User Guide

Brimpton EGLP for Android

PPR requests, movement bookings, airfield status and weather for Brimpton Airfield, on your Android phone.

App version 1.3 (build 7)

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Android 8.0 (Oreo) or later

Brimpton Airfield · EGLP

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> **PPR is always required**
>
> Brimpton operates inside Restricted Area R101. A PPR is essential every time, and the airfield must be activated before any operation. All circuits are to the **North**, and there are **no overhead joins**. Nothing in this app changes those rules — it only makes them quicker to comply with.

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1 Before you start

The Brimpton EGLP app puts the airfield's PPR and movement paperwork on your phone. Everything you submit goes to the same system the club website uses, so a request made in the app is seen by the airfield exactly as a website request would be — it is simply tagged as having come from the Android app.

What you need

- **An Android phone or tablet running Android 8.0 (Oreo) or later.** The app is built for Android 16 and works on anything from Oreo upwards.
- **A data connection.** Status, PPR, movements and weather are all read live from the airfield's systems; there is no offline mode.
- **Nothing else.** The public parts of the app — airfield status, PPR requests, PPR status, booking in and out, and weather — need no account and no login.

What needs a member account

Two things ask you to log in with your **Brimpton website** username and password:

- **AWE Inform** — reporting that the airfield has been activated. This tab is hidden unless your account has AWE permission.
- **Older movements.** Without a login, the movement log shows today only.

You do not need an account to file a PPR or to book in and out. If you have no website login, everything in sections 3 to 7 still works.

Installing

Install from Google Play in the normal way, or from the test link the airfield sends you. Updates arrive through Play; the version you are running is shown at the bottom of the **Info** tab.

2 Finding your way around

The app is a row of tabs along the bottom of the screen. Tap a tab to go to it; there is nothing else to learn.

Tab	What it does
Airfield	Runway, taxiway and circuit status, today's AWE activation, and the airfield's contact details.
PPR Request	The form for requesting prior permission to land.
PPR Status	The list of recent PPR requests and whether they have been approved.
Book In/Out	The movement log, and the two buttons for booking yourself in or out.
AWE Inform	Reporting that Brimpton has been activated. Members with AWE permission only.
Weather	The club's live weather page.
Info	Feature list, App Settings, My Details and Login.

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The tab row **scrolls sideways**. If you cannot see the tab you want, swipe along the row. More tabs are coming in later releases, which is why it scrolls rather than squeezing everything in.

Most screens have a **refresh** button in the top right. The app loads fresh data when you open a tab, but tap refresh if you have been sitting on a screen for a while.

> **Tabs appear and disappear**
>
> **AWE Inform** is only in the row while you are logged in with an account that has AWE permission. If you log out — or your session expires while you are on it — the tab goes away and the app returns you to **Airfield**. That is expected behaviour, not a crash.

3 Airfield — status at a glance

This is the screen the app opens on, and for most visits it is the only one you need. It answers one question: can I come to Brimpton today?

Airfield Status

Four rows, read live from the airfield's system:

- **Runway** — the published runway condition.
- **Taxiway** — the published taxiway condition.
- **Circuits** — whether circuits are available.
- **Unofficial Runway in Use** — the favoured runway, read from the club's weather page. It appears only when the app can find it.

> **“Unofficial” means exactly that**
>
> The runway in use is scraped from the club weather page as a convenience. It is not an ATC clearance and not a controlled source. Confirm the runway on the radio before you commit.

Brimpton AWE Activation Status

Brimpton must be activated before anyone operates. This section tells you whether that has happened:

What you see	What it means
Brimpton Active – PPR still required, with today's date and who activated it	The airfield is live today. You still need a PPR.
Brimpton not active today, with a “Last activated” date	Nobody has activated today. The date shown is the most recent activation, which is in the past.
AWE not yet activated today	The system holds no activation at all. Treat it as not active.

A green tick means active; an amber or red warning triangle means not active. When the airfield is active and the system holds a flying status, that is shown too.

Quick Info

Tappable shortcuts at the bottom of the screen:

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Row	What tapping it does
Windsock Camera	Opens the live windsock camera in your browser.
Payment System	Opens the airfield's payment site in your browser.
Airfield Plate	Opens the current airfield plate PDF.
Frequency	Shows the airfield frequency — 135.130 MHz. Not tappable.
Tel	Opens your dialler with the clubhouse number, 0118 324 6888.
Email	Starts an email to brimpton.radio@brimpton-airfield.co.uk.

4 PPR Request — asking permission to land

The PPR form is the heart of the app. Fill it in, submit it, and your request lands in the airfield's PPR system where the duty team can approve it.

> **Save yourself the typing**
>
> Fill in **Info › My Details** once and the app pre-fills your name, aircraft registration, aircraft type, email, phone, membership number and preferred payment method into this form every time. See section 8.

Filling in the form

1. Choose how you would like to be **answered** — the PPR Response Requested section at the top.
2. Set your **arrival date and time**, and the airfield you are coming from.
3. Set **persons on board** with the plus and minus buttons.
4. Check the **aircraft** and **pilot** details that have been pre-filled, and complete anything blank.
5. Choose your **intended payment method**.
6. Read the **approach requirements** and tick the box to accept them.
7. Tap **Submit PPR Request**.

The submit button stays greyed out until everything mandatory is complete. If you cannot tap it, something above is still missing — most often the approach requirements tick box at the bottom.

Every field, explained

Field	What to enter
Response type	How you want the airfield to come back to you. Choose from **Approve via app**, **Approve via web**, **Approve via phone**, **Request cancel PPR** or **PPR request via member**. Defaults to **Approve via app**.
Arrival Date	The date you expect to arrive. Defaults to today.
Estimated Arrival Time	Half-hourly slots from **08:00** to **19:00**, matching the website dropdown. Defaults to 10:00.
Departure Airfield *	Where you are flying from, as an ICAO code where there is one — for example **EGBJ**. Sent in capitals.

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Field	What to enter
Persons on Board	Everyone on board including you, from 1 to 10. Set with the plus and minus buttons; **defaults to 1**, so change it if you are not alone. This field is not pre-filled from My Details.
Aircraft Registration *	For example **G-ABCD**. Sent in capitals. Pre-filled from My Details.
Aircraft Type *	For example **C172**. Pre-filled from My Details.
Pilot Name *	The pilot in command. Pre-filled from My Details.
Contact Email *	Where an approval or a query can reach you. Pre-filled from My Details.
Contact Number *	A number the airfield can call on the day. Pre-filled from My Details.
Membership Number	Optional. Pre-filled from My Details if you have saved one.
Intended Payment Method	**Via Website**, **Cash Payment**, **Club Member** or **Credit/Debit Card**. Defaults to Via Website, or to whatever you saved in My Details.
Approach requirements *	You must tick **"I understand: All Circuits to the North and NO overhead joins"**. The form will not submit without it.

* Mandatory — the Submit button stays disabled until all of these are done. Date, time and persons on board always have a value, so they are never blank, but do check them.

After you submit

A **PPR Submitted** message confirms the request, and may quote a reference number for it. Tap **OK** and the form clears the flight details — date, time, departure airfield, persons on board — while keeping your pilot and aircraft details, so a second request for another aircraft or another day takes seconds.

If it fails, a **Submission Failed** message explains why. Nothing has been sent, and your entries are still on screen; fix the problem and submit again. See section 13.

> **Submitting is a request, not an approval**
>
> A submitted PPR is not permission to fly to Brimpton. Watch **PPR Status**, or wait for the response you asked for, and check that the airfield is active before you set off.

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5 PPR Status — checking your request

A live list of recent PPR requests, newest first, with the airfield's decision on each one.

Reading an entry

Each row carries, from the top:

- the **aircraft registration** and **type**;
- a small **source chip** on the right showing where the request came from — **Web**, **iOS App**, **Android** or **Telephone**;
- the **pilot's name**, and the **arrival date and ETA**;
- the **Management Approval** badge.

The approval badge

Badge	What it means
Approved (green, with a tick)	Permission granted. Check the airfield is active, and come.
Pending (amber)	Seen but not yet decided. Wait, or phone if your slot is close.
Cancelled, **Declined** or **Not authorised** (red)	Not approved. Do not fly to Brimpton on this request.
Anything else, or a dash	No decision recorded yet. Treat it as pending.

Finding your own request

Type a registration into the search box at the top and tap search — the list narrows to that aircraft. Clear the box to get the full list back. If nothing matches, the list says **No PPR entries found**; check the registration, and remember a request submitted moments ago may take a short while to appear.

> **This list is public**
>
> PPR Status shows requests from everyone, not just yours, exactly as the club website does. Treat it as a shared operational list.

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6 Book In/Out — the movement log

The movement log records arrivals and departures. The two buttons at the top of the screen are how you add yourself to it.

Booking in or out

1. Tap **Book In** if you have arrived, or **Book Out** if you are leaving.
2. Check the **date**, and the **time** — which the app sets to the slot nearest to now.
3. Check the **registration** and **type**, pre-filled from My Details.
4. Fill in the one place field: **From** when booking in, **To** when booking out.
5. Set **persons on board**, and check your name and email.
6. Tap **Submit Book In** or **Submit Book Out**.

> **One direction, one place field**
>
> Booking in asks only where you came **From**. Booking out asks only where you are going **To**. The app clears the field that does not apply, so a leftover value from an earlier booking can never be sent by mistake.

The movement form in detail

Field	What to enter
Date	Defaults to today.
Time *	Six-minute (tenth-of-an-hour) slots from **08:00** to **22:00**. The app pre-selects the slot closest to the current time, so most of the time you can leave it alone.
Registration *	For example **G-ABCD**. Sent in capitals. Pre-filled from My Details.
Type *	For example **C172**. Pre-filled from My Details.
From / To	**From** appears when booking in, **To** when booking out — the other airfield, as an ICAO code where there is one. Sent in capitals.
Persons on board	Chosen from 1 to 10. Defaults to 1.
Name	The pilot. Pre-filled from My Details.
Email	Pre-filled from My Details.

* Mandatory — registration, type and time. The Submit button stays disabled until all three are filled.

Reading the log

Each row shows the registration and type, a source chip (**Web**, **iOS App**, **Android** or **Telephone** — older entries have none recorded and show nothing), an **IN** or **OUT** badge, and the pilot with the date and time. As on PPR Status, the search box filters by registration.

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> **Why you may only see today**
>
> Without a login the server returns **today's movements only**, and the screen says so under the heading. Log in through **Info › Login** to see earlier movements. Booking in and out needs no login either way.

7 Weather

The club's own weather page, shown inside the app so you do not have to go looking for it in a browser.

The page **refreshes itself every 30 seconds** — the interval is shown just under the title — and there is a refresh button in the top right if you want it sooner. A thin progress bar across the top means it is loading.

Because this is the live club page rather than something the app draws itself, it looks and behaves exactly as it does on the website, and it needs a data connection. If it comes up blank, check your signal and tap refresh.

> **Not an aviation forecast**
>
> The club weather page reports conditions at the airfield. It is not a substitute for a proper pre-flight weather briefing.

8 My Details — saving your usual answers

Found at **Info › My Details**. Fill it in once and the PPR and movement forms arrive pre-filled from then on. This is the single biggest time-saver in the app.

Field	What to enter
Full Name	The pilot name used on both forms.
Aircraft Registration	Your usual aircraft, for example G-ABCD.
Aircraft Type	For example C172.
Email	Used as the contact email on PPRs and movements.
Phone Number	Used as the contact number on PPRs.
Membership Number	Optional, for club members.
Preferred Payment Method	Pre-selects the payment method on the PPR form.

Tap **Save Details** when you have finished.

> **These details stay on your phone**
>
> My Details is stored on this device only. It is never uploaded, and the airfield never sees it — except where it has been copied into a PPR or movement form that you then submit. Changing phones means filling it in again.

You can still change anything the form pre-fills before you submit it. Editing a PPR form does not change your saved details.

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9 App Settings

At **Info › App Settings**. One setting: **Menu size**, which sets how big the bottom tab row is — **Small**, **Medium** or **Large**. Medium is the default. Large makes the icons and labels easier to hit, which is worth knowing if you use the app with gloves on or in bright sunlight.

10 Logging in as a member

Logging in is optional. It unlocks AWE Inform (if your account is authorised for it) and lets the movement log show more than today.

How to log in

1. Go to the **Info** tab and tap **Login**.
2. Enter your **Brimpton website** username and password — the same ones you use on brimpton-airfield.co.uk. This is not a separate app account.
3. Tap **Log In**.

Once you are in, the Login screen shows who you are signed in as, and an **Access** list of what your account can do:

Access	What it unlocks
Member login	Granted to any account that can log in. Lets the movement log show earlier days.
AWE activation	Adds the **AWE Inform** tab. See section 12.
PPR administration	Recorded on your account, but the admin screens are coming in a later release.

A tick means granted, and permissions are set on your **website account**, not in the app — if something is missing that you expect to have, contact the airfield.

Staying logged in, and logging out

The app remembers your login between sessions, so you do not have to sign in each time you open it. Sessions do expire. When one does, member tabs disappear and the app returns you to Airfield; log in again from **Info › Login**. If your session expires while you are actually on the AWE screen, the login form appears there so you can sign straight back in.

To log out, go to **Info › Login** and tap **Log out**. There is also a Log out button on the AWE Inform screen.

> **Where your login is kept**
>
> Your password is never stored on the phone. The app keeps only the access token the server issues, in private app storage that is **excluded from Android backup and from device-to-device transfer** — so your login cannot be carried to another phone in a backup. Uninstalling the app removes it. Logging out removes it immediately.

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11 Forgotten username or password

Both are handled in the app, from the **Info › Login** screen, and both work on your Brimpton website account.

Forgotten your username

1. On the Login screen tap **Forgotten your username?**
2. Enter the **email address on your membership record** — it must be that address, not another one you use.
3. Tap **Email My Username**. Your username is emailed to you.

Forgotten your password

1. On the Login screen tap **Forgotten your password?**
2. Enter your **username or email** and tap **Email Reset Code**. A **six-digit code** is emailed to you.
3. Enter that code, then your **new password** twice. It must be at least **eight characters**, and the app tells you if the two do not match.
4. Tap **Set New Password**.

If the code does not arrive, tap **Send a new code** and check your spam folder. Your new password works on the **Brimpton website as well as in the app** — it is one account, so this changes your website login too.

> **Still stuck?**
>
> If neither route gets you in — for example the email on your membership record is out of date — contact the airfield at **brimpton.radio@brimpton-airfield.co.uk**. App problems, as opposed to account problems, go to **app-dev@smwengineering.uk**.

12 AWE Inform — reporting activation

AWE Inform records that Brimpton has been activated for the day. The tab appears only when you are logged in with an account the airfield has given AWE permission to.

> **Phone AWE first**
>
> Activation is a radio and telephone procedure. **Phone AWE on 0118 982 6286 before you submit here** — there is a button on the screen that dials it for you. Submitting in the app records the activation; it does not perform it.

Current AWE Status

The top of the screen shows the activation the system currently holds — the same information as the Airfield tab. If today is already activated it shows the date and who activated it, and the submit button is **disabled**, because there is nothing to do.

Reporting an activation

1. Phone AWE on **0118 982 6286** and complete the activation.

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2. Check the **date** — it defaults to today.
3. Enter the **member initials** of whoever activated, for example **MB**. The app records them in capitals.
4. Tap **Submit AWE Activation**.

An **AWE Submitted** confirmation appears, the initials box clears, and the status at the top refreshes to show the activation you have just recorded. From then on everyone looking at the Airfield tab — in the app, on iOS, or on the website — sees Brimpton as active today.

If the tab is not there

- **Not logged in.** Log in at **Info › Login**.
- **Logged in, but no AWE permission.** The tab stays hidden. If you open the Login screen, the Access list shows AWE activation unticked. Permission is set on your website account — contact the airfield if you believe you should have it.
- **Session expired.** The tab disappears and the app returns you to Airfield. Log in again.

Permission is also checked on the server when you submit, so the hidden tab is a convenience rather than the actual control.

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13 If something goes wrong

Almost everything in the app is a live read from the airfield's systems, so most problems are either the connection or the data.

Symptom	What to do
Submit button is greyed out	A mandatory field is empty. On the PPR form the usual culprit is the approach requirements tick box at the very bottom; on a movement it is registration, type or time.
“Submission Failed”	Nothing was sent and your entries are still there. Read the message, fix what it names, and submit again. If it mentions the network, check your signal.
Status rows show a dash	The airfield's system has no value for that row right now. Tap refresh; if it persists it is the data, not the app.
No “Unofficial Runway in Use”	The app could not read it from the club weather page. Normal from time to time — confirm the runway on the radio.
Movement log shows today only	You are not logged in. See section 6.
AWE Inform has vanished	You are logged out, your session expired, or your account does not have AWE permission. See section 12.
Weather page is blank	It needs a data connection. Check your signal and tap refresh.
A request is missing from PPR Status	Give it a moment and refresh. Check you are searching the right registration, and that you saw a confirmation when you submitted.
My Details is empty again	It is stored on the phone only, so a new phone, a reinstall, or clearing the app's data means filling it in again.
Nothing loads at all	Check your data connection, then close and reopen the app. If it is still dead, report it — see section 15.

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14 Your data and your privacy

The app is published by **SMW Engineering**, which is the data controller for it. In short: what stays on your phone stays on your phone, and what you submit goes to the airfield.

What stays on your phone

- **My Details** — your name, aircraft, email, phone, membership number and payment preference. Never uploaded.
- **Your menu size setting.**
- **Your login token**, if you are logged in — held in private app storage that is excluded from Android backup and device transfer. Your password is never stored.

What is sent to the airfield

- **PPR requests** and **movement bookings**, with the details you entered on the form.
- **AWE activations**, if you report one — the date and the member initials.
- **Your username and password**, once, when you log in — exchanged for a token and not kept.

Each submission is tagged as having come from the Android app, so the airfield can see where a request originated. Nothing else is collected: there is no analytics, no advertising, no tracking, and no location access.

In transit

Everything the app sends or receives goes over **HTTPS**, and the app is built so that unencrypted connections are refused.

Your rights

PPR, movement and AWE records belong to the airfield's operational records. To ask what is held about you, to have something corrected, or to ask for deletion, contact the airfield. For questions about the app itself, email **app-dev@smwengineering.uk**.

Removing your phone's copy of everything is simple: log out, which deletes the token, and uninstall the app, which deletes My Details and your settings.

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15 Getting help

Two different addresses, for two different kinds of problem.

For	Contact
Anything operational — a PPR, an arrival, the airfield's status, your membership or your website account	**brimpton.radio@brimpton-airfield.co.uk** Clubhouse and PPR: **0118 324 6888** Radio: **135.130 MHz**
The app itself — something broken, something confusing, or a suggestion	**app-dev@smwengineering.uk**
AWE activation	**0118 982 6286**

Reporting an app problem

It helps enormously if you can say what phone you have, which Android version it runs, the app version from the bottom of the **Info** tab, what you were doing, and exactly what the app said. A screenshot of an error message is worth a paragraph of description.

Coming in later releases

- **PPR Admin** and **Telephone PPR** for authorised members.
- **Membership** — your membership card, type and expiry date.
- **Push notifications** for PPR approvals.

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This guide describes the Android app. The iOS app differs in places.