

**MINUTES OF THE ROCKOON TEMPORARY ACP ASSESSMENT MEETING (ACP-2022-016)**  
**HELD ONLINE ON 01/06/2022**

08/06/2022

CAA, B2S

Present	Appointment	Representing
[CAA]	CAA	[CAA]
[CAA]	CAA	[CAA]
[CAA]	CAA	[CAA]
[CAA]	CAA	[CAA]
[B2 Space]	[B2 Space]	[B2 Space]
[B2 Space]	[B2 Space]	[B2 Space]

**Temporary Airspace Change Assessment Meeting Opening Statement**

CAA noted that the following documents (Statement of Need, Assessment Meeting Agenda and Presentation Slides) were received in advance of the Assessment Meeting and confirmed that the documents must be published by the Change Sponsor, together with the minutes of the meeting, on the airspace change portal.

CAA explained that the purpose of the Assessment Meeting, as set out in CAP 1616, was for the Change Sponsor to present and discuss their Statement of Need, provide information on how it intended to fulfil the requirements of the airspace change process and present its provisional timescales. Lastly, the Change Sponsor was required to provide information on how it intended to meet the engagement requirements of the process.

	<b>ACTION</b>
<b>Item 1 – Introduction</b>  Attendees introduced themselves	-
<b>Item 2 – Statement of Need (discussion and review)</b>  Per the uploaded Statement of Need; B2S intended to launch a balloon from Baltasound airstrip, Shetland Isles, to launch a small 2.5kNs rocket at 18km altitude (which will not exceed 23km altitude). The balloon, rocket and Gondola systems will all fall to the sea and be recovered.  <b>Action 2.1:</b> B2S to provide range of trajectories to cater for different wind directions (as the NOTAM needs to cover the whole flight).	<b>N/A – see post-meeting note</b>
<b>Item 3 – Issues or opportunities arising from proposed change</b>	<b>N/A – see post-meeting note</b>
<b>Item 4 – Process requirements</b> <ol style="list-style-type: none"> <li>i. <b>TDA Policy Statement (if applicable)</b></li> <li>ii. <b>Stakeholder engagement</b> <ul style="list-style-type: none"> <li>The CAA explained that should B2S decide to produce a stakeholder engagement strategy, the sponsor is welcome to submit this, together with the stakeholder list, <u>prior</u> to commencing engagement. By giving the CAA sight of a stakeholder engagement strategy this could help to identify any gaps and potentially save work/time in the future. Writing an engagement strategy is not a requirement of</li> </ul> </li> </ol>	<b>N/A – see post-meeting note</b>

<p>the process but it may assist the sponsor in their preparation for the engagement activity.</p> <p>The sponsor should refer to the NATMAC (National Air Traffic Management Advisory Committee) stakeholder list to assist with the identification of relevant stakeholders. Attempts should be made to identify and engage locally as well as nationally. The NATMAC list, to be provided by the CAA, should be used to supplement the sponsor's own identification of stakeholders. The sponsor was also encouraged to engage with the CAA's Flight Ops Dept who will be able to assist in identifying local stakeholders operating in the area.</p> <ul style="list-style-type: none"> <li>• A summary of key portal outputs will be provided by the CAA Account Manager post meeting.</li> <li>• The CAA explained the engagement summary report documentation required at Stage 4 (this should include an explanation of the sponsor's engagement methodology, reasons for identification of stakeholders, stakeholder list, timeline rationale, analysis of stakeholder feedback and how it has influenced the final design and raw data demonstrating engagement) and the material required to be uploaded at Step 1.</li> <li>• During TDA operational period, a requirement is placed on the sponsor to undertake regular engagement with stakeholders and to have a process in place to collate, monitor and report to CAA on the level and content of complaints.</li> </ul> <p><b>iii. Safety Assessment</b></p>	
<p><b>Item 5 – Provisional timescales</b></p> <p>The CAA indicated that the earliest completion of the ACP would be November 2022 as dictated by the CAA ACP timeline to complete all of the steps. B2 Space wish to carry out a number of 'heavy' High Altitude Platform System launches, as well as a rockoon launch, earlier than this date.</p> <ul style="list-style-type: none"> <li>• Given the nature of the proposal, a 56-day CAA Decision period (at Stage 5) will be required. The sponsor was directed to state '<i>Indicative timeline TBC</i>' in the minutes. On receipt of an indicative timeline request, which should contain key milestones such as engagement start/end date, Formal ACP Submission, CAA Decide date (Stage 5) and <a href="#">target AIC</a> with sponsor submission cut off, the CAA will conduct a timeline analysis to identify if Airspace Regulation can accommodate the dates proposed. Airspace Regulation may present an alternative suggestion of an indicative timeline that hopefully meets the sponsor's aims/objectives.</li> <li>• The CAA explained the publication schedule for Aeronautical Information Circulars &amp; AIP Supplements and explained the difference in key terminology with 'notification' vs 'activation'.</li> </ul>	<p><b>N/A – see post-meeting note</b></p>
<p><b>Item 6 – Next steps</b></p> <ul style="list-style-type: none"> <li>• Government has directed the CAA to consider the sponsor's assessment of the noise impact of each proposed temporary change to airspace design before it makes a decision on them, unless the CAA is satisfied that the specific details in the proposal mean that this is not needed. The specific circumstances of this proposal mean that no assessment is required of the direct impacts as the balloon has no propulsion system and makes no noise. Additionally, it is considered likely that no assessment of noise will be required for the consequential effect on civil traffic patterns. However, the CAA requested that the Sponsor speak with the CAA once they establish further detail about the types and volume of traffic using the airspace, the behaviour of these aircraft and the duration that the danger area would be activated for.</li> </ul>	<p><b>N/A – see post-meeting note</b></p>

<ul style="list-style-type: none"> <li>• The CAA Account Manager explained that the sponsor must provide a copy of the draft minutes by Friday 10 June 2022 as this allows time for the minutes to be reviewed internally. Once the minutes have been agreed, the CAA will ask the sponsor to upload a suitably redacted copy onto the airspace portal, along with a finalised version of the presentation slides (this must be completed within 2 weeks from the date of the meeting – deadline: Friday 17 June 2022 taking into account the two Bank Holidays).</li> <li>• The CAA Account Manager will publish the following statement on the airspace portal post meeting: <u>“The Assessment Meeting was held on 1 June 2022. The CAA agrees that the issues identified in the Statement of Need are appropriate for consideration under the Temporary ACP process.”</u></li> </ul>	
<p><b>Item 7 – Any Other Business</b></p> <p>None</p>	<p>-</p>
<p><b>Item 8 – Post Meeting Note</b></p> <p>B2 Space are involved in High Altitude Platform System (HAPS) balloon projects with the Authorities in a different Country and have previously launched balloons under their approvals, as well as preparation to launch the rockoon. Additionally, B2S has received assistance for rocket ground tests from their Space Agency. Hence all of this assistance expedites the process, as the Authorities have provided the relevant authorisations and clearances necessary for B2 Space activities within the project timelines.</p> <p>Hence, B2 Space no longer wish to proceed with the ACP application process for this prototype rockoon launch from the UK.</p>	<p><b>CAA to close down the ACP</b></p>

## ACTIONS ARISING FROM THE ROCKOON TEMPORARY ACP ASSESSMENT MEETING

Subject	Name	Action	Deadline
Closure of ACP	CAA	Closure of ACP	17/06/2022

B2 Space  
ACP Sponsor