



**AERONAUTICAL SERVICES
ADVISORY MEMORANDUM
(ASAM)
Focal Point : Gen**

ASAM.
No: 020
Issue 2
Date:21.01.15
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Title: Guidance Material on Temporary Airspace

1. PURPOSE

- 1.1. The purpose of this memorandum is to provide information to persons or organisations on whether an application for Temporary Airspace (TA) is required having regard EU REG 923 - SERA.
- 1.2. This policy describes the requirements for TA proposals to be submitted to the Irish Aviation Authority.

2. REFERENCES

- 2.1. Article 2 of the COMMISSION REGULATION (EC) No 2150/2005 of 23 December 2005 laying down common rules for the flexible use of airspace.
- 2.2. EU REG 923 - SERA gives the power to the Irish Aviation Authority to impose restrictions on the flying of aircraft over or in the vicinity of any district or place within the state.
- 2.3. **Temporary Reserved Area (TRA)** is an airspace temporarily reserved and allocated for the specific use of a particular user during a determined period of time and through which other traffic may be allowed to transit under Air Traffic Control (ATC) clearance.
- 2.4. **Temporary Segregated Area (TSA)** is an airspace temporarily segregated and allocated for the exclusive use of a particular user during a determined period of time and through which other traffic will not be allowed to transit.
- 2.5. The specific conditions that airspace may be designated as TRA/TSA are:
 - 2.5.1. In the interest of safety within the Irish Aviation system; or
 - 2.5.2. In the interest of national security; or
 - 2.5.3. For any other reason in the public interest.
- 2.6. Pressure for the designation of airspace for commercial purposes rather than safety has come from event organizers. Existing legislation does not allow the designation for commercial advantage.
- 2.7. See Temporary Airspace Application Form - ASAM.F.No020A

3. PROCEDURE

- 3.1. (Refer to the Temporary Airspace Process Flow Chart in Appendix 1)
 - 3.1. **Application** - Assessing validity of a TA application.
 - 3.1.1. Each individual application for the designation of a Temporary Area must be assessed, and it may be justified if it falls within the following guidelines:
 - 3.1.1.1. There are a number of aircraft involved in a major search and rescue or civil defence operation and it is likely other aircraft will affect the safety of the operation; or
 - 3.1.1.2. There is a major aviation event involving a large number of aircraft; or
 - 3.1.1.3. There is significant aerobatics that could endanger other aircraft; or
 - 3.1.1.4. There is a request from the Department of Justice who generally make such requests on the grounds of security.
 - 3.1.2. Prior to preparing a Direction for a Temporary Area the PANS-OPS & Airspace Inspector must be in possession of either
 - 3.1.2.1. A request from the Department of Justice; or



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- 3.1.2.2. A request from Flight Operations Department that the restriction is necessary on the grounds of public and air safety; or
 - 3.1.2.3. A request from an ATS Inspector that the temporary restriction is necessary on the grounds of air safety.
 - 3.1.3. Temporary Areas should be:
 - 3.1.3.1. Designated only where it is necessary in the interest of aviation safety; and
 - 3.1.3.2. Where it is necessary on grounds of security; and
 - 3.1.3.3. Must be the minimum size necessary to encompass the activity expected within; and
 - 3.1.3.4. Designated only within the limits of Irish airspace.
 - 3.1.3.5. Coordinates and timings should be submitted in WGS-84 and UTC respectively but they may be submitted in Irish National Grid and local times.
 - 3.1.3.6. Both coordinates and timings shall be published in WGS-84 and UTC only.
 - 3.1.4. The type of activity for which the area is designated and a controlling authority to control the entry and operation within the temporary area should be specified.
 - 3.1.5. Within the Irish Aviation Authority the Chief Executive and the Director Safety Regulation Division are the only designates authorised to sign Directions.
- 3.2. Dimensions of Temporary Areas.**
- 3.2.1. Any temporary area established must be the minimum size necessary to encompass the activity expected within.
 - 3.2.2. The need for airspace must be justified and if necessary, a lesser volume of airspace than requested should be designated if the request is excessive.
 - 3.2.3. Designated only within the limits of Irish airspace.
- 3.3. Direction and AIP Supplement.**
- 3.3.1. The Direction shall contain-**
- 3.3.1.1. Area Description;
 - 3.3.1.1.1. Title - Must be identified by the ICAO nationality letters of the applicable state followed by the letter "R"/"S" followed by a number that is not used to identify any other portion of airspace designated (e.g. EIR0109, EIS0209); and
 - 3.3.1.1.2. Boundaries - A description of the proposed area's perimeter and any subdivisions. Coordinates shall be expressed in WGS-84, latitude and longitude in degrees, minutes and decimals of minutes; and
 - 3.3.1.1.3. Altitudes - state the lower level and upper level of the proposed area in feet and /or flight levels; and
 - 3.3.1.1.4. Times of use – All times shall be expressed in UTC. State the times of use to be published for the area. In cases where the user plans to use the airspace during different blocks of time each day, describe those planned operations to provide as accurate a picture as possible of the projected daily use of the airspace; and
 - 3.3.1.2. Controlling agency – State the agency to be assigned as controlling agency; and
 - 3.3.1.3. State the major activity to be conducted in the proposed TA.
 - 3.3.1.4. Exemptions for persons or aircraft from the provisions of the direction.
 - 3.3.1.5. Include any other information that the Chief Executive or the Director Safety Regulation Division considers appropriate.
 - 3.3.1.6. The original signed direction will be placed with the company legal secretary. A copy will be held by the designated Flight Operations Officer charged with handling special events.
- 3.3.2. The AIP Supplement shall contain-**
- 3.3.2.1. Area Description;
 - 3.3.2.1.1. Title - Must be identified by the ICAO nationality letters of the applicable state followed by the letter "R"/"S" followed by a number that is not used to identify any other portion of airspace designated (e.g. EIR0109, EIS0209); and
 - 3.3.2.1.2. Boundaries - A description of the proposed area's perimeter and any subdivisions. Coordinates shall be expressed in WGS-84, latitude and longitude in degrees, minutes and decimals of minutes; and
 - 3.3.2.1.3. Altitudes - state the lower level and upper level of the proposed area in feet and /or flight levels; and



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- 3.3.2.1.4. Times of use – All times shall be expressed in UTC. State the times of use to be published for the area. In cases where the user plans to use the airspace during different blocks of time each day, describe those planned operations to provide as accurate a picture as possible of the projected daily use of the airspace; and
 - 3.3.2.2. Controlling agency – State the agency to be assigned as controlling authority; and
 - 3.3.2.2.1. Radio frequency - Any radio frequency and transmission intervals; and
 - 3.3.2.2.2. If known, state whether radar and /or radio communications will be used to monitor the airspace. Identify the facility or agency that will provide radio and/or radar monitoring.
 - 3.3.2.2.3. If a military ATC facility will be designated as the controlling agency for the airspace, indicate whether a flight information service will be provided to non-participating pilots. If applicable, provide a VHF frequency to be depicted on aeronautical charts.
 - 3.3.2.3. Describe the type of activities to be conducted in the proposed TA.
 - 3.3.2.4. Exemptions for persons or aircraft from the provisions of the direction.
 - 3.3.2.5. Submit an aeronautical chart depicting the boundaries of the proposed TA and any subdivisions.
 - 3.3.2.6. In the case of pre-planned events, a minimum of 90 days notice is required to allow processing within the AIM AIRAC system.
 - 3.3.2.7. Include any other information that the Chief Executive or the Director Safety Regulation Division considers appropriate.
- 3.4. Promulgation of the TA**
- 3.4.1. Details of any Temporary Areas to be established should be emailed to the AIS office after validation for promulgation into the AIRAC AIP Supplement system.
 - 3.4.2. A copy should be sent to the applicant as well as to the designated Flight Operations Officer charged with handling special events within SRD.
 - 3.4.3. Airspace that is designated by a direction should be promulgated-
 - 3.4.3.1. In an AIP Supplement; or
 - 3.4.3.2. In exceptional circumstances by NOTAM: and
 - 3.4.3.3. On the IAA web site.



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Appendix 1 - TA Process

