



DAP 1916 - Statement of Need: Intended Change to Notified Airspace

This form may be used to provide information to the CAA about an intended change. Once this form is completed, then please submit it by clicking the button at the end of this form.

1. Change Title

Please enter a title for this intended change, (max 80 characters): *

Temporary Transponder Mandatory Zone October 2018

2. Change Sponsor Details

Please select the appropriate category and complete. *

- ☒ A Company
- ☐ An Unincorporated Association or other body
- ☐ Individual (including sole traders and partnerships)

2a. A Company

Registered Company name (in full) *

Cornwall Airport Ltd

Registered Company Number

Country of Company Registration

UK

Registered Office Address

Cornwall Newquay Airport, St Mawgan House, NEWQUAY, Cornwall

Postcode

TR8 4RQ

E-mail

Trading name (if applicable)

Trading Address (primary site)

Country

Postcode

Website address

Primary Point of Contact Name *

Telephone *

E-mail *

Secondary Point of Contact Name

Telephone

E-mail

3. Independent Aviation/Airspace Consultancy

☐ Is an Independent Aviation/Airspace Consultancy involved in this proposal?

4. Summary of Intended Change

Please use the check boxes below to indicate the nature of the intended change(s): *

- | | | |
|--|--|--|
| <input type="checkbox"/> Flight Information Region (ENR 2.1) | <input type="checkbox"/> Upper Information Region (ENR 2.1) | <input type="checkbox"/> Terminal Control Area (ENR 2.1) |
| <input type="checkbox"/> Other Regulated Airspace (ENR 2.2) | <input type="checkbox"/> Lower ATS Routes (ENR 3.1) | <input type="checkbox"/> Upper ATS Routes (ENR 3.2) |
| <input type="checkbox"/> Area Navigation Routes (ENR 3.3) | <input type="checkbox"/> Helicopter Routes (ENR 3.4) | <input type="checkbox"/> Other Routes (ENR 3.5) |
| <input type="checkbox"/> En-Route Holding (ENR 3.6) | <input type="checkbox"/> Name-Code Designators (ENR 4.4) | <input type="checkbox"/> Prohibited/Restricted/Danger Areas (ENR5.1) |
| <input type="checkbox"/> Military Exercise/ Training Areas (ENR 5.2) | <input type="checkbox"/> Other Danger/ Hazard (ENR 5.3) | <input type="checkbox"/> Aerial/Sporting/Recreational Activities (ENR 5.5) |
| <input type="checkbox"/> Bird Migration/Sensitive Fauna (ENR 5.6) | <input checked="" type="checkbox"/> ATS Airspace (AD-EGXX-2.17) | <input type="checkbox"/> Flight Procedures (AD-EGXX-2.22) |
| <input type="checkbox"/> ATCSMAC (AD-EGXX-5) | <input type="checkbox"/> Standard Instrument Departure (AD-EGXX-6) | <input type="checkbox"/> Standard Arrival Route (AD-EGXX-7) |
| <input type="checkbox"/> Instrument Approach Procedure (AD-EGXX-8) | <input type="checkbox"/> Visual Reference Point | <input type="checkbox"/> Release of Controlled Airspace |

Please use the check box below to indicate whether this is an administrative change:

☐ Does your proposal represent an administrative change to the Aeronautical Information Publication (AIP)?

5. Statement of Need

Please provide a brief 'Statement of Need' expressing explicitly what airspace issue or opportunity you are seeking to address. Your Statement of Need should clearly articulate the current situation, the issue (and the cause of it) to be resolved or the opportunity to be addressed along with any other factors or requirements. *

Newquay Airport is a medium sized regional airport in Cornwall UK operating scheduled services to Gatwick, Dublin and other destinations as well as general aviation and military traffic including training. Aircraft operating scheduled services include Boeing 737-800, Embraer E195, DHC Dash 8-400, DHC Twin Otter and Britten Norman Islanders.

Excluding the Aerodrome Traffic Zone, Newquay Airport has no Controlled Airspace. There are three general aviation aerodromes within 15 nm of Newquay

Protection to arriving and departing movements is provided by an Approach Radar Unit using a Leonardo ATC33R primary radar with a co-located SIRS secondary radar capable of Mode A, C and S operation.

The radar has been in position for nearly 12 years and the main rotation bearing is showing signs of wear and needs replacing. As the primary and secondary radar are co-located, the shut down of the radar rotation will remove all radar cover from Newquay.

Initially enquires of neighboring radar units have been made, but there is no unit that could provide cover below 3000ft, the level where it is most likely for conflicting light aircraft to operate. Western Radar based at Whiteleigh, using the NERL radar at Burrington are able to provide a service down to FL70.

To provide a measure of protection to scheduled service flights it is proposed that a Transponder Mandatory Zone of a size sufficient to cover the descent and approach from FL70 down and from take off to FL70 be instigated for the proposed period of the radar outage.

The TMZ would provide assurance to scheduled service aircraft that any traffic not communicating with Newquay or not known to Newquay would be indicated to the aircraft ACAS system and would allow the scheduled service aircraft to take the appropriate actions.

The proposed TMZ would be in position for a maximum of 3 weeks and would be cancelled earlier once the Newquay Radar is returned to service

Please specify the altitudes (where applicable) affected by your Statement of Need:

- ☒ Surface to below 4,000 feet
- ☒ 4,000 feet to below 7,000 feet
- ☐ 7,000 feet to below 20,000 feet
- ☐ 20,000 feet and above

6. Proposed Dates

Please provide your proposed date for the submission of your change proposal to the CAA. This should be the date on which you are expecting to submit your formal airspace change proposal to the CAA. Please note that your formal airspace change proposal must be submitted alongside all of the supporting documentation required by the CAA to complete our regulatory assessment of the Proposal; consequently the date on which you place in this field should represent the point at which you will have the formal airspace change proposal **and all** of the supporting documentation ready to submit to the CAA. This date is required to assist us with the allocation of the required CAA-resource to your proposal and therefore it is a key date in our planning process. Whilst we will try to accommodate your specified timescales, there may be occasions where it is not possible for us to do so given the large number of projects that are already 'in process' You should also note that any changes to the above date may impact our ability to process your airspace change proposal within your preferred timescales. It should also be noted that from September 2018 any amendments submitted by a Data Originator or ANSP for onward promulgation in the UK IAIP will be subject to the Aeronautical Data Quality Requirements. See [Commission Regulation \(EU\) No 73/2010](#) (updated by 1029/2014) and [CAP 1054: Aeronautical Information Management](#) guidance material for further information. These requirements will be discussed in greater detail during the course of your initial meeting with the CAA.

☒ Confirmation of Understanding *

Please provide your proposed date for the submission of your change proposal to the CAA. *

01 Jun 2018

Please provide your proposed AIRAC effective date *

AIRAC 10/2018

If this change forms a part of a modular airspace change proposal please provide the relevant title and further information below (Note we will require individual submissions for each module) . *

N/A

If this change requires the implementation of a Five-Letter Name Code (5LNC) please specify your requirements below: *

N/A