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:

- 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 <u>ENR 1.4.4</u> 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 notifies 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. MODEL AIRCRAFT FLYING

- 4.1 Small aircraft which weigh more than 1.5kg, without fuel, shall not be flown within 5km of an aerodrome boundary, unless reasonable precautions have been taken to ensure the flight can be made safely.
- 4.2 Small aircraft which weigh more than 7.0kg, without fuel, shall not be flown:
 - a. Within an aerodrome traffic zone;

or

b. Within 5km from an aerodrome boundary;

or

c. Within 2km of an aircraft in flight;

Also such aircraft, except with the permission of the IAA and in accordance with any conditions subject to which the permission may be granted, shall not be flown:-

- Within controlled airspace; а.
- b. At a height of more than 400ft (120M) above the surface of the earth;
 - or
- C. For aerial work purposes;
- 4.3 Small aircraft which weigh more than 20kg, without fuel, shall not be flown except with the permission of the IAA and in accordance with any conditions specified in relation to such permission.
- Nothing shall be dropped from a small aircraft, whether or not attached to a parachute, so as to endanger persons 4.4 or property.
- 4.5 Permission referred to above should be sought from:-
- Post: Flight Operations Department, The Irish Aviation Authority, The Times Building, 11-12 D'Olier Street Dublin 2 Ireland

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

ROUTINE LIGHT AVIATION SPORTING ACTIVITIES 6.

6.1 Introduction

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:

Ballooning

Ballooning takes place in uncontrolled airspace at the following locations:

Designation and Lateral Limits	Vertical Limits	Operator User No.	Remarks		
1	2	3	4		
Barberstown Castle 531840N 063620W	MAX OPR ALT 1,500ft AMSL.		This Location is within the boundaries of military areas R15 and R16 and is subject to the relevant entry requirements for R15 & R16 Daily, during daylight hours		
			Post: Barberstown Castle Straffan Co. Kildare		
Blessington	NML OPR ALT		Daily, during daylight hours		
531040N 063350W	3,000ft AMSL		Post: Blessington Co. Wicklow		
Boyle	NML OPR ALT		Daily, during daylight hours		
535900N 081400W	3,000ft AMSL		Post: Boyle Co. Roscommon		
Camolin	NML OPR ALT		Daily, during daylight hours		
523620N 062520W	3,000ft AMSL		Post: Camolin Near Gorey Co. Wexford		
Kinnity	NML OPR ALT		Daily during daylight hours		
530545N 074315W	3,000ft AMSL		Post: Kinnity Near Birr Co. Offaly		
Wells House	NML OPR ALT		Daily, during daylight hours		
523125N 062115W	3,000ft AMSL		Post: Wells House Kilnamanagh Near Blackwater Co. Wexford		

Glider Flying

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

Designation and Lateral Limits	Vertical Limits	Operator User No.	Remarks
1	2	3	4
Castlemaine Harbour/Inch Strand 520815N 0095853W	SFC-2500ft		Operation in uncontrolled airspace. 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

Glider Flying

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

Designation and Lateral Limits	Vertical Limits	Operator User No.	Remarks
1	2	3	4
Clonmel Ridge Waterford 521953.151N 073632.654W			Summer: MAY- SEP Daily, during daylight hours. Ridge soaring in uncontrolled airspace. Information on activity at Kilkenny and Clonmel Ridge AVBL from Kilkenny AD
Fermoyle Strand 521448.829N 100601.225W			Occasionally, operation in controlled airspace up to 20,000ft AMSL subject to prior co- ordination with, and approval from Shannon ATS
			Post: Fermoyle Strand, Co Kerry
Gowran Grange 531034N 0063810W,	SFC - 4500ft		 Winter: OCT-APR SAT-SUN & Public Holidays during daylight hours Summer: MAY-SEP Daily during daylight hours 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 clearance from ATS Dublin
Kilkenny 523903.200N 071746.000W			All year during daylight hours Operation in uncontrolled airspace within a radius of 15NM centred on Aerodrome.
Rossbeigh 520357.943N 095842.182W			Late SEP & early OCT Daily, during daylight hours. Operation in uncontrolled airspace within a radius of 15NM centred on site chosen on the day.
			Post: Rossbeigh Dingle Peninsula Co Kerry

Parachuting

Parachuting takes place at the following locations:

Designation and Lateral Limits	Vertical Limits	Operator User No.	Remarks
1	2	3	4
Abbeyshrule an arc centred on 533529N 0073834W radius 3NM	OPR ALT 10,000ft AMSL	Phone: +353 44 9357424	 Daily, during daylight hours 12NM WNW of Mullingar 3NM Radius Above FL075 is Shannon Controlled airspace. 1. ATC Shannon must be notified when parachuting is ACTIVE. 2. ATC Shannon will advise on any requirements.
			Post: Longford Aviation Ltd, Abbeyshrule, Co. Longford
Clonbullogue 531458.47N 070723.86W	OPR ALT 3,500ft AMSL		Daily, during daylight hours This location is within the boundary of Military 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, Nr. Edenderry Co. Offaly
Kilkenny 523903N 0071746W radius 2.5NM	OPR ALT 10,000ft AMSL		 Daily during daylight hours. 2.5 NM radius of EIKK Aerodrome. Above 4,500ft AMSL is the 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 Co.Kilkenny

Hang Gliding Sites

Designation and Lateral Limits	Vertical Limits	Operator User No.		Remarks
1	2	3		4
BRAY HEAD	1400ft AGL		½NM R	ADIUS
5311N 0604W			Post:	BRAY HEAD CO. WICKLOW
CLARAGH	3000ft AGL		1NM RA	ADIUS
5202N 0906W			Post:	CLARAGH CO. CORK

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		On every list with		Dements		
Designation and Lateral Limits	Vertical Limits	Operator User No.		Remarks		
1	2	3		4		
CROGHAN 5247N 0618W	3500ft AGL		20NM R/	ADIUS		
524/10 00 10W			Post:	CROGHAN CO. WICKLOW		
GORMANSTOWN 5338N 0613W	1000ft AGL		1NM RA	DIUS d for training purposes		
			Post:	GORMANSTOWN CO. MEATH		
KILLINEY HILL 5316N 0606W	700ft AGL		½ NM R/ Restricte Use subj Dublin.			
			Post:	KILLINEY HILL CO. DUBLIN		
LACKEN 5307N 0625W	2500ft AGL		1NM RA Site used	DIUS d for training purposes		
			Post:	LACKEN CO. WICKLOW		
MAULIN	2000ft AGL		1 NM RADIUS			
5309N 0613W			Post:	MAULIN CO WICKLOW		
MT LEINSTER 5237N 0647W				ularly used site. for cross country flying and		
			Post:	MT LEINSTER, CARLOW/WEXORD		
MWEELIN	3500ft AGL		20NM R/	ADIUS		
5153N 0916W			Post:	MWEELIN CO. CORK		
SUGAR LOAF 5309N 0609W	2000ft AGL		1⁄4 NM RA Site used	ADIUS d for training purposes		
			Post:	SUGAR LOAF CO. WICKLOW		
TROOPERSTOWN 5259N 0616W	1000ft AGL		1⁄4 NM RA Site used	ADIUS d for training purposes		
			Post:	TROOPERSTOWN CO. WICKLOW		
TRUSKMORE	3500ft AGL		20NM R/	ADIUS		
5422N 0822W			Post:	TRUSKMORE CO. SLIGO		

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.

Model Aircraft Flying

The Model Aeronautics Council of Ireland has notified the Irish Aviation Authority that Radio controlled model aircraft can be flown at the following locations

Designation and Lateral Limits	Vertical Limits	Operator User No.	Remarks		
1	2	3	4		
Athlone MFC, 532548N,080500W	400 ft	Leo Lawless,	Post: Barony, Castlesamso	on, Athlone	
		Phone: 0872066438			
Balheary MFC,	400 ft	Gerry O Reilly,	Post: Roscall, Balheary, Co	o. Dublin	
533022N,061407W		Phone: 0872142288			
Bandon MFC, 514423N,084139W	400 ft	Barry Leach,	Post: Clashafree, Bandon,	Co.Cork.	
		Phone: 0876436066			
Carron Model Flying Club,	400 ft	Gordon James,	Post: Carron, Carron Hous	e, Co. Tipperary.	
523000N,081100W		Phone: 0868269840			
Cork Model Aero Club_1,	400 ft	Eoin O Callaghan,	Post: Castelyons, Midleton	, Co.Cork.	
520054N,081828W		_Phone: 0876383909			
Cork Model Aero Club_2, 514648N,084312W	400 ft		Post: Little Silver House, B	andon, Co. Cork	
Dollys Grove MFC,	400 ft	Yvonne Gavin,	Post: Dollys Grove, Co. Me	eath	
532452W,063409W		Phone: 0876686035			
Dublin Kestrel MFC,	400 ft	John Long,	Post: Ballyfolan, Brittas, Co	. Wicklow	
531200N,062500W		Phone: 0876408048			
Fingal MFC_1,	400 ft	Jim Fitzpatrick,	Post: Gormanstown Colleg	e, Co. Meath	
533808N,061413W	400 (_Phone: 0862415943	<u> </u>		
Fingal MFC_2, 533450N,061340W	400 ft		Post: Ringcommon Sports	Centre, Balbriggan	
Galway MFC,	400 ft	Ron Owens,	Post: Carowbrowne, Co. G	alway	
532040N,090055W		Phone: 0862247067		-	
Irish Jet Modellers Flying Club_1,	400 ft	Andreas Balsiger,	Post: Ballyloughnan Farm,	Belmont, Co.Offaly	
531436N,075344W		Phone: 0868147891			
Irish Jet Modellers Flying Club_2,	400 ft	Harry Sydner,	Post: Springmount, Gorey,	Co. Wexford	
523823N,061803W		Phone: 0872570894			
Irish Jet Modellers Flying Club_3,	400 ft	Padhraig Timothy,	Post: Ballyvarry, Castlebar	, Co.Mayo	
535352N,090753W		Phone: 0876732251			
Island Slope Rebels_1, 513714N,083242W	400 ft	Ralph Mc Carthy,	Post: Old Head of Kinsale,	Co. Cork	
Island Slope Rebels_2, 515324N,091521W	400 ft	_Phone: 0878322791	Post: Mwheelin, Cahernach	na, Co. Cork	
Island Slope Rebels_3, 525052N,082329W	400 ft	-	Post: Tountina Mountain, C	Co. Tipperary	
Island Slope Rebels_4, 531330N,064759W	400 ft	-	Post: Killakee, West Slope Mountain, Co.Dublin	Glassamucky	
Island Slope Rebels_5, 523818N,064759W	400 ft	-	Post: Mount Leinster, Nine South, Co.Carlow	stones, Kilbrannish	
Island Slope Rebels_6, 523843N,064623W	400 ft	-	Post: Mount Leinster, West South, Co.Carlow	Slope, Kilbrannish	
Laoise Model Aero Club,	400 ft	Brian Foran,	Post: Clondouglas, Portlao	ise, Co.Laois.	
530050N,072225W		Phone: 0862578228			

Model Aircraft Flying

The Model Aeronautics Council of Ireland has notified the Irish Aviation Authority that Radio controlled model aircraft can be flown at the following locations

Designation and Lateral Limits	Vertical Limits	Opera	tor User No.		Remarks
1	2		3		4
Leinster MFC,	400 ft	Brian Kel	lly,	Post:	Phoenix Park, Dublin 8
532123N,062026W		Phone:	016282880		
Letterkenny MFC_1, 544927N,073746W	400 ft	Seamus Phone:	O Donnell, 0862444866	Post:	Carnone, Raphoe, Co.Donegal.
Letterkenny MFC_2, 545044N,073931W	400 ft			Post:	Carrickgrac, Convoy, Co.Donegal
Letterkenny MFC_3, 544529N,074740W	400 ft	_		Post:	Trusk Lough, Kinletter, Ballybofey
Longwood Aeromodellers, 532800N,065600W	400 ft	Paddy Ga Phone:	avin, 018256481	Post:	Blackditch, Longwood, Co. Meath
Manorglen MFC, 542153N,081613W	400 ft	John Har Phone:		Post:	Glenade Lake, Co. Leitrim
MARS Club MFC, 514618N,085749W	400 ft	Ernest Ke Phone:	eefe, 0866050833	Post:	Castleltown, Kinneigh,Enniskeane, Co.Cork.
MIdland Model Flying Club_1, 531255N,074239W	400 ft	Declan H Phone:	lenaghan, 0872625868	Post:	Boora Parklands, Kilcormac, Co.Offaly.
MIdland Model Flying Club_2, 530415N,075353W	400 ft		0012020000	Post:	Birr Airfield, Birr, Co. Offaly.
Model County Aero Club, 523030N,062930W	400 ft	Robert R Phone:	egan, 0863879103	Post:	Coolrarrow Lane, Enniscorthy, Wexford
Mullingar MFC_1,	400 ft	Martin Ma	angan,	Post:	Robinstown, Mullingar, Co. Westmeath
533221N,071959W		Phone:	0872275364		
Mullingar MFC_2,	400 ft	John Pau	ul Smith,	Post:	Addinstown, Delvin, Co. Westmeath
533742N,070038W		Phone:	0861742989		
Newbridge and District MFC,	400 ft	Eamonn	Keenan,	Post:	Little Curragh, Newbridge, Co. Kildare
531034N,065310W		Phone:	045434694		
Oughterard MFC,	400 ft	Stephen	Murphy,	Post:	Oughterard AFC, New Village, Oughterard
532641N,092039W		Phone:	0878546879		
Rising Sun MFC, 514543N,083439W	400 ft	Dave O F	-laherty,	Post:	Horsehill, Dunderrow, Kinsale, Co. Cork
514545IN,065459VV		Phone:	0877714874		
Roundwood Model Aero Club, 530440N,061353W	400 ft	Tony Gre	ene,	Post:	Mullinnaveigue, Roundwood, Co. Wicklow.
		Phone:	0860212549		
Royal County Aeromodellers Club, 535750N,070607W	400 ft	Bill Thom	•	Post:	Ballyhealy, Delvin, Co. Meath
		Phone:	0862622089		
Shankill Radio Flying Club, 530826N,060930W	400 ft		oanargain,	Post:	Foxes Field, Lower Calary, Kilmacanogue
	400 #	Phone:	0868198826	Dest	
Shannon MFC, 524155N,085117W	400 ft	Richard (Post:	Inniscullen, Shannon, Co. Clare
	400 #	Phone:	0878849719	Dest	
Sligo MFC, 541012N,083207W	400 ft	Jon Ethe		Post:	Annagh Beg, Collooney, Co. Sligo
		Phone:	0851228430		

Model Aircraft Flying

The Model Aeronautics Council of Ireland has notified the Irish Aviation Authority that Radio controlled model aircraft can be flown at the following locations

Designation and Lateral Limits	Vertical Limits	Operator User No.		Remarks 4		
1	2	3				
Three Counties MFC,	400 ft	Tony Ryan,	Post:	Moyley Hall, Red Lane, Blessington, Co.		
531100N,063100W		Phone: 087346377	0	Wicklow.		
Tipperary MFC,	400 ft	Michael Blake,	Post:	Derryhogan, Littleton, Thurles,		
523756N,074140W		Phone: 086843520	1	Co.Tipperary		
Vertigo MFC,	400 ft	Michael Brophy,	Post:	Curraghtaggart, Portlaw, Co.Waterford		
521300N,072200W		Phone: 051381741				
Waterford MFC,	400 ft	Gerard O Donovan,	Post:	Ross, Carrick on Suir, Co. Waterford		
521700N,072900W		Phone: 087294756	1			
Wexford MFC_1,	400 ft	lan Finlayson,	Post:	Cloonerane, Taghmon, Co. Wexford		
521943N,064045W		Phone: 053913169	0			
Wexford MFC_2, 521446N,061940W	400 ft		Post:	Lambstown, Rosslare, Co. Wexford		