

Guidance for individuals or organisations planning on undertaking firework displays in Bailiwick of Guernsey Airspace

(October 2021)

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Introduction

Individuals or organisations wishing to direct light sources, pyrotechnics or fireworks into the air are to do so in a safe and sensible manner, as mandated by The Air Navigation (Bailiwick of Guernsey) law 2012.

The Office of the Director of Civil Aviation (ODCA) is responsible for policy regarding light displays, permanent laser sites, other light source installations, fireworks, helium-filled toy balloon and sky lantern releases and their effects on aviation. Consequently, the aim of this guidance is to highlight local policy and to provide individuals/organisation wishing to conduct these activities in the Bailiwick of Guernsey with a means of notifying their activities to Guernsey Airport. This will enable the aviation community to properly assess the impact of any such proposed activity and take appropriate measures to mitigate any dangers to flight safety.

The use of lasers, searchlights, fireworks, helium-filled toy balloons and sky lanterns is now widespread throughout the UK, and their use has the potential to impact upon aviation activity. Lasers and searchlights make use of a generated light source to produce intense and directional beams of light, which can dazzle pilots and have the potential to cause damage to the human eye, and which can be exacerbated should a pilot be wearing night-vision goggles or similar devices. Unexpected fireworks could distract and confuse pilots and could endanger aircraft in flight. Helium-filled toy balloons and sky lanterns have the potential of causing damage to engines through ingestion. Additionally, debris from sky lanterns dropping to the ground could produce Foreign Object Debris (FOD), which could cause damage to aircraft should any remnants land on the manoeuvring areas of an airfield. The risk to aviation is increased when such activities take place in the vicinity of aerodromes, particularly during those critical phases of flight associated with taking off and landing

Fireworks

Firework displays can vary from the small-scale garden event to a major commercial or ceremonial occasion; they have the potential to distract and confuse aircrews or damage aircraft during flight operations. A feature of fireworks displays is that solid objects are physically launched into the air to create the full visual effect. Many fireworks associated with large-scale events can dispense canisters several hundred feet into the air. Whilst the risk of collision with aircraft is small, the existence of such projectiles needs to be borne in mind when carrying out an assessment for firework displays in the vicinity of aerodromes.

Aerial fireworks displays should be limited to a height of 1,500 ft above ground level. Any firework conforming to BS7114/BS EN 14035-36 will not exceed this height.

The following procedures must be complied with when individuals or organisations are planning any release or use of fireworks. All releases within the red areas on the map below must be prior coordinated with Guernsey Airport at a minimum of 14 days prior to the event. This will ensure all proposed events are appropriately assessed and give adequate time to ensure relevant control measures and notices are issued to the aviation community.

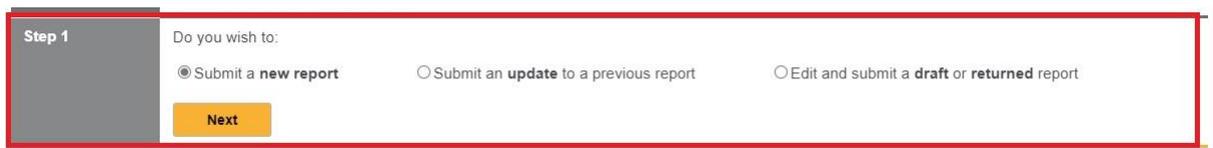
All releases and displays on Alderney must be prior coordinated with Guernsey Airport at a minimum of 14 days prior to the event.



Application Process

All notifications must be submitted via the Guernsey Airport website. This can be done by visiting www.airport.gg/external-event-application-form

Once on the website, select the 'Event Application Form' field. When ready to complete a request, the individual must select 'Submit a new report'. The request can be made as an individual or on behalf of an organisation.



Step 1 Do you wish to:

Submit a **new report** Submit an **update** to a previous report Edit and submit a **draft** or **returned** report

Next

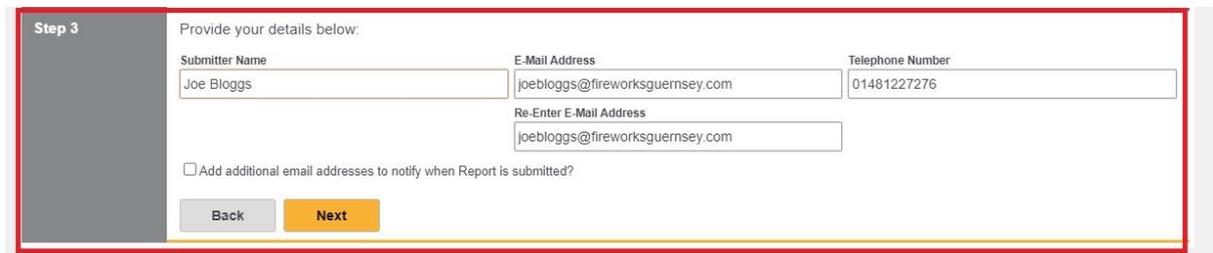
Once the initial details are supplied, the individual submitting the request must select the 'External Event Application' field.



Step 4 Select most appropriate type of report:

Submit Safeguarding Form Crane Permit
 External Event Application

Back **Start Report**



Step 3 Provide your details below:

Submitter Name: Joe Bloggs E-Mail Address: joebloggs@fireworksguernsey.com Telephone Number: 01481227276

Re-Enter E-Mail Address: joebloggs@fireworksguernsey.com

Add additional email addresses to notify when Report is submitted?

Back **Next**

The individual must complete all the required data fields prior to submitting the event application, some information may not be relevant to the application (e.g Risk and Insurance details) which can be left blank. Guernsey Airport may ask for more information if required.

General Information
Save Draft

Report Number	Safeguarding and Events Form	
<input type="text" value="2021-000699"/>	<input type="text" value="EVENT-01 - External Event Application"/>	
Permit Summary	<input type="text" value="Enter permit summary (required)"/>	Confidentiality
		<input type="text" value="Not confidential"/>
Description	<input type="text" value="Enter description (required)"/>	Location of Application
		<input type="text" value="Enter location of application (required)"/>
Submitter Name	E-Mail Address	Telephone Number
<input type="text" value="Joe Bloggs"/>	<input type="text" value="joebloggs@fireworksguernsey.com"/>	<input type="text" value="01481227276"/>
Organisation/Operator	Position/Job	
<input type="text"/>	<input type="text"/>	

- ▶ Event Detail Guidance
- ▶ Event Application Details
- ▶ Risk and Insurance Details
- ▶ Submit Permit

Once completed, each application will be assessed by Guernsey Airport. Those individuals or organisations that fall within certain areas identified as high risk may require prior approval from Air Traffic Control before the release or display can take place, this will be communicated to the applicant once the assessment has been completed.

In addition to the process above, individuals or organisations performing releases or displays by coastal areas should provide all the relevant details to Guernsey Coastguard 14 days prior to the event, this can be communicated by emailing:

coastguard@jescg.gov.gg

Further Information

For further information, email:

airport@gov.gg