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UNITED KINGDOM



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NOTIFICATION OF EN-ROUTE OBSTACLES - RE-ISSUE OF AIC P 067/2021

1 Introduction

- 1.1 With effect from **6 September 2021**, Article 225A of the Air Navigation Order (ANO) 2016 (as amended) will be implemented. This will mandate the requirement for the Civil Aviation Authority (CAA) to be notified of any en-route obstacle which attains or exceeds a height of 100 M AGL.
- 1.2 The notification requirement is applicable to any existing or planned land based building, structure or erection (permanent and temporary) located in the UK, the height of which is (or is planned to be) 100 M AGL or more. It is also applicable to any existing or planned off-shore structure (permanent and temporary) located within UK territorial waters, the elevation of which is (or is planned to be) 100 M or more AMSL.
- 1.3 The responsibility for making this notification rests with the person in charge of an existing en-route obstacle or of planned works which would result in an en-route obstacle.
- 1.4 Persons in charge of existing or proposed off-shore obstacles outside UK territorial waters, but within the UK Flight Information Regions and Exclusive Economic Zone within the Norwegian Flight Information Region are also advised to notify the CAA in accordance with ANO Article 225A.
- 1.5 The notification procedures are detailed below. A new notification form is being developed and will be available on the CAA website (<http://www.caa.co.uk/>) in due course.

2 Existing En-route Obstacles

- 2.1 Except where the CAA has already been notified, the person in charge of an existing en-route obstacle must notify the CAA in writing as soon as reasonably practicable, providing the following:
- the obstacle's type and colour;
 - the obstacle's position, represented by geographical coordinates in degrees, minutes and seconds;
 - the obstacle's elevation AMSL and height AGL to the nearest metre or foot; and
 - the type and colour of any obstacle lighting (see paragraph 6 for related legislation on obstacle lighting).

3 New En-route Obstacles

- 3.1 Where it is proposed to erect a new en-route obstacle or increase the height of an existing building, structure or erection to the extent that it becomes an en-route obstacle, the person in charge must notify the CAA in writing at least 8 weeks before commencement of the works (or, where there is an urgent need to commence the works or time does not permit the notification to be given at least 8 weeks before commencement of the works, as soon as reasonably practicable). The notification must provide the following:
- the obstacle's type (or planned type);
 - the obstacle's position, represented by geographical coordinates in degrees, minutes and seconds;
 - the obstacle's proposed elevation AMSL and height AGL to the nearest metre or foot;
 - the type and colour of any obstacle lighting (see paragraph 6 for related legislation on obstacle lighting); and
 - the scheduled dates of commencement and completion of the works.

3.2 Upon completion of the planned works, the person in charge must, no later than 30 days after the actual completion of the planned works, notify the CAA in writing of such completion and whether there has been any change to the information previously provided.

4 Changes to Existing En-route Obstacles

4.1 Where it is proposed to change the height (see also paragraph 4.3) or lighting of a previously notified existing en-route obstacle, the person in charge of that obstacle must notify the CAA in writing at least 8 weeks before commencement of the works (or, where there is an urgent need to commence the works or time does not permit the notification to be given at least 8 weeks before commencement of the works, as soon as reasonably practicable). The notification must provide the following:

- a) the obstacle's type;
- b) the obstacle's position, represented by geographical coordinates in degrees, minutes and seconds;
- c) the obstacle's elevation AMSL and height AGL to the nearest metre or foot prior to and upon completion of the necessary works;
- d) the type and colour of any obstacle lighting to be fitted to (or removed from) the obstacle (see paragraph 6 for related legislation on obstacle lighting); and
- e) the scheduled dates of commencement and completion of the works.

4.2 Upon completion of the planned works, the person in charge must, no later than 30 days after the actual completion of the planned works, notify the CAA in writing of such completion and whether there has been any change to the information previously provided.

4.3 Where it is proposed to reduce the height to the extent that it will no longer be defined as an en-route obstacle, the procedure detailed in paragraph 5 should be followed instead.

5 Removal of En-route Obstacles

5.1 Where it is proposed to completely remove an existing en-route obstacle or reduce the height to the extent that it will no longer be defined as an en-route obstacle, the person in charge of that obstacle must notify the CAA in writing at least 8 weeks before commencement of the works (or, where there is an urgent need to commence the works or time does not permit the notification to be given at least 8 weeks before commencement of the works, as soon as reasonably practicable). The notification must provide the following:

- a) the obstacle's type;
- b) the obstacle's position, represented by geographical coordinates in degrees, minutes and seconds;
- c) the obstacle's elevation AMSL and height AGL to the nearest metre or foot prior to and upon completion of the necessary works;
- d) the scheduled dates of commencement and completion of the works.

5.2 Upon completion of the planned works, the person in charge must, no later than 30 days after the actual completion of the planned works, notify the CAA in writing of such completion and whether there has been any change to the information previously provided.

6 Related Legislation on Obstacle Lighting

6.1 The following ANO Articles relate to obstacle lighting:

- Article 222 - Lighting of en-route obstacles; and
- Article 223 - Lighting of wind turbine generators in UK territorial waters.

6.2 Attention should also be paid to Articles 224 (Lights liable to endanger) and 225 (Lights which dazzle or distract).

6.3 The current version of the ANO is available at <http://www.caa.co.uk/CAP2038A00>. Article 225A (Notifications relating to en-route obstacles) will be incorporated into the linked document in due course.

7 Promulgation

- 7.1** Upon receipt of a notification, the CAA will assess the details and notify parties affected by it, including safeguarded aerodromes (if appropriate). Immediate or short notice changes will initially be notified by NOTAM and, if of a long-term (90 days or greater) or permanent nature, subsequently incorporated into the UK AIP section ENR 5.4, which is updated every 28 days (on each AIRAC date). To view the current electronic file of notified en-route obstacles, select the Area 1 Obstacles File (ENR 5.4) link from the list available at:

<https://nats-uk.ead-it.com/cms-nats/opencms/en/Publications/digital-datasets/>

Temporary obstacles (or changes) of less than 90 days duration will be notified by NOTAM only.

8 Further Information

- 8.1** Specific guidance for wind turbines is published in CAP 764 (<https://www.caa.co.uk/cap764>). Crane users should also refer to CAP 1096 (<https://www.caa.co.uk/cap1096>) and the CAA's crane notification webpage <https://www.caa.co.uk/Commercial-industry/Airspace/Event-and-obstacle-notification/Crane-notification/>.