

LELN AD 2 AERODROME DATA

LELN AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LELN - LEÓN

LELN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP	423519N 0053922W. See AD 2-LELN ADC.
2	Distance and direction from the city	6 km SW.
3	Elevation	916 m/3006 ft.
4	Geoid undulation	55.39 m ± 0.05 m.
5	Reference temperature	27°C.
6	Low average temperature	3°C.
7	Magnetic variation	1° W (2020).
8	Annual change	8.7' E.
9	AD administration	Ejército del Aire y del Espacio.
10	Address	← Base Aérea de León, Avda. Aviación s/n. 24071 Virgen del Camino. León.
11	TEL	MIL: +34-987 302 000 CIV: +34-987 877 708
12	FAX	MIL: +34-987 843 697 CIV: +34-987 877 710
13	AFTN	LELN
14	E-mail	MIL: aba@ea.mde.es CIV: operacioneslen@aena.es
15	Approved traffic	VFR/IFR.
16	Remarks	None.

LELN AD 2.3 OPERATIONAL HOURS

1	Airport	MIL: V: 0730-1900; I: 0830-2000 (1). CIV: V: 0730-1900; I: 0830-2000.
2	Customs and Immigration	HR AD.
3	Health and Sanitation	MIL: No. CIV: No.
4	AIS/ARO/OPV	HR AD.
5	MET briefing	V: 0600-1900; I: 0700-2000
6	ATS	HR AD.

7	Fuelling	MIL: HR AD. F-34 AVBL on request. PPR 48 HR. CIV: O/R, PPR 3 HR.
8	Handling	MIL: HR AD. CIV: HR AD.
9	Security	H24.
10	Deicing	CIV: HR AD O/R.
11	Remarks	(1) For extension of operating hours and foreign state/military aircraft, see item 20: Local regulations.

LELN AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo facilities	MIL: Up to 4000 kg.
2	Fuel types	MIL: F-34. CIV: JET A-1.
3	Oil types	MIL: O/R.
4	Refuelling capacity	MIL: JP-8 (F-34): 2 trucks 20000 L, 16.7 L/s. CIV: Tank 60000 L, 1 truck 30000 L, 13.3 L/s.
5	Deicing facilities	CIV: Service provided by Handling operator. O/R.
6	Hangar space	No.
7	Repair facilities	No.
8	Remarks	MIL: GPU: Unit of AC (up to 45 KVA) and DC (up to 1500 A). CIV: Ramp agent: - IBERIA • TEL: +34-987 877 718 • FAX: No • Mobile phone: No • E-mail: lenkq@iberia.es • SITA: LENKQIB

LELN AD 2.5 PASSENGER FACILITIES

1	Hotels	MIL: Yes.
2	Restaurant	No.
3	Transportation	MIL: Buses and light vehicles available on request. CIV: Taxis (on request), hire cars.
4	Medical facilities	MIL: No. CIV: No.
5	Bank/Post Office	No/No.
6	Tourist information	No.
7	Remarks	None.

LELN AD 2.6 RESCUE AND FIREFIGHTING SERVICES

1	Fire category	MIL: 4. CIV: 5 (1).
2	Rescue equipment	MIL: Does not correspond with the fire category (2). CIV: In accordance with the fire category published.
3	Removal of disabled aircraft	<p>Yes.</p> <p>Own means available for the transfer of disabled aircraft:</p> <p>MIL:</p> <ul style="list-style-type: none"> Push-back tractor. Forklift truck until 8 TM. <p>CIV:</p> <ul style="list-style-type: none"> DOLLY apron until 5 TM. DOLLY apron until 10 TM. Towing bars associated.
4	Remarks	(1) 6 and 7 on demand. (See item 20, "Procedure for requesting fire category on demand"). (2) On demand, prior request. (See item 20 "Procedure for requesting military rescue equipment on demand").

LELN AD 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN

1	Types of clearing equipment	Snowplough with 4 m snowplough blade and 5 m ³ urea spreader incorporated and one sweeper/snowplough with 3.4 m snowplough blade.
2	Clearance priorities	Runway, TWT A, B, C and aprons.
3	Use of material for movement area surface treatment	Urea (UREA).
4	Specially prepared winter runways	Not applicable.
5	Remarks	Period of application of snow plan: 01-NOV to 30-APR. Runway surface condition assessment and reporting in accordance with the Global Reporting Format (GRF) methodology described in AD 1.2.2. Aerodrome in service during all seasons of the year.

LELN AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron	<p>Surface:</p> <p>MIL: Concrete and asphalt. CIV: Concrete and asphalt.</p> <p>Strength:</p> <p>MIL: PCN 13/R/B/W/T. CIV: PCN 121 /F/A /W/T.</p>
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2	Taxiways	Width: TWY A: 23 m. TWY B and C: 18 m. Surface: Asphalt. Strength: A: PCN 55/F/C/W/T. B: PCN 94/F/A/W/T. C: PCN 26/F/B/W/T.
3	Check locations	Altimeter: MIL Apron: 913 m / 2995 ft. CIV Apron: 911 m / 2989 ft. VOR: No. INS: No.
4	Remarks	None.

LELN AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Taxiing guidance system	Runway-holding position, boards, stop bars, stands and intermediate holding points.
2	RWY markings	Designators, threshold, centre line, side stripe, aiming point and touchdown zone.
3	TWY markings	Centre line and side stripe.
4	Remarks	None.

LELN AD 2.10 AERODROME OBSTACLES

In approach and take-off areas, circuit and AD areas

DESIGNATION	DESCRIPTION	COORDINATES	ELEV // HGT (M)	MARKED
LELN-AUX-VOR-2007	VOR / VOR	423537.6N 0053845.9W	920 / 6	Yes
LELN-AUX-2050-2007	Lightning rods	423537.7N 0053844.9W	923 / 8	–
LELN-AUX-2051-2007	Lightning rods	423537.5N 0053847.2W	923 / 9	–
LELN-OBST-028-2014	Antenna	423505.8N 0053910.1W	973 / 64	Yes
LELN-2021-0003	Floodlighting pole	423527N 0053846W	942 / 30	Yes
LELN-2021-0004	Floodlighting pole	423525N 0053843W	942 / 30	Yes
LELN-2021-0005	Floodlighting pole	423529N 0053835W	942 / 30	Yes
LELN-2021-0006	Floodlighting pole	423532N 0053839W	942 / 30	Yes

Remarks: See AD 2-LELN AOC.
(1) NO_ADQ.

LELN AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	MET office	CIV/MIL: León / Virgen del Camino OMD.
2	HR	V: 0600-1900; I: 0700-2000. Outside these hours, a half-hourly METAR AUTO will be issued.

3	METAR	Half-hourly.
4	TAF	24 HR.
5	TREND	No.
6	Briefing	In person and by telephone.
7	Flight documentation/Language	Charts and plain language / Spanish.
8	Charts	Significant, forecasted in altitude (wind and temperature) maps.
9	Supplementary equipment	Clouds, lightning image and radar information display. Aeronautical meteorological self-service.
10	ATS unit served	TWR.
11	Additional information	Madrid OMAe (LEMC): H24 <ul style="list-style-type: none"> • TEL: +34-915 045 807 • León / Virgen del Camino OMD: HR AD • TEL: +34-987 300 326
12	Remarks	Aerodrome climatological summary available. Aerodrome warning available.

LELN AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

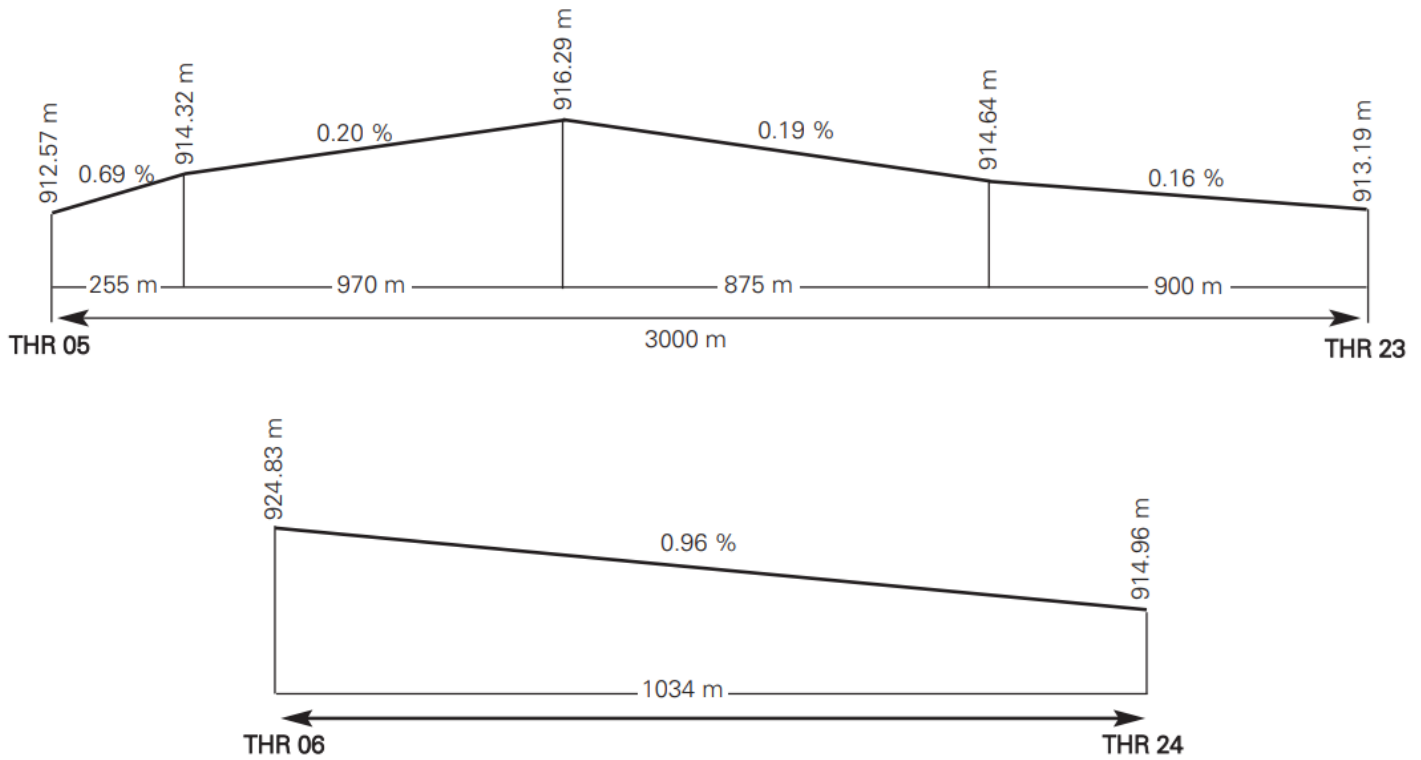
RWY	Direction	DIM (m)	THR PSN	THR ELEV TDZ ELEV	SWY (m)	CWY (m)	Strip (m)	OFZ	RESA (m)	RWY/SWY SFC PCN
05	045.33° GEO 046° MAG	3000 x 45	423455.02N 0053954.99W	THR: 913 m / 2994 ft TDZ: No	No	No	3120 x 198	No	90 x 150	RWY: ASPH PCN 105/F/C/W/T (1) SWY: No
23	225.35° GEO 227° MAG	3000 x 45	423603.35N 0053821.41W	THR: 913.2 m / 2996 ft TDZ: 914.6 m / 3001 ft	No	No	3120 x 198	INFO NO AVBL	90 x 240	RWY: ASPH PCN 105/F/C/W/T (1) SWY: No
06 (2)	060.15° GEO 061° MAG	1034 x 100	423523.94N 0053942.81W	THR: 925 m / 3034 ft TDZ: No	No	No	No	No	No	RWY: Compacted natural soil 5700 kg SIWL at 6.0 kg/cm2 SWY: No
24 (2)	240.16° GEO 241° MAG	1034 x 100	423540.61N 0053903.49W	THR: 915 m / 3002 ft TDZ: No	No	No	No	No	No	RWY: Compacted natural soil 5700 kg SIWL at 6.0 kg/cm2 SWY: No

Remarks:

(1) The first 300 m from THR 05: PCN 89/F/B/W/T.

(2) Unserviceable runway.

12.1 PROFILE



LELN AD 2.13 DECLARED DISTANCES

RWY	TORA (m)	TODA (m)	ASDA (m)	LDA (m)
05	3000	3000	3000	3000
23	3000	3000	3000	3000
06 (1)	1034	1034	-	-
24 (1)	1034	1034	-	-
Remarks	(1) Unserviceable runway. Exclusive military use.			

LELN AD 2.14 APPROACH AND RUNWAY LIGHTING

1	Runway	05
2	Approach	No.
3	PAPI (MEHT)	3° (8.91 m/29 ft).
4	Threshold	Green.
5	Touchdown zone	No.
6	Runway centre line	3000 m: 2100 m white+600 m white and red+300 m red. LIH. Distance between lights: 30 m.
7	Runway edge	3000 m white. LIH. Distance between lights: 60 m.
8	Runway end	Red.
9	Stopway	No.
10	Remarks	None.

1	Runway	23
2	Approach	Precision CAT I, 900 m. LIH.
3	PAPI (MEHT)	3.45° (19.47 m/64 ft).
4	Threshold	Green.
5	Touchdown zone	No.
6	Runway centre line	3000 m: 2100 m white+600 m white and red+300 m red. LIH. Distance between lights: 30 m.
7	Runway edge	3000 m white. LIH. Distance between lights: 60 m.
8	Runway end	Red.
9	Stopway	No.
10	Remarks	None.

LELN AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN	No.
2	WDI	1 near THR 05; 1 near THR 23. LGTD.
3	TWY lighting	Edge.
4	Apron lighting	CIV: Edge and 4 floodlighting poles. MIL: NIL.
5	Secondary power supply	Standby equipment that provide a switch-over time (light) for CAT I according to Annex 14.
6	Remarks	None.

LELN AD 2.16 HELICOPTER LANDING AREA

1	Position	At military and civil apron; <ul style="list-style-type: none"> • Geoid undulation: see LELN AD 2.2. • FATO: RWY 05/23. • Ground taxiing: TWY A. TLOF coincides with RWY 05/23. • Air taxiing: TWY A. TLOF coincides with PRKG 7
2	Elevation	<ul style="list-style-type: none"> • FATO: RWY 05/23. Elevation THR 05 and THR 23, see LELN AD 2.12. • Ground taxiing: TWY A. TLOF coincides with RWY 05/23, see LELN AD 2.2. • Air taxiing: TWY A. TLOF coincides with PRKG 7, see LELN AD 2.2.
3	Dimensions, surface, maximum weight, marking	<ul style="list-style-type: none"> • FATO: RWY 05/23. See LELN AD 2.12. • TLOF: inside FATO and at PRKG 7. • PRKG 7: MAX ACFT B412.
4	Direction	FATO 05/23.
5	Declared distances	Information not available.
6	Lighting	See LELN AD 2.14.

7	Remarks	None.
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LELN AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

1	Designation	CTR LEÓN.
2	Lateral limits	Circle radius 10 NM centred on DVOR EON.
3	Vertical limits	SFC-1000 ft AGL.
4	Airspace class	D.
5	Language/Unit	LEÓN TWR. ES/EN.
6	Transition altitude	1850 m/6000 ft.
7	Hours of applicability	HR AD.
8	Remarks	None.

1	Designation	ATZ LEÓN.
2	Lateral limits	Circle radius 8 km centred on ARP. (1)
3	Vertical limits	SFC-3000 ft HGT (2).
4	Airspace class	D.
5	Unit Language	LEÓN TWR. ES/EN.
6	Transition altitude	-
7	Hours of applicability	-
8	Remarks	(1) Or the ground visibility, whichever is lower. (2) Or up to the cloud ceiling, whichever is lower.

LELN AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service	Call sign	FREQ	HR	Remarks
APP	León APP	121.280 C	HR AD	APP/L
TWR	León TWR	122.105 C	HR AD	CIV/MIL
		122.105 C	HR AD	GMC
		139.305 C	HR AD	MIL
		257.800 MHz	HR AD	MIL
		121.500 MHz	HR AD	EMERG
		243.000 MHz	HR AD	EMERG

LELN AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Facility (VAR)	ID	FREQ	HR	Coordinates	DME ELEV	Remarks
DVOR (1° W)	EON	112.000 MHz	H24	423537.6N 0053846.1W	—	—
DME	EON	CH 57 X	H24	423537.4N 0053845.5W	930 m	—

Facility (VAR)	ID	FREQ	HR	Coordinates	DME ELEV	Remarks
LOC 23 (1° W) ILS CAT I	ILE	109.500 MHz	H24	423450.7N 0054000.9W	—	227° MAG / 190 m FM THR 05.
GP 23	—	332.600 MHz	H24	423559.1N 0053834.7W	—	3.45°, RDH 17.40 m; at 307 m FM THR 23 & 120 m FM RCL to the right in the direction of APCH.
ILS/DME 23	ILE	CH 32 X	H24	423559.1N 0053834.7W	918 m	REF DME THR 23.

LELN AD 2.20 LOCAL AERODROME REGULATIONS

20.1 RESTRICTIONS TO OPERATIONS

Civil aircraft (IFR/VFR) not based at León Air Base / León Airport shall only be authorized to carry out a practice of approaches, touchdowns or take-offs, prior to final touchdown, when an accepted flight plan with destination LELN AD exists.

20.2 EXTENSION OF OPERATING HOURS

EXTENDED OPERATING HOURS FOR CIVIL AIRCRAFT

Any request for an extension of operating hours shall be brought to the attention of OPS CIV (CIVIL OPERATIONS), which will forward it to the Air Base's aviation authority.

The applicant airline shall send a fax or email to OPS (+34-987 877 710 – operacioneslen@aena.es), attaching all the details of the flight operation it intends to carry out.

The application must be received no later than 20:30 local time on the day in question. Requested extensions may be granted until 22:30 local time. The head of OPS CIV shall notify the applicant company whether the application has been approved or rejected.

In the case of exceptional requests for extensions exceeding 22:30 local time, these shall be submitted via the same channel at least 7 days in advance.

EXTENDED OPERATING HOURS FOR MILITARY AIRCRAFT

Military aircraft requiring extended operating hours for operational reasons shall submit a request 24 hours in advance, sending the request for extended hours and details of the support required, Monday to Friday during office hours, to the following email address: aba@ea.mde.es or via official courier services.

If, for operational reasons, you are unable to submit your request with the aforementioned notice period, or if it is a weekend or public holiday, you must notify us of your need for extended opening hours one hour in advance by calling +34-690 138 019 // +34-987 843 617 (Day Shift Manager, León Air Base).

20.3 FOREIGN STATE/MILITARY AIRCRAFTS

PPR request is mandatory at least 72 hours in advance. When transporting dangerous goods, it will be requested at least two working days in advance

PPR request will be submitted during HR AD to the AFTN addresses LELNZPZX and LELNYXYX and to the e-mail address: ecta_leln@mde.es

20.4 PROCEDURE FOR REQUESTING FIRE CATEGORY ON DEMAND

Conditions for activation and provision of security level 6 or 7 on demand. León Airport provides category 5 SEI continuously and category 6 and 7 on demand. To operate with category 6 or 7 interested companies must request this via e-mail: operacioneslen@aena.es

The request must be made at least 7 days before the date planned and must contain the following data:

- Flight number.
- Flight class.
- Aircraft type.
- Required category.
- Expected date and time.

Confirmation of category 6 or 7 will be made through the same means it was requested by.

20.5 MINIMUM RUNWAY OCCUPATION TIME

20.5.1 ARRIVALS

To reduce the incidence of "go-around", lower the runway occupancy time and therefore make maximum use of it, pilots must vacate the runway as soon as possible, without entailing any detriment to the safety and normal operation of the aircraft.

20.5.2 DEPARTURES

Aircraft arriving at the runway holding position should have carried out all the previous checks and should be fully prepared to line up and initiate the take-off run immediately after receiving the appropriate authorisation. Any aircraft that cannot comply with this requirement for whatever reason should notify ATC before reaching the holding position.

20.6 PROCEDURE FOR REQUESTING MILITARY RESCUE EQUIPMENT ON DEMAND

To ensure that the military-civil rescue equipment corresponds to the fire category published, interested units should request it at least 48 hours in advance by e-mail: aba@ea.mde.es

The request should be made at least 48 hours before the date envisaged for the flight, and must contain the following data:

- Flight number.
- Flight class.
- Type of aircraft.
- Category required.
- Date and time expected.

Confirmation of availability shall be sent by the same means by which it was requested.

20.7 SAFETY REPORTING

The pilots/operator shall report to the airport manager as soon as possible of any accident, incident, occurrence or event which might affect operational safety, have a potential operational impact, whether as involved party or witness.

The aim of these notifications is the compilation of information for improvement of safety, independently of the mandatory notification of occurrences to the relevant air navigation authority. Data may be sent in any format, including at least the following information:

- Place, date and time.
- Parties involved (data identifying the vehicles, aircraft... involved).
- Companies/public bodies involved.
- Description of the facts.
- Any other data considered relevant (such as lighting or atmospheric conditions, operation phase such as take-off/landing/stop-over, pavement condition, etc.).

The email address for the reception of safety reports is:

For action: aba@ea.mde.es

With copy to: Seguridad_Operacional_LEN@aena.es ; ecta_leln@mde.es

In addition to notifying the airport manager by means of the indicated system, it is necessary to send at least the basic data of the accident, incident, occurrence or event to the air traffic control services provider (ATC).

20.8 APPLICATION FOR CIVIL OPERATIONS OF AIRCRAFT WITH CODE LETTER HIGHER THAN "C"

León Aerodrome permits civil operations for code letter C aircraft. For code letters D and E aircraft, the following procedure shall be followed:

Please submit your request to operacioneslen@aena.es at least 7 days in advance. The following information shall be provided in the application:

- Flight number
- Flight class
- Aircraft type
- Aircraft registration number
- Category required
- Scheduled date and time

The following shall be taken into account regarding the movement of these aircraft:

- Surface movement: entry to and exit from the runway via TWY A.
- Parking: the area between PRKG 7 and 8, guided by the Airport's RFFS service.
- Operational restrictions: these aircraft shall taxi at reduced speed, with the outer engines switched off wherever possible and the remaining engines idling. Seats PRKG 1, 2, 3, 6, 9, 10, 11, 12, 13 and 17 must remain unoccupied whilst the aircraft is in motion.

20.9 CIVIL HELICOPTER OPERATIONS

FATO: RWY 05/23.

TLOF: RWY 05/23 and PRKG 7.

Helicopter landing pad: PRKG 7.

The aircraft shall air taxi or taxi on the ground, depending on its equipment. Vacate the runway via TWY A and proceed to the assigned position.

For B412-type aircraft or larger, a request must be submitted to operacioneslen@aena.es, which shall assess it within the framework of the SMS before considering approval of the activity.

LELN AD 2.21 NOISE ABATEMENT PROCEDURES

No.

LELN AD 2.22 FLIGHT PROCEDURES

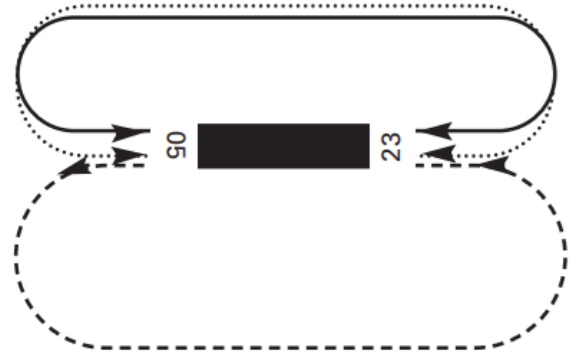
When the LED7 zone is active, aircraft shall enter the traffic circuit at the south of the airfield.

22.1 LOW VISIBILITY PROCEDURES (LVP)

León Airport does not have Low Visibility Procedures (LVP).

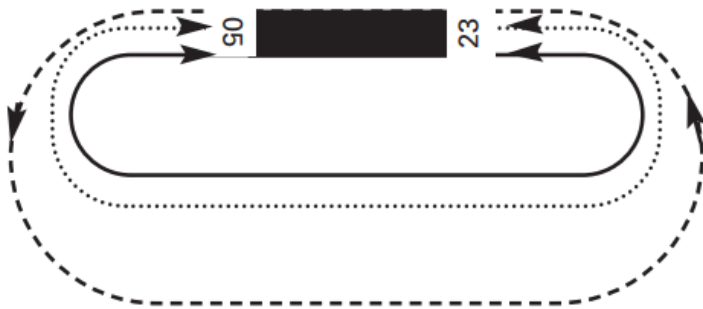
22.2 AD TRAFFIC CIRCUIT

- Circuito de helicópteros // Helicopters circuit 1000 ft AGL MAX.
- Circuito de tránsito // Traffic circuit 1000 ft AGL MAX.
- - - - - Circuito de fallo de comunicaciones // Communications failure circuit 500 ft AGL MAX



Remarks: Caution: Antenna 160 ft AGL to the South of TWR.

22.3 AD TRAFFIC CIRCUIT WITH LED7 ACTIVATED

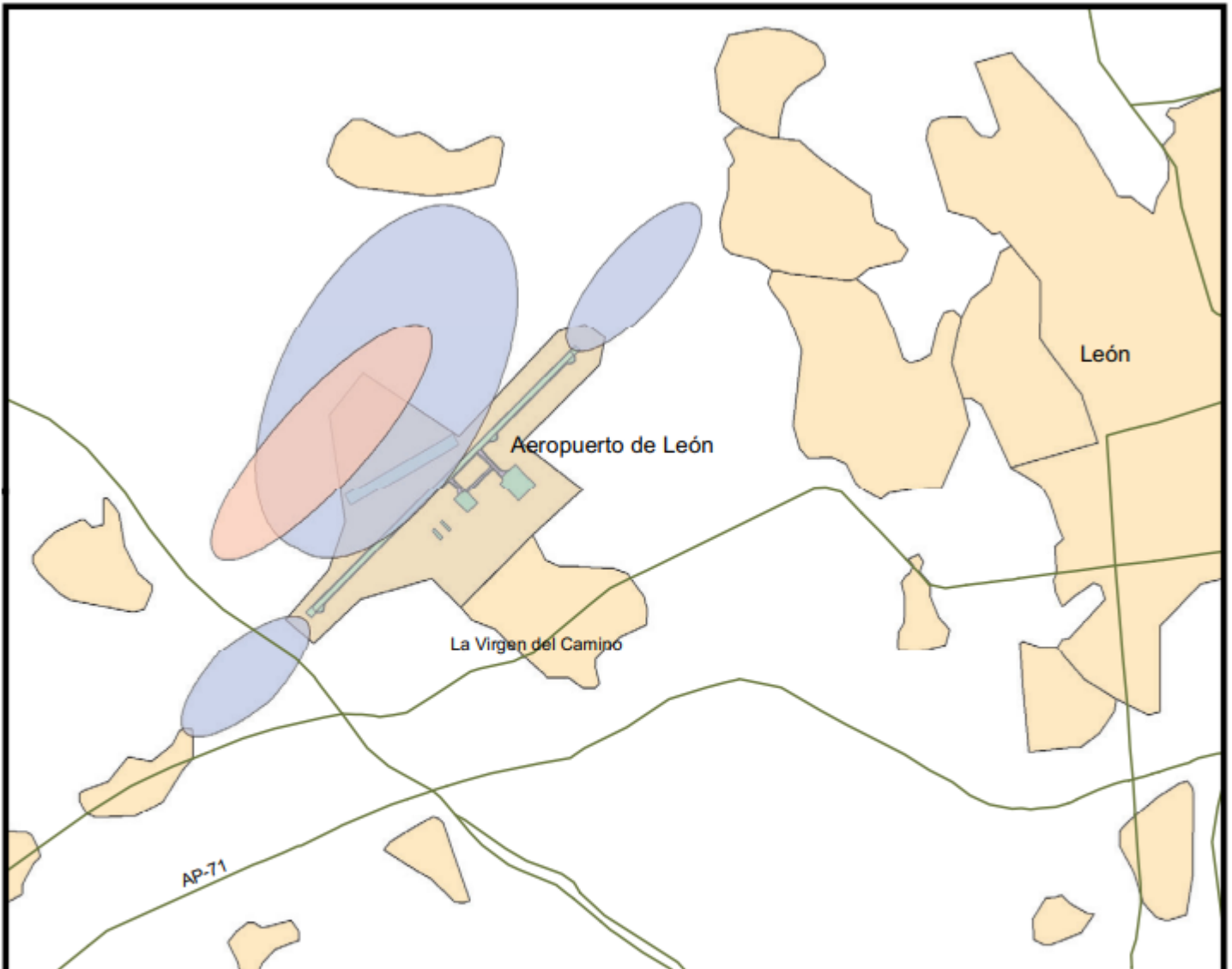


- Circuito de helicópteros // Helicopters circuit 1000 ft AGL MAX.
- Circuito de tránsito // Traffic circuit 1000 ft AGL MAX.
- - - - - Circuito de fallo de comunicaciones // Communications failure circuit 500 ft AGL MAX

Remarks: Air taxiing up to helicopter apron following TWR instructions.

LELN AD 2.23 ADDITIONAL INFORMATION

23.1 BIRD CONCENTRATION ZONES IN THE VICINITY OF THE AERODROME



	MILANOS Y OTRAS RAPACES // KITES AND OTHER BIRDS OF PREY.
	CIGÜEÑAS // STORKS.

NOTA: PROBABILIDAD DE OTRO TIPOS DE AVES EN TODO EL MAPA.
NOTE: PROBABILITY OF OTHER TYPES OF BIRDS ANYWHERE ON THE MAP.

23.1.1 BIRD CONCENTRATION ZONES

Zone 1: Concentration of kites and other birds of prey.

Zone 2: Concentration of storks.

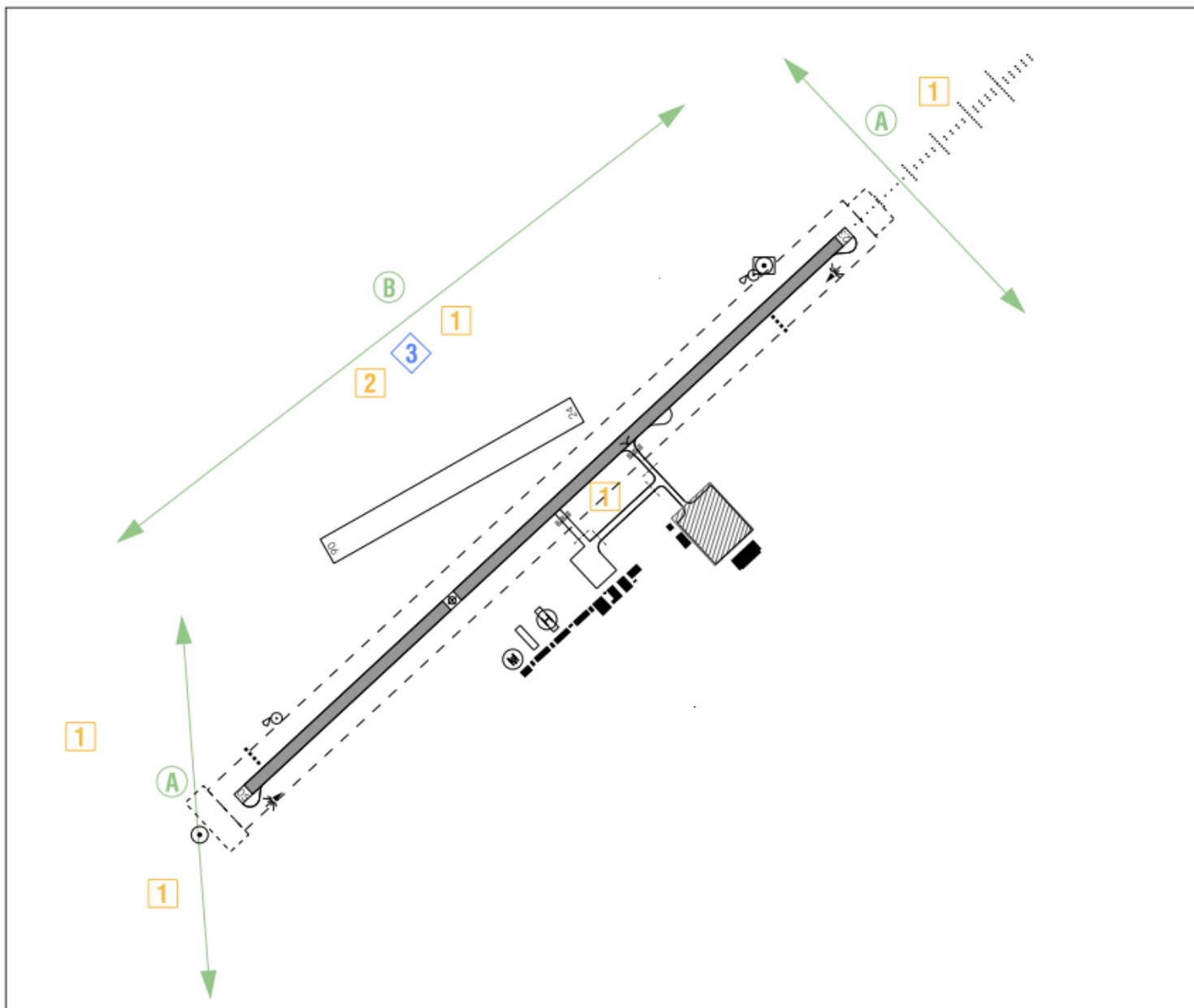
23.1.2 FEEDING AND DRINKING ZONES

Zone 3: Concentration of storks.

23.1.3 BIRD MOVEMENT ZONES

Movement A: Kites and other birds of prey.

Movement B: Storks.



LELN AD 2.24 AERONAUTICAL CHARTS RELATED TO AN AERODROME

The list of charts related to the aerodrome can be found on the link below:

<https://aip.enaire.es/AIP/#LELN>

LELN AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable.