



# Request for Headwall Hyperspectral Flight Support

## Instructions

Please ensure you are familiar with the funding requirements of loaning the Headwall Hyperspectral imager before filling out this form. These are found on the [FSF Headwall page](#). Please email us if you have any questions on funding or the headwall in general.

Please complete PART ONE of this form to provide the Field Spectroscopy Facility (FSF) and the Airborne Geoscience Facility (AGF) with some basic information about the project or proposal.

On the basis of the information you provide, we will then complete PART TWO of the form, which is an initial assessment of feasibility, resource and risk.

This will be returned to you as feedback and, if necessary, some iteration of this process may be possible. To give this process time, please ensure this is done at a minimum of 1 month prior to your submission deadline. Ideally earlier.

Once feasibility has been confirmed and resources have been agreed, a Technical Assessment from the lead facility will be provided to support your NERC application.

Please provide us with whatever information you have available at this point; we can fill any gaps and make changes later. If you have any questions please feel free to contact FSF directly on [fsf@nerc.ac.uk](mailto:fsf@nerc.ac.uk).

## Privacy Notice

### Information about you: how we use it and with whom we share it

The information you provide will be used by the University to process your initial application for facility services and, if successful, to assist in managing the support provided. It will also be used for the facility's internal annual reporting purposes.

The University will use cloud-based storage to manage the data you provide. The University remains responsible for the information and will ensure it is kept securely.

We are using the information about you because by submitting this application to the University you initiate steps to work with the NERC Field Spectroscopy Facility and University of Edinburgh's Airborne GeoSciences facility, and we will require the information provided to be able to communicate with you, to process your application and to provide subsequent support.

If your application is supported and requires us to access additional resources through subcontracted service providers, your information may be shared with those service providers.

For successful applications, we will hold the personal data you provided us for as long as the funding body requires us to. Unsuccessful applications will be kept for 2 years from the year of submission.

We do not use profiling or automated decision-making processes.

If you have any questions, please contact [fsf@nerc.ac.uk](mailto:fsf@nerc.ac.uk).

This Privacy Statement is continued at: [www.edin.ac/privacy](http://www.edin.ac/privacy)



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## PART ONE: Applicant Data

### Project Information

We need to collect some background information on your project in order to support our own recording and reporting requirements, and also to help us to prioritise resources.

Please complete the following section to the best of your ability at this time. If things change, or if you don't have all the information just yet, we can update your project details later.

#### General

FSF reference number *Reserved for facility use*

Short Name *Reserved for facility use*

AGF Reference # *Reserved for facility use*

*Reserved* *Reserved for facility use*

Project Title

Short Description  
*(2-3 sentences max)*

Lead institution and department

Project start date  
*(or best estimate)*

Project end date  
*(or best estimate)*

#### Contact Information

Name

Email

Role

Affiliation

Principle contact  
*(applicant)*

P.I. or Supervisor *(if different)*

#### Funding

Type of NERC grant

Approx. total value

Headwall ops budget  
*(if established)*



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## Data Requirements

For imaging products, what **ground sampling distance** (i.e. spatial resolution) do you require?

Please outline any existing plans for **supporting ground measurements**

**Anything else** you would like to tell us about your data requirements?  
*(please see also the section below on Location / Site to avoid duplication)*

## Area & Campaign Information

At this point we need a little information about **where** and **when** you need to acquire data so that we can make an assessment of the technical and regulatory feasibility of the task and assess resource availability for the job. We will do more detailed planning at a later stage if your proposal proceeds, so please keep it brief at this point.

If you plan to work at **multiple sites** within a reasonably small area (i.e.  $< \sim 10$  mile radius), then for this exercise they can be considered under a single entry below. If you plan to use multiple sites that are more widely separated then please copy and paste the table below as many times as required.

If you don't know exactly where you will work yet, then please just provide as much information as you can.

Area Reference / Name  
*(we will use this when discussing this site/area)*

Country

Approximate area of survey required (Ha)

Chart / Map  
*(e.g. Google Map, showing approximate area(s) or route(s) required)*

Reference Location

*(e.g. nearest settlement with approximate bearing and distance; map hyperlink is sufficient)*

Reference Coordinate

*(Latitude, Longitude)*

How do you expect to access the area?



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Please briefly outline your survey requirements in this area, including:

- Approximate **timing** of campaign(s)
- **Nature** of surveys (e.g. repetitions etc.)

Do you already have contact with the landowner / manager? If yes please outline any relevant approvals for airborne work.

Have you worked with airborne assets in this area before, and if overseas, do you have any prior experience of or contact with local aviation regulators? What transport, accommodation and other relevant logistical arrangements do you have in place?

Any other information that you think could be useful at this stage?

## Team Composition

The following information will help us to assess the staff resources that we need to apply to this project.

What will the composition of the field team be?

Will your team include any previous experience with airborne data acquisition /instrument science?

How many people will be available to help with the UAV work?

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**Thank You!**

Thank you for completing the Request for Support form. That's all we need to know for now, so please return the form by email to [fsf@nerc.ac.uk](mailto:fsf@nerc.ac.uk). We will complete the feasibility, resource and risk assessment below and get back to you as soon as possible once complete.

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## PART TWO: Facility Use ONLY – Feasibility, Resource and Risk

### Feasibility Assessment (Facility Use)

Comments / Assessment	Reviewed by	Date
Technical		
Regulatory		
Logistical		
Safety		

### Resource Assessment (Facility Use)

Summary of Resources Required

Availability of Resources

Chargeable Unit	Comments / notes	Number required	Unit cost	Total Cost
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*Please note, costs are assessed as per facility charges at the time of writing; these may change, and requirements may also change somewhat with more detailed planning and/or operational necessity, so we recommend allowing a margin to allow for some flexibility in costing and requirements.*

#### Additional Resources

*(these are additional resources that will need to be provided by the project to support the airborne data acquisition)*

Item	Comment / notes
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### Risk Management (Facility Use)



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Note, this section identifies potential **management risks** only, and NOT safety risks. Safety risk will be assessed and managed through the AGF Safety Management System should the project application be successful.

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Risk Item	Comments / mitigation
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## Approval

**Approval**

Comments / conditions

By

Date

Approved  Declined