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**ENR 5.5 AERIAL SPORTING AND RECREATIONAL ACTIVITIES****1. FLIGHT OF MANNED FREE BALLOONS IN SHANNON FIR**

Navigation of manned free balloons in the Shannon FIR shall be subject to the following conditions:

- 1.1 Flights in controlled airspace require a specific written permission from the Authority and the balloon must be transponder equipped.  
Flights in uncontrolled airspace only require a flight plan to be filed and no transponder is required.
- 1.2 Flights shall be made only in accordance with the Visual Flight Rules and by day.
- 1.3 Flights shall not be made if the operating characteristics of the balloon and the actual and forecast wind indicate that there is any risk of entry into controlled airspace.
- 1.4 Flights shall be made only in accordance with the permission and any conditions attached thereto.
- 1.4.1 Permission should be sought, in writing from:
- Post: Flight Operations Department,  
The Irish Aviation Authority,  
The Times Building,  
11-12 D'Olier Street  
Dublin 2  
Ireland
- 1.4.2 For flights within the State, application for permission shall be made at least seven days before the intended flight.
- 1.4.3 For flights entering or leaving the State, application for permission shall be made at least fourteen days before the intended flight and shall be accompanied by a copy of a letter of authorization from the State of departure of the State of intended landing, as appropriate.
- 1.4.4 Applications for permission shall include the following information:
- Type of flight e.g. VFR (local or international)
  - Identification of balloon (registration mark)
  - Place of ascent (co-ordinates)
  - Date and intended time (UTC) of ascent
  - Type, diameter, shape and colour of balloon
  - Estimated elapsed time of flight
  - Altitude (maximum en route)
  - Rate of ascent (normal and maximum)
  - Estimated track (magnetic)
  - Place of intended landing
  - Type, make, effective range and available frequencies of radio air/ground communication equipment
  - Details of radio and other navigation equipment
  - Endurance (Hours)
  - Emergency and survival equipment
  - Name of pilot in command
  - Number of persons on board
  - Name, address and telephone number operator.
- 1.4.5 For flights leaving the State an ATC Flight Plan, repeating the information detailed in [ENR 1.4.4](#) shall be filed with the appropriate ATC unit at least 24HR before the estimated time of departure.
- 1.4.6 Permission for a series of flights may be given subject to arrangements acceptable to the Authority.

- 1.5 Notification to ATC
- 1.5.1 Intention to operate a flight, or a series of flights in the State within a single day, shall be notified by telephone to the appropriate ATC unit at least one hour before the intended time of departure.
- 1.5.2 In the case of flights leaving the State, the time of departure shall be notified to the appropriate ATC unit as soon as possible after take-off.
- 1.5.3 Completion of the flight or series of flights within a single day shall be notified to the appropriate ATC unit.

## 2. OPERATION OF TETHERED BALLOONS WITHIN THE SHANNON FIR

- 2.1 This section is applicable to any balloon that is tethered to the surface of the earth or an object thereon and that exceeds 6 feet in any linear dimension or a gas capacity of more than 115 cubic feet.
- 2.2 All applications to operate such balloons must be made to the Flight Operations Department of the Irish Aviation Authority on the appropriate application form. Forms can be obtained from

Post: The Irish Aviation Authority,  
The Times Building,  
11-12 D'Olier Street  
Dublin 2  
Ireland

Phone: +353 1 603 1540

Fax: +353 1 677 4460

- 2.3 All completed application forms must be forwarded to the IAA not less than 14 days prior to the proposed operation.

## 3. FLIGHT OF UNMANNED FREE BALLOONS WITHIN THE SHANNON FIR

Flight of unmanned free balloons in the Shannon FIR shall be subject to the following conditions:

- 3.1 Unmanned free balloons exceeding two metres in any linear dimension at any stage of their flight shall not be flown within the Shannon FIR except with the prior permission of the appropriate authority.
- 3.2 Permission should be sought from the Flight Operations Department,

Post: The Irish Aviation Authority,  
The Times Building,  
11-12 D'Olier Street  
Dublin 2  
Ireland

- 3.3 The foregoing conditions do not apply to unmanned balloons used by Meteorological Services for the purposes of upper air observations.

## 4. SMALL UNMANNED AIRCRAFT (DRONES) - INCLUDING MODEL RC AIRCRAFT

- 4.1 Small Unmanned Aircraft/Drone/RC Model information for recreational and aerial work is available from the following non-regulatory bodies:

*Note: The Irish Aviation Authority is not responsible for the content of the website(s) listed below.*

**Model Aircraft Council of Ireland (MACI)** <http://www.maci.ie>

**Unmanned Aircraft Association of Ireland** <http://www.uaai.ie>

- 4.2 The Irish Aviation Authority recommends Drone operators have public liability insurance to cover the operation of the intended flight activity.
- 4.3 Small Unmanned Aircraft/Drones shall not be operated higher than 50ft (15m) above ground level within Controlled Airspace without a Specific Operating Permission issued by the Authority or at MACI locations listed in [ENR 5.5.6.2 Model Aircraft Flying](#)
- 4.4 Small aircraft which weigh more than 25kg shall not be flown except with the permission of the IAA and in accordance with any conditions specified in relation to such permission.

- 4.5 Nothing shall be dropped from a Small Unmanned Aircraft/Drone, whether or not attached to a parachute, so as to endanger persons or property.
- 4.6 Applications for Specific Operating Permissions, Pilot Competency Certificates, Special Approvals and additional compliance guidance information is available in the General Aviation Section at the Irish Aviation Authority website <http://www.iaa.ie>

*Note: A Pilot Competency Certificate(s) is required to fly a Small Unmanned Aircraft/Drone as a component to a Specific Operating Permission*

- 4.7 Small Unmanned Aircraft/Drones equal to or greater than 1kg are required to be registered with the Irish Aviation Authority Ref AN-U01.  
Small Unmanned Aircraft/Drones less than 1kg maximum weight, constructed of wood, paper or frangible plastic and containing no substantial parts when operated below 15m above the ground or water and in a manner that does not create a hazard to persons, property or other aircraft are not subject to the Small unmanned Aircraft (Drones) & Rockets Order SI 563 of 2015, Aeronautical Notices & Directions unless specifically stated. ([ENR 5.5.4.8](#))
- 4.8 Small Unmanned Aircraft (Drones) & Rockets Order Statutory Instrument 563 of 2015 (*excerpt of legal text*):
1. Aircraft subject to this order shall be required to be registered in a manner established by the Authority.
  2. A person who has charge of the operation of a small unmanned aircraft shall not permit that aircraft to be operated:
    - a. so as to cause a hazard to another aircraft; or
    - b. in the vicinity of aircraft manoeuvring in an aerodrome traffic circuit;
    - c. in a negligent or reckless manner so as to endanger life or cause damage to the property of others.
  3. Small unmanned aircraft shall give way to manned aircraft.
  4. The Authority may define areas within Air Traffic Services airspace, where small Unmanned Aircraft/Drones activity may take place.
  5. A person who has charge of the operation of a small unmanned aircraft which has a mass of less than 25 kilograms, without fuel but including any articles or equipment installed in or attached to the aircraft and including cargo at the commencement of its flight shall not allow such an aircraft to be flown, unless otherwise permitted by the Authority and subject to such conditions as are required by such permission:
    - a. within a prohibited area, a restricted area, or controlled airspace;
    - b. in Air Traffic Services airspace, other than controlled airspace, within 5km of an aerodrome during periods of aircraft operations, unless the aerodrome operator has given permission;
    - c. at a distance of less than 30 metres from a person, vessel, vehicle or structure not under the direct control of the operator;
    - d. at a distance of less than 120 metres from an assembly of 12 or more persons not under the direct control of the operator;
    - e. beyond direct, unaided visual line of sight and not farther than 300 metres from the point of operation;
    - f. at a height of more than 120 metres above the ground or water;
    - g. permitting or attempting to permit, any article or animal, whether or not attached to a parachute to be released from the aircraft.
  6. A person who has charge of the operation of a small unmanned aircraft shall not permit such aircraft to be

operated from any place unless the aircraft may take-off and land without undue hazard to persons or property and nothing in this order shall affect the rights and interests of the owner or occupier of that place.

7. A person who has charge of the operation of a small unmanned aircraft, which has a mass of 4 kilograms or more and less than 25 kilograms, without fuel but including any articles or equipment installed in or attached to the aircraft and including cargo at the commencement of its flight, or as otherwise directed by the Authority, shall not allow such an aircraft to be flown unless that person has successfully undertaken a course of safety training accepted by the Authority.
8. A person who has charge of the operation of a small unmanned aircraft which has a mass of 25 kilograms, or more and less than 150 kilograms, without fuel but including any articles or equipment installed in or attached to the aircraft and including cargo at the commencement of its flight, shall not allow such an aircraft to be flown without the permission of the Authority and subject to such conditions as are required by such permission.
9. Permissions issued in accordance with this order may take the form of Specific Operating Permission.

*“End of Excerpt”*

## **5. KITE FLYING WITHIN THE SHANNON FLIGHT INFORMATION REGION**

5.1 Except with the permission of the appropriate authority, and in accordance with any conditions subject to which that permission may be granted, a kite shall not be flown within the Shannon Flight Information Region:

1. within 5km of an aerodrome,  
Or
2. Elsewhere within that Region at a height of more than 200ft above ground level.

5.2 Permission should be sought from:

Post: Flight Operations Department,  
The Irish Aviation Authority,  
The Times Building,  
11-12 D'Olier Street  
Dublin 2  
Ireland

## **6. ROUTINE LIGHT AVIATION SPORTING ACTIVITIES**

### **6.1 Introduction**

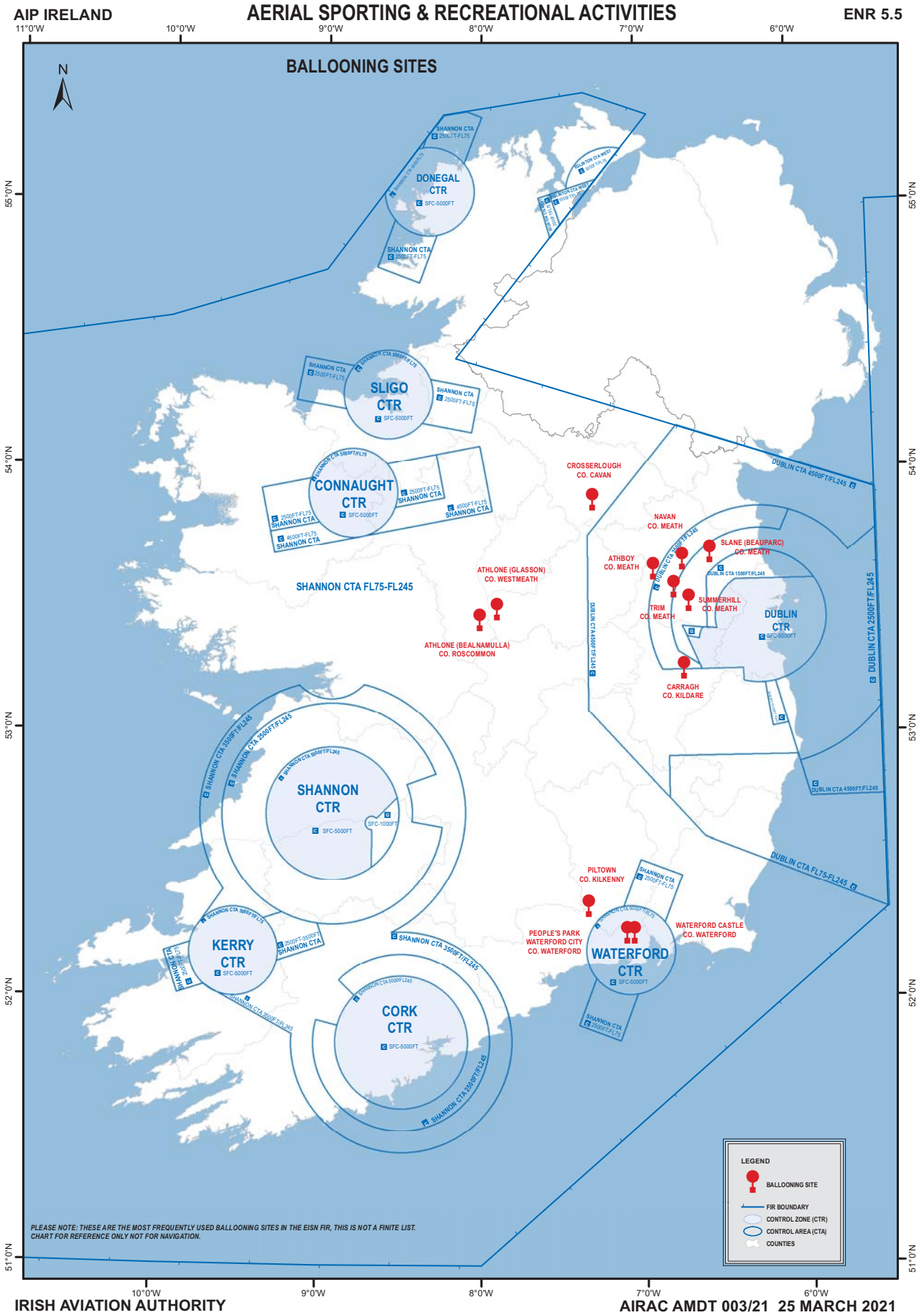
Aerial Sporting and Recreational Activity areas, as described in the following sections, are not designated airspaces but show the delineation of airspace established to identify areas within which frequent aviation activities are conducted.

The purpose of this section is to bring to the attention of those airspace users, operating in uncontrolled airspace, information on light aviation sporting activities which take place on a routine basis within the Shannon FIR. Routine activities which have been notified to the Irish Aviation Authority will not be brought to the attention of airspace users by way of the flight information service (FIS) provided by ATS units, as details of any such activities are published in AIP Ireland. However, non-routine activities which are notified to ATS will be brought to the attention of those airspace users, who might be affected, by means of the FIS of the appropriate ATS unit. It should be borne in mind that various light aviation activities take place in the FIR which are not notified to ATS and in these cases, obviously, the FIS unit concerned will be unable to provide details of the activity.

### **6.2 Details of Routine Activity**

The following light aviation sporting activities take place on a regular basis within the Shannon FIR at the indicated locations:

<b>Ballooning</b>			
Ballooning takes place in uncontrolled airspace at the following locations:			
<b>Designation and Lateral Limits</b>	<b>Vertical Limits</b>	<b>Operator User No.</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Athboy 533723N 0065446W	MAX OPR ALT 3,500ft AMSL.	URL: <a href="http://www.irishballooningassociation.com">www.irishballooningassociation.com</a> Email: <a href="mailto:irishballooningassociation@gmail.com">irishballooningassociation@gmail.com</a>	Daily, during daylight hours. Licensed Radio Frequency: 122.475 MHz. County Meath
Athlone (Bealnamulla) 532604N 0080037W	MAX OPR ALT 7500ft AMSL	URL: <a href="http://www.irishballooningassociation.com">www.irishballooningassociation.com</a> Email: <a href="mailto:irishballooningassociation@gmail.com">irishballooningassociation@gmail.com</a>	Daily, during daylight hours, Licensed Radio Frequency: 122.475 MHz County Roscommon
Athlone (Glasson) 532828N 0075410W	MAX OPR ALT 7,500ft AMSL	URL: <a href="http://www.irishballooningassociation.com">www.irishballooningassociation.com</a> Email: <a href="mailto:irishballooningassociation@gmail.com">irishballooningassociation@gmail.com</a>	Daily, during daylight hours, Licensed Radio Frequency: 122.475 MHz County Westmeath
Carragh 531454N 0064336W	MAX OPR ALT 2,500ft AMSL	URL: <a href="http://www.irishballooningassociation.com">www.irishballooningassociation.com</a> Email: <a href="mailto:irishballooningassociation@gmail.com">irishballooningassociation@gmail.com</a>	Daily, during daylight hours, Licensed Radio Frequency: 122.475 MHz County Kildare
Crosserlough 535306N 0071742W	MAX OPR ALT 7,500ft AMSL.	URL: <a href="http://www.irishballooningassociation.com">www.irishballooningassociation.com</a> Email: <a href="mailto:irishballooningassociation@gmail.com">irishballooningassociation@gmail.com</a>	Daily, during daylight hours, Licensed Radio Frequency: 122.475MHz County Cavan
Navan 533932N 0064350W	MAX OPR ALT 3,500ft AMSL	URL: <a href="http://www.irishballooningassociation.com">www.irishballooningassociation.com</a> Email: <a href="mailto:irishballooningassociation@gmail.com">irishballooningassociation@gmail.com</a>	Daily, during daylight hours, Licensed Radio Frequency: 122.475 MHz County Meath
Piltown 522123N 0072023W	MAX OPR ALT 7,500ft AMSL	URL: <a href="http://www.irishballooningassociation.com">www.irishballooningassociation.com</a> Email: <a href="mailto:irishballooningassociation@gmail.com">irishballooningassociation@gmail.com</a>	Daily, during daylight hours, Licensed Radio Frequency: 122.475 MHz County Kilkenny
Slane (Beauparc) 534108N 0063310W	MAX OPR ALT 2,500ft AMSL	URL: <a href="http://www.irishballooningassociation.com">www.irishballooningassociation.com</a> Email: <a href="mailto:irishballooningassociation@gmail.com">irishballooningassociation@gmail.com</a>	Daily, during daylight hours, Licensed Radio Frequency: 122.475 MHz County Meath
Summerhill 533004N 0064132W	MAX OPR ALT 2,500ft AMSL	URL: <a href="http://www.irishballooningassociation.com">www.irishballooningassociation.com</a> Email: <a href="mailto:irishballooningassociation@gmail.com">irishballooningassociation@gmail.com</a>	Daily, during daylight hours, Licensed Radio Frequency: 122.475 MHz County Meath
Trim 533321N 0064708W	MAX OPR ALT 3,500ft AMSL	URL: <a href="http://www.irishballooningassociation.com">www.irishballooningassociation.com</a> Email: <a href="mailto:irishballooningassociation@gmail.com">irishballooningassociation@gmail.com</a>	Daily, during daylight hours, Licensed Radio Frequency: 122.475 MHz County Meath
Waterford Castle 521512N 0070330W	MAX OPR ALT 7,500ft AMSL	URL: <a href="http://www.irishballooningassociation.com">www.irishballooningassociation.com</a> Email: <a href="mailto:irishballooningassociation@gmail.com">irishballooningassociation@gmail.com</a>	Daily, during daylight hours, Licensed Radio Frequency: 122.475 MHz County Waterford
Waterford City (People's Park) 521521N 0070617W	MAX OPR ALT 7,500ft AMSL	URL: <a href="http://www.irishballooningassociation.com">www.irishballooningassociation.com</a> Email: <a href="mailto:irishballooningassociation@gmail.com">irishballooningassociation@gmail.com</a>	Daily, during daylight hours, Licensed Radio Frequency: 122.475 MHz County Waterford



<b>Glider Flying</b>			
Glider flying takes place in uncontrolled airspace from the following locations. Occasional operation in controlled airspace will be subject to prior co-ordination with, and approval from, the appropriate ATS unit			
<b>Designation and Lateral Limits</b>	<b>Vertical Limits</b>	<b>Operator User No.</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Inch Strand 520815N 0095853W  Castlemaine Harbour	Class G airspace  SFC - 2500ft AMSL	URL: <a href="http://www.dublinglidingclub.ie">www.dublinglidingclub.ie</a>  Email: <a href="mailto:dgcinfo@dublinglidingclub.ie">dgcinfo@dublinglidingclub.ie</a>	Operation in uncontrolled airspace. Daily, during daylight hours. Contact on 130.400 MHz during operations.  County Kerry.  Occasionally, operation in controlled airspace in area bounded by straight lines joining the following coordinates: 521247N 0094722W, arc 10NM radius centre 521051N 0093126W, 520320N 0094206W, 520117N 0095149W, 521043N 0095707W. Operation in controlled airspace subject to clearance from ATS Kerry. Contact on 130.400 MHz during operations.  County Kerry.
Clonmel Ridge 521953.151N 0073632.654W	Class G airspace	URL: <a href="http://www.dublinglidingclub.ie">www.dublinglidingclub.ie</a> Email: <a href="mailto:dgcinfo@dublinglidingclub.ie">dgcinfo@dublinglidingclub.ie</a>	Summer: May - September Daily, during daylight hours. Ridge soaring in uncontrolled airspace. Contact on 130.400 MHz during operations.  County Waterford
Fermoyle Strand 521448.829N 0100601.225W	Class G airspace	URL: <a href="http://www.dublinglidingclub.ie">www.dublinglidingclub.ie</a> Email: <a href="mailto:dgcinfo@dublinglidingclub.ie">dgcinfo@dublinglidingclub.ie</a>	Operation in uncontrolled airspace. Daily, during daylight hours.  Occasionally, operation in controlled airspace up to 20,000ft AMSL subject to prior co-ordination with, and approval from Shannon ATS. Contact on 130.400 MHz during operations.  County Kerry

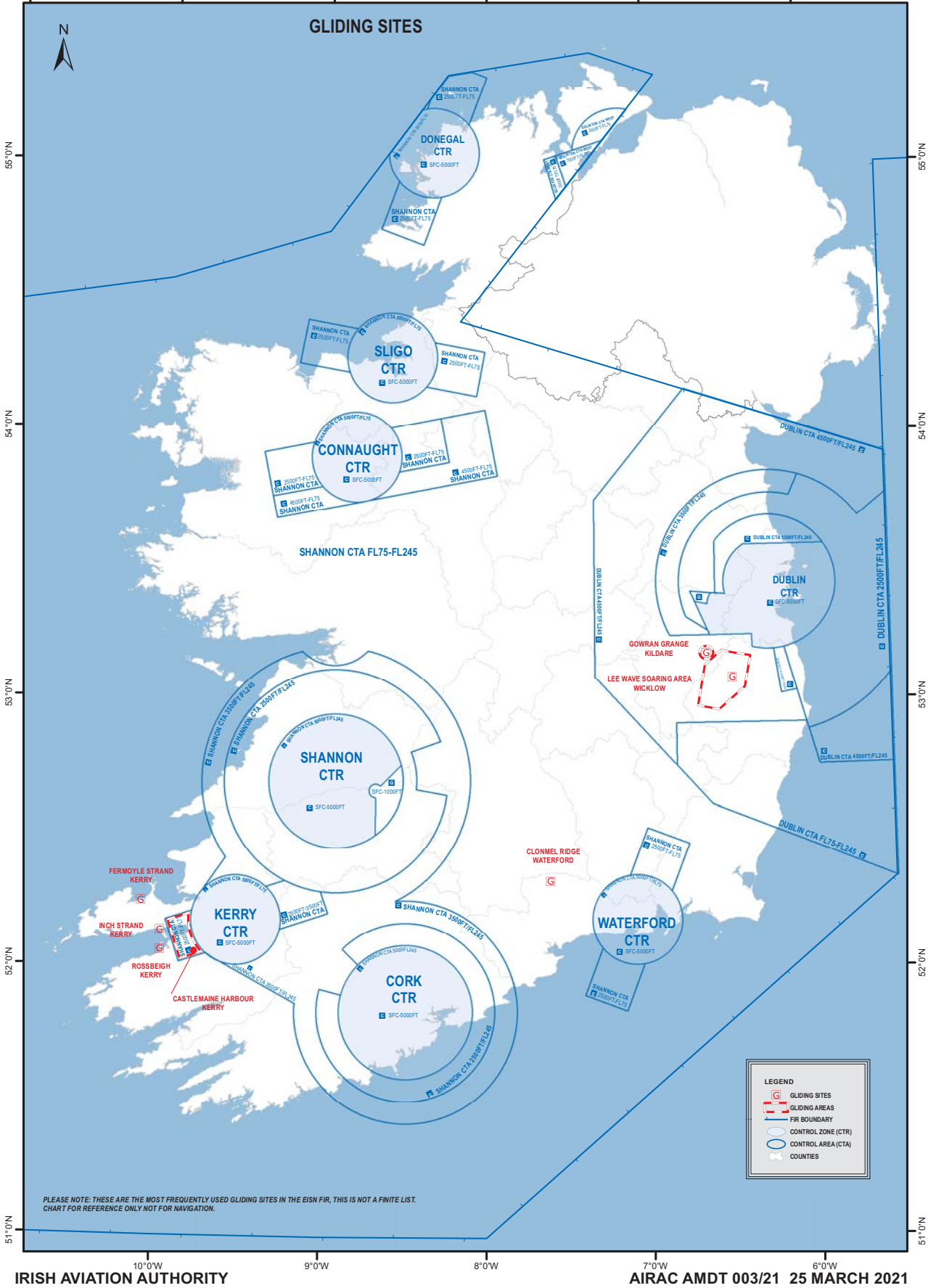
<b>Glider Flying</b>			
Glider flying takes place in uncontrolled airspace from the following locations. Occasional operation in controlled airspace will be subject to prior co-ordination with, and approval from, the appropriate ATS unit			
<b>Designation and Lateral Limits</b>	<b>Vertical Limits</b>	<b>Operator User No.</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Gowran Grange 531034N 0063810W,  Lee Wave Soaring Area	SFC - 4500ft AMSL	URL: <a href="http://www.dublinglidingclub.ie">www.dublinglidingclub.ie</a> Email: <a href="mailto:dgcinfo@dublinglidingclub.ie">dgcinfo@dublinglidingclub.ie</a>	Winter: OCT-APR SAT-SUN & Public Holidays during daylight hours. Summer: MAY-SEP Daily during daylight hours. Contact on 130.400 MHz during operations.  County Kildare.  1. Operation in uncontrolled airspace. 2. Occasionally, operation in controlled airspace up to 15,000ft AMSL in the Lee Wave Soaring area bounded by straight lines joining the following coordinates: 530948N 0062155W, 530255N 0062405W, 525755N 0063348W, 525849N 0064140W, 530750N 0063849W, 531102N 0063241W, 3. Operation in controlled airspace subject to prior coordination and approval from ATS Dublin. Contact on 130.400 MHz during operations County Wicklow



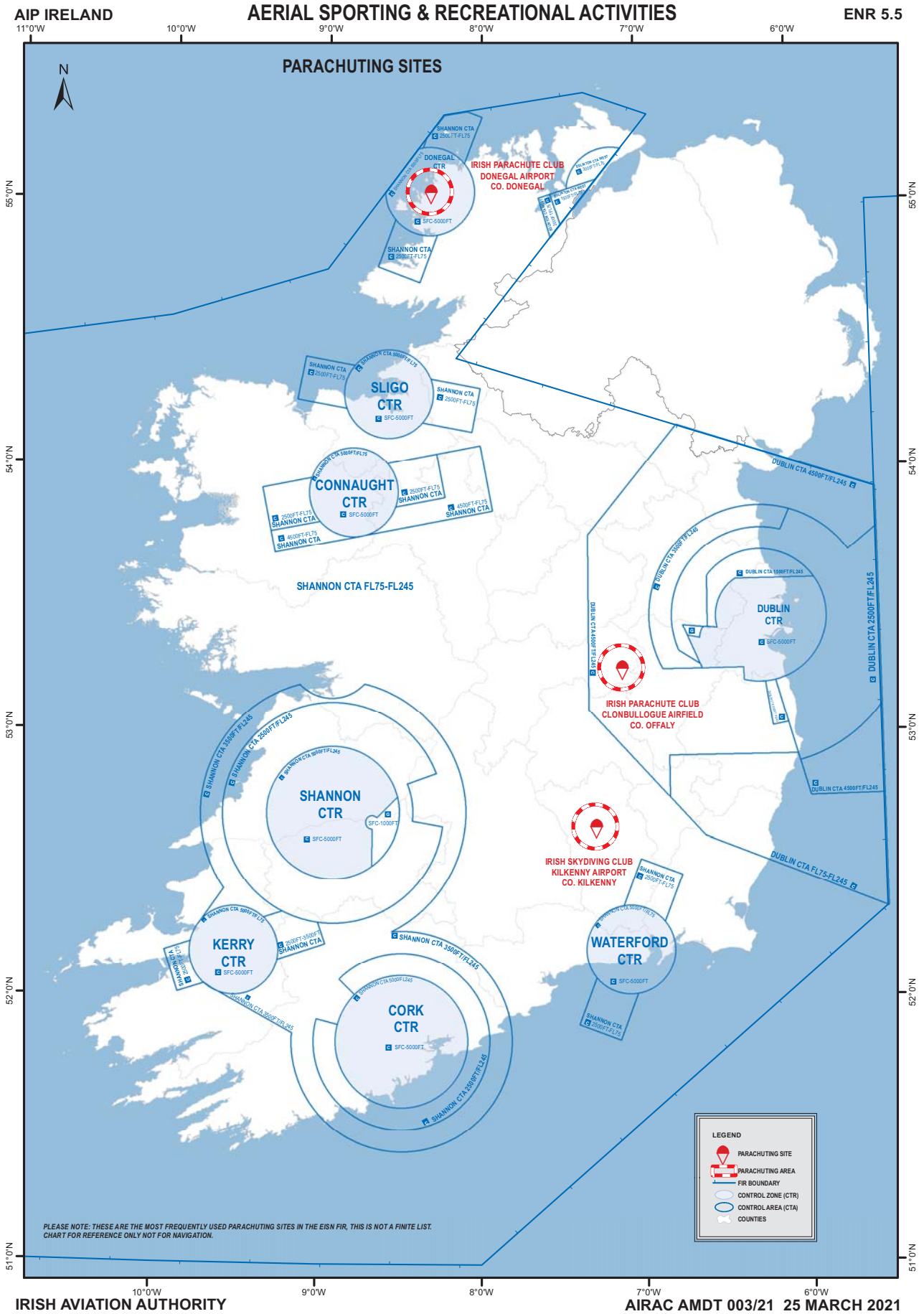
<b>Glider Flying</b>			
Glider flying takes place in uncontrolled airspace from the following locations. Occasional operation in controlled airspace will be subject to prior co-ordination with, and approval from, the appropriate ATS unit			
<b>Designation and Lateral Limits</b>	<b>Vertical Limits</b>	<b>Operator User No.</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Rossbeigh 520357.943N 0095842.182W	Class G airspace	URL:     www.dublinglidingclub.ie Email:    dgcinfo@dublinglidingclub.ie	Late SEP & early OCT Daily, during daylight hours. Operation in uncontrolled airspace within a radius of 15NM centred on the site chosen on the day. Contact on 130.400 MHz during operations. County Kerry

AIP IRELAND 11°0'W 10°0'W 9°0'W 8°0'W 7°0'W 6°0'W ENR 5.5

**AERIAL SPORTING & RECREATIONAL ACTIVITIES**



<b>Parachuting</b>			
Parachuting takes place at the following locations:			
<b>Designation and Lateral Limits</b>	<b>Vertical Limits</b>	<b>Operator User No.</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Clonbullogue (EICL) Airfield 5.0NM radius centred at: 531459N 0070724W	OPR ALT FL130	Irish Parachute Club Ltd. Phone: 1850 260 600 Email: info@skydive.ie URL: www.skydive.ie	Daily, during daylight hours. This location is within the boundary of Military Restricted Area EIR16 and is subject to the entry requirements of EIR16. For operation above 4,500ft AMSL permission must be obtained from Air Traffic Control, Dublin Airport. Post: Clonbullogue Airfield, Edenderry, County Offaly.
Donegal (EIDL) Airport 5.0NM radius centred at: 550239N 0082028W	OPR ALT FL100	Irish Parachute Club Ltd. Phone: 1850 260 600 Email: info@skydive.ie URL: www.skydive.ie	Daily, during daylight hours. This location is within EIDL Controlled Airspace. Parachuting at EIDL Airport is held during the summer months only. Post: Donegal Airport, Carrickfinn, Kincasslagh, County Donegal.
Kilkenny (EIKK) Airport 2.5NM radius centred at: 523903N 0071746W	OPR ALT FL100	Irish Skydiving Club Ltd. Phone: + 353 83 3040024 URL: www.kilkennyairport.ie	Daily during daylight hours. 2.5NM radius of EIKK Aerodrome. Above 4,500ft AMSL is the Military Operating Area (MOA) 3. Above FL075 is Shannon Controlled Airspace. For operation above 4,500ft AMSL: 1. Permission must be obtained from ATC Shannon 2. ATC Shannon must be notified when parachuting is Active. 3. ATC Shannon will advise on any Military activity and requirements. Post: Kilkenny Aerodrome, Holdensrath, County Kilkenny.



Hang Gliding Sites & Para Gliding			
Designation and Lateral Limits	Vertical Limits	Operator User No.	Remarks
1	2	3	4
Arra 5NM radius centred on 525046.3N 0082341.2W	2500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Tipperary
Barnageeragh (Skerries) 1NM radius centred on 533540.4N 0060926.6W	1500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Dublin
Ben Bulbin 5NM radius centred on 542122.0N 0082719.7W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Sligo. Site located within EISG Controlled Airspace.
Blackstairs Mtns 5NM radius centred on 523323.6N 0064818.0W	7000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Wexford
Blackwater 5NM radius centred on 522548.7N 0061938.5W	2500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Wexford
Bray Head 1.8NM radius centred on 531057.0N 0060431.3W	2500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Wicklow
Carrauntoohill 5NM radius centred on 515950.8N 0094438.6W	7000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Kerry
Claragh 1NM radius centred on 520258.1N 0090537.7W	3000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Cork
Clermont Cairne 5NM radius centred on 540442.4N 0061918.0W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Louth
Cnoc Mordain 5NM radius centred on 532233.2N 0094235.9W	7000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Galway
Comeragh Mtns. 8.5NM radius centred on 521416.6N 0073326.4W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Waterford
Conor Pass 5NM radius centred on 521047.3N 0101131.8W	7000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Kerry
Croaghmoyle 5NM radius centred on 535534.5N 0092232.0W	2500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Mayo
Croagh Patrick 5NM radius centred on 534534.6N 0093935.8W	7000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Mayo
Croghan 5NM radius centred on 524745.5N 0061925.2W	5000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Wicklow
Cuilcagh Mtns 5NM radius centred on 541201.7N 0074839.5W	7000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Cavan

**All flights flown only during daylight hours under VFR. It is not possible to list all sites flown in Ireland as most hills have some hang gliding potential and are flown to a very limited extent by local fliers.**

Hang Gliding Sites & Para Gliding			
Designation and Lateral Limits	Vertical Limits	Operator User No.	Remarks
1	2	3	4
Devils Bit 5NM radius centred on 524811.8N 0075720.1W	3500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Tipperary
Dunaney 2NM radius centred on 535153.6N 0061532.9W	3500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Louth
Galtee Mtns 5NM radius centred on 522200.3N 0081031.4W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Tipperary
Gormanston 1NM radius centred on 533834.9N 0061304.0W	1500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Meath
Inchadoney 2NM radius centred on 513553.6N 0085131.9W	2500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Cork
Keadeen Mtn 5NM radius centred on 525658.9N 0063449.8W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Wicklow
Keeper Hill 5NM radius centred on 524451.8N 0081548.1W	3500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Tipperary
Killeshin 5NM radius centred on 524937.1N 0070012.5W	5000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Laois
Killiney Head 1NM radius centred on 531602.6N 0060634.3W	750ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Dublin Use subject to prior co-ordination with Dublin ATC.
Knocknagantee 5NM radius centred on 520141.5N 0091213.4W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Kerry
Knocknakilton 5NM radius centred on 521128.5N 0095938.9W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Kerry
Lacken 2NM radius centred on 530813.4N 0062649.1W	2500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Wicklow Site used for training purposes
Lough Bray 2NM radius centred on 531052.2N 0061747.1W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Wicklow
Maulin 2NM radius centred on 530920.9N 0061354.3W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Wicklow
Maumturk 5NM radius centred on 532855.9N 0093617.9W	7000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Galway
Minaun (Achill) 5NM radius centred on 535722.1N 0100145.0W	3500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Mayo

**All flights flown only during daylight hours under VFR. It is not possible to list all sites flown in Ireland as most hills have some hang gliding potential and are flown to a very limited extent by local fliers.**

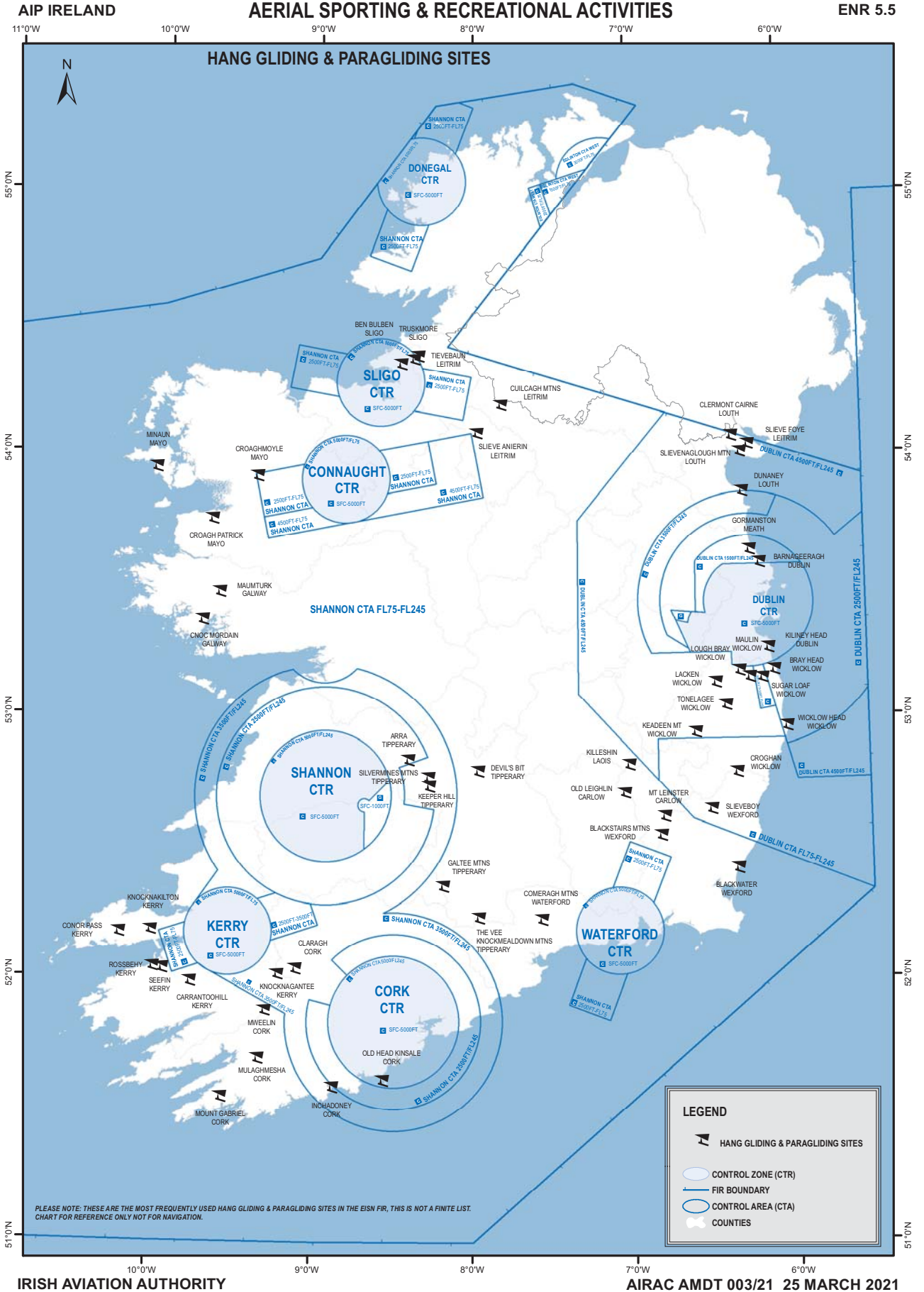
Hang Gliding Sites & Para Gliding			
Designation and Lateral Limits	Vertical Limits	Operator User No.	Remarks
1	2	3	4
Mount Leinster 5NM radius centred on 523746.1N 0064654.0W	5000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Carlow Most regularly flown site in Ireland: Popular for cross country flying and competitions.
Mount Gabriel 5NM radius centred on 513324.7N 0093232.3W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Cork
Mulaghmesha (Bantry) 5NM radius centred on 514222.2N 0091904.2W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Cork
Mweelin 5NM radius centred on 515322.7N 0091652.6W	3500ft AGL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Cork
Old Head Kinsale 1NM radius centred on 513725.5N 0083245.7W	750ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Cork
Old Leighlin 5NM radius centred on 524315.2N 0070155.9W	5000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Carlow
Rossbehy 5NM radius centred on 520310.8N 0095838.0W	3500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Kerry
Seefin 5NM radius centred on 520247.1N 0095459.7W	3500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Kerry
Silvermines Mtn 5NM radius centred on 524645.4N 0081609.7W	3000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Tipperary
Slieveboy 5NM radius centred on 523923.1N 0062920.4W	5000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Wexford
Slieve Anieron 5NM radius centred on 540535.1N 0075753.8W	7000ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Leitrim
Slieve Foye 5NM radius centred on 540238.1N 0061257.2W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Louth
Slievenaglough Mt 5NM radius centred on 540054.1N 0061559.1W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Louth
Sugar Loaf 2NM radius centred on 530912.4N 0060904.6W	2500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Wicklow
The Vee, Knockmealdown Mtns 5NM radius centred on 521441.1N 0075701.5W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Tipperary
Tievebaun 1NM radius centred on 542307.2N 0082043.3W	4500ft AMSL	URL: www.ihpa.ie Email: committee@ihpa.ie	County Leitrim

***All flights flown only during daylight hours under VFR. It is not possible to list all sites flown in Ireland as most hills have some hang gliding potential and are flown to a very limited extent by local fliers.***

<b>Hang Gliding Sites &amp; Para Gliding</b>			
<b>Designation and Lateral Limits</b>	<b>Vertical Limits</b>	<b>Operator User No.</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Tonelagee 3NM radius centred on 530305.4N 0062305.1W	3500ft AMSL	URL: <a href="http://www.ihpa.ie">www.ihpa.ie</a> Email: <a href="mailto:committee@ihpa.ie">committee@ihpa.ie</a>	County Wicklow
Truskmore 5NM radius centred on 542222.8N 0082214.1W	3500ft AGL	URL: <a href="http://www.ihpa.ie">www.ihpa.ie</a> Email: <a href="mailto:committee@ihpa.ie">committee@ihpa.ie</a>	County Sligo
Wicklow Head 1NM radius centred on 525803.1N 0060004.6W	1500ft AMSL	URL: <a href="http://www.ihpa.ie">www.ihpa.ie</a> Email: <a href="mailto:committee@ihpa.ie">committee@ihpa.ie</a>	County Wicklow

*All flights flown only during daylight hours under VFR. It is not possible to list all sites flown in Ireland as most hills have some hang gliding potential and are flown to a very limited extent by local fliers.*





<b>Model Aircraft Flying</b>			
The Model Aeronautics Council of Ireland has notified the Irish Aviation Authority that Radio controlled model aircraft can be flown at the following locations			
<b>Designation and Lateral Limits</b>	<b>Vertical Limits</b>	<b>Operator User No.</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Athlone MFC 1, 800m radius centred on: 532548N 0080500W	400 ft	Athlone Model Flying Club 1 URL: <a href="http://www.athlonemodelflyingclub.com">www.athlonemodelflyingclub.com</a>	Post: Barony, Castlesamson, Athlone
Balheary MFC 1, 800m radius centred on: 533022N 0061407W	400 ft	Balheary Model Flying Club 1 URL: <a href="http://www.maci.ie">www.maci.ie</a>	Post: Roscall, Balheary, Co. Dublin.
Bandon MFC 1, 800m radius centred on: 514423N,0084139W	400 ft	Bandon Model Flying Club 1 URL: <a href="https://www.facebook.com/BandonModelFlyingClub">www.facebook.com/ BandonModelFlyingClub</a>	Post: Clashafree, Bandon, Co.Cork.
Boyneside MFC 1, 800m radius centred on: 535319N 0062430W	400 ft	Boyneside Model Flying Club 1 URL: <a href="http://www.maci.ie">www.maci.ie</a>	Post: Adamstown, Dunleer, Co. Louth.
Boyneside MFC 2, 800m radius centred on: 535206N 0062128W	400 ft	Boyneside Model Flying Club 2 URL: <a href="http://www.maci.ie">www.maci.ie</a>	Post: Bolies, Kilsaran, Co. Louth.
Carron Model Flying Club 1, 800m radius centred on: 523001N 0081128W	400 ft	Carron Model Flying Club 1 URL: Carron MFC Facebook	Post: Carron, Carron House, Co. Tipperary.
Cork Model Aero Club 1, 800m radius centred on: 520053N 0081027W	400 ft	Cork Model Aero Club 1 URL: <a href="http://www.corkmodelaeroclub.ie">www.corkmodelaeroclub.ie</a>	Post: Castelyons, Midleton, Co. Cork.
Cork Model Aero Club 2, 800m radius centred on: 514648N 0084312W	400 ft	Cork Model Aero Club 2 URL: <a href="http://www.corkmodelaeroclub.ie">www.corkmodelaeroclub.ie</a>	Post: Little Silver House, Bandon, Co. Cork.
Cork Model Aero Club 3, 300m radius centred on: 515826N 0082630W	400 ft	Cork Model Aero Club 3 URL: <a href="http://www.corkmodelaeroclub.ie">www.corkmodelaeroclub.ie</a>	Post: Whites Cross, Co. Cork.
Dolly's Grove MFC 1, 800m radius centred on: 532521N 0063243W	400 ft	Dolly's Grove Model Flying Club 1 URL: <a href="http://www.maci.ie">www.maci.ie</a>	Post: Staffordstown, Dunboyne, Co. Meath.
Dublin Kestrel MFC 1, 800m radius centred on: 531219N 0062529W	400 ft	Dublin Kestrel Model Flying Club 1 URL: <a href="http://www.dkmfc.net">www.dkmfc.net</a>	Post: Ballyfolan, Brittas, Co. Wicklow.
East Coast FPV 1, 300m radius centred on: 531549N 0062252W	400 ft	East Coast FPV 1 URL: <a href="http://www.eastcoastfpv.ie">www.eastcoastfpv.ie</a>	Post: Tallaght, Co. Dublin.
Fingal MFC 1, 800m radius centred on: 533215N 0060503W	400 ft	Fingal Model Flying Club 1 URL: <a href="https://www.facebook.com/FingalModelFlyingClub/">www.facebook.com/ FingalModelFlyingClub/</a>	Post: Drumanagh, Loughshinny, Co. Dublin.
Fingal MFC 2, 500m radius centred on: 533450N 0061340W	400 ft	Fingal Model Flying Club 2 URL: <a href="https://www.facebook.com/FingalModelFlyingClub/">www.facebook.com/ FingalModelFlyingClub/</a>	Post: Ringcommon Sports Centre, Balbriggan, Co. Dublin.
Galway MFC 1, 800m radius centred on: 532040N 0090055W	400 ft	Galway Model Flying Club 1 URL: <a href="http://www.galwaymodelflying.org">www.galwaymodelflying.org</a>	Post: Carowbrowne, Co. Galway.

<b>Model Aircraft Flying</b>			
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<b>Designation and Lateral Limits</b>	<b>Vertical Limits</b>	<b>Operator User No.</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Irish Jet Modellers Flying Club 1, 800m radius centred on: 531436N 0075344W	400 ft	Irish Jet Modellers Flying Club 1 URL: <a href="http://www.jmaireland.com">www.jmaireland.com</a>	Post: Ballyloughnan Farm, Belmont, Co. Offaly.
Irish Jet Modellers Flying Club 2, 800m radius centred on: 523823N 0061803W	400 ft	Irish Jet Modellers Flying Club 2 URL: <a href="http://www.jmaireland.com">www.jmaireland.com</a>	Post: Springmount, Gorey, Co. Wexford.
Irish Jet Modellers Flying Club 3, 800m radius centred on: 535352N 0090753W	400 ft	Irish Jet Modellers Flying Club 3 URL: <a href="http://www.jmaireland.com">www.jmaireland.com</a>	Post: Ballyvarry, Castlebar, Co. Mayo.
Irish Jet Modellers Flying Club 4, 800m radius centred on: 531148N 0081937W	400 ft	Irish Jet Modellers Flying Club 4 URL: <a href="http://www.jmaireland.com">www.jmaireland.com</a>	Post: Lurganmore, Loughrea, Co. Galway.
Island Slope Rebels 1, 800m radius centred on: 513714N 0083242W	400 ft	Island Slope Rebels 1 URL: <a href="http://www.gliderireland.net">www.gliderireland.net</a>	Post: Old Head of Kinsale, Co. Cork.
Island Slope Rebels 2, 800m radius centred on: 515324N 0091521W	400 ft	Island Slope Rebels 2 URL: <a href="http://www.gliderireland.net">www.gliderireland.net</a>	Post: Mwheelin, Cahernacha, Co. Cork.
Island Slope Rebels 3, 800m radius centred on: 525052N 0082329W	400 ft	Island Slope Rebels 3 URL: <a href="http://www.gliderireland.net">www.gliderireland.net</a>	Post: Tountina Mountain, Co. Tipperary.
Island Slope Rebels 4, 800m radius centred on: 531330N 0061906W	400 ft	Island Slope Rebels 4 URL: <a href="http://www.gliderireland.net">www.gliderireland.net</a>	Post: Killakee, West Slope, Glassamucky Mountain, Co. Dublin.
Island Slope Rebels 5, 800m radius centred on: 523818N 0064759W	400 ft	Island Slope Rebels 5 URL: <a href="http://www.gliderireland.net">www.gliderireland.net</a>	Post: Mount Leinster, Nine stones, Kilbrannish South, Co. Carlow.
Island Slope Rebels 6, 800m radius centred on: 523843N 0064623W	400 ft	Island Slope Rebels 6 URL: <a href="http://www.gliderireland.net">www.gliderireland.net</a>	Post: Mount Leinster, West Slope, Kilbrannish South, Co. Carlow.
Laoise Model Aero Club 1, 800m radius centred on: 530050N 0072225W	400 ft	Laoise Model Aero Club 1 URL: <a href="http://www.airlaois.com">www.airlaois.com</a>	Post: Clondouglas, Portlaoise, Co. Laois.
Leinster MFC 1, 300m radius centred on: 532123N 0062026W	400 ft	Leinster Model Flying Club 1 URL: <a href="http://www.leinstermodelflyingclub.ie">www.leinstermodelflyingclub.ie</a>	Post: Phoenix Park, Dublin 8 Co. Dublin.
Longford Model Aero Club 1 800m radius centred on: 534150N 0075243W	400 ft	Longford Model Aero Club 1 URL: <a href="http://www.maci.ie">www.maci.ie</a>	Post: Cloonmore, Killashee, Co. Longford.

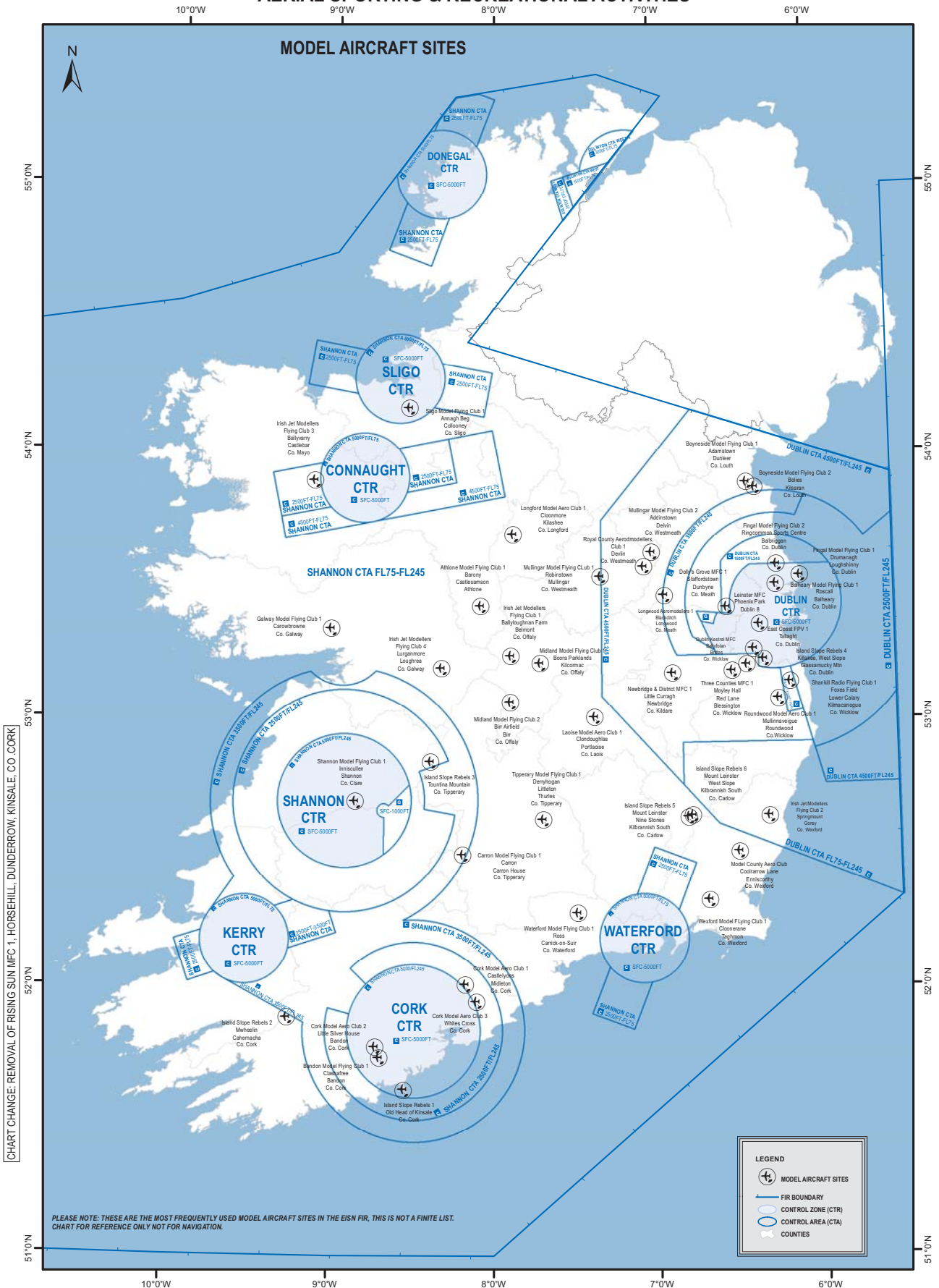
<b>Model Aircraft Flying</b>			
The Model Aeronautics Council of Ireland has notified the Irish Aviation Authority that Radio controlled model aircraft can be flown at the following locations			
<b>Designation and Lateral Limits</b>	<b>Vertical Limits</b>	<b>Operator User No.</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Longwood Aeromodellers 1, 800m radius centred on: 532800N 0065600W	400 ft	Longwood Aeromodellers 1 URL: <a href="http://www.maci.ie">www.maci.ie</a>	Post: Blackditch, Longwood, Co. Meath.
Midland Model Flying Club 1, 800m radius centred on: 531255N 0074239W	400 ft	Midland Model Flying Club 1 URL: <a href="http://www.midlandmodelflyingclub.org">www.midlandmodelflyingclub.org</a>	Post: Boora Parklands, Kilcormac, Co. Offaly.
Midland Model Flying Club 2, 800m radius centred on: 530415N 0075353W	400 ft	Midland Model Flying Club 2 URL: <a href="http://www.midlandmodelflyingclub.org">www.midlandmodelflyingclub.org</a>	Post: Birr Airfield, Birr, Co. Offaly.
Model County Aero Club 1, 800m radius centred on: 523030N 0062930W	400 ft	Model County Aero Club 1 URL: <a href="http://www.maci.ie">www.maci.ie</a>	Post: Coolarrow Lane, Enniscorthy, Co. Wexford.
Mullingar MFC 1, 800m radius centred on: 533221N 0071959W	400 ft	Mullingar Model Flying Club 1, URL: <a href="http://www.maci.ie">www.maci.ie</a>	Post: Robinstown, Mullingar, Co. Westmeath.
Mullingar MFC 2, 800m radius centred on: 533742N 0070038W	400 ft	Mullingar Model Flying Club 2 URL: <a href="http://www.maci.ie">www.maci.ie</a>	Post: Addinstown, Delvin, Co. Westmeath.
Newbridge and District MFC 1, 500m radius centred on: 531034N 0065310W	400 ft	Newbridge and District Model Flying Club 1 URL: <a href="http://www.maci.ie">www.maci.ie</a>	Post: Little Curragh, Newbridge, Co. Kildare.
Roundwood Model Aero Club 1, 800m radius centred on: 530440N 0061353W	400 ft	Roundwood Model Aero Club 1, URL: <a href="http://www.rwmac.ie">www.rwmac.ie</a>	Post: Mullinnaveigue, Roundwood, Co. Wicklow.
Royal County Aeromodellers Club 1, 800m radius centred on: 533432N 0070339W	400 ft	Royal County Aeromodellers Club 1, URL: <a href="http://www.royalcountyflyers.com">www.royalcountyflyers.com</a>	Post: Ballyhealy, Delvin, Co. Westmeath.
Shankill Radio Flying Club 1, 800m radius centred on: 530826N 0060930W	400 ft	Shankill Radio Flying Club 1, URL: <a href="http://www.srfc.net">www.srfc.net</a>	Post: Foxes Field, Lower Calary, Kilmacanogue, Co. Wicklow.
Shannon MFC 1, 300m radius centred on: 524155N 0085117W	200 ft	Shannon Model Flying Club 1, URL: Facebook SMFC	Post: Inniscullen, Shannon, Co. Clare.
Sligo MFC 1, 500m radius centred on: 541012N 0083207W	400 ft	Sligo Model Flying Club 1, URL: <a href="http://www.sligomfc.com">www.sligomfc.com</a>	Post: Annagh Beg, Collooney, Co. Sligo.
Three Counties MFC 1, 800m radius centred on: 531100N 0063100W	400 ft	Three Counties Model Flying Club 1, URL: <a href="http://www.maci.ie">www.maci.ie</a>	Post: Moyley Hall, Red Lane, Blessington, Co. Wicklow.

**Model Aircraft Flying**

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<b>Designation and Lateral Limits</b>	<b>Vertical Limits</b>	<b>Operator User No.</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Tipperary MFC 1, 800m radius centred on: 523756N 0074140W	400 ft	Tipperary Model Flying Club 1, URL: Facebook Page Tipp MFC	Post: Derryhogan, Littleton, Thurles, Co. Tipperary.
Waterford MFC 1, 800m radius centred on: 521655N 0072913W	400 ft	Waterford Model Flying Club 1, URL: Facebook WMFC	Post: Ross, Carrick-on-Suir, Co. Waterford.
Wexford MFC 1, 800m radius centred on: 521943N 0064045W	400 ft	Wexford Model Flying Club 1, URL: <a href="http://www.wexfordmodelflyingclub.com">www.wexfordmodelflyingclub.com</a>	Post: Cloonerane, Taghmon, Co. Wexford.

AERIAL SPORTING & RECREATIONAL ACTIVITIES



**7. AREAS OF OPERATION**

Areas of Operation are not designated airspaces but show the delineation of airspace established to identify areas within which frequent aviation activities are conducted. The table below displays airfields around which an area of operation is established within the Shannon FIR.

Designation and Lateral Limits	Vertical Limits	Operator User No.	Remarks
1	2	3	4
ILAS Airfield A circle 1.5nm radius centred at 521754N 0064055W* Class G	Upper Limit: 1500FT AMSL Lower Limit: SFC	URL: <a href="http://www.ilas.ie">www.ilas.ie</a>	123.750MHz County Wexford
Birr Airfield A circle, 1.5nm radius centred at 530415N 0075355W Class: G, MOA Airspace	Upper Limit: 1500FT AMSL Lower Limit: SFC		122.950MHz County Offaly Located within Military Operating Area.
Navan Airfield A circle, 1.5nm radius centred at 534145N 0063915W* Class: G	Upper Limit: 1500FT AMSL Lower Limit: SFC	URL: <a href="http://www.navanairfield.com">www.navanairfield.com</a>	118.125MHz County Meath
Tibohine Airfield A circle, 1.5nm radius centred at 535301N 0082915W* Class: G	Upper Limit: 1500FT AMSL Lower Limit: SFC	URL: <a href="http://tibohine.weebly.com/">http://tibohine.weebly.com/</a>	120.000MHz County Roscommon Located within EIKN CTA.
* Data whose accuracy has not been quality assured.			

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