

ENR 5. NAVIGATION WARNINGS

ENR 5.1 PROHIBITED, RESTRICTED AND DANGER AREAS

Identification, name and lateral limits	<u>Upper Limit</u> <u>Lower Limit</u>	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)	
		1	2
PROHIBITED AREAS			
SU P2 Isla de Lobos Circle of 5 KM radius centered in point 350200S/0545300W	<u>ALT 600 M</u> MSL	DINACIA Resolution 450/2009. See ENR 6.3	
SU P9 Isla de Flores Circle of 1 KM radius centered in point 345633S/05555535W	<u>ALT 600 M</u> MSL	DINACIA Resolution 396/2013. See ENR 6.3	
SU P10 Paysandú Circle of 1 KM radius centered in point 321500S/0580500W	<u>ALT 600 M</u> GND	DINACIA Resolution 450/2009. ANCAP. See ENR 6.3	
SU P11 Juan Lacaze Circle of 1 KM radius centered in point 342500S/0572700W	<u>ALT 600 M</u> GND	DINACIA Resolution 450/2009. ANCAP Oil plant. See ENR 6.3	
SU P12 Dolores Circle of 1 KM radius centered in point 333100S/0581400W	<u>ALT 600 M</u> GND	Dec. 568/970. ANCAP Oil plant. See ENR 6.3	
SU P14 Treinta y Tres Circle of 1 KM radius centered in point 331400S/0542200W	<u>ALT 600 M</u> GND	DINACIA Resolution 450/2009. Planta de combustible de ANCAP. See ENR 6.3	
SU P15 Minas Circle of 1 KM radius centered in point 342400S/0551700W	<u>ALT 600 M</u> GND	DINACIA Resolution 450/2009. Portland cement factory. See ENR 6.3	
SU P18 Salto Grande Circle section 5 KM radius centered in 311700S/0575600W, limited by borderline between República Oriental del Uruguay and República Argentina	<u>ALT 600 M</u> GND	DINACIA Resolution 450/2009. Salto Grande dam. See ENR 6.3	

<i>Identification, name and lateral limits</i>	<i>Upper Limit</i> <i>Lower Limit</i>	<i>Remarks</i> (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
PROHIBITED AREAS		
SU P19 Palmar Circle of 5 KM radius centered over point 330400S/0572700W	<u>ALT 600 M</u> GND	DINACIA Resolution 450/2009. Palmar dam. See ENR 6.3
SU P20 Libertad Circle of 1.5 KM radius centered over point 343814S/0563847W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3
SU P22 Circle of 5 KM radius centered over point 342422S/0534531W (Isla Rasa). Area comprises Encantada, Round, Castillo Chico islands and a small island in front of Cabo Polonio.	<u>ALT 600 M</u> MSL	DINACIA Resolution 450/2009. Fauna protection. See ENR 6.3
SU P23 Circle of 5 KM radius centered in point 342051S/0534426W (Isla del Marco) in front of Barra de Valizas.	<u>ALT 600 M</u> MSL	DINACIA Resolution 450/2009. Fauna protection. See ENR 6.3
SU P24 Circle of 5 KM radius centered in point 335611S/0532905W (Coronilla Island). Area comprises Verde island and Coronilla small island.	<u>ALT 600 M</u> MSL	DINACIA Resolution 450/2009. Fauna protection. See ENR 6.3
SU P General Prohibited areas Military units: Overflights are Prohibited.	<u>ALT 600 M</u> GND	DINACIA Resolution 450/2009. See ENR 6.3
SU P25 La Tablada Circle of 500 M radius centered in point 344913S/0561433W	<u>ALT 600 M</u> GND	DINACIA Resolution 450/2009. Storage and fuel distribution plant. See ENR 6.3
SU P26 Refinery and Alcohol Circle of 1 KM radius centered in point 345229S/0561347W	<u>ALT 600 M</u> GND-MSL	DINACIA Resolution 450/2009. Oil refinery, alcohol and fuel tanks. See ENR 6.3

<i>Identification, name and lateral limits</i>	<i>Upper Limit</i> <i>Lower Limit</i>	<i>Remarks</i> (time of activity, type of restriction, nature of hazard, risk of interception)			
		1	2	3	
PROHIBITED AREAS					
SU P27 Terminal del Este Circle of 2 KM radius centered in 345120S/0544355W	<u>ALT 600 M</u> GND-MSL	DINACIA Resolution 450/2009. Oil reception and storage. See ENR 6.3			
SU P28 Santiago Vázquez Circle of 1.5 KM radius centered in point 344808S/0562100W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3			
SU P29 Femenino Circle of 0.5 KM radius centered in point 344731S/0561350W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3			
SU P30 Punta de Rieles Circle of 0.75 KM radius centered in point 345013S/0560518W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3			
SU P31 Canelones Circle of 0.5 KM radius centered in point 343125S/0561540W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3			
SU P32 Cerro Carancho Circle of 0.5 KM radius centered in point 305856S/0553152W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3			
SU P33 Las Rosas Circle of 0.5 KM radius centered in point 345014S/0545714W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3			
SU P34 Piedra de los Indios Circle of 0.5 KM radius centered in point 342325S/0574944W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3			
SU P35 Conventos Circle of 0.5 KM radius centered in point 322040S/0541435W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3			
SU P36 Paysandú Circle of 0.5 KM radius centered in point 321956S/0580413W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3			

<i>Identification, name and lateral limits</i>	<i>Upper Limit</i> <i>Lower Limit</i>	<i>Remarks</i> (time of activity, type of restriction, nature of hazard, risk of interception)	
		1 2 3	
PROHIBITED AREAS			
SU P37 Campanero Circle of 0.75 KM radius centered in point 342140S/0551046W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3	
SU P38 Durazno Circle of 0.75 KM radius centered in point 332357S/0563345W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3	
SU P39 Las Cañitas Circle of 0.5 KM radius centered in point 330940S/0581414W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3	
SU P40 Salto Circle of 0.5 KM radius centered in point 312258S/0575427W	<u>ALT 600 M</u> GND	DINACIA Resolution 396/2013. Unit for persons deprived of their liberty. See ENR 6.3	
SU P41 Torre Ejecutiva Circle of 950 M radius centered in point 345426S/0561200W	<u>450 M</u> GND-MSL	DINACIA Resolution 092/2015. See ENR 6.3	
SU P42 Residencia Presidencial Suárez Circle of 950 M radius centered in point 345137S/0561150W	<u>450 M</u> GND	DINACIA Resolution 092/2015. See ENR 6.3	
SU P43 Estancia presidencial Anchorena Circle of 1852 M radius centered in point 341656S/0575830W	<u>450 M</u> GND-MSL	DINACIA Resolution 092/2015. See ENR 6.3	
RESTRICTED AREAS			

<i>Identification, name and lateral limits</i>	<i>Upper Limit</i>	<i>Lower Limit</i>	<i>Remarks</i> (time of activity, type of restriction, nature of hazard, risk of interception)
	1	2	3
DANGER AREAS			
SU D8 Límits: from S of José Ignacio lagoon to the following coord: 345100S/0544100W, following straight N, up to intercept Rocha railway at the coord 344300S/0544700W. Then follow the railway to Rocha up to the coord 343400S/0542700W. Then to the S up to the sea at the following coord: 344400S/0542400W. The trapezoid will be complete by following the sea coast up to the origin point 345100S/0544100W	<u>UNL</u> GND		Area assigned for Naval Airbase C/C Capitán Carlos A. Curbelo local flights. See ENR 6.3 Dec. 461/1980.
SU D16 Area comprised between the following coord: 350100S/0543200W; 345000S/0540500W; 350900S/0535600W y 351900S/0542300W.	<u>UNL</u> MSL		Area assigned for Naval Airbase C/C Capitán Carlos A. Curbelo local flights. See ENR 6.3. Dec.812/974

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ENR 5.2 MILITARY EXERCISE AND TRAINING AREAS AND
AIR DEFENCE IDENTIFICATION ZONE (ADIZ)

Name Lateral limits	Upper/lower limits and system/means of activation announcement INFO for CIV FLT	Remarks Time of ACT Risk of interception (ADIZ)
1	2	3
TRAINING AREAS		
SU D16		
Area limited by the following coord: 350100S/0543200W; 345000S/0540500W; 350900S/0535600W y 351900S/0542300W.	<u>UNL</u> MSL Training flights of C/C Carlos A. Curbelo naval airbase.	Note: Also military training operations activities. Consult TWR SULS - 118.3 – 122.1 or MONTEVIDEO ACC 128.5 MHz
EXERCISE AREAS		
ZOM 3		
Perimeter comprised by the lines which links the following points: - 344816S/0561346W, 344545S/0561324W, - 344716S/0560554W, 344826S/0560817W..	<u>1000 FT</u> GND Restricted zone assigned to Cap. Boiso Lanza Airdrome local flights	ATC shall consult COA for authorization to activate ZOM 3
SU D8		
Limits: from S of José Ignacio lagoon to the following coord: 345100S/0544100W, following straight N, up to intercept Rocha railway at the coord 344300S/0544700W. Then follow the railway to Rocha up to the coord 343400S/0542700W. Then to the S up to the sea at the following coord: 344400S/0542400W. The trapezoid will be complete by following the sea coast up to the origin point 345100S/0544100W	<u>UNL</u> GND	Consult SULS TWR freq.118.3 – 122.1 MHZ or MONTEVIDEO ACC 128.5 MHZ - 126.3 MHZ

Name Lateral limits	Upper/lower limits and system/means of activation announcement INFO for CIV FLT	Remarks Time of ACT Risk of interception (ADIZ)
1	2	3
MILITARY OPERATION AREAS (ZOM)		
ZOM 5		
Circle of 3 KM radius centred in 344450S/0555740W (Gral. Artigas Mil Ad),	☛ <u>1000 FT</u> ☛ GND	☛ Restricted space for military flight. It is totally or partially activated, in VMC, from Monday to Friday between 11:00 and 20:00 UTC in ATC coordination between Carrasco APP, SUMU Tower and General Artigas Control Tower
☛ and the Flight Sectors (A, B, C and D):		
☛ <u>Sector A</u> : straight lines that join the following points 344333S/0555746W; 343959S/0555803W; 343859S/0555846W; 343647S/0555614W; 343832S/0555505W; 344206S/0555345W; 344333S/0555746W.	☛ <u>FL 050</u> ☛ GND	
☛ <u>Sector B</u> : straight lines that join the following points 343647S/0555614W; 343832S/0555505W; 344206S/0555344W; 344105S/0554804W; 343647S/0554859W; 343251S/0555225W; 343647S/0555614W.	☛ <u>FL 070</u> ☛ GND	
☛ <u>Sector C</u> : straight lines that join the following points 344105S/0554804W; 343647S/0554859W; 343251S/0555225W; 342655S/0554933W; 342804S/0553905W; 342910S/0553752W; 342908S/0553415W; 342934S/0553340W; 342938S/0553257W; 343218S/0552947W; 343654S/0552850W; 343858S/0553347W; 343940S/0553607W; 343948S/0553710W; 343950S/0553853W; 344003S/0554014W; 344001S/0554200W; 344015S/0554255W; 344023S/0554617W; 344105S/0554804W.	☛ <u>FL 070</u> ☛ GND	
☛ <u>Sector D</u> : straight lines that join the following points 343654S/0552850W; 343913S/0552903W; 344059S/0552635W; 344453S/0552713W; 344645S/0552350W; 344641S/0552726W; 344715S/0553101W; 344629S/0553405W; 344515S/0553601W; 344500S/0554037W; 344247S/0554130W; 344156S/0554210W; 344015S/0554255W; 344001S/0554200W; 344003S/0554014W; 343950S/0553853W; 343948S/0553710W; 343940S/0553607W; 343858S/0553347W; 343654S/0552850W.	☛ <u>FL 070</u> ☛ GND	

Name Lateral limits	Upper/lower limits and system/means of activation announcement INFO for CIV FLT	Remarks Time of ACT Risk of interception (ADIZ)
1	2	3
MILITARY OPERATION AREAS (ZOM)		
ZOM 7		
Sideway comprised area by the lines which link the following points: 323112S/0561741W; 323248S/0560421W; 325624S/0561825W; 325539S/0560636W.	<u>FL 100</u> GND	Activation coordinated between ATC and Durazno TWR
ZOM 8		
Circle of 1.5 NM centered in point 344839S/0560949W (Boizo Lanza)	<u>1000 FT</u> GND	Activation H24 coordinated between ATC and COA
ZOM 13		
Circle of 1 KM centered in point 332400S/0563100W	<u>ALT 600 M</u> GND	Activation coordinated between ATC and COA DINACIA Resolution 594/2010. ANCAP fuel tanks. See ENR 6.3
AIR DEFENCE IDENTIFICATION ZONE (ADIZ)		
Area delimited by: <u>external limit</u> : from 301046S/0573622W, Rio Uruguay coastline up to 340000S/0581820W, 343500S/057500W, 345259S/0570600W, 350734S/0561044W, 351004S/0545631W, 344802S/0535946W, 343000S/0533600W, 334900S/0531920W, 334136S/0532629W, 334120S/0533156W, Laguna Merin coastline, terrestrial border with Brazil, up to 301046S/0573622W; <u>internal limit</u> : 305749S/0571708W, 324603S/0541923W, 334956S/0535140W, 343130S/0561646W, 335128S/0574801W y 305749S/0571708W.	<u>UNL</u> SFC	It is mandatory to present Flight Plan to enter the ADIZ H24

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ENR 5.3 OTHER ACTIVITIES OF A DANGEROUS NATURE AND OTHER POTENTIAL HAZARDS

ENR 5.3.1 Other Activities of a Dangerous Nature

5.3.1.1 Authorization request for

- parachuting
- fireworks
- spotlight activities
- another activity of a dangerous nature that affects the use of the air space
- etc.

shall be requested by the responsible person of activity ten (10) days in advance in the format of the form SOLICITUDES DE ACTIVIDADES DE ÍNDOLE PELIGROSA.

5.3.1.2 The requests shall be addressed to División Tránsito Aéreo by the following means:

- Fax: 2604 0408 extension 5155 (División Tránsito Aéreo), or
2604 0298 (División Telecomunicaciones Aeronáuticas – CXK)
- Mail: zonaspeligrosas@dinacia.gub.uy

Form SOLICITUDES DE ACTIVIDADES DE ÍNDOLE PELIGROSA published on the web page of
DINACIA: <http://www.dinacia.gub.uy/solicitudes-de-actividades-de-indole-peligrosa.html>

The authorized activity shall be published on the website DINACIA/AIS PIB Uruguay
(<http://www.dinacia.gub.uy/ais/pib-boletin-anterior-al-vuelo/pib-uruguay>)

5.3.1.3 In certain circumstances and after studying, the activity requested in the control areas (CTR), may be authorized, creating the appropriate areas for the activity, considering the periods of time and space occupied. The activity shall be subject to coordination between the person in charge of the activity and the Air Traffic Control (TWR/APP y/o ACC).

5.3.1.4 The Restricted Areas for Military Activity shall be dealt at the Air Operations Centre (COA) of the Air Force who shall be the responsible military unit of the proceedings before the División Tránsito Aéreo (Air Traffic Division). The civil-military coordination for flexible use of airspace shall be made between the División Tránsito Aéreo (Air Traffic Division) and the COA.

ENR 5.3.2 Other Potential Hazards

Nil.

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ENR 5.4 AIR NAVIGATION OBSTACLES – EN- ROUTE
(Elevation/height 100 M AGL or more)

To be developed

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ENR 5.5 AERIAL SPORTING AND RECREATIONAL ACTIVITIES

Designation and lateral limits	Vertical Limits	Operator/user. Tel Nr	Remarks and time of ACT
1	2	3	4
GLIDING AREAS			
La Alameda aerodrome 344830S/0545530W 1 KM S of San Carlos city			Users will inform 1 hour prior activity start to SULS TWR, which give the appropriate notice. See ENR 1.1-2
FREE FLIGHT, PARAGLIDING, PARAMOTOR AND HANG GLIDING AREAS			
Punta Ballena Maldonado Department Circle with radius of 01 NM centred on 345436S/0550236W	<u>Not above 100 M</u> AGL	Tel: 4255 9904	The activation of the area is made by communication with SULS TWR Air Traffic Control
Cerro Largo – Minas			
Cerro Largo and Lavalleja Departments Circle with radius of 05 NM centred on 340850.84S/0551715.98W	<u>Not above 600 M</u> GND		
Quinte Rocha Department Circle with radius of 05 NM centred on 342144.08S/0542304.68W	 <u>Not above 600 M</u> GND		
Club del Caño	<u>Not above 600 M</u> GND		
Circle with radius of 05 NM centred on 340414.04S/0563428.63W			
Mal Abrigo	 <u>Not above 600 M</u> GND		
Circle with radius of 05 NM centred on 340802.85S/0565716.48W			
Kiyú	<u>Not above 300 M</u> GND		
Circle with radius of 10 NM centred on 344157S/0564415W			

Designation and lateral limits	Vertical Limits	Operator/user. Tel Nr	Remarks and time of ACT
1	2	3	4
FREE FLIGHT, PARAGLIDING, PARAMOTOR AND HANG GLIDING AREAS			
Cuervos Rivera Department Circle with radius of 05 NM centred on 305710S/0553711W	<u>Not above 600 M</u> GND	Tel.: 4623 2644	Conditions: Provide notice to Rivera TWR.
Cerro del Burro Circle with radius of 03 NM centred on 344920S/0551757W	<u>Not above 150 M</u> GND	Tel.: 4255 9904	Conditions: Provide notice to SULS TWR.
Montevideo and Canelones Coastline	<u>Not above 100 M</u> GND		Conditions: Not authorized within 05 NM from SUAA, SUMU and SULS.
From Punta Manantiales up to José Ignacio	<u>Not above 600 M</u> GND	Tel.: 4255 9904	Conditions: Provide notice to SULS TWR.
Playa Penino 1 NM de radio con centro en 344531.50S/0562554.66W	<u>Not above 300 M</u> GND	Tel.: 2322 8035 extension 211	Conditions: Provide notice to SUAA TWR.
NOTE:	<ol style="list-style-type: none"> 1) Take off, flight and landing shall not be carried out in a negligent or reckless manner that endangers the life or property of oneself or others. 2) They shall not fly over agglomerations of buildings, cities, inhabited places and over gatherings of people outdoors. 3) The flight shall be carried out during daylight hours and in VMC conditions keeping the terrain in sight. 4) Activity is not authorized within the 5 NM (9 KM) of SUMU, SUAA, SULS, SUCA, SUPU, SUSO, SUAG, SUTB, SUMO, SUDU, SURV airports, whatever their class of airspace. Outside 5 NM and within the CTR, if exists an Air Traffic Service, it shall be notified by telephone, informing of the activity to be carried out, keeping the altitude between GND and 120 M (400 FT). 5) When it is required to operate within 5 NM of the aerodrome, authorization must be requested from the Division Tránsito Aéreo 10 days in advance through the SOLICITUDES DE ACTIVIDADES DE ÍNDOLE PELIGROSA form. 6) Outside 10 NM of any aerodrome, activity is authorized in class G airspace. Limits from GND up to 800 M (2600 FT), always avoiding prohibited or restricted flight areas. 		

Designation and lateral limits	Vertical Limits	Operator/user. Tel Nr	Remarks and time of ACT			
			1	2	3	4
PARACHUTE JUMPING AREAS						
Aeroclub Canelones Circle with radius of 03 NM centred on 343143S/0561654W	<u>FL 120</u> GND					The activation of the area shall be made by communication with Air Traffic Control prior the jump.
☛ Aeródromo Juan Francisco Circle with radius of 01 NM centred on 343733S/0562219W	<u>FL 120</u> GND					The activation of the area shall be made by communication with Air Traffic Control prior the jump.
Guichón Aerodrome Circle with radius of 03 NM centred on 322100S/0571200W	<u>FL 120</u> GND					The activation of the area shall be made by communication with Air Traffic Control prior the jump.
Termas de Almirón Aerodrome Circle with radius of 03 NM centred on 322100S/0571612W	<u>FL 120</u> GND					The activation of the area shall be made by communication with Air Traffic Control prior the jump.
Artigas Aerodrome Circle with radius of 03 NM centred on 302357S/0563039W	<u>FL 120</u> GND					The activation of the area shall be made by communication with Air Traffic Control prior the jump.
Salto Aerodrome Circle with radius of 03 NM centred on 312605S/0575903W	<u>FL 120</u> GND					The activation of the area shall be made by communication with Air Traffic Control prior the jump.
Estación Tapia Circle with radius of 01 NM centred on 343427S/0554448W	<u>FL 120</u> GND					The activation of the area is made by Centro de Operaciones Aéreas
Fray Bentos Circle with radius of 03 NM centred on “Fray Bentos” Aerodrome 330831S/0581736W	<u>FL 120</u> GND					The activation of the area shall be made by communication with Air Traffic Control prior the jump.
La Calera Circle with radius of 03 NM centred on 341759S/0552133W	<u>FL 120</u> GND					The activation of the area is made by Centro de Operaciones Aéreas

Designation and lateral limits	Vertical Limits	Operator/user. Tel Nr	Remarks and time of ACT			
			1	2	3	4
PARACHUTE JUMPING AREAS						
Minas Circle with radius of 03 NM centred on Aeroclub Minas 342309S/0551340W	<u>FL 120</u> GND					The activation of the area shall be made by communication with Air Traffic Control prior the jump.
Paysandú ¹ Circle with radius of 03 NM centred on the Aerodrome 322147S/0580359W	<u>FL 120</u> GND					The activation of the area shall be made by communication with Air Traffic Control prior the jump.
Punta del Este Circle with radius of 03 NM centred on “El Jagüel” Aerodrome 345451S/0545512W	<u>FL 120</u> GND					The activation of the area shall be made by communication with SULS Air Traffic Control prior the jump. See AD 2.11-20 “Local Traffic Regulations”
San Jacinto Circle with radius of 03 NM centred on 343559S/0555253W	<u>FL 150</u> GND					The activation of the area shall be made by communication with Air Traffic Control prior the jump.
San José Circle with radius of 03 NM centred on 342015S/0564237W	<u>FL 120</u> GND					The activation of the area shall be made by communication with Air Traffic Control prior the jump.
Toledo Circle with radius of 03 NM centred on 344507S/0560508W	<u>FL 120</u> GND					The activation of the area is made by Centro de Operaciones Aéreas
NOTE: All recreational activities must be developed under VMC conditions, free of clouds.						

Designation and lateral limits	Vertical Limits	Operator/user. Tel Nr	Remarks and time of ACT
1	2	3	4
REMOTELY PILOTED AIR DEVICE AREAS			
Parque Baroffio Perimeter limited by the following coord: 345303.30S/0560520.31W, 345303.81S/0560518.11W, 345310.66S/0560521.42W, 345310.54S/0560523.53W	<u>30 M</u> GND		
Parque Marcos Sastre Perimeter limited by the following coord: 344815.24S/0560521.76W, 344812.07S/0560526.09W, 344811.03S/0560524.18W, 344811.98S/0560523.40W, 344813.27S/0560521.49W	<u>30 M</u> GND		
Parque Miguelete Perimeter limited by the following coord: 345026.45S/0561100.82W, 345022.37S/0561056.93W, 345022.46S/0561050.84W, 345027.59S/0561054.53W	<u>30 M</u> GND		
Parque Tomkinson Perimeter limited by the following coord: 345048.38S/0561650.52W, 345051.19S/0561645.89W, 345054.75S/0561650.34W, 345050.74S/0561653.07W	<u>30 M</u> GND		

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ENR 5.6 BIRD MIGRATION AND AREAS WITH SENSITIVE FAUNA

1. Bird Migration

1.1 Migration:

Bird migration occurs mainly two times a year:
April - May (autumn migration) and October November (spring migration).

1.2 Spring Migration

Spring migration occur between October and November, it includes the displacement of chorlos and playeros, some ducks and birds of pray, swans and gooses direction S to N. These species move at a heights up to 6000 meters.

1.3 Autumn

Autumn migration occurs between April and May, it includes duck displacement, chorlos and playeros and little birds S to N direction. These species move at a heights up to 6000 meters.

1.4 Reporting of bird strike

General

To obtain wider statistics about bird strikes, the Unidad de Control Aviario of Carrasco International Airport, dependent on Dirección General de Infraestructura Aeronáutica, collects information about. Therefore, we request that all pilots flying in the Montevideo FIR / UIR, notify to the Unidad de Control Aviario (Bird Control Unit), every bird strike or incidents where there was risk of bird strikes.

Notification

Every bird strike must be notified according to ICAO Doc. 9332-AN/909. Forms A and B provided in this document are to be submitted to the Oficina de Inspectores de Transporte Aéreo Comercial (TAC) at Carrasco International Airport where the impact occurred or immediately in the next landing, if the impact occurred in flight.

The original must be sent to:

Comité Nacional de Prevención del Peligro Aviario
DINACIA (Oficina Reguladora de Trámites)
Av. de las Industrias Wilson Ferreira Aldunate (ex Camino Carrasco) 5519
14002 Canelones
Uruguay

ENR 6-8 and 6-9 charts show main migration routes and bird concentration, migration periods and heights.

2. Areas with sensitive fauna

2.1 Many species of birds and mammals are sensitive to aircraft noise and overflight their breeding and resting sites may be critical.

Uruguay River coast and fields close to it. Comprises coastline of Rio Uruguay and bordering between Artigas and Salto Departments. Site of international relevance by the presence of some species of the genus Sporophila that are in decline.

Esteros de Farrapos and Río Uruguay islands. Group of islands, marshlands and interconnected waterways, dead river arms, over 55 km on the River Uruguay.

Rio Negro mouth and coastal lagoons. Includes the Rio Negro confluence with the Rio Uruguay and associated marshlands and lagoons.

Juan Lacaze marshlands. Comprises marshlands and coastal sites next to Juan Lacaze city.

"El Tapado" ranch and associated countryside.

Waterfowl breeding sites.

India Muerta marshlands area.

3. ROUTE AND MIGRATION CORRIDORS

BIRD TYPE	MONTHS	MAXIMUM HEIGHT
Geeses and Swans	April/May	8.200 M
Ducks	November/January	2.300 M
Chorlos y Playeros	April/May October/November	5.000 a 6.000 M
Small crows	April/May	-
Little birds	April/May October/November	6.000 M

Littoral Corridor: made up the riverbed of the Rio Uruguay with its islands and associated coastal environments (wetlands, lakes, grasslands and forests).

North corridor: includes a corridor of variable width borderline with Brazil, which adds an area of invasion of subtropical fauna that descends through the mountains and canyons north of Uruguay.

Coast route: comprises atlantic coastline and Río de la Plata, lagoons and other associated aquatic environments.

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