
02 dec. 2012	JAF7568	➤
LEMG-EBBR	08:45 - 11:35	➤
03 dec. 2012	JAF1357	➤
EBBR-LEAL	05:10 - 07:30	➤
03 dec. 2012	JAF1358	➤
LEAL-EBBR	08:25 - 11:00	➤

The flight list shows flights that are logged on the mobile or future flights that are synced from the PC, i.e. by using an airline interface..

By selecting the "Sync **planned** Flights" on the PC Settings page, all planned flights from the PC database are synced to the mobile app and will appear in the **Flight List**.

You can add or modify flights and log actual hours, aircraft tail, pilot names, etc. Refer to "Data Flow A-B-C" on the following pages to understand the logic !

Refer to Part II of this user guide for a description of the different **color codes** used on the Flight List.

If you hold multiple mobile devices, but only one is used to log flights, we recommend to synchronize planned flights to that mobile only. You can setup each device separately from the PC Settings – PC Mobile Sync page

mccCloud

Add your PC(s) and smartphone(s) to the list to obtain a Sync ID :

Nr	Device	Sync ID	Plan	Achv	Cal
1	PC Laptop	TSIGLPGVQLWI-1V			
2	Android	TSIGLPGVQLWI-2W	X	X	X

[Read Help first: ? F1](#)

Edit Device - Nr 2

Android

Sync planned flights to mobile app Flight List

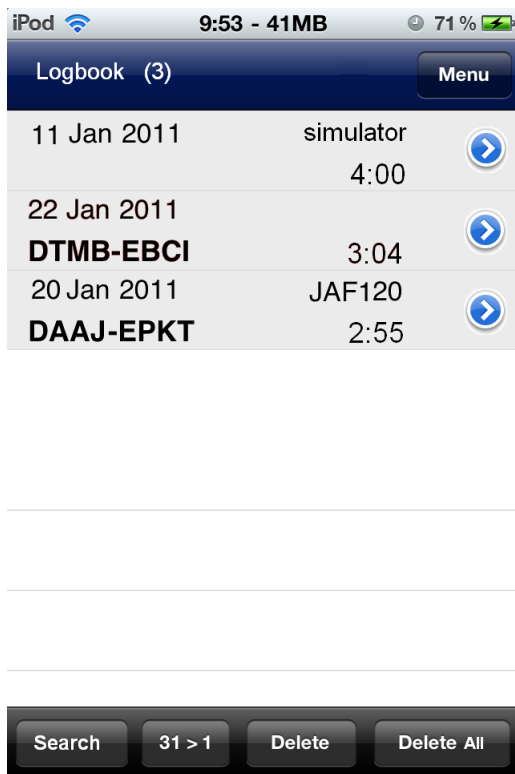
Sync achieved flights to mobile app Logbook List

Export flights to mobile default Calendar app :

The first time, you may need to use the "Transfer all planned flights" function on the PC Sync - Reset Database page to load the mobile app Flight List. After that, it will sync automatically.

- Transfer all planned flights
- Transfer all planned flights for today

Logbook List

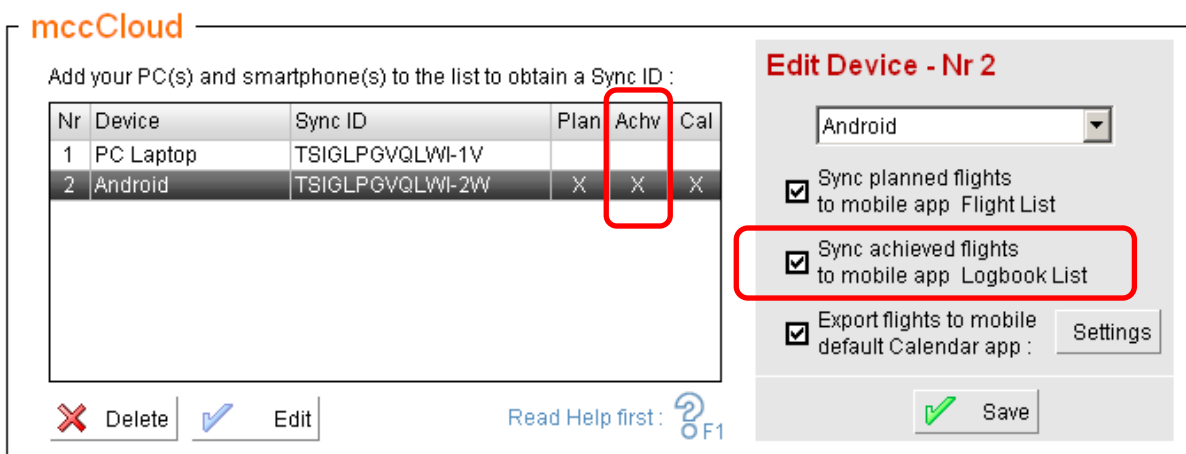


The mobile app is a complimentary tool to the main PC software, and it should be used as such. Flights logged on the mobile are deleted from the mobile **Flights List** after each sync with mccCloud.

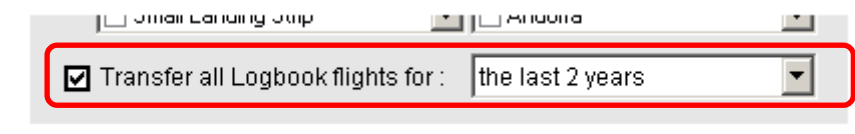
By selecting the "Sync **achieved** Logbook Flights" on the PC Settings page, a copy of your flight records is returned from the PC database back to the mobile. These flights do not appear in the mobile app Flight List, but are shown on the **Logbook List**.

Flight records in the mobile app Logbook List are a static copy of the original flight or simulator record on the main PC database. Records cannot be edited on the mobile. However, all changes made to the flight record on the PC are automatically sent to the mobile with the next sync.

In short, the mobile app **Flight List** shows planned flights, while the **Logbook List** shows achieved flights. You can setup each device separately from the PC Settings – PC Mobile Sync page



The first time, use the "Transfer all Logbook flights" function on the PC Sync - Reset Database page to load the mobile app Logbook List. After that, it will sync automatically.



Reset Database

Whenever you add or edit any record from the Airfields, Aircraft or Pilots table on the PC, this record is automatically flagged for transfer to the mobile on the next synchronization.

The Sync - Reset Database page is used to transfer all or a bulk of records from the PC database to the mobile user database, in especially when the mobile user database is empty or an interruption occurred.

Notice that there is no {OK} or {Confirm} button on the Reset Database screen. Just tick the appropriate checkbox(es) and press the Sync Now button. All checkboxes are cleared after the first sync or when the Sync page is closed.

Selections from the Settings – Mobile PC Sync page overrule the Reset Database function ! e.g. when you select “Transfer all planned flights” on the Sync – Reset Database page, but you have not engaged the “Plan” option on the PC Settings page for the mobile device, the flights will not be transferred !

The screenshot shows the 'Synchronize with mccCloud' interface. At the top, it displays 'Devices : 2 computers, 2 mobiles', 'User : PDEBULCPMLPG', and 'Last Sync : 03/12/2012 at 12:51'. A 'Sync Now' button is visible. Below this is the 'Reset Database' section, which has two radio buttons: 'All Mobiles' (selected) and 'Other PC'. The section contains several checkboxes for transferring data, including 'Transfer all planned flights', 'Transfer all pilots for:', 'Transfer all aircraft for:', 'Transfer all 125 airfields where I have been before', and 'Transfer the following 0 airfields:'. A list of airfields is shown, including 'Air Force Base, Coast Guard', 'Ballooning, Glider, ULM strips', 'Seaplane, Hidroport', 'Heliport, Medical Center', and 'Small Landing Strip'. A sidebar on the left contains 'Mobile App User Guide' and 'Show Last Log File'.

Important note The PC database keeps track of records that have been sent to the mobile, to avoid that the same record is transferred multiple times without any changes. However, there is no feedback from the mobile to the PC whenever you delete a record on the mobile. This may create a gap in the mobile user database.

For example ; Your next flight from JFK to ORD is with aircraft N1234K. The flight is transferred from the PC to the mobile. Aircraft N1234K has been transferred to the mobile before, so it is not sent again. However, you have deleted the record from the mobile. Now, the flight record from JFK to ORD shows aircraft “17” instead of aircraft N1234K. “17” is the database unique identifier for this aircraft record. This is when you would use the {Re-Sync} button on the Tables pages to manually flag aircraft N1234K for a new transfer to the mobile. After the sync, identifier “17” will be replaced by N1234K.

Using the mobile app in combination with an Airline Interface on the PC

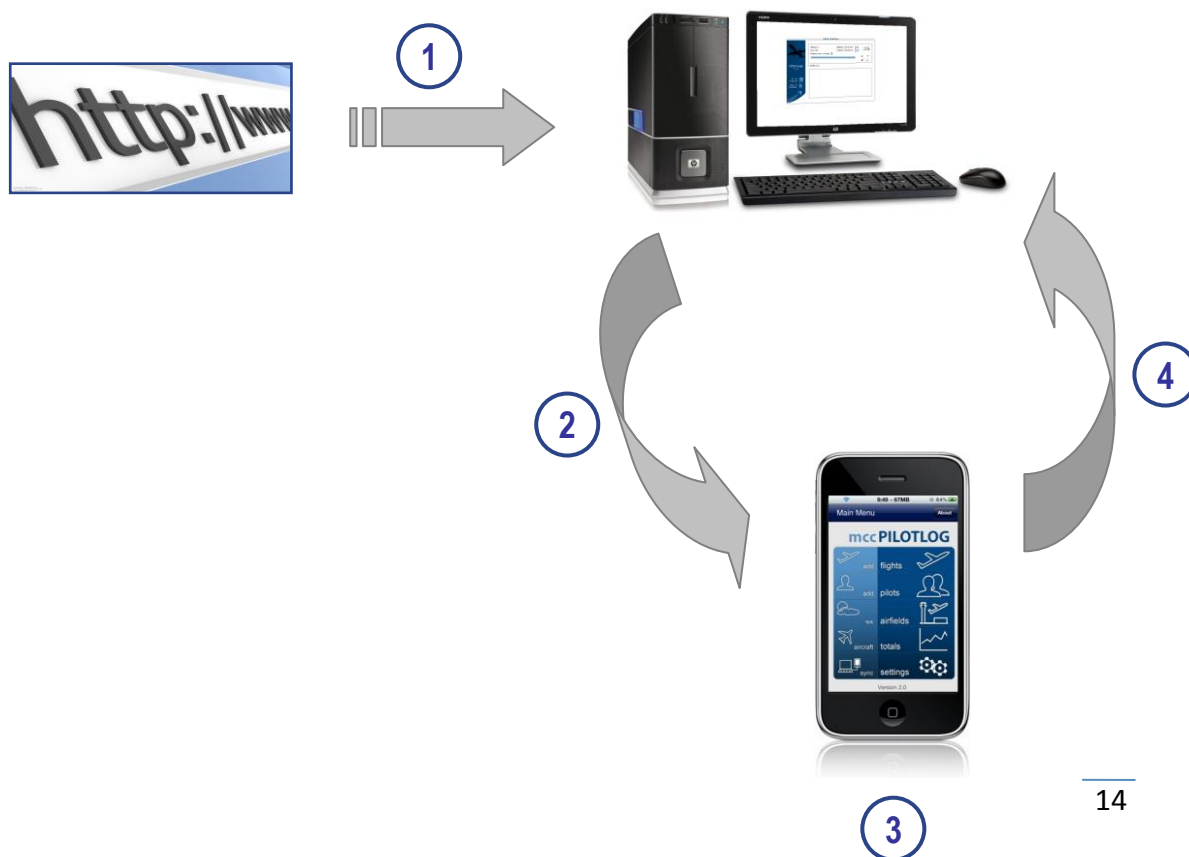
Depending on the type of airline interface, one of the following data flows apply to you :

Data Flow - Type A

The airline interface imports **planned flights** from the crew web portal or roster files

Interfaces : *AIMS (htm files), KLM iCrew, Ryanair (CrewDock)*

- Step 1 → Import the **planned flights** from the crew web portal or planned roster files (flight records are colored green on the PC, because the date is in the future and part of the information is missing, such as aircraft tail and actual hours)
- Step 2 → These planned flights are automatically **transferred** from the PC to the mobile (planned block times and flight times are not transmitted to the mobile) (flight records are colored green on the mobile)
- Step 3 → Onboard the aircraft you **edit** actual flight times, aircraft tail and -if missing- pilot names (the flight backcolor is red when part of the information is missing after edit, such as the landing time - flight backcolor turns white when all data has been entered)
- Step 4 → Sync flights back to the PC - "**Incomplete Flights**" on the mobile Sync page should be selected off. (flight log is now completed, flight records are colored white on the PC)



Data Flow - Type B

The airline interface imports **achieved flight data with actual flight times** from the crew web portal or roster files, however part of the information is missing, such as aircraft tail and/or pilot names.

Interfaces : *BlueOne, CatCrew, Condor, Emirates, NetLine/Crew, Rainmaker, SkyWest*

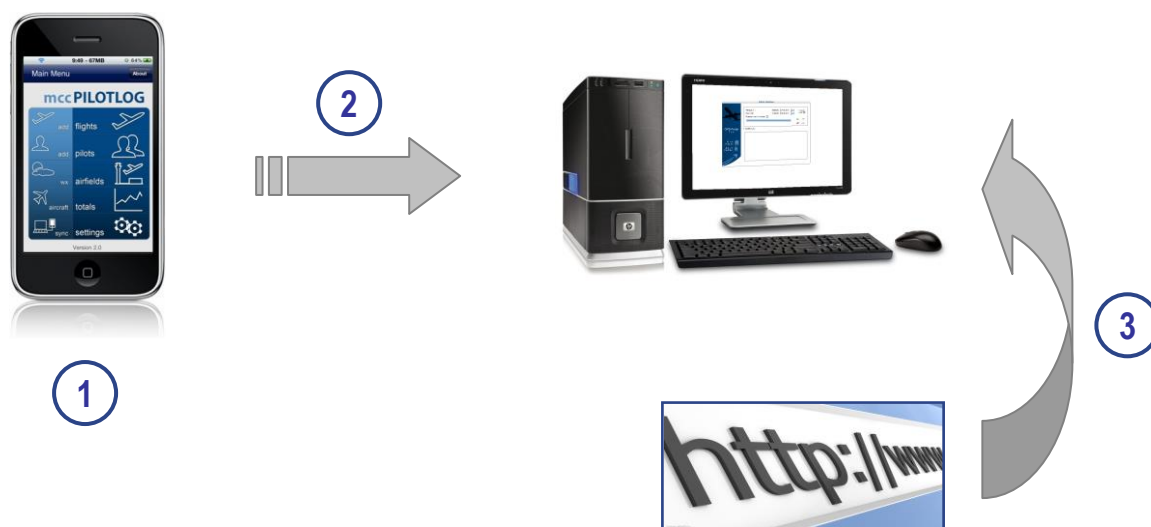
- Step 1 → Onboard the aircraft **create** a new flight. The minimum required information is :
- flight date
 - departure and arrival airfield
 - flight number (*only in case you perform the same flight twice on same date*)

Now, enter only the information that is missing from the airline interface, typically aircraft tail, task (PF/PM), type of approach and remarks/instruction. You do not need to log the flight hours, night time, TO / Ldg, nor aircraft tail, the latter if available from the airline interface.

The new flight is saved as “Incomplete”, indicated by a red backcolor on the mobile.

- Step 2 → On the mobile Sync page, select '**Incomplete flights**' to transfer incomplete flights from the mobile to the PC. These flight records will get a green backcolor on the PC because some data, such as flight hours, is still missing.

- Step 3 → Import achieved flight data from the crew web portal or duty plan files, using the PC Airline Interface function. Imported data automatically merges with flight records logged on the mobile. All flight data is now available, so the flight record backcolor turns white.

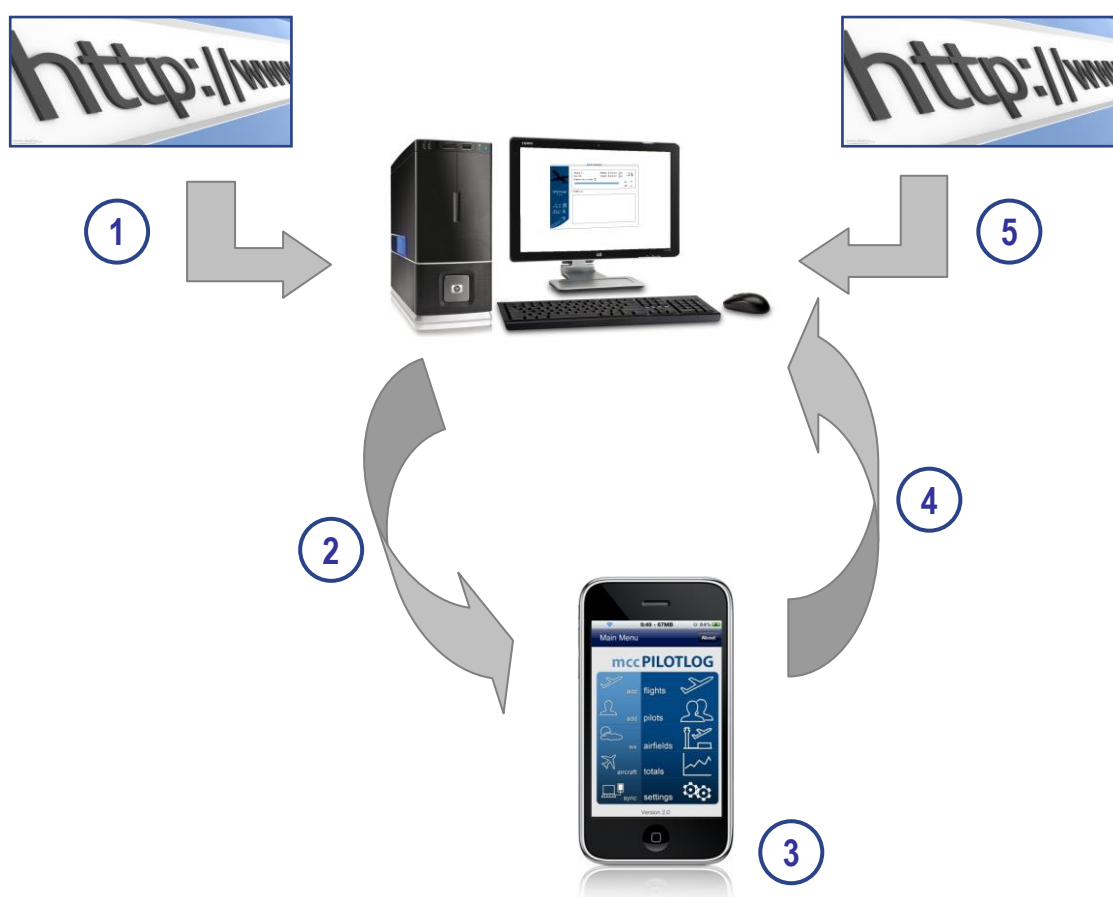


Data Flow - Type C

The airline interface imports **planned flights and achieved actual flight times** from the crew web portal or roster files

Interfaces : *AIMS Web, British Airways, FLiCA, Sabre, Lufthansa BDFL, Sigla, TUI OpsMan*

- Step 1 → On the PC, import **planned flights** from the crew web portal or planned roster files using the Airline Interface. Flight records are colored green, because the date is in the future and also because some data is missing, such as aircraft tail and actual hours.
- Step 2 → These planned flights are automatically **transferred** from the PC to the mobile. Planned block times and flight times are not transmitted to the mobile. The records are colored green on the mobile, since they are in the future.
- Step 3 → Onboard the aircraft you **edit** the flight record and you enter only information that is missing from the airline interface, typically aircraft tail, task (PF/PM), type of approach and remarks/instruction. You do not need to log the flight hours, night time, TO / Ldg, nor aircraft tail, the latter if available from the airline interface. On the mobile Settings page, select "I do not log Off-/On-Block Hours". The new flight is saved as "Incomplete", indicated by a red backcolor on the mobile.
- Step 4 → On the mobile Sync page, select '**Incomplete flights**' to transfer incomplete flights from the mobile to the PC. These flight records will get a green backcolor on the PC because some data, such as flight hours, is still missing.
- Step 5 → Import **achieved flight** data from the crew web portal or duty plan files, using the PC Airline Interface function. Imported data automatically merges with flight records logged on the mobile. All flight data is now available, so the flight record backcolor turns white.



Exporting Flights to the mobile app Calendar

Planned flights (including flight numbers and crew) and simulator sessions can be exported to the mobile default calendar app. Notice that the Android calendar is not the same as Google Calendar !

To activate iCal (iPhone) - gCal (Android) export, select the "Sync planned flights to mobile calendar app" on the PC Settings page for the device. Press the Settings button to setup different properties.

mccCloud

Add your PC(s) and smartphone(s) to the list to obtain a Sync ID :

Nr	Device	Sync ID	Plan	Achv	Cal
1	PC Laptop	TSIGLPGVQLWI-1V			
2	Android	TSIGLPGVQLWI-2W	X	X	X

Delete Edit [Read Help first: ? F1](#)

Edit Device - Nr 2

Android

Sync planned flights to mobile app Flight List

Sync achieved flights to mobile app Logbook List

Export flights to mobile default Calendar app :

Save

If you use different devices from the same category, such as iPhone and an iPad, you only need to export to 1 device and the calendar app will automatically sync the appointments to the other device through iCloud or similar.

Roster changes may cause double appointments in the calendar. The iCal export function does not delete previously booked appointments in case of roster changes.

The Calendar export function is an automatic background process, as part of the sync function. Planned flights imported through the airline interface are automatically transferred to the mobile app calendar app on the next sync.

The first time however, you may need to use the "Transfer all planned flights to mobile default Calendar app" function on the PC Sync - Reset Database page to force an export.

Transfer all planned flights for today

Transfer all planned flights to mobile default Calendar app



If you want to re-sync some but not all flights, multiselect those flights on the PC Flights page and select the "Flag for a new export to Calendar".

Note : **mccPILOTLOG** is a logbook application in the first place. Today, the software only handles flights and simulator sessions. We will be adding other duties in the future, such as deadheading flights, car taxi, and other ground duties. Therefore, the calendar export function is basic. If you need more enhanced Calendar export functions, then use our **mccROSTER** app for iPhone / iPad.

Backup the User Database

Do not consider the mobile app logbook as a valid backup for your flight records !
The PC database is the main database !

**We recommend to sync the mobile app with mccCloud every few days,
wherever you are (any airport terminal, any hotel room).
Do not wait until you are back home !**

Once the flights are uploaded on mccCloud, they are safe, should your mobile phone get damaged or get stolen.

Some users reported that they don't want to sync while on the road due to limited internet connection or because the Flight List is purged when the mobile is synched.

For those users, we have added the mobile app **backup** function. The backup function saves a copy of the mobile user database on mccCloud.

Click the Backup button on the Settings page to upload a backup to mccCloud. You can also engage the 8-days reminder from the Settings page, which will prompt you every 8 days.

The mobile backup function is for emergency only. Restoring the backup from mccCloud requires manual intervention from the Help Desk.

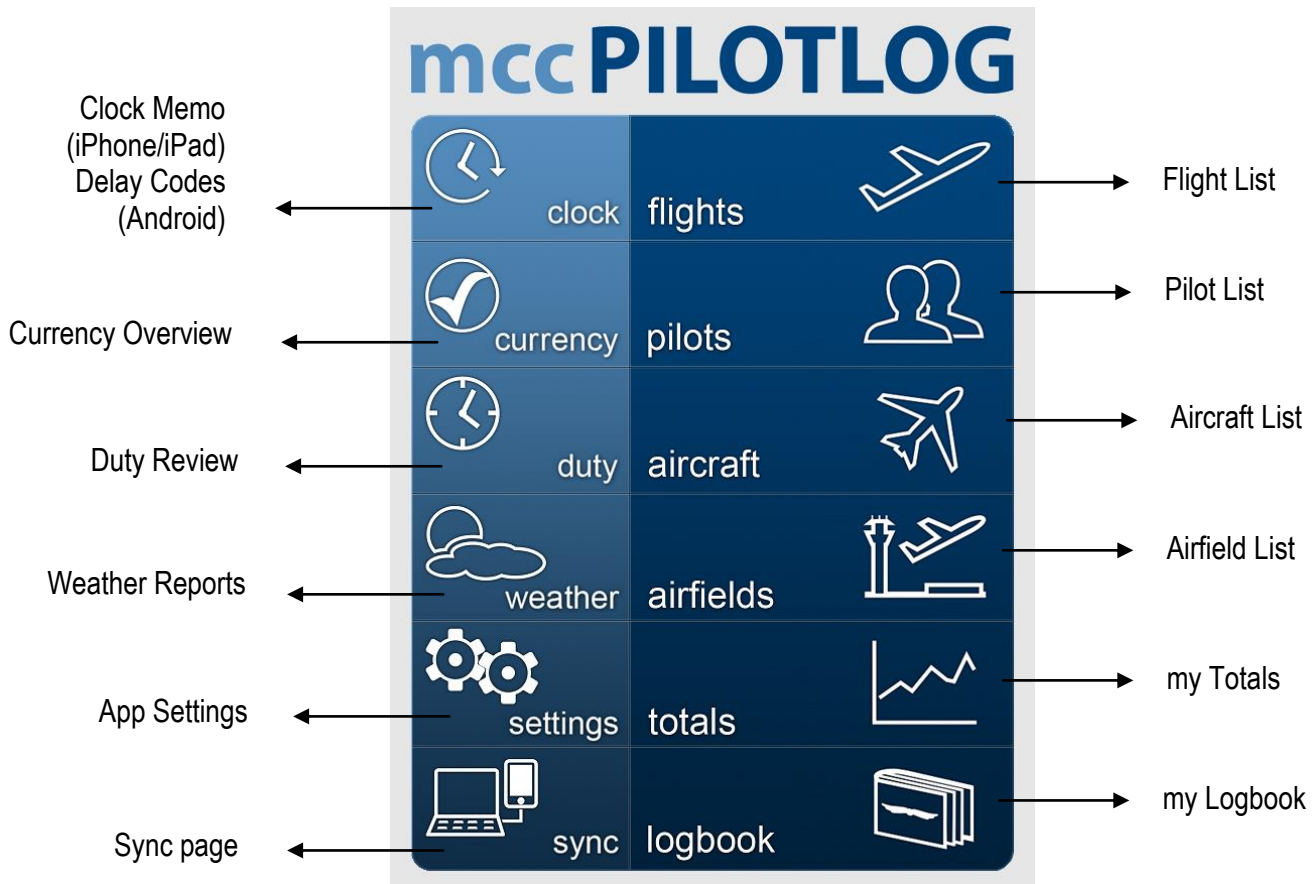




Part II

Screen Description

Main Menu



Important note for **Android** users :

Android users must **use the CLOSE button** on the Main Menu page to close the app. If you close the app by pressing the Home key, the app does not really close and remains running in the background (*). A database timeout occurs when the app is launched again and all tables appear empty. If such is the case, close the app with the CLOSE button and restart.

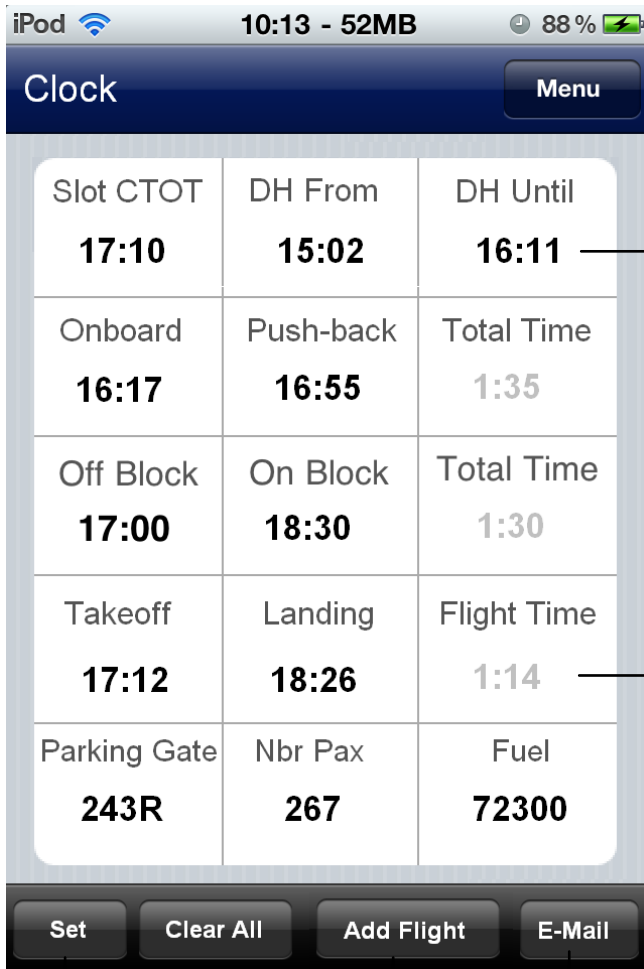
(*) this is valid for all Android apps, causing additional battery consumption

Clock Memo

(iPhone only)

The Clock Memo page allows you to log different time spots along the flight. Just open your mobile phone and hit any of the 18 time fields. The first 15 fields are fixed, the last 3 fields (lower row) are user changeable. Times are logged in local time or in UTC, according to your selection on the Settings page.

Logged times can be used later to create a new flight within the mccPILOTLOG app, or can be copied to the companies flight report. You can also generate an e-mail to your private mailbox for later reference.



Simply hit the time field to confirm the time, or to clear a previous entry.



The 3 grey colored total fields are auto-calculated and cannot be edited.

Some airlines distinguish between Push-back time and Off-Block time. Total Time on row 2 shows the time span between Push-back and On-Block, while Total Time on row 3 is measured from Off-Block until On-Block.

Change user selections for 3 fields (bottom row) and preset e-mail address

E-mail all clock fields to your private or fellow pilot mailbox.
E-Mail address can be preset via Set button

Create a new flight, using the Push-Back or Off-Block time (as logged), and the On-Block time. You can also "retrieve" these times by pressing the clock icon on the Flight Add - Hours Tab page. If both are logged, Push-back time takes precedence.

Delay Codes

On iPhone/iPad, the Delay Codes list is available through the Clock screen. The list is also available from the Flight Add page, allowing you to log the official delay code on your flight.

Enter any free text to display associated delay codes only.

Delay Code Menu

🔍 cargo ✕

Clear the search text and display full list again.

21 (CD)
DOCUMENTATION
Late or incorrect documentation for booked cargo

22 (CP)
LATE POSITIONING
Late delivery of booked cargo to airport / aircraft

23 (CC)
LATE ACCEPTANCE
Acceptance of cargo after deadline

24 (CI)
INADEQUATE PACKING
Repackaging and / or re-labelling of booked cargo

Flight List

The flight list shows all flights that are in memory. To protect you from losing too much data in case of database crash or mobile phone loss, the list is limited to 80 flights.

The Flight List is purged after each sync. All flights are removed from the Flight List except for ;

- future roster flights imported from your airline flight roster (**green backcolor**)
- incomplete flights (**red backcolor**) (unless Sync Incomplete Flights is selected on the Sync page)

Indicates the number of flight or simulator records in the Flight List

Background color codes :

White backcolor : flight record is logged complete

Red backcolor : flight record is saved logged incomplete

Green backcolor : flight is planned in the future

Blue backcolor : Selected record in the list

Create new flight or simulator record

Flight List		(17)	Menu
28 nov. 2012	JAF174p	17:00 - 17:45	[>]
EBOS-EBLG			
28 nov. 2012	JAF3457	18:45 - 21:30	[>]
EBLG-DTTJ			
28 nov. 2012	JAF3458	22:15 - 23:00	[>]
DTTJ-DTNH			
28 nov. 2012	JAF3458	23:50 - 02:30	[>]
DTNH-EBLG			
02 dec. 2012	JAF7567	05:05 - 07:50	[>]
EBBR-LEMG			
02 dec. 2012	JAF7568	08:45 - 11:35	[>]
LEMG-EBBR			
03 dec. 2012	JAF1357	05:10 - 07:30	[>]
EBBR-LEAL			
03 dec. 2012	JAF1358	08:25 - 11:00	[>]
LEAL-EBBR			

Bottom bar: Add | Return | 1 > 31 | Delete

Flight Number (mobile app does not log pairing)

Scheduled hours or actual hours, the latter is shown when logged.

Press button to view or edit record

Activates the **Delete mode**, allowing you to delete one or more flight records. Press the **Done** button when deleting is completed. (iPhone) You can also delete an individual flight record by sliding from left to right over the record.

Caution : the delete action is irreversible. Deleting flights from the mobile does not invoke the same flight to be deleted on the PC or other devices on the cloud list.

Creates a **return flight** as follows :

- duplicates date, aircraft tail and pilot names
- departure and arrival airfields are reversed
- the flight number is increased by 1 unit (e.g. KLM129 → KLM130, AF22K → AF22L)
- all flight hours are cleared
- the task is reversed (PF - PM)
- all other fields are cleared

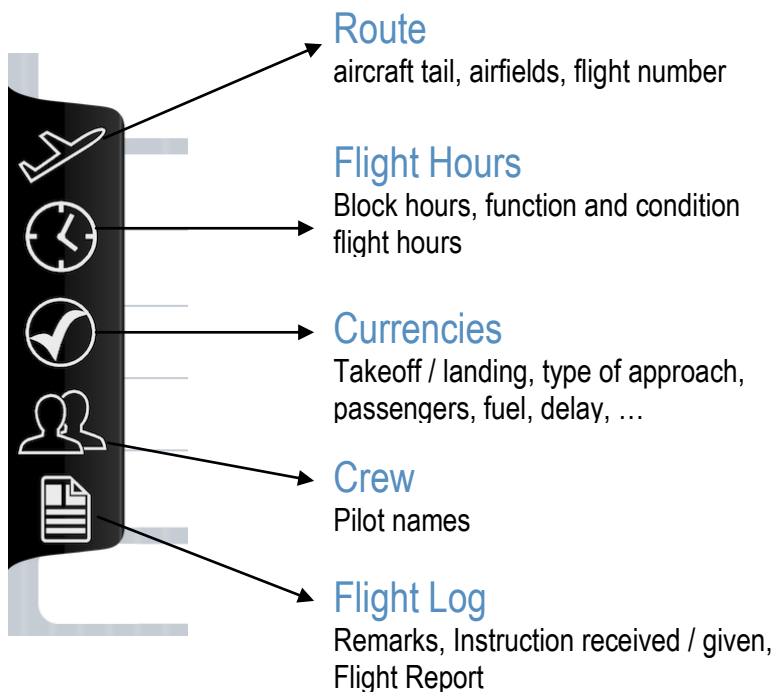
Sort Flight List :

- 1 > 31** first date on top
- 31 > 1** last date on top
- 31 < 1** last date on top, however multiple flights on same day are sorted ascending

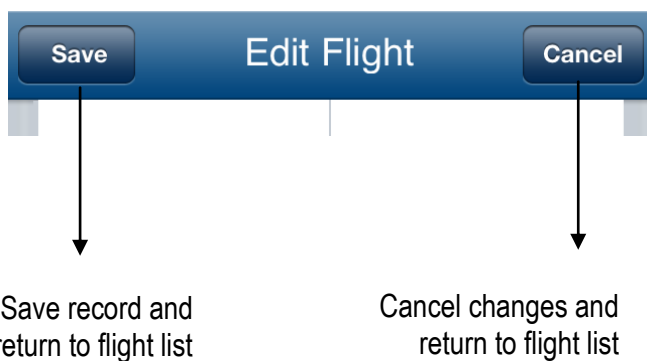
Add / Edit Flight

The **Flight Add / Edit** page is a long scrolling screen, divided in five different sections.

The **side menu bar** allows you to jump to the desired section. The bar slides out of view after 1 second or when you tap the screen. Tap any empty spot on the screen (e.g. grey background area) to bring the side menu bar back in view.



The top menu bar is fixed at all times.



Save Edit Flight Cancel

Route

Date **28 nov. 2012** Aircraft **OO-PAT**
woensdag B767-300

Departure **MKJS** Arrival **EPKT**
Sangster International Katowice International

Flight Number **AF304**

Flight Hours

Off Block	On Block	Total Time
12:00	22:30	10:30
08:00 local	19:30 local	

PIC PICus **10:30**

Co-Pilot Instructor

Dual Examiner

IFR **10:30** Night **3:22**

Act.Instr XC

Sim.Instr Relief

Currencies

Task **PF**

TO Day **1** Ldg Day

TO Night Ldg Night **1**

Approach Type **ILS**

Glider Launch **Circling**

ng Autoland

Lifts

De-Icing

52300 Delay **16**

48200 Pax **236**

Sign Box Sign Pen

Crew

PIC Pilot **PHT**

Hutsaut Piet

2nd Pilot **MRE**

self

3rd Pilot

BECK

4th Pilot

Flight Log

Remarks

Instruction

Line Check B767 - ETOPS

Report

Passenger lost passport, causing delay. Luggage was off-loaded.

Route



Except for the flight number, all fields on the Route section are mandatory. You can turn ON/OFF block hours from the Settings page.

Enter the date via keyboard input or press the loupe to pop-up the date selection roller. The weekday is colored **red** if the date is not today.

Enter the ICAO or IATA code via keyboard input or press the search icon to display the airfield list.

If the airfield is not found in the user database, the airfield is automatically copied from the airfield database into the user database. The new **airfield** is displayed **red**.

Route	
Date 28 nov. 2012 woensdag	Aircraft OO-PAT B767-300
Departure MKJS Sangster International	Arrival EPKT Katowice International
Flight Number	AF304

Enter (any part of) the aircraft tail via keyboard input or press the loupe to pop-up the aircraft selection roller. OO-JAM, OOJAM, JAM all find the OO-JAM from the database list.

If the aircraft is not listed in the database, just enter the new aircraft tail. The label **New Aircraft** is displayed.

The airline prefix from the Settings page is suggested here

Flight Hours



Enter the Off- and On-Block times in **four digits**, e.g. 0830 or 1900. If you do not log Block times, deselect the associated option on the Settings page.

Flight times must be entered as follows :

- if you log flight times in **decimals**, enter : 32 for 3.2 or 5 for 0.5
- if you log flight times in **hours and minutes**, enter : 312 for 3:12 or 25 for 0:25
- or just press the copy/paste icon to copy the total time into the associated field, or to clear a previous entry.

Pressing the **clipboard icon** will paste Total Time in the associated field, when this field is empty. When the symbol is pressed, while the field is not empty, the field is cleared.

There are 2 exceptions to this logic :

- **Relief Pilot** : pressing the clipboard icon calculates and pastes the remainder of the flight time in the Relief Pilot time field, that is Total Time - PIC - PICus - Co-Pilot - Dual time
- **Night** : pressing the clipboard icon re-calculates and pastes night time for given block hours

If you select UTC on the Settings page, the foot text displays **local time**. If you select Local Time, **UTC** is displayed.

Total Time is loaded automatically into one of the function fields, according to the Default Log settings for this particular aircraft (PC Tables - Aircraft)

Total Time is loaded automatically into one of the condition time fields, according to the Default Log settings for this particular aircraft (PC Tables - Aircraft)

Flight Hours

Off Block 12:00 <small>08:00 local</small>	On Block 22:30 <small>19:30 local</small>	Total Time 10:30
PIC	PICus	10:30
Co-Pilot	Instructor	
Dual	Examiner	
IFR	Night	3:22
Act.Instr	XC	
Sim.Instr	Relief	

Total Time is auto calculated after entering the Off Block and On Block hours.

(iPhone) Press the clock icon to retrieve Push-back and / or Block Hours from the Clock Memo page. Icon appears only if Clock times are logged.

Night time is calculated automatically, when the Off- and On-Block times are logged

XC = Cross-Country

4 additional **user time** fields can be defined on the PC Settings page and can then be used on the mobile app

Currencies



Manually enter a numeric value or press the icon to load fixed value "1" in the TO and LDG fields. Pressing the icon again, clears the field.

Same logic is valid for Holding, Lifts and Autoland fields.

Press icon to swap between PF (Pilot Flying) and PM (Pilot Monitoring).

When PF is selected, TO and LDG are loaded automatically.

When PM is selected, TO and LDG are cleared.

Press loupe to select up to 3 Approach Types or to clear previous entries.

One approach type can be loaded automatically, according to the Default Log settings for this particular aircraft (PC Tables - Aircraft)

Press loupe to select one of the 72 official IATA delay codes.

Press icon to display signature page. A cross is displayed when a signature is captured.

This field is active when the aircraft is class Glider or when new aircraft tail is entered.

2 additional **user text** fields can be defined on the PC Settings page and can then be used on the mobile app

Enter a numeric value here referring to the Printed Endorsement page from the PC logbook, or use the signature feature to capture the instructor's endorsement.

The **Signature** image is watermarked with the date of the flight. For multiple flight sectors on the same day, the instructor should sign once only.

Crew












There are six different ways to log the flight crew on your flight :

- enter a **part of the name** in the lower pane - the first pilot from the database matching your entry, is selected. If there is no match, your entry colors red and the flight cannot be saved.
- enter the unique **Employee ID** in the upper pane - if the pilot is found, the pilot name is displayed in the lower pane. If there is no match, your entry is discarded.
- press the **loupe icon** to display the entire pilot list and select the appropriate pilot from the list
- press the **Self icon** to populate the box with pilot 'Self' - pressing the "S" icon again, clear the pilot field
- press the **clipboard icon** to copy the entire crew from the previously logged flight
- (green future flights) pilot names are automatically loaded from the PC

If the pilot is not in the mobile user database, press the loupe to display the pilot list and continue further with the Add button.

Copy the entire crew of the previously logged flight to this page

Crew	
PIC Pilot 	PHT 
Hutsaut Piet 	
2nd Pilot	MRE 
self 	
3rd Pilot	
BECK	
4th Pilot	
	

Annotations:

- Enter unique ID in this box to find the pilot (points to PHT)
- Look-up the pilot from the Pilot List (points to MRE)
- Enter pilot 'Self' in this pilot field (points to self)

Flight Log



- Use the **Remarks** field for special markers
(e.g. "Raised Safety Report #236", "Return to gate", "Diversion to LAX")
- Use the **Instruction** field to log training given or training received
(e.g. "Line Training", "Recurrent Simulator 2012", "Proficiency Check")
- Use the **Report** field to store routine events on the flight, reason for additional fuel or delay, cabin crew names, unruly passenger, weather, etc
- For your printed logbook :
 - the **Remarks** field is always printed in the logbook
 - the **Instruction** field is not printed in the logbook, unless you select so
 - the **Report** field is never printed in the logbook

Flight Log

Remarks

Instruction

Line Check B767 - ETOPS

Report

Passenger lost pasport, causing delay. Luggage was off-loaded.

Flight Duty

The Flight Duty page shows the Total Block and Total Duty for the last series of flight sectors. This page serves a review page only, duty and rest times are not logged.

Sign-in and sign-out times are preset on the Settings page, but can still be modified on this page, e.g. in case there was a deadheading prior to the flight. Deadheading times logged on the Clock Memo page are not taken into account here.

Preset on the Settings page

Close

wednesday - september 2, 2012

Sign-In	-60	11:00	
Sign-Out	+20	17:20	

Press loupe to modify Sign-In / Out time

EGKK-LEPA	12:00-14:00	2:00
LEPA-EGKK	15:00-17:00	2:00

Total Block	Total Duty	
4:00	6:20	

From first flight Off-Block time till last flight On-Block time

From Sign-In till Sign-Out

Aircraft List

Indicates the number of aircraft in the mobile user database

Aircraft List		(40)	Menu
OO-TUB	B737-400	JAF	
OO-TUC	B767-300	JAF	
OO-TUI	B737-400	JAF	
OO-VAC	B737-800	JAF	
OO-VAS	B737-800	JAF	
PH-TFF	B737-800	JAF	
B-006	B767-300 (sim)	CAE	
B-011	B737-300 (sim)	SFA	
B-012	B737-500 (sim)	SEA	

Buttons: Add, > Tail, Delete All, Delete

Aircraft Tail

Company or aero club

Aircraft Model and Variant

(sim) simulator

Sort Aircraft List as per Aircraft Tail (registration number) or per Type of Aircraft

Deletes all Aircraft from the mobile user database
Does not invoke the same action in the PC database

Activates the **Delete mode**, allowing you to delete one or more aircraft from the mobile user database. Press the **Done** button when deleting is completed.
The aircraft remains stored in the PC database. The contrary is true for the PC, that is when you delete an aircraft on the PC, it will also be deleted from the mobile user database with the next sync.

[iPhone] You can also delete an individual aircraft by sliding from left to right over the record.

Pilot List

Indicates the number of pilots in the mobile user database

Press the alphabetical index to jump straight to the location in the list.

Pilot Name and Employee ID (bold)

Company or aero club

Go to Pilot Info page

Add new Pilot. New pilots are automatically added in PC database with first sync.

Sort Pilot List as per Pilot Name or Pilot Employee ID

Deletes all pilots from the mobile user database
Does not invoke same action in the PC database

Activates the **Delete mode**, allowing you to delete one or more pilots from the mobile user database. Press the **Done** button when deleting is completed. The pilot remains stored in the PC database. The contrary is true for the PC, that is when you delete a pilot on the PC, it will also be deleted from the mobile user database with the next sync.

[iPhone] You can also delete an individual pilot by sliding from left to right over the record.

Pilot List (196)		Menu
C		
Caillaud Laurence LCI CTC		[>]
Charlier Raphaël RCA JAF		[>]
Christensen Stein SCR CTC		[>]
Christiansen Paul PCI CTC		[>]
Claes Guido GCE JAF		[>]
Claeys Bram BCE JAF		[>]
	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #	
Add > Name Delete All Delete		

Add / Edit Pilot

Pilots can be created or edited via the PC program or via the mobile app. The unique Employee ID is used to merge one-and-the-same pilot created on both devices.


Pilot pictures are automatically synched with the PC program. This transfer is single-way only, from the mobile to the PC. Should you want to transfer your PC pictures to the mobile, use the mobile device synchronization software (e.g. iTunes for iPhone) to copy pilot pictures from the PC to the mobile. Next, press the Gallery icon to load the picture into the mccPILOTLOG app. See Q11 in Part III - FAQ.

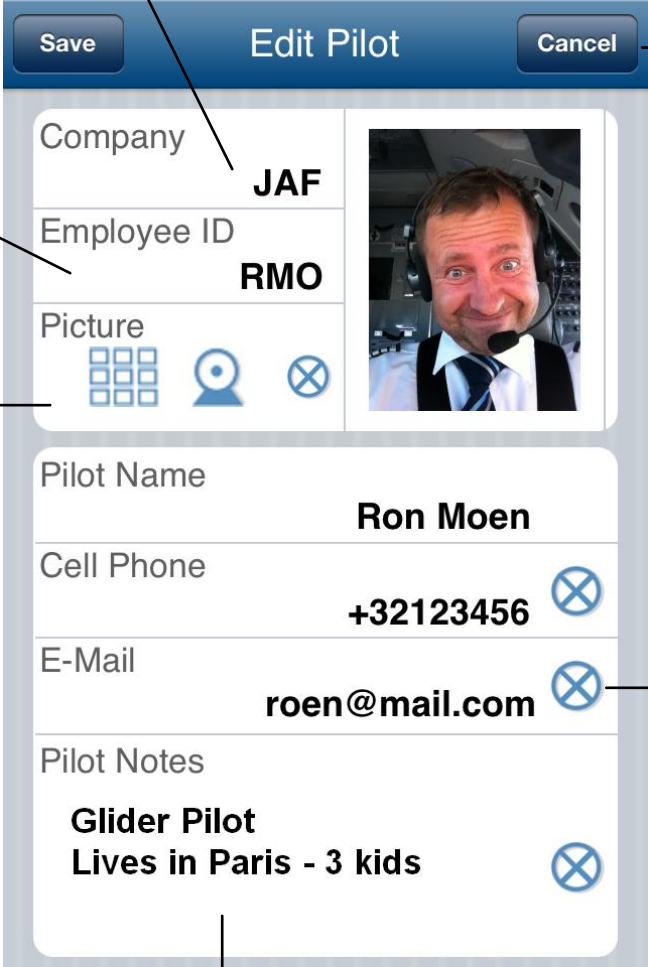
The airline prefix from the mobile Settings page is default suggested.

Employee ID maximum length is 6 characters: A-Z 0-9

 Select a picture from the mobile phone Picture Gallery

 Make a picture with the mobile camera. The picture is stored temporarily, until the Save button is pressed. A copy of the new picture is stored in the mobile picture gallery.

 Delete an existing picture. The Delete function is temporary and is only confirmed when the Save button is pressed.



Cancel entries or changes, including picture.

Press the Cross to delete the cell phone and E-Mail and Notes. The Delete function is temporary and is only confirmed when the Save button is pressed.

Free text entry up to 255 characters. Special characters, such as comma, tab and single and double quotation mark are refused, since these characters cause trouble with the XML sync and SQL database commands.

Pilot Info

The screenshot shows a mobile application window titled "Pilot Info". At the top left is an "Edit" button, and at the top right is a "Close" button. Below the title bar is a vertical grey bar containing the text "MRE - Andersen Martin". To the right of this bar is a photograph of a pilot in a white uniform. Below the photo is a black bar with three buttons: "SMS", "E-Mail", and "Call".

Annotations include:

- An arrow from the "Edit" button points to the text "Edit Pilot record".
- An arrow from the vertical bar points to the text "Pilot Employee ID and Name".
- An arrow from the photo points to the text "If picture is available, picture is displayed. If picture is not available, the pilot icon is displayed." Below this text is a blue outline icon of a person's head and shoulders.
- An arrow from the "SMS" button points to the text: "Send a SMS Text message to this pilot using the mobile texting soft. (do not text while your drive !) The 'SMS' button is disabled when the pilot's phone number field is empty."
- An arrow from the "E-Mail" button points to the text: "Start an email session to this pilot using the mobile e-mail app. The 'E-Mail' button is disabled when the pilot's e-mail address field is empty."
- An arrow from the "Call" button points to the text: "Make a phone call to the pilot using the mobile phone. Button is disabled when pilot's phone number field is empty or there is no phone function on the device."

Airfield List

Read Part I of this User Guide to understand how airfields are stored in the mobile app.

Display only airfields that meet search requirements
Search on IATA, ICAO and airfield name

Indicates the number of airfields in the mobile user database

Press the alphabetical index to jump straight to the location in the list

Go to Airfield Info page

Duplicate a new airfield from the 40,000 airfields database to the user database

Go to Navigation page

Sort Airfield List as per ICAO, or IATA identifier, or Country and Airfield Name

Activates the **Delete mode**, allowing you to delete one or more airfields from the mobile user database. Press the **Done** button when deleting is completed. All 40,000 airfields remain available from the mobile airfield database.

[iPhone] You can also delete an individual airfield by sliding from left to right over the record.

The screenshot shows the 'Airfield List' screen with a search bar at the top, a list of airfields, and a bottom navigation bar. The list includes entries like 'Pritina International - Kosovo' with ICAO code 'BKPR-PRN' and 'Djanet Tiska - Algeria' with ICAO code 'DAAJ-DJG'. A vertical alphabetical index is on the right side. The bottom bar has buttons for 'Add', 'Nav', '> ICAO', and 'Delete'.

Airfield Database Transfer

Read Part I of this User Guide to understand how airfields are stored in the mobile app !

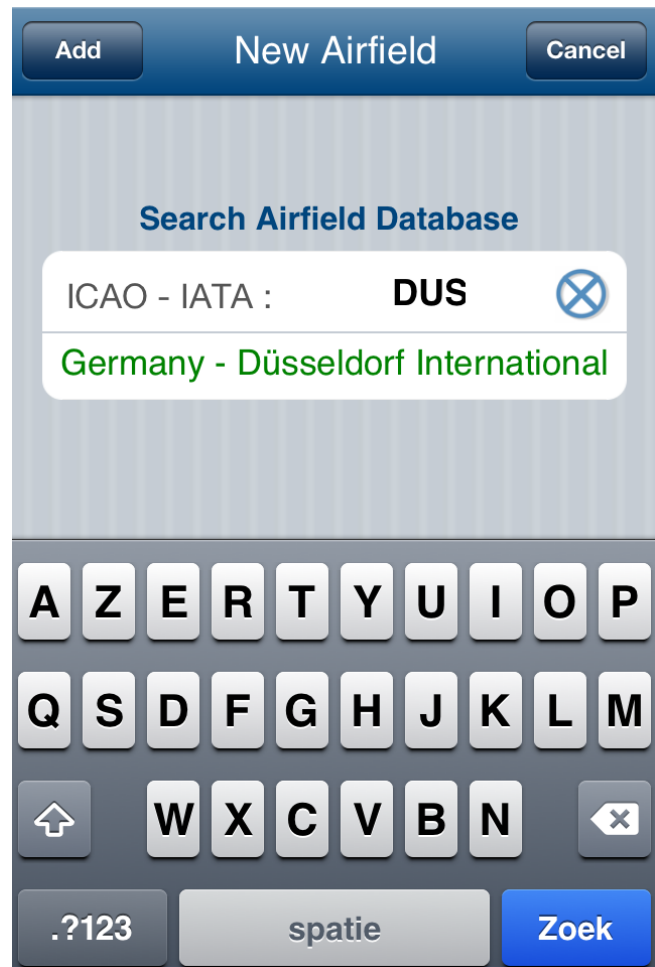
The Airfield DB page searches the 40,000 **airfield database** for any ICAO or IATA code. When your entry matches an airfield, the airfield (Country and Airfield Name) is displayed in the lower pane.

When you press the [Add] button in the left upper corner, the airfield is **copied / duplicated** from the **airfield database** into the **user database**. The transfer is one-way only.

The 40,000 **airfield database** is installed together with the application, however in the background.

You cannot view nor make any changes to the airfield database.


You can also add a single or many airfields to the mobile user database by synching airfields from PC to mobile. These airfields are loaded into the **user database** table, not into the airfield database.



Airfield Info

Time Zone, Local Time and Sunrise/Sunset calculations require airfield co-ordinates. More than 95% of all 40,000 airfields in the mccPILOTLOG airfield database come with geographic coordinates. You can add the latitude and longitude for the other airfields via the PC program.

The screenshot shows the 'Airfield Info' screen for Tenerife Sur Reina Sofia. The data is as follows:

Airfield	Tenerife Sur Reina Sofia		
Country	Spain (Canary Islands)		
ICAO	GCTS	IATA	TFS
Latitude	N 28° 02.7		
Longitude	W 016° 34.4		
Time Zone	UTC+1 DST		
Local Time	13:22		
Sunrise	07:45 UTC		
Sunset	18:12 UTC		

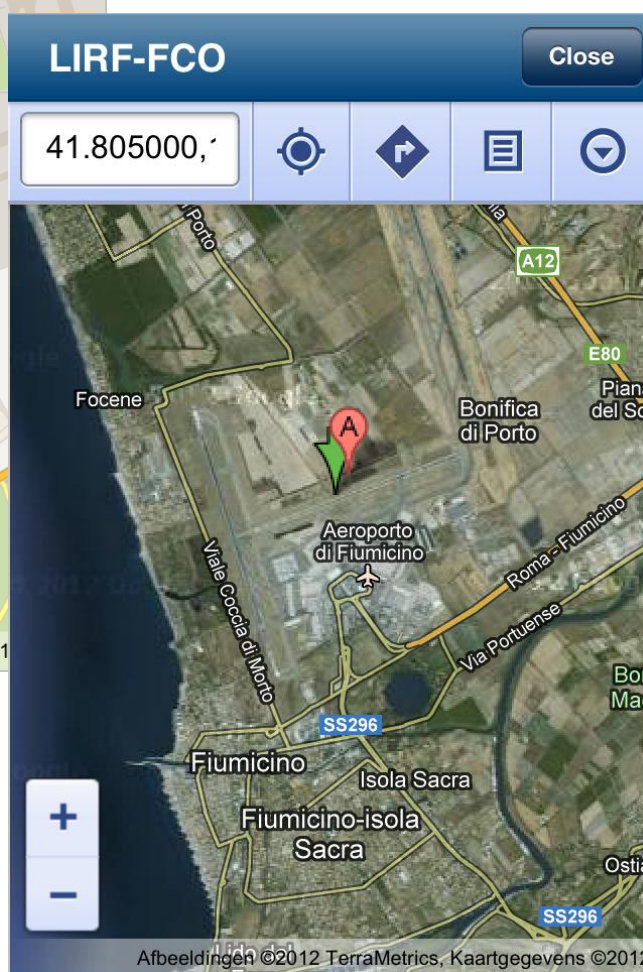
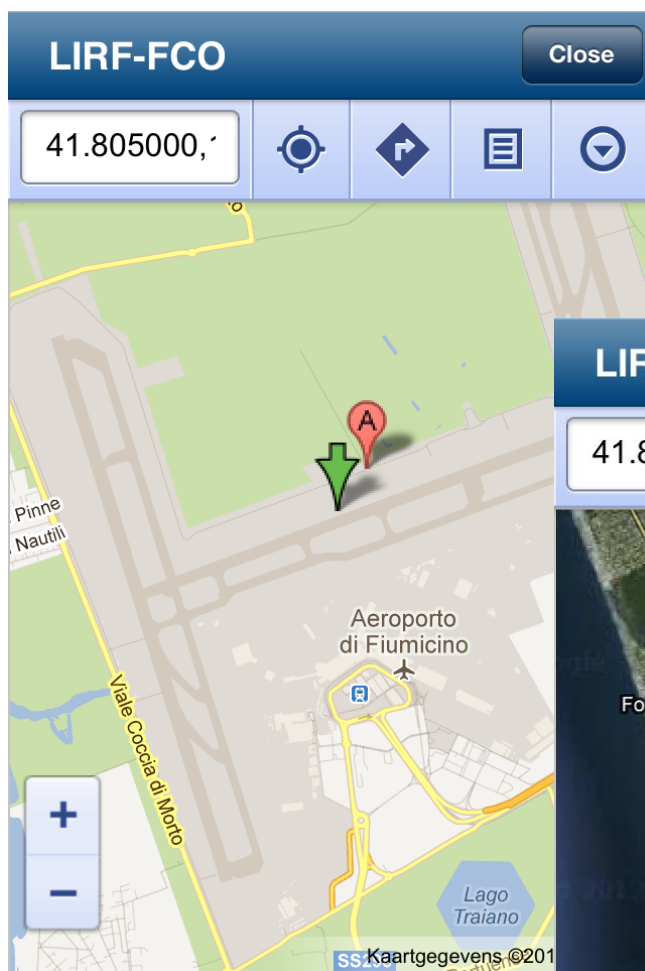
Annotations:

- An arrow points from the 'DST' text in the Time Zone field to the text: 'DST indicates Daylight Summer Time is active.'
- An arrow points from the information icon to the text: 'Press the icon to display the DST rule for this country or region.'
- An arrow points from the 'Notes' button to the text: 'go to Airfield Globe page'
- An arrow points from the 'Nav' button to the text: 'go to the Navigation page'
- An arrow points from the 'Google' button to the text: 'go to Airfield Google Maps/Earth page'
- An arrow points from the 'WX' button to the text: 'Download latest METAR and TAF for this airfield (if available)'

Airfield Google Maps / Earth

Look-up the airfield on Google™ Maps or Google Earth™.

This page requires on-line internet connection.



Airfield Globe Notes

The Airfield Globe page projects the airfield as a red dot on a series of 6 different fixed globe pictures.

The Notes field can be used to store free text up to 255 characters long. Special characters, such as comma, tab and single and double quotation mark are refused, since these characters cause trouble with the FTP sync. Changes to Notes are automatically synched with the PC database.



The screenshot shows a dark-themed interface for the airfield 'EHAM-AMS'. At the top left, the name 'EHAM-AMS' is displayed in white. To its right is a 'Close' button. Below the name, the location is listed: 'Amsterdam Schiphol', 'Netherlands', and coordinates 'N 52° 18.5 - E 004° 45.8'. A globe image shows a red dot over the Netherlands. Below the globe, the 'Notes:' field contains the text: 'ATIS 132.975 / 131.350', 'HF Shannon 00-05 / 50-55', and '(3413, 5505, 8957, 13264 kHz)'. At the bottom right of the interface are two circular icons: one with an 'X' and one with a right-pointing arrow. Arrows from external text point to these elements.

The caption of this button changes from "Close" into "Save" in case you have made changes to the Notes field.

Clear Notes field

Edit Notes field

Airfield Weather

The Airfield Weather page retrieves the METAR and TAF for the selected airfield, if available. The airfield box is automatically populated with the airfield from the previous page.

Note **The Airfield Weather function should never be used as an official source for flight planning !**

The screenshot shows the 'Airfield Weather' application interface. At the top, there is a 'Close' button. Below it is an 'Airfield' input field containing 'VTBS' and a magnifying glass icon. To the right of the input field is a weather icon showing a sun behind clouds. Below the input field, the airfield name 'Thailand - Suvarnabhumi Bangkok Int'l' is displayed in green. The main content area shows METAR and TAF reports for VTBS. At the bottom, there are two buttons: 'Refresh WX' and 'Save WX'. Annotations with arrows point to various parts of the interface, explaining their functionality.

Enter the airfield ICAO or IATA code or press the loupe to display the airfield list from the user database.

'Airfield not found' is displayed when the airfield is not in the user database. However you can still retrieve weather from internet, since this function doesn't require the airfield name, only the **ICAO** code.

While the scroll bar is not visible, you may still scroll this pane down to view a long TAF report.

The Refresh WX button is active when you are viewing a (possibly outdated) saved weather report and internet connection is restored.

Save this report as local file on the mobile, so that the report remains available for review when internet connection is lost, typically when you are in-flight.

Weather Reports

Note **Saved weather reports may contain outdated information !**

The screenshot shows a mobile application interface for weather reports. At the top, a blue header bar contains the text "Weather Reports (3)" and a "Menu" button. Below the header, there is a list of three weather reports, each with a bold station identifier and a timestamp: "DTMB-MIR" (04 dec. 2012 at 00:05), "VTBS-BKK" (16 dec. 2012 at 18:04), and "UDD-DME" (16 dec. 2012 at 18:04). To the right of each report is a blue circular button with a white right-pointing arrow. At the bottom of the screen, there is a blue bar with four buttons: "Add", "Update All", "Delete All", and "Delete".

Annotations with arrows point to various elements:

- An arrow points from the text "Date and mobile system time that report was saved." to the timestamp "04 dec. 2012 at 00:05" of the first report.
- An arrow points from the text "View saved WX report" to the right-pointing arrow button of the first report.
- An arrow points from the text "go to Airfield Weather page" to the "Add" button.
- An arrow points from the text "Update all weather report(s)." to the "Update All" button.
- An arrow points from the text "Delete all or the selected weather report(s)." to the "Delete All" button.
- Another arrow points from the text "Delete all or the selected weather report(s)." to the "Delete" button.

Navigation

The Navigation calculation function requires co-ordinates for both airfields. More than 95% of all 40,000 airfields in the mccPILOTLOG airfield database come with geographic coordinates. You can add the latitude and longitude for the other airfields via the PC program.

The screenshot shows the 'Navigation' application interface. At the top, there is a title bar with 'Navigation' and a 'Close' button. Below this, there are two input fields: 'From' and 'To'. The 'From' field is populated with 'EBBR' and 'Brussels National'. The 'To' field is populated with 'YSSY' and 'Sydney Kingsford Smith Int...'. Below these fields, there are two rows of results. The first row is for 'Great Circle' with distances of '9,032 NM' and '16,727 KM'. The second row is for 'Rhumb Line' with distances of '9,334 NM' and '17,287 KM'. Below these, there is a 'True Track' value of '123°'. At the bottom, there is a 'Calculate' button. Arrows point from text annotations to the 'From' field, the 'To' field, the 'True Track' value, and the 'Calculate' button.

The From airfield box is automatically populated with the last flight From airfield.

Enter the airfield ICAO or IATA code or press the loupe to display the airfield list from the user database.

True Track

Calculate

Enter both airfields in the upper pane and press the Calculate button to display all values.

Currency

The Currency page shows a static copy of the currency validation that have been created in the main PC program. The Currency page is updated with each new sync with the main PC program.

Red text indicates the validity date has expired, or the minimum number of takeoff, landing or flight hours was not achieved in the past time window. **Blue** text indicated the validity or currency is about to expire soon, within the user selected time window

Currencies	(7)	Menu
ICAO English Proficiency has expired 22 nov. 2012		
Medical License expires in 38 day(s) on 07 jan. 2013		
Flight License B737 is valid until 30 jan. 2013		
Flight License is valid until 22 mei 2013		
Flight License B767 is valid until 30 aug. 2013		
Instructor Rating B737 (letter from head of training) is valid until 29 apr. 2014		
Passport (moet 6 mnd geldig zijn) is valid until 04 nov. 2014		
Delete all		
Delete		

Note :

Deleting a record from the Currency page on the app does not delete any rules from the PC. As a result, the record will re-appear when you sync with mccCloud.

Grand Total

Aircraft	Simulator
14024:41	843:00

Function

PIC	PICus
9637:46	10:45
Co-Pilot	Instructor
4154:34	1036:50
Dual	Examiner
153:37	11:34

Flight Condition

IFR	Night
13764:02	3282:37
Act.Instr	XC
Sim.Instr	Relief

Aircraft Class

Light	Rotor
Glider	Aeroplane
	14024:41
Balloon	(new)

Engine Power

Unpowered	(new)
SE-Piston	ME-Piston
214:32	60:00
SE-Turboprop	ME-Turboprop
	40:22
SE-Turbofan	ME-Turbofan
	13709:47

Currencies

TO Day	Ldg Day
214	369
TO Night	Ldg Night
102	118
Holding	Autoland
	20

Flight Totals

Today, **mccPILOTLOG for mobile** does not store flights from the past. However, your total experience values are displayed on this screen for onboard quick reference.

Values are updated with the PC after each sync.

Aircraft Grand Total time does or does not include **Relief Pilot** time, according to your settings on the PC Settings page "Deduct Relief from Total Time".

(new) indicates time logged on a newly entered **aircraft tail**. Since the mobile app doesn't know the aircraft Class or Engine Power, the value is temporarily stored in the (new) pane.

The PC program will attribute default aircraft properties to this new aircraft on the first sync, causing temporary values to move to the proper Class and Power pane. Verify the aircraft properties on the PC, the properties may not be what you had in mind, causing incorrect total values on the PC and on the mobile app.

Settings

As a reminder, selections on the mobile Settings page are stored locally and are not transferred to the PC. Settings may go lost when you re-install or update the mobile app to a new version.

The PC application overrides all local mobile Settings. For instance, if you select “I log hours in decimals” on the mobile, but you have selected a contrary setting on the PC, the PC setting prevails and all flight times on the PC are expressed as HH:MM. In fact, this option is not really important, because you can swap from Decimals Hours to Hours-Minutes at anytime.

However, when you de-select “I log Departure and Arrival field” on the mobile, and the opposite is true on the PC, the PC will let you know that Departure and Arrival field data are incomplete when the flight is transferred from the mobile to the PC. You will then need to edit the missing data.

Therefore, to avoid trouble, **keep all settings on the mobile consistent with settings on the PC.**

The screenshot shows the mobile Settings page with the following settings and annotations:

Setting	Value	Annotation
Company Prefix	JAF	Max length 15 characters. Used for flight number and for Pilot Company.
Night SS+/SR- (min)	30	Used to calculate Night Flight Time, starting x min after sunset till x min prior to sunrise.
Sign-In (min -)	60	Enter positive numeric value. Used for Duty Review page
Sign-Out (min +)	20	
Airfield Identifier	ICAO	
I log Off-/On-Block Hours	On	
I log Off-/On-Block hours in UTC	On	
I log Departure and Arrival airfield	On	
I log flight times in decimals	Off	
Auto Backup 8 days	Off	Prompt reminder every 8 days to make a new back-up
Sync ID	LCEBZLCPZQPQ-2J	Enter the unique Sync ID as listed on the main PC Settings page
Backup Now	Button	Upload a copy of the mobile user database to mccCloud

Sync Data with PC

Read Part I of the user guide to better understand the synchronization data flow. Refer to Part III of the user guide for trouble shooting.

The screenshot shows the 'Sync Data with PC' app interface. The title bar at the top is blue with the text 'Sync Data with PC' and a 'Menu' button on the right. The main content area is a table with four rows:

Sync ID	LCEBZLCPZQPQ-2J
Network	Sync Incomplete Flights <input checked="" type="checkbox"/> Wi-Fi
Sync Status	SYNC COMPLETED
Sync Log	Connecting to mccCloud... Searching files on mccCloud Found 1 XML file on mccCloud Downloading File 1

At the bottom of the screen, there are two buttons: 'Synchronize' and 'Mail Sync Log'.

Annotations with arrows point to various elements:

- 'Internet connection status' points to the 'Wi-Fi' text in the Network row.
- 'Sync data with mccCloud' points to the 'Synchronize' button.
- 'The unique Sync ID is created on the Settings page of the main PC program. Insert the Sync ID for this mobile device on the app Settings page.' points to the Sync ID 'LCEBZLCPZQPQ-2J'.
- 'Read important instructions in Part I chapter "Airline Interface"' points to the 'Sync Incomplete Flights' toggle switch.
- 'E-Mail the Sync Log to the Help Desk. Use only on request of the Help Desk.' points to the 'Mail Sync Log' button.



Part III

FAQ & Troubleshooting

FAQ - Frequently Asked Questions

General

- Q1 Why do I have to upgrade from PRO to ENT Edition to sync my mobile ?
- Q2 Why is the mobile user database limited to 80 flights ?

Database

- Q3 Why is night time on the mobile different from night time calculated by the PC ?
- Q4 All records are deleted when I re-open the app ?
- Q5 What are "sync future flights" and "sync incomplete flights" ?
- Q6 Why are flights removed from the Flight list when the mobile is synched ?
- Q8 How can I transfer "pilots Long Haul only" from the PC to the mobile ?
- Q10 I delete a record on the mobile, but this record is not deleted on the PC ?
- Q13 How can I avoid those validation messages when I save a flight on the mobile ?
- Q14 Airfields, aircraft or pilots are displayed as numbers or blanc... ?
- Q16 Task PM / PF are modified when transferred to the PC ?

Sync

- Q7 Flights from the PC are not synched back to the mobile app Logbook page ?
- Q9 Sync is working, but my flights are not transferred from the mobile to the PC ?
- Q11 I cannot sync ?
- Q12 Can I synchronize pilot pictures from the PC to the mobile ?
- Q15 Some flights from the mobile disappear after transfer to PC ?

Calendar

- Q17 Calendar appointments are not synched to my mobile app Calendar ?

Q1 - Why do I have to upgrade from PRO to ENT Edition to sync my mobile ?

The cost price to develop, support and update mobile applications is substantial, we are talking about thousands of dollars. Other vendors charge a contribution prior to downloading the mobile application from iTunes or Google Play.

We believe that you must be able to first view and evaluate the application prior to paying for the software. That's why we charge only when you actually start using the software, that is when syncing with the main PC application.

Furthermore, the ENT Edition includes unlimited internet server back-up service, while other logbook software vendors charge an additional annual fee for this kind of service.

Q2 - Why is the mobile user database limited to 80 flights ?

The only reason we limit the database to 80 flights (that's about 1 or 2 months for a professional airline pilot) is to protect yourself against losing data ! We frequently receive emergency calls from pilots that lost their mobile, or where the software got corrupted. We highly recommend to sync the mobile at least once a week, to avoid data loss and disappointment. We also recommend to use the free mobile back-up function.

Q3 - Why is night time on the mobile different from night time calculated by the PC ?

The PC and the mobile are using the same complex mathematical formulas to calculate sunrise/sunset and night time. Nevertheless, calculations may be different for the following reasons :

- the PC is able to calculate night time for any date in the past or in the future, while the mobile app is always using today's date as reference for night time calculations. So, make sure you compare the same dates.
- make sure the Sunrise/Sunset shift is set to the same value (Settings page)
- minor differences up to 2 x 1 minute inherent to processor rounding

Q4 - All records are deleted when I re-open the app ?

Android and Windows Phone users must **use the CLOSE button** (or back-arrow key on the phone) on the Main Menu page to close the app. If you close the app by pressing the Home key, the app does not really close and remains running in the background (*). A database timeout occurs when the app is launched again and all tables appear empty. If such is the case, close the app with the CLOSE button. Records will now re-appear.

(*) this is valid for all Android and Windows Phone apps, causing additional battery consumption

Q5 - What are "sync future flights" and "sync incomplete flights" ?

Future flights are planned flights that are in your PC database. These flights are imported from your airline crew schedule. The flights can be ported to the mobile, so that you can complete the missing data (e.g. aircraft tail number) onboard the aircraft. Future flights have a green background color. After completing the flights, they are synched back to the PC.

Future flights are automatically synched from the PC to the mobile, if you have selected that function on the PC Settings - Sync page.

This may not work the first time, depending on how was engaged first (the airline interface or the mobile). In that case, you can force it by selecting the "Future flights" from the PC Sync - Reset Database function (select the checkbox and resync immediately)

Data Flow - Type A and C apply to this – refer to Part I of this User Guide

Sync incomplete flights is something else. This is when you use the mobile to log only a small portion of the flight record, e.g. only the crew names or only the aircraft tail, but no flight hours or no airfields. The flight is logged incomplete, so it will not sync to the PC, before all details are logged. Incomplete flights have a red background color on the mobile.

Depending on the airline interface you are using, you may actually not want to log the missing part, because that part comes from your airline interface. That is when you would use the "sync incomplete flights" option. With this option selected, a number of Validation Warnings are disabled when you save the flight, and the flights are transferred from the mobile to the PC although part of the flight data is missing.

Data Flow - Type B explains this scenario – refer to Part I of this User Guide

Q6 – Why are flights removed from the Flight list when the mobile is synched ?

Flights logged on the mobile are first sent to the PC and then sent back to the mobile and other devices. Read more about the complex data management logic in Part I of this User Guide "Synchronizing the mobile with the PC" - *Data Transfer*.

Q7 – Flights from the PC are not synched back to the mobile app Logbook page ?

Make sure you have selected the "Sync Achieved Flights" checkbox on the PC Settings – Mobile Sync page.

The first time, you may need to use the Reset Database function on the PC – Sync page.

The PC will only sent complete flights. Flights with a green backcolor are not synched to the mobile app Logbook. These flights must first be completed.

Q8 - How can I transfer “pilots Long Haul only” from the PC to the mobile ?

You will have to create a separate airline company for this, such as “KLM LH” and “KLM MH” or “Air France B777” and “Air France Europe”. Creating different airlines for pilots has no impact on your personal career, since career information is taken from aircraft you fly.

Reports G003 and G004 are using Aircraft company information. Would you apply the same technique to aircraft, you will get an extra company on these reports.

Q9 - Sync is working, but my flights are not transferred from the mobile to the PC ?

Future flights (green backcolor) are not synched from the mobile to the PC. Incomplete flights (red backcolor) are not synched either, unless you select the “Sync Incomplete Flights” button on the Sync page.

Q10 - I delete a record on the mobile, but this record is not deleted on the PC ?

The PC and mobile behave like master and slave. Deleting a flight / pilot / aircraft record on the PC will delete the same record from the mobile with the next sync. The opposite is not true.

Q11 – I cannot sync ?

Sync issues occur on some networks, especially when using 3G connection. Turn off the following devices one-by-one :

- 3G (try VPN connection)
- the antivirus
- the firewall
- the router

As soon as you find the culprit, you can add our app to the device trusted list. If the above solutions do not work, try again from another wifi location, such at your friend's house.

Q12 - Can I synchronize pilot pictures from the PC to the mobile ?

We are not allowing pilot pictures to be transferred from the PC to the mobile, because picture dimensions usually do not fit on the mobile screen and because these files usually are too large.

There is a workaround though as follows :

- make sure picture dimensions fit and the file is less than 0.5 MB
- transfer the pictures from the PC to the mobile picture gallery via your default sync software, such as iTunes for iPhone.
- from mccPILOTLOG on the mobile, select the picture from the gallery
- this picture will be synched from the mobile to the PC, so it will also couple with the pilot in the PC database.

Q13 - How can I avoid those validation messages when I save a flight on the mobile ?

When the flight is saved, your entries are verified for consistency and missing data. Some messages are suppressed by selecting the "Sync Incomplete Flights" button on the Sync page.

Q14 - Airfields, aircraft or pilots are displayed as numbers or blanc... ?

To speed-up the synchronization process, records (such as flights, pilots, aircraft and airfields) are transferred only once from the PC database to the mobile. In case a record did not reach the mobile user database (e.g. sync communication was broken or you have pressed the Restore checkbox) or you have deleted the record from the mobile user database, the mobile user database is no longer consistent. The only thing you need to do, is to flag the missing record for a Re-Sync. You do this on the Tables page.

e.g. Your flight from **JFK to FRA** is displayed as **JFK to 8876** or **JFK to (blanc)**

- go to the Tables - Airfield page on the PC
- select Frankfurt from the list
- press the Re-Sync icon
- go to the Mobile page and sync with the mobile

If this is the case for multiple pilots, airfields or aircraft, use the Reset Database function from the PC Sync page to flag bulk records for re-sync, such as "Re-sync X airfields where I have been before".

Q15 - Some flights from the mobile disappear after transfer to PC ?

When you use the mobile in combination with an airline interface on the PC, flights performed on the same calendar day and the same flight route (A to B or A to A) are merged into a single flight.

This merge thing is used to update planned flights with actual flight times, but it may also cause flights to get lost, namely when you fly the same route (e.g. BRU-LHR or a local flight) multiple times on the same day.

There are two solutions :

- if you do not use the airline interface, set the "Airline Interface" to blank on the PC Settings page. Flights on the same day are no longer merged.
- if you do use the airline interface, merging is active. As explained on page 14 of this guide "Data Flow A or B", you must log the flight number when you perform the same flight twice or more on the same day. For training or recreational flights without flight number, you can enter any dummy. e.g. for parachute dropping or glider flights, you can enter "LOC1", "LOC2", or "G1" and "G2" and so on...

There is no need to log flight numbers all the times ! You only have to enter a (dummy) flight number when you fly the same route on the same day.

Q16 - Task PM / PF are modified when transferred to the PC ?

To preserve task registration from the mobile, you need to select 'Task PF/PM as logged on the mobile' on the Settings - Flight Logging page on the PC.

Q17 – Calendar appointments are not synched to my mobile app Calendar ?

Read the “Export to Calendar app” chapter in this user guide to understand the logic and how to reset or force a new export.

Typically for Android : mccPILOTLOG does not export to Google, but to Android OS

Typically for iOS : you may have to add mccPILOTLOG to the trusted list, as follows

Go to iOS Settings → Privacy → Calendar → add mccPILOTLOG

