

The following is an extract from COMREG Guidelines document, 00/64 R in relation to Wireless Telegraphy (Fixed Satellite Earth Stations) Regulations, 2000 (S.I. No. 261 of 2000), covering the use of Satellite Earth Stations.

The COMREG contact nominee in relation to this publication is Mr. David Thom, 01 804 9602

Annex E: Airport Exclusion Zones and Notification Areas

Exclusion Zones are applicable to Transportable Satellite Earth Stations and Non-Transportable Satellite Earth Stations. Notification Areas are applicable to Transportable Satellite Earth Stations only. Details of Notification Areas and Airport Exclusion Zones are given below.

E.1 Notification Areas

Definition

A notification area is a circle of radius 7 km, which is centred on the airport reference point of an airport equipped with an Instrument Approach Facility.

Notification Procedure

Operators of satellite earth stations must notify the Airport Contact Person of their intention to operate within a notification area.

- This advance notification must include the location, date, time and duration of each transmission.
- In the case of transportable earth stations (TES), an EIRP limit of 70 dBW will apply within the notification area.
- A dedicated (mobile) telephone line, plus a back-up line, must be made available by the TES operator, which directly connects the TES and the Airport Contact Person. The TES must be contactable with this telephone number, 24 hours a day, for the whole period of the operation.

NOTE: The Airport Contact Person at Cork, Dublin and Shannon airports for this purpose is the Duty Systems Manager, Air Navigation Services, IAA.

The TES must cease transmitting immediately if requested to do so by the Airport Contact Person.

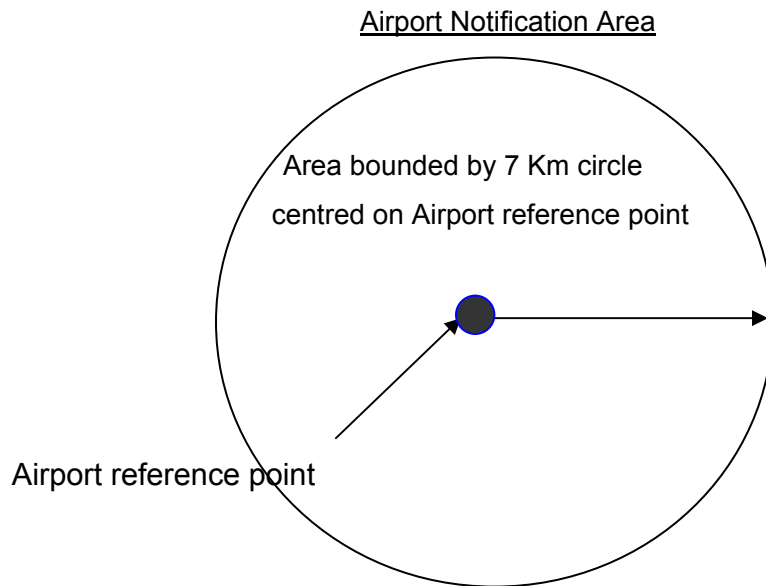
Where are Notification Areas?

Notification areas exist at the airports listed below that are currently equipped with Instrument Approach Facilities

Table 1 gives details on these airports.

TABLE 1

AIRPORT	Airport Reference Point	Airport Contact Person	Phone	24-HR	FAX
Cork	Lat 51 50 27 N	Aer Rianta. Duty Officer	021 4329659	021 4329659	021 313442
	Long 008 29 20 W	I.A.A Duty Engineer	021 4329618 Or 087 2943472	087 9794487 or 0876344541	021 313029
Donegal	Lat 55 02 55 N Long 008 21 14 W	Operations Manager	075 48284	087-2938230	075 48483
Dublin	Lat 53 25 17 N	Aer Rianta. Duty Officer	01 8144774	01 8144774	01 8145479
	Long 006 16 12	I.A.A Duty Engineer	01 8067301	01 8067301	01 8445374
Galway	Lat 53 18 05 N Long 008 56 21 W	Operations Manager	091 755569	086-8330525	091 752876
Kerry	Lat 52 10 52 N Long 009 31 53 W	Airport Manager	066 9764644	087-2544100	066 9764134
Knock	Lat 53 54 36 N Long 008 49 04 W	Airport Manager	094 67222	094 67222	094 67232
Shannon	Lat 52 42 07 N	Aer Rianta. Duty Officer	061 712240	061 712240	061 474240
	Long 008 55 29 W	I.A.A Duty Engineer	061 363246	061 363246	061 471860
Sligo	Lat 54 16 30 N Long 008 36 00 W	Airport Manager	071 9168280	071 9167700	071 9168396
Waterford	Lat 52 11 17 N Long 007 05 13 W	Airport Manager	051 875589	087 2321574	051 871701



E.2 Exclusion Zones

Definition:

An exclusion zone is an area 1000 metres wide (centred on the runway centre line) and extending 7 km in the approach direction from the stop end of each Instrument Landing Systems (ILS) equipped airport runway.

Where are Exclusion Zones?

Exclusion zones exist at airports that are currently equipped with Instrument Landing Systems (ILS). Table 2 gives details on the airports that are currently equipped with Instrument Landing Systems:

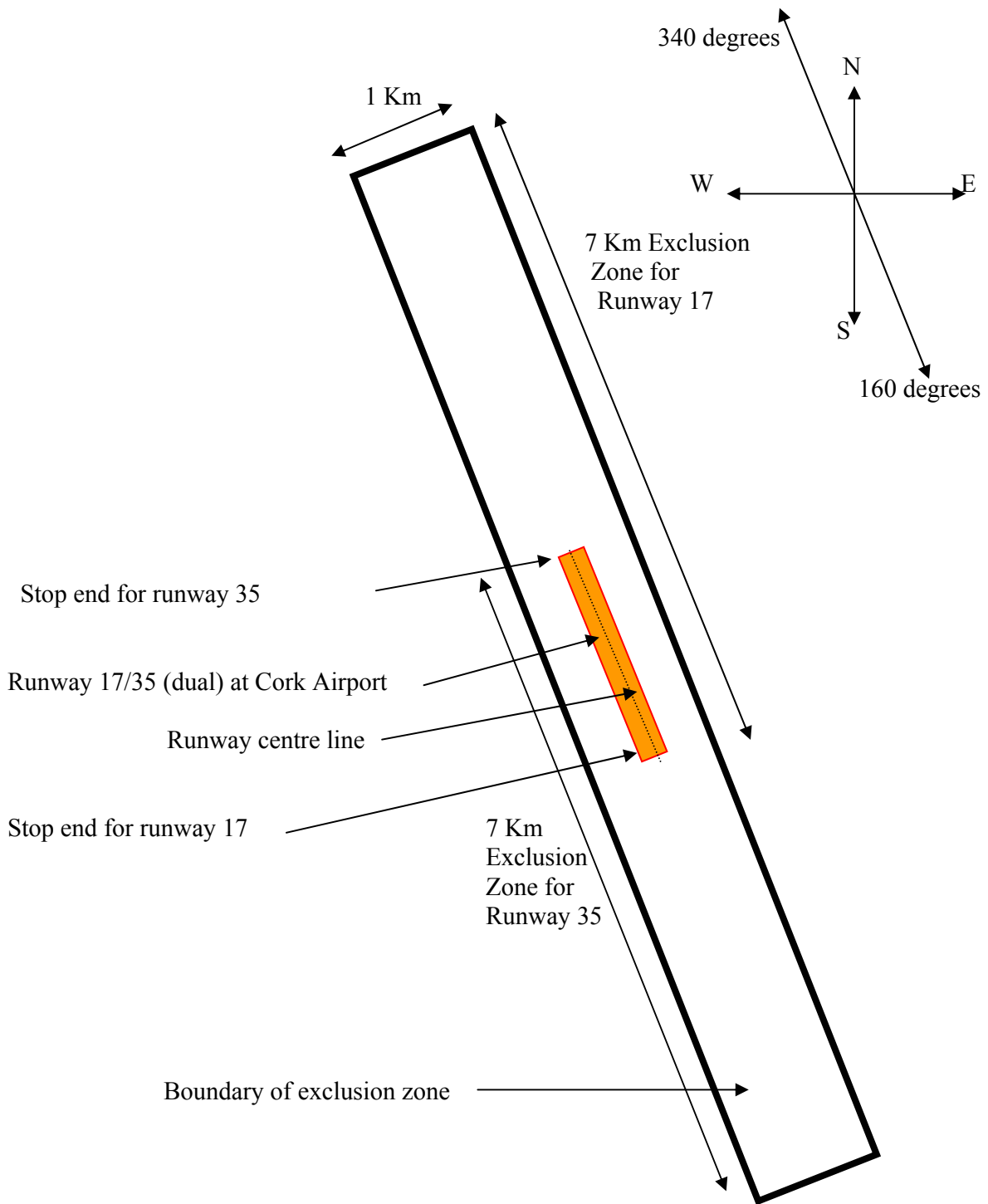
TABLE 2

Airport Name	Runway ILS	Direction of Exclusion Zone (from Runway stop end in degrees East of True North)	Stop end	
Cork	17	340 degrees	N 51 49.9	W 008 29.1
	28			
	} dual			
		160 degrees	N 51 51	W 008 29.8
Dublin	28	095 degrees	N 53 25 20.75	W 006 17 24.27
	10	275 degrees	N 53 25 12.94	W 006 15 02.08
	16	337 degrees	N 53 25 11.66	W 006 14 58.54
	} dual			
Shannon	6	232 degrees	N 52 42 36	W 008 54 24
	24	052 degrees	N 52 41 36	W 008 56 24
	} dual			
Knock	27	079 degrees	N 53 54 31	W 008 50 09
Kerry	26	071 degrees	N 52 11 40.75	W 009 32 15.46
Waterford	21	021 degrees	N 52 10 53.65	W 007 05 21.87
Donegal	21	023 degrees	N 55 02 22	W 008 20 35

Fixed Satellite Earth Stations may not operate within an exclusion zone, except with the permission of the relevant Airport Contact Person.

Note: If the satellite earth station operator is in any doubt as to the location or extent of an exclusion zone he/she should contact the Irish Aviation Authority at 061 474377.

Example: Exclusion Zone at Cork Airport



Note 1 All bearings are given in degrees **east of True North**

Note 2 This diagram is not to scale