

BADA USER INTERFACE (BUI)

User Guide for requesting BADA 3, BADA 4 and BADA H user licences

BADA User Interface (request a licence)



- Request BADA data by filling and submitting the web form
- Follow progress status of your request
- Communicate directly with the BADA review members regarding your request(s).
- Once the licence has been approved, provide BADA access to your project team members (they too must have a OneSky online account)

First: Create a OneSky account on the EUROCONTROL Extranet Portal



<https://ext.eurocontrol.int/>


The login page for OneSky Online Extranet. It features the EUROCONTROL logo in the top left and the title 'OneSky Online Extranet' in the top right. The main content area has a login form on the left with fields for 'Username', 'Password', and 'Passcode (requires SecurID - optional)'. Below these fields are links for 'Forgotten username or password' and a 'Sign In' button. At the bottom of the form is a link for 'New user? Register now.'. To the right of the form, there is a section titled 'OneSky Online' with a brief description: 'OneSky Online is EUROCONTROL's Extranet, that part of our website where content can be accessed by authorised users only. We have simplified the interface, but the way you access your tools and services remains unchanged.'

The registration page for OneSky Online Extranet. It features the EUROCONTROL logo in the top left and the title 'OneSky Online Extranet' in the top right. The main content area has a section titled 'OneSky Online Extranet registration'. Below this title, there are two columns of form fields. The left column is titled 'Contact details' and includes fields for 'First name *', 'Last name *', 'Job title', 'Work e-mail *', and 'Phone *'. The right column is titled 'Address' and includes fields for 'Address *', 'Postcode *', 'City *', and a 'Country *' dropdown menu. Below the address fields, there is a 'Login details' section with a 'Username *' field and a 'Suggest' button.

*Please take note that it may take up to **20 minutes** before you can access the BADA User Interface page*

Then: Click on “BADA User Interface”

Logged in as **SMITH John** [Edit profile](#) [Sign out](#)

 EUROCONTROL OneSky Online Extranet

My services

Name
A-CDM Map tool
Archive ATFM statistics reports
BADA User Interface
Event booking
IMPACT
iSupplier registration form
OneSky Teams
PBN Map Tool
Standards Development Consultations

** only accessible using Firefox*

[Manage](#)

When logged in, you may 'request a licence'



EUROCONTROL - Supporting European Aviation

HOME NEWS ABOUT CONTACT DOCUMENTATION LINKS DISCLAIMER

BADA User Interface

Dashboard My account **My licences** **+ Request a licence** Log out

BADA 3.15, H1.0 are available

Learn more

BADA

Latest news

BADA 3.15, H1.0 are available

July 25th, 2019

BADA 3.14 & 3.15 monthly update 2019-06 The latest update to ICAO Doc 8643 (aircraft type designators), dated 2019-06-21, introduces 4 new designat...

Read more

All BADA news

Tweets by eurocontrolDG

About the Base of Aircraft Data (BADA)

User guide for BADA 3, 4 & H

The BADA User Interface is the BADA licensing platform, allowing internal and external parties to submit a request for BADA, stay informed about its status, communicate with the EUROCONTROL BADA team and manage access to BADA within their organisation. It also serves as a repository of BADA-related documentation and datasets.

by connecting to BUI you may request a licence for:

- BADA Family 3
- BADA Family 4
- BADA Family H
- OTHER TOOLS where BADA is pre-integrated (AEDT, AEST, TARGETS, etc.)

BADA 3 and BADA 4 are 2 different distinct families. BADA 4 is not a more recent version of BADA 3. BADA 4 is restricted in use. We advise requesting BADA 3 for standard ATM needs.

You may consult the standard terms and conditions of BADA use here.

- STANDARD TERMS AND CONDITIONS BADA 3, 4 AND H
- STANDARD TERMS AND CONDITIONS FOR OTHER TOOLS

You may also consult the user guides for BADA and BADA integrated in other tools.

- USER GUIDE FOR BADA 3, 4 AND H
- USER GUIDE FOR OTHER TOOLS

These have to be considered for information purposes only

More information about BADA on our EUROCONTROL Website

Logged in allows you to:

- “request a licence”
- consult your other licences ‘My licences’

Select Family type and version

Request a licence

Your request concerns **BADA 3.15**

1. LICENCE TYPE

2. DETAILS

3. AUTHORITY

4. CONTEXT

Select a type of licence *

BADA Family 3

Select a version

3.15

If you already hold BADA licence, you have a possibility to "clone" description of intended use for a new licence request.

Do you want to use project content from one of your other requests?

Choice * ☐ No ☒ Yes

Select a licence *

L0000496 (BADA Family 3)

L0000496 (BADA Family 3)

< Previous

Next >

Use of BADA is governed by a Licence agreement.

You may request a licence for:

You may consult the standard terms and conditions of BADA use here.

[STANDARD TERMS AND CONDITIONS BADA 3, 4 AND H](#)

[STANDARD TERMS AND CONDITIONS FOR OTHER TOOLS](#)

You may also consult the user guides for BADA and BADA integrated in other tools.



[USER GUIDE FOR BADA 3, 4 AND H](#)

[USER GUIDE FOR OTHER TOOLS](#)

These have to be considered for information purposes only

Note that information you provide in this web application will be used to evaluate your request and to decide if your intended use is in line with BADA permitted use.

Following a positive review of your request, you will be provided with a Draft Licence agreement, customised to your company and intended use of BADA. Once you read and accept the agreement, EUROCONTROL will issue the final Licence agreement and grant you access to BADA.

Should you already hold a user licence, you may duplicate input details to be used for a different BADA family or version. Confirm or modify the pre-filled details  

Personal Details



Request a licence Your request concerns BADA 3.15

1. TYPE 2. REQUESTER DETAILS 3. AUTHORITY 4. CONTEXT

Focal Point * John SMITH



Gender * Male

Professional email * johnrmsith050@arc.com

Job title * IT Developer

Telephone * +44 1 72221234

Organisation name * AVIATION | RESEARCH C

Type of organisation * Consulting Company  

Address * Main Street Douglas


Zip Code * IM7

City/State * Douglas

Country * United Kingdom

Website

(*) Mandatory fields

 Validate or edit

< Previous Next >

Before continuing with your request, please ensure that your details are correct. To change any of these details you must log on to your OneSky Online account to modify (<https://ext.eurocontrol.int>)

You will find details on how we manage your personal details in the following document : [BADA Privacy statement on the protection of personal data](#) 

Students:

Licence requests should be submitted by your institution's administration or an appropriate staff member with the legal authority.

Complete any remaining details; avoid using personal email accounts!

Confirm if you have legal authority


Request a licence Your request concerns BADA 3.15

1. TYPE 2. DETAILS 3. LEGAL AUTHORITY 4. CONTEXT

Who is the legal authority ? * ☐ me ☒ or, person below  

Title * 

First name * 

Last name * 

Role * 

Phone number * 

Email * 

You must provide official proof from your legal authority representative that you have been delegated the necessary authority to accept / refuse EUROCONTROL's user licence agreement conditions on their behalf. You can do this by using the Legal Authority Attestation Template provided on the right-hand side of this page.

Upload The Legal Authority Attestation (max 10MB) *

No file selected. 

Select the appropriate case:
'me' means you are authorised to bind your organisation with respect to licence agreements with other organisations.

If **'person below'** is selected, you are required to upload proof that you have been delegated authority by this person.

Legal Authority Attestation Template:

 [Download file](#)

Students:



We are unable to accept student requests. Licence requests should be submitted by your institution's administration or an appropriate staff member with the legal authority.

Describe accurately your BADA needs

Request a licence Your request concerns BADA 3.15

1. TYPE 2. DETAILS 3. AUTHORITY 4. CONTEXT OF USE

Intended use of BADA :

Domain/Field of application * ATC/ATM Research & Developn ✓

Description of intended use (summary) * This is a test to request a new standard 3.15 Comparison of several 363 remaining ✓

Detailed description of intended use * Add text ✓

Sponsors and Partners * n/a 197 remaining ✓

Description of tools where BADA will be implemented * Note foreseen at present 376 remaining ✓

Is it your intention to implement BADA into a tool that will be commercialised by your company ?

Choice: * ☐ Yes ☒ No ✓

(*) Mandatory fields

[< Previous](#) [Submit](#)

Please carefully fill in the information requested as it is needed by the BADA Board to:

- understand your intended use and assess if BADA is suitable for it from technical point of view.
- determine if your intended use is in line with the permitted use of BADA and which type of BADA license is applicable to your case.

Failure to provide ample details will result in a delay to process your request.

Points to be covered when filling "Detailed description of intended use" :

- Add more specific details about your use of BADA model and data parameters.
- List the information that you wish to obtain from BADA. How do you plan to use this information in your tools/studies (provide examples of study cases, etc.)?
- What is your requirement in terms of aircraft type coverage by BADA models?
- What is the expected outcome of your work?
- If you intend to deliver/publish/distribute results or documents developed using BADA, where they will be published and who would be the target audience?
- Add any other relevant information to clarify your intended use of BADA.


Providing us a clear description of use will not only enable us to understand your needs but help us justify your BADA needs in line with its permitted uses.


Describe accurately your BADA needs



You intend commercialising a tool where BADA is integrated?

Is it your intention to implement BADA into a tool that will be commercialised by your company ?

Choice: * ☒ Yes ☐ No 

Explain * 

300 remaining

(*) Mandatory fields

[< Previous](#) [Submit](#)

It is permitted to develop commercial tools with “BADA inside” provided that the end-users of the commercialised tool obtain a licence from EUROCONTROL. It is not permitted to sell BADA or BADA data as such.

Tool end-users (third parties) are required to obtain a BADA user licence agreement in order to use the tool in question.

Describe accurately your BADA needs

Use of BADA in a commercial context - clarifications

Permitted use of BADA in a commercial context:

- use by industry to develop commercial tools with “BADA inside” where the end-user must obtain a licence for BADA from EUROCONTROL (e.g. FDPS, AEDT, TAAM, etc.)
- use by a service provider or a commercial company to perform studies for a third party with its modelling tool/simulator (which uses BADA)
 - *even though the output of study might lead to savings or other kind of commercial benefits, this is not considered as a commercial use regarding BADA*
- R&D leading to new commercial products, etc.

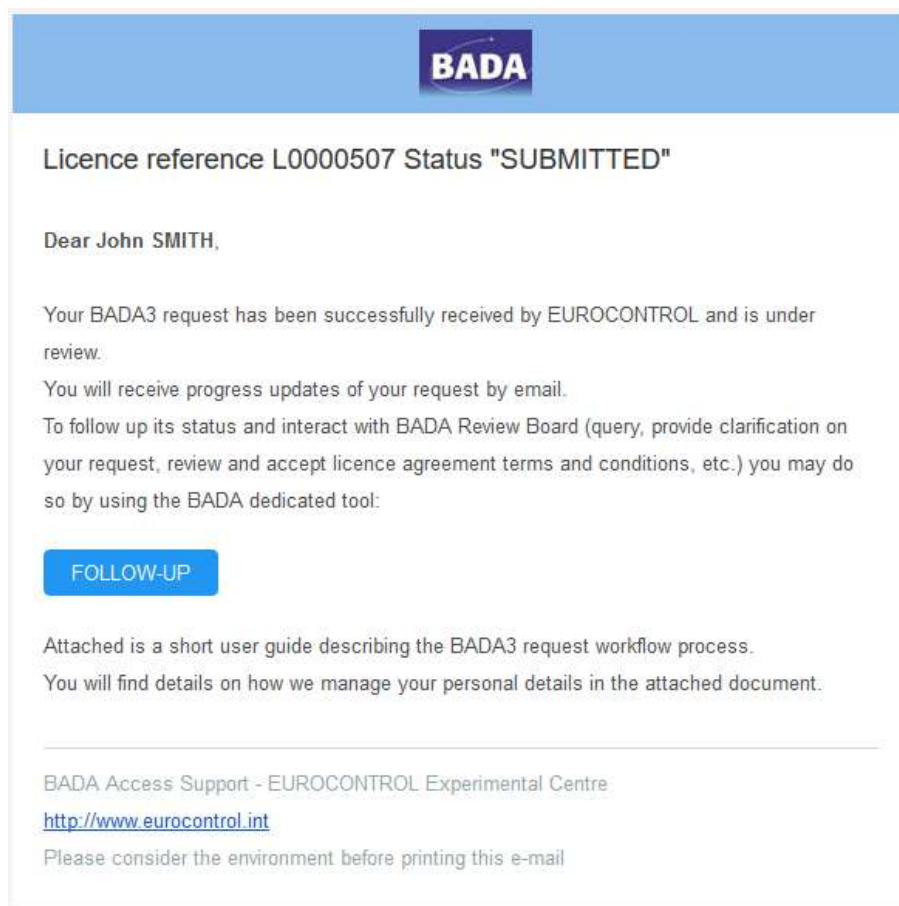
Forbidden use of BADA in a commercial context:

- direct selling of BADA or BADA Data as such.

Once you “Submit” the licence request



You will receive an email confirming the receipt of your request



Through the “follow-up” link, you may check the status of your request and communicate with the BADA team.

Follow up status of your request –progress

Processing your request involves 5 steps, for each of the steps you will receive a summary email of its progress



Step 2 “**Validated**” will depend on whether your request has satisfied the review group’s assessment ...



... or whether the BADA review group requires a further clarification from you; “**More Information Requested**”.

Status of your request – 5 steps



Submitted

(1). Your BADA request has been successfully received and is being reviewed.



Validated

(2). Your request has satisfied our review and is in line with the permitted BADA uses



T&C sent

(3). You have been sent a BADA user agreement for your acceptance



T&C Accepted

(4). You have read and accepted the agreement terms & conditions



Request accepted

(5). Your request has received the final approval. You will be instructed by email on how to access the BADA data.



More information
requested

(2). Our reviewers require more information to complete the review process

Follow up status of your request & features



Dashboard My account BADA libraries My licences Calculation tools ▾ Synonym search ▾ Online support ▾ 1. [+ Request a licence](#) [Log out](#)

Your BADA licence request L0000507

Submitted — 2. Validated — 3. T&C sent

LICENCE TYPE
BADA Family 3 - 3.15

REQUESTER DETAILS
Name: John SMITH **Gender:** Male
Professional email: johnrsmith050@arc.com
Job title: IT Developer
Organisation name: AVIATION | RESEARCH CENTRE
Type of organisation: Consulting Company
Address: Main Street Douglas - IM7 Douglas - United Kingdom
Website: https://www.irishtimes.com/

LEGAL AUTHORITY ✓

CONTEXT OF USE
Domain/Field of application: ATC/ATM Research & Development (modelling, simulation and studies)
Description of intended use (summary):
This is a test to request a new standard 3.15 Comparison of several TP tools in view to developing a new TP.
Detailed description of intended use: This is FP adding Detailed Des...

3. L0000507 - BADA Family 3
L0000507 - BADA Family 3
L0000501 - BADA Family 3
L0000498 - TARGETS
L0000497 - TARGETS
L0000496 - BADA Family 3
L0000426 - BADA Family 3
L0000425 - BADA Family 3
4. L0000391 - AEDT 2
L0000390 - BADA Family 3
L0000323 - AEDT 2
L0000320 - AEDT 2
L0000305 - BADA Family 3
L0000264 - BADA Family 3

4. [Your licences](#)

1. Make a new licence request
2. Workflow status of the request that is opened
3. Pull down list of on-going requests
4. Detailed status overview of all your licence requests

Follow up status of your request - chat

You may interact with the BADA team through the Discussion “chat-like” function.

Your licence request has been validated.
You will be informed by email of your request's progress.
You may also check out its progress from this space.

The BADA Team.

Discussion with EUROCONTROL

Total(0) Read(0)

10/09/2019 3:01 PM **John SMITH**

Dear BADA team, Please do not hesitate to contact me by phone today to discuss my new request in detail. I propose in setting up a webex later on.

AB

Admin BADA

10/09/2019 3:02 PM


Dear Mr Smith, that is noted. I will be available this afternoon to discuss your BADA needs.

Type your message here...

1000 remaining

Send

You are informed of any new messages by email.



New Message from EUROCONTROL for BADA3 3.15 request -- REF L0000507

Dear John SMITH,

Following your BADA3 3.15 request, the BADA Review Board sent you a message. Please use the BADA dedicated tool to access the message and reply to their questions or clarifications inquiries. This will allow the BADA Review Board to promptly proceed with the assessment of your request.

Go to message

Regards,
BADA Team

BADA Access Support - EUROCONTROL Experimental Centre
<http://www.eurocontrol.int>
Please consider the environment before printing this e-mail

“Draft” agreement for your acceptance

When your request meets the BADA review board’s approval, you will receive an email notification.



Terms and Conditions for request BADA3 3.15

Dear John SMITH,

BADA Review Board has drafted your licence agreement terms and conditions for request L0000507 for your review and acceptance.

To ACCEPT or REFUSE the terms and conditions, you must log on to your BADA account and update the status of your request to ACCEPT or REFUSE. In the latter case, please provide the Reason (comment) for the refusal.

[Log in](#)

Regards,
BADA Team

BADA Access Support - EUROCONTROL Experimental Centre
<http://www.eurocontrol.int>
Please consider the environment before printing this e-mail

You are obliged to read the Licence Terms and Conditions before selecting ‘Accept’ or ‘Refuse’.

Your BADA licence agreement Terms and Conditions have been sent to you for your acceptance.

Comment:

Dear Mr Smith, Please find hereafter a draft licence agreement for your acceptance. Thank you.

Please read them before accepting or refusing.


 [Terms and conditions](#)

☐ Accept ☐ Refuse

[Submit](#)

A non-reply from you for more than 1 month will result in the automatic cancellation of your request.
The BADA Team.

“Draft” agreement for your acceptance



LICENCE AGREEMENT FOR BADA Family 3 Release 3.15
(Reference N°L0000507)

between

EUROCONTROL
The European Organisation for the Safety of Air Navigation
Rue de la Fusée 96
BE-1130 Bruxelles
Belgium

hereinafter “EUROCONTROL”

and

AVIATION | RESEARCH CENTRE
Main Street Douglas
IM7 Douglas
United Kingdom

Represented by: Mrs Jane Smith
President

and by Focal Point: Mr John SMITH
IT Developer

hereinafter “YOU”

hereinafter individually and collectively referred to as “Party” and “Parties”

Licence Agreement electronically accepted
by: Mr John SMITH
on: **Pending acceptance date**

Licence Agreement electronically approved by EUROCONTROL
on: **Pending final approval date**

The Licence Agreement document was created on: 09/10/19 11:57 UTC
Name of the PDF document: L0000507_BADA3_2019_AVIATION | RESEARCH CENTRE_DRAFT

Licence Agreement Template code : BADA3-H-STD_V30072019

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Aircraft Performance Model (“APM”) Family 3 Release 3.15

algorithms, mathematical models and documentation), and datasets.

considered:

as per Regulation (EC) No 550/2004 of the European Council of 10 March 2004 on the provision of air navigation services in European sky, as amended by Regulation (EC) No 1070/2009 of the Council of 21 October 2009;

the EUROCONTROL Safety Regulatory Requirement (“ESARR”) for ATM FUNCTIONAL SYSTEMS, nor to any equivalent at European Union or national level;

solely responsible for the safe use of BADA in any of YOUR local environments, and that YOU shall take all necessary measures in compliance with all applicable regulatory requirements;

that BADA contains technical data and information made available by aircraft manufacturers and that this data and information is “AS IS” basis with no warranty whatsoever;

that BADA contains technical data and information which may be made available on a strictly “AS IS” basis, and that you are therefore made available on a strictly “AS IS” basis.

AGREED AS FOLLOWS:

ment:

means the present licence agreement.

means air traffic management.

means Base of Aircraft Data **Family 3 Release 3.15** as further described in Article 1.3. below.

means the User Manual for BADA.

means the BADA Support Application, a web-based application which allows the BADA licensed users to report and track problems, request a change and ask questions related to BADA model implementation and its application.

Licence Agreement Template code : BADA3-H-STD_V30072019

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BADA User Interface, a web-based application which serves as the BADA licensing platform, allowing external parties to submit a request for BADA, and about its status, communicate with the EUROCONTROL BADA team and manage access to BADA for organisation. It also serves as a repository of all documentation and datasets.

confidential, proprietary information including the Specifications, Datasets, any calculation put thereof and/or tools where the Specifications etc are integrated. The Confidential Information owned by EUROCONTROL or other third parties EUROCONTROL.

the BADA Aircraft Performance Datasets (i.e. a set of data files providing aircraft specific coefficients to perform calculations using BADA Specification, characteristics and other pre-computed aircraft performance parameters).

actual user of BADA on YOUR side, it may be officials, on-site contractors and/or students who access to BADA on a strictly need to know basis, they have been informed of the obligations contained in the Agreement and understood and accepted these

EUROCONTROL and YOU

version/s of BADA **Family 3**

BADA Aircraft Performance Model Specification documents providing aircraft performance theoretical data, algorithms and mathematical models used to calculate aircraft performance parameters).

the utilisation of BADA by YOU by copying, downloading or loading BADA into the permanent memory (hard disk, CD-ROM or other storage device) of a system for processing of system instructions or statements in the Specifications; and copying BADA which is in machine-readable form for use by YOU on the system, for the purpose of understanding the contents of such machine-readable material, subject to the provisions of this Agreement.

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Once you “Accept” the licence agreement

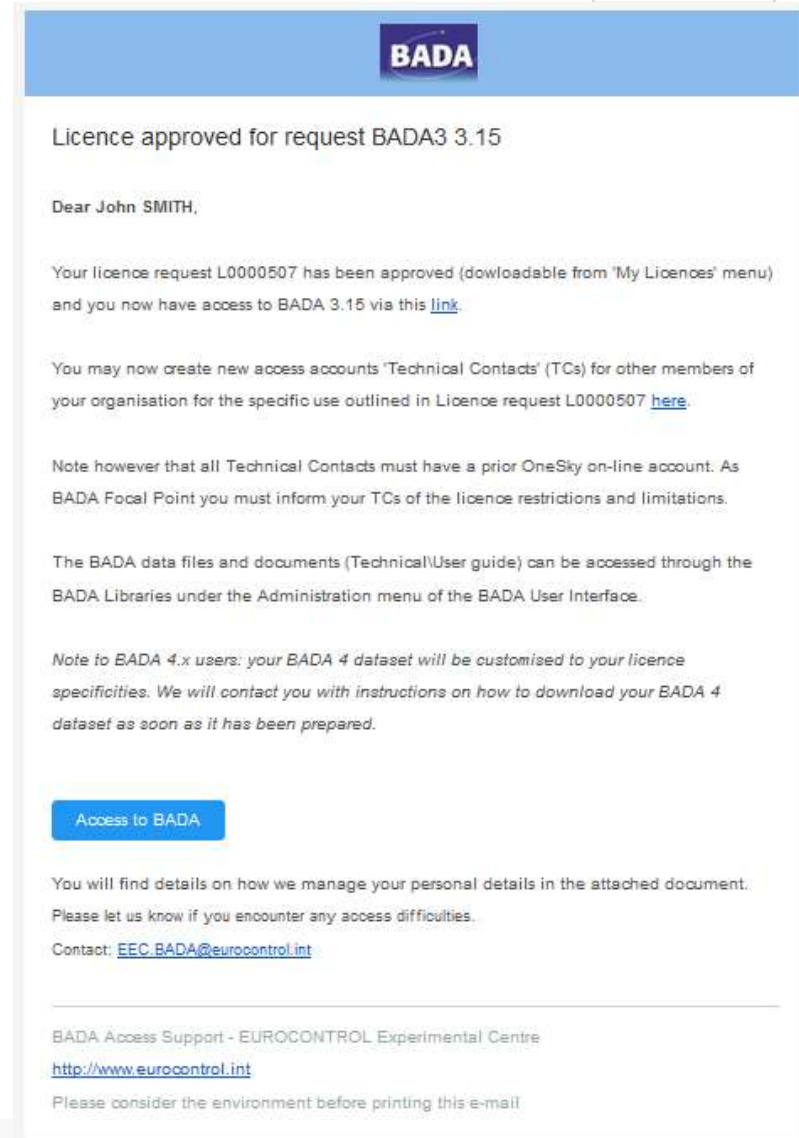


We will then approve your licence and provide you access to BADA. This is confirmed by email.

Each requestor will receive a “Final” version of the Licence agreement which remains downloadable from your

Dashboard

section of the BADA User Interface.



DASHBOARD

Under the *Dashboard*, you will find a summary of your current on-going and approved licence requests

The screenshot displays the BADA Dashboard interface. At the top, a navigation bar includes links for Dashboard, My account, BADA libraries, My licences, Calculation tools, Synonym search, and Online support, along with buttons for Request a licence and Log out. The user is logged in as John SMITH from the AVIATION | RESEARCH CENTRE (United Kingdom). The dashboard is divided into three main sections: Headlines, Your ongoing requests, and Your licences.

Headlines

- Improved Aircraft Performance Calculations**
August 20th, 2019
A new version of the Aircraft Performance Calculations module has been deployed for BADA 3.14 and 3.15, which contains the following changes:1) The ac...
[Read more](#)
- BADA 3.14 & 3.15 monthly updates 2019-08**
August 19th, 2019
The latest update to ICAO Doc 8643 (aircraft type designators), dated 2019-08-16, introduces 1 new designator (COLT). You can download the correspondi...
[Read more](#)
- BADA coverage report of 2018 European air traffic is available**
July 26th, 2019
The air traffic statistics obtained from the Network Manager for the ECAC airspace over a 12-month period (Jan-Dec 2018) have been used to determine t...
[Read more](#)
- BADA 3.15, H1.0 are available**
July 25th, 2019
BADA 3.14 & 3.15 monthly update 2019-06 The latest update to ICAO Doc 8643 (aircraft type designators), dated 2019-06-21, introduces 4 new designat...
[Read more](#)
- BADA coverage report of 2018 European air traffic is available**
July 22nd, 2019
The air traffic statistics obtained from the Network Manager for the ECAC airspace over a 12-month period (Jan-Dec 2018) have been used to determine t...
[Read more](#)

[All headlines](#)

Your ongoing requests

- L0000264 - BADA3 3.13**
Current status : **Terms and conditions accepted** (80%)
Requested on 03/03/2017
[View details](#)
- L0000501 - BADA3 3.15**
Current status : **Submitted** (20%)
Requested on 17/09/2019
[View details](#)
- L0000498 - TARGETS**
Current status : **Licence request validated** (40%)
Requested on 13/09/2019
[View details](#)

Your licences

- L0000507 - BADA3 - 3.15**
Registered to John SMITH, AVIATION | RESEARCH CENTRE (United Kingdom)
Expires on 09/10/2021
[View details](#)
- L0000497 - TARGETS**
Registered to John SMITH, AVIATION | RESEARCH CENTRE (United Kingdom)
Expires on 13/09/2021
[View details](#)

To provide BADA access to Technical Contacts

Dashboard My account BADA libraries My licences Calculation tools + Synonym search + Online support + + Request a licence Log out

Your BADA Family 3 licence L0000507 [Your licences](#)

ID: L0000507

Licence request: L0000507

Terms and conditions: [Visualize](#)

Legal authority: Details

Requestor details

Focal Point: John SMITH

Gender: Male

Email: johnsmith050@arc.com

Job Title: IT Developer

Name of organisations: AVIATION | RESEARCH CENTRE

Type of organisation: Consulting Company

Adress of organisation: Main Street Douglas IM7 Douglas - United Kingdom

Phone number: +44 1 72221234

Licence details

Type: BADA Family 3

Version: 3.15

Start date: 10/09/2019

Current status: ACTIVATED

Expiry date: 10/09/2021

Technical contact

Username Name Access to BADA Family 3 library

Add technical contact on licence

The user must already hold a OneSky Online account

[Search user and add](#)

The BADA Focal Point can create new accounts (Technical Contacts) for teams members. These teams members must have a OneSky online account and share a same email domain name within the same organisation.

Search user and add

[Search](#)

Username	Firstname	Lastname	Email	Organisation
<input type="radio"/> janesmith	Jane	SMITH	janesmith@arc.com	aviation research centre

Unable to add a new user Technical Contact (TC)? For help please contact sec.bada@eurocontrol.int
Please note that all user Technical Contacts must first be pre-registered with [EUROCONTROL's OneSky Online](#)

[+ Add](#) [Close](#)

Other tool bar features



Dashboard

My account

BADA libraries

My licences

Calculation tools ▾

Synonym search ▾

Online support ▾

My account



To access your personal details. To modify these details you need to access your OneSky account profile

BADA libraries



To download the data files to which you have been given access

My licences



To view your on-going and approved licences

Calculation tools ▾



To perform Aircraft Performance Calculations

Synonym search ▾



To find an equivalent BADA model match for a non-modelled aircraft

Online support ▾



To report an issue or access the BADA Support Application

Need to contact us ... ?



For any questions in the context of your on-going licences, please contact the BADA team directly via the Discussion feature of our licencing interface.

For any other questions,

eec.bada@eurocontrol.int