

LEVD AD 2 AERODROME DATA

LEVD AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LEVD - VALLADOLID/Villanubla

LEVD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP	414222N 0045107W. See AD 2-LEVD ADC.
2	Distance and direction from the city	10 km NW.
3	Elevation	846 m / 2775 ft.
4	Geoid undulation	53.65 m ± 0.05 m. (1)
5	Reference temperature	29°C.
6	Low average temperature	3°C.
7	Magnetic variation	1°W (2020).
8	Annual change	8.5'E.
9	AD administration	Ejército del Aire y del Espacio.
10	Address	Base Aérea de Valladolid, Ctra. Adanero-Gijón km. 204; 47620 Villanubla (Valladolid).
11	TEL	CIV: +34-983 415 500; +34-983 415 503 (OPS). MIL: +34-983 368 400
12	FAX	CIV: +34-983 415 513 MIL: +34-983 368 479
13	AFTN	LEVD.
14	E-mail	CIV: OPS: vlloperaciones@aena.es MIL: ala37_sec-gral@mde.es ; ALA37_ATC@mde.es
15	Approved traffic	IFR/VFR.
16	Remarks	(1) For all AD points.

LEVD AD 2.3 OPERATIONAL HOURS

1	Airport	CIV: V: MON-FRI 0600-1915; SAT, SUN & HOL: 0630-1830 (1) I: MON-FRI 0700-2015; SAT, SUN & HOL: 0730-1930 (1). MIL: V: MON-FRI 0600-1915; SAT, SUN & HOL: 0630-1830. Other hours according to training periods (2) I: MON-FRI 0700-2015; SAT, SUN & HOL: 0730-1930. Other hours according to training periods. (2)
2	Customs and Immigration	HR AD.
3	Health and Sanitation	No.
4	AIS/ARO/OPV	HR AD.
5	MET briefing	HR AD PS 1 HR BFR.

6	ATS	HR AD.
7	Fuelling	CIV: HR AD. MIL: HR AD.
8	Handling	HR AD.
9	Security	H24.
10	De-icing	HR AD.
11	Remarks	(1) According to local regulations. (2) For foreign state/military aircraft is mandatory request PPR at least 72 hours in advance to: - E-mail: PREPARACIÓN_VUELOS_LEVD@mde.es, ala37_ATC@mde.es - AFTN: LEVDZPZX, LEVDYOYX. - FAX: +34-983 36 84 90

LEVD AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo facilities	CIV: No limitations. MIL: SATA CAT IV. Auxiliary cargo handling capabilities: Fork-lift trucks up to 10 TM.
2	Fuel types	CIV: JET A-1, 100LL. MIL: F-34.
3	Oil types	CIV: W100. MIL: G-354, G-395, H-573, O-156.
4	Refuelling capacity	CIV: JET A-1: 1 tank 45000 L, 15 L/s. 1 tank 10000 L, 15 L/s. 100LL: 1 tank 10000 L, 1.66 L/s. MIL: F-34: Tanks 20000 L, 16.66 L/s.
5	De-Icing facilities	Yes (PRKG 0, 0A and 0B).
6	Hangar space	No.
7	Repair facilities	No.
8	Remarks	Thaw by GLICOL. MIL: GPU: Unit of AC (up to 100 KVA) and DC (up to 2600 A). Ramp agents: - SOUTH - TEL: +34 650 135 072 - E-mail: vllkq@southeu.com - SITA: VLLKQIB Facilities for emptying aircraft holds: - CIV: pool at 414208.1N 0045055.8W - Fuel: TEL: +34-628 939 326 - E-mail: vll@exolum.com

LEVD AD 2.5 PASSENGER FACILITIES

1	Hotels	MIL: Yes.
2	Restaurant	Yes.
3	Transportation	CIV: Taxis and buses. MIL: Buses and light vehicles available on request.
4	Medical facilities	CIV: No. MIL: First aid and ambulance.
5	Bank/Post Office	No / No.
6	Tourist information	No.
7	Remarks	None.

LEVD AD 2.6 RESCUE AND FIREFIGHTING SERVICES

1	Fire category	CIV: 7. MIL: 5. V: 0600-1915 (MON, TUE, WED, THU and FRI). I: 0700-2015 (MON, TUE, WED, THU and FRI). 4. V: 0600-1915 (SAT, SUN and holidays not Sunday). (1) I: 0700-2015 (SAT, SUN and holidays not Sunday). (1) From 01/07 to 30/09 and from 22/12 to 08/01. (1)
2	Rescue equipment	CIV/MIL: In accordance with the fire category published.
3	Removal of disabled aircraft	MIL: Equipment: LUNA RSL 45/9000-A with hook maximum capacity 30 TM. Low pressure bags up to 24 TM.
4	Remarks	(1) MIL category extendible to 5 with PPR 48 HR.

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

1	Equipment	Lorry and tractor with snowplough spade and urea spreader.
2	Priority	RWY, TWY A, Civil apron, TWY T and C.
3	Remarks	Period of application: from 01-NOV to 30-APR. Iced / anti-iced of RWY 05/23, TWY and apron with urea.

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

1	Apron	Surface: Concrete. Strength: CIV: PCN 72/R/C/W/T. MIL: 20000 kg SIWL.
2	Taxiways	Width: 23 m, EXC A: 22.54 m. Surface: Concrete, EXC T4, T5, C6: asphalt. Strength: CIV: PCN 72/R/C/W/T. MIL: 30000 kg SIWL.

3	Check locations	Altimeter: Apron: CIV: 843 m / 2766 ft. MIL: 845 m / 2772 ft. VOR: No. INS: See AD 2-LEVD PDC 1.2.
4	Remarks	None.

LEVD AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Taxiing guidance system	Boards, runway-holding positions, stands and stop bars.
2	RWY markings	Designators, threshold, centre line, side stripe, aiming point, touchdown zone and pre-threshold area.
3	TWY markings	Edge and centre line.
4	Remarks	None.

LEVD AD 2.10 AERODROME OBSTACLES

1	Obstacles in Approach, Take-Off Climb, Conical, Inner Horizontal, Transitional, Inner Transitional and Balked Landing Surfaces established in ICAO Annex 14; and the areas 2A and 3 established in ICAO Annex 15. Those penetrating these surfaces are identified in the CSV file as "Relevante_Relevant = Si/Yes".	See Item 10 and Data Set.
2	Remarks	See AD 2-LEVD AOC.

LEVD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	MET office	CIV: Valladolid OMD. MIL: Villanubla OMD.
2	HR	HR AD PS 1 HR BFR. Outside this schedule, a half-hourly METAR AUTO will be issued.
3	METAR	Hourly.
4	TAF	24HR.
5	TREND	Yes.
6	Briefing	In person and by telephone.
7	Flight documentation/Language	Charts and plain language / Spanish.
8	Charts	Significant forecasted, wind and temperature in altitude maps.
9	Supplementary equipment	Aeronautical meteorological self-service and cloud images, lightning and radar information display.
10	ATS unit served	TWR, OPV, APP.
11	Additional information	Madrid OMAe (LEMC): H24 • TEL: +34-915 045 807 MET office Valladolid: HR AD • TEL: +34-983 369 679

12	Remarks	Aerodrome climatological summary available. Aerodrome warnings available.
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LEVD 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	045.48° GEO 046° MAG	3005 x 45	414149.27N 0045153.12W	THR: 843 m / 2767 ft TDZ: No	50 x 45 (2)	300 x 150	3125 x 280 (3)	No	90 x 120	RWY: ASPH PCN 100/F/A/W/T SWY: Asphaltic concrete PCN: INFO NO AVBL
23	225.50° GEO 226° MAG	3005 x 45	414257.56N 0045020.42W	THR: 845.8 m / 2775 ft TDZ: 845.8 m / 2775 ft	206 x 45 (2)	206 x 150	3125 x 280 (3)	Yes	90 x 120	RWY: ASPH PCN 100/F/A/W/T SWY: Hydraulic concrete PCN: INFO NO AVBL
14 (1)	144.06° GEO 145° MAG	907 x 60	414247.94N 0045142.52W	THR: 844 m / 2769 ft TDZ: No	200 x 65	600 x 300	950 x 250	No	No	RWY: Hard soil 10000 kg SIWL 6.0 kg/cm2 SWY: INFO NO AVBL
32 (1)	324.06° GEO 325° MAG	907 x 60	414224.14N 0045119.50W	THR: 844 m / 2770 ft TDZ: No	65 x 65	550 x 300	950 x 250	No	No	RWY: Hard soil 10000 kg SIWL 6.0 kg/cm2 SWY: INFO NO AVBL

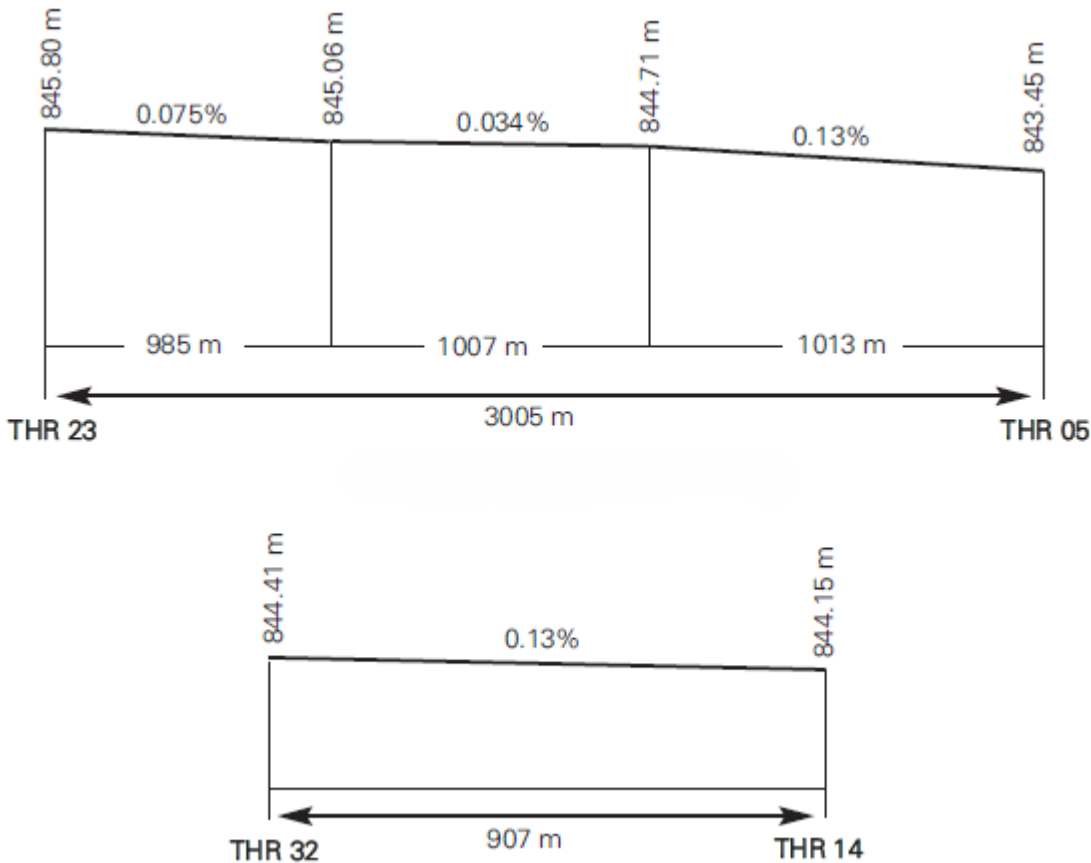
Remarks:

(1) RWY 14/32 military use only.

(2) SWY RWY 05/23 military use only.

(3) First 579 m RWY 05 right side: strip 290 m.

12.1 PROFILE



LEVD AD 2.13 DECLARED DISTANCES

RWY	TORA (m)	TODA (m)	ASDA (m)	LDA (m)
05	3005	3305	3005 (1)	3005
23	3005	3211	3005 (2)	3005
14	907	1507	1107	907
32	907	1457	972	907
Remarks: (1) ASDA MIL: 3055. (2) ASDA MIL: 3211.				

LEVD AD 2.14 APPROACH AND RUNWAY LIGHTING

1	Runway	05
2	Approach	No.
3	PAPI (MEHT)	3° (16.34 m/54 ft).
4	Threshold	Green with wing bars.
5	Touchdown zone	No.
6	Runway centre line	3005 m: 2105 m white + 600 m white and red + 300 m red. LIH. Distance between lights: 15 m.
7	Runway edge	3005 m: 2405 m white + 600 m yellow. LIH. Distance between lights: 60 m.
8	Runway end	Red. LIH. Distance between lights: 6 m.
9	Stopway	No.
10	Remarks	None.

1	Runway	23
2	Approach	Precision CAT II/III 420 m. Runway lead-in lighting system (120).
3	PAPI (MEHT)	3° (16.15 m/53 ft).
4	Threshold	Green with wing bars.
5	Touchdown zone	900 m white.
6	Runway centre line	3005 m: 2105 m white + 600 m white and red + 300 m red. LIH. Distance between lights: 15 m.
7	Runway edge	3005 m: 2405 m white + 600 m yellow. LIH. Distance between lights: 60 m.
8	Runway end	Red. LIH. Distance between lights: 6 m.
9	Stopway	No.

10	Remarks	None.
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1	Runway	14
2	Approach	No.
3	VASIS/PAPI	No.
4	Threshold	No.
5	Touchdown zone	No.
6	Runway centre line	No.
7	Runway edge	No.
8	Runway end	No.
9	Stopway	No.
10	Remarks	None.

1	Runway	32
2	Approach	No.
3	VASIS/PAPI	No.
4	Threshold	No.
5	Touchdown zone	No.
6	Runway centre line	No.
7	Runway edge	No.
8	Runway end	No.
9	Stopway	No.
10	Remarks	None.

LEVD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN	No.
2	WDI	1 near THR 05. 1 near THR 23. 1 near CIV apron. LGTD. 1 near MIL apron no LGTD.
3	TWY lighting	Edge and centre line. EXC: C-2, C-3 and C-5 edge.
4	Apron lighting	Floodlighting poles, edge.
5	Secondary power supply	Engine generators that provide a switch-over time (light) for CAT II/III according to Annex 14.
6	Remarks	None.

LEVD AD 2.16 HELICOPTER LANDING AREA

1	Position	No.
2	Elevation	No.
3	Dimensions, surface, maximum weight, marking	No.
4	Direction	No.
5	Declared distances	No.
6	Lighting	No.
7	Remarks	None.

LEVD AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

1	Designation	CTR VALLADOLID.
2	Lateral limits	415025N 0051733W, circular sector radius 25 NM centred on 414722N 0044421W to 412229N 0044039W, 415025N 0051733W.
3	Vertical limits	SFC - FL100.
4	Airspace class	D.
5	Unit Language	VALLADOLID TWR. ES/EN.
6	Transition altitude	1850 m / 6000 ft.
7	Hours of applicability	-
8	Remarks	None.

1	Designation	ATZ VALLADOLID.
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	VALLADOLID 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.

LEVD AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service	Call sign	FREQ	HR	Remarks
APP/TWR	Valladolid TWR	122.205 C	HR AD	APP/L
		121.500 MHz	HR AD	EMERG
		139.300 MHz	HR AD	MIL
		139.700 MHz	HR AD	MIL

Service	Call sign	FREQ	HR	Remarks
APP/TWR	Valladolid TWR	243.000 MHz	HR AD	EMERG
		257.800 MHz	HR AD	MIL

LEVD AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Facility (VAR)	ID	FREQ	HR	Coordinates	DME ELEV	Remarks
VOR	NUB	113.650 MHz	H24	414219.2N 0045103.3W	-	-
DME	NUB	CH 83Y	H24	414219.2N 0045103.3W	840 m	-
LOC 23 ILS CAT II/III (1°W)	IVD	109.300 MHz	H24	414143.5N 0045201.0W	-	226° MAG / 256 m FM THR 05.
GP 23	-	332.000 MHz	H24	414247.5N 0045026.7W	-	3°; RDH 16.65 m; at 323 m FM THR 23 & 120 m FM RCL to the left in APCH direction.
ILS/DME	IVD	CH 30X	H24	414247.5N 0045026.7W	852 m	REF DME THR 23.

LEVD AD 2.20 LOCAL AERODROME REGULATIONS

Parachute jumping and dropping exercises will take place periodically. Relevant information will be published by NOTAM in advance.

20.1 RESTRICTIONS TO OPERATIONS

No civil aircraft (IFR/VFR) will be cleared to practise approaches or touch-and-goes. Landing will be authorised only if a flight plan with destination LEVD is approved. It is compulsory for civil training flights to request PPR at least 72 hours in advance at the following email addresses PREPARACIÓN_VUELOS_LEVD@mde.es, ala37_ATC@mde.es and FAX: +34-983 368 490.

20.2 EXTENSION OF OPERATING HOURS

Request to extend civil Operating Hours will be submitted by companies or aircraft operators to the delegate of Aena in Villanubla Air Base at least four days in advance. For regular companies operating from or to Villanubla, delayed for reasons not attributable to them, they may submit the request to extend operating hours at least two hours in advance.

20.3 ILS CATEGORY II AND III OPERATIONS

RWY 23, subject to service availability of the appropriate approach and landing aids, is suitable for carrying out CAT II and III operations by air operators whose operational minima has been approved by the aeronautical civil authority.

20.4 OPERATIONAL SAFETY REPORTS

Pilots/operator shall report to the airport as soon as possible any accidents, incidents, occurrences or events that may have a potential operational impact and in which they have been involved or witnessed.

The aim of these reports is to compile the information in order to improve operational safety, independently of the compulsory report of the occurrence to the appropriate aeronautical authority. Data may be sent in any format, including at least the following information:

- Date and time.
- Site.
- Parties involved (data used to identify vehicles, aircraft...involved).
- Companies involved.
- Description of facts.
- Any other data considered relevant (e.g. lighting conditions, weather, operational phase, such as take-off / landing / stopover, pavement conditions...).

The contact e-mail address of the airport, for receipt of operational safety reports, is the following: Seguridad_Operacional_VLL@aena.es

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

LEVD AD 2.21 NOISE ABATEMENT PROCEDURES

No.

LEVD AD 2.22 FLIGHT PROCEDURES

22.1 LOW VISIBILITY PROCEDURES (LVP)

22.1.1 GENERAL

22.1.1.1 RWY 23 is equipped with ILS CAT II/III and authorised for CAT III approach.

22.1.1.2 RWY 05/23 is authorised for use for take-off in low visibility conditions, LVTO.

22.1.2 CRITERIA FOR APPLICATION AND CANCELLATION OF PROCEDURES

22.1.2.1 Low Visibility Procedures shall apply when the RVR value or general visibility, if RVR is out of service, is 1000 m or below or the cloud ceiling is below 75 m.

22.1.2.2 Low Visibility Procedures shall end when:

- RVR value is higher than 1000 m, the cloud ceiling is 90 m or above for at least 10 minutes and the improvement trend for the meteorological conditions is strong.
- Application of the procedure shall be suspended when there are no operations in progress or planned that require application of the LVP.

22.1.3 DETAILS OF ENTRIES TO RUNWAY

22.1.3.1 For runway access, aircraft shall proceed depending on the runway in use:

A. THR 23:

- For aircraft leaving the civil apron: exit the apron by TWY A, cross the runway, follow TWY C-4, T-4 and T-5 until C-6.
- For aircraft leaving the military apron: follow TWY T-4 and T-5 until C-6.

B. THR 05:

- For aircraft leaving the civil apron: exit the apron by TWY A, cross the runway, follow TWY C-4, T-3, T-2 and T-1 until C-1.
- For aircraft leaving the military apron: follow TWY C-1-1, T-2 and T-1 until C-1.

22.1.3.2 When vacating the runway, civil aircraft that have already landed will vacate runway in use by TWY C-1, following the parallel TWY until C-4, crossing the runway and following TWY A until the civil apron. While LVP procedures are activated, TWY C-2, C-3 and C-5 will be closed. In the case of military aircraft, the runway in use shall be vacated by TWY C-1 following parallel TWY until C-1-1 to the military apron.

22.1.4 DETAILS OF HOLDING POINTS AVAILABLE

The runway holding points corresponding to the threshold of each runway will be used.

22.1.5 GROUND MOVEMENT RESTRICTIONS

Usually, while the low visibility procedures are in force, the movement of only one aircraft will be authorised by TWR.

Pilots shall verify the aircraft position at all times, especially at intersections, checking that taxiing is being conducted under

complete safety conditions. In case of disorientation or when in doubt, pilots shall stop the aircraft and immediately notify the TWR.

The "Follow me" vehicle in the civil area shall accompany the aircraft between the stand and C-1 or C-6 via TWY, and vice versa, if the pilot has requested this service.

During Low Visibility Procedures, apron safety rules shall be respected with special attention. Passengers boarding and debarking shall use a bus. Failing that, the handling agent must guide passengers through pedestrian paths and service roads available for such purpose. In both cases, security regulations shall be observed with special attention.

22.1.6 LOW VISIBILITY PROCEDURE DESCRIPTION

22.1.6.1 General

Pilots will be informed of the application of the Low Visibility Procedures by radiotelephone. Any incident affecting LVP will be communicated immediately.

The integrated system at the meteorology office will provide runway visual range (RVR) values directly as follows:

- RVR ALPHA: figures corresponding to the touchdown zone.
- RVR BRAVO: figures corresponding to the runway mid-point.
- RVR CHARLIE: runway end figures.

22.1.6.2 CAT II/III approach and landing.

Landing clearance shall not be granted after the aircraft is located 2 NM from TDZ. If that is not possible, instructions shall be given to execute the missed approach manoeuvre. When CAT II/III approaches are executed, landing clearance shall be granted only when the sensitive areas of ILS (LSA) are cleared.

22.1.6.3 Departures with low visibility.

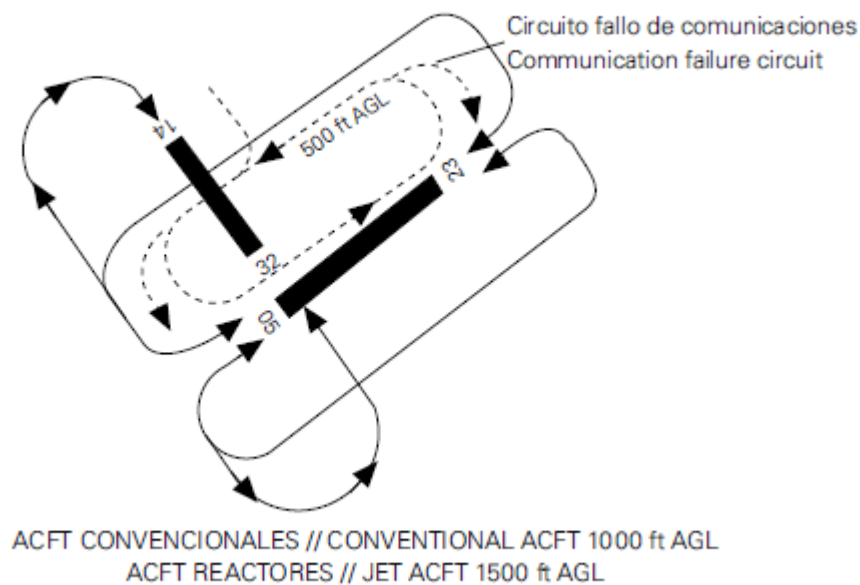
- A. RWY 05/23 are appropriately suited for take-off in low visibility conditions, according to the aerodrome's operational tables of minima, appendix 1 OPS 1.430 and will be interpreted with the criteria and exceptions of this document.
- B. The minima for departure (RWY 05/23) shall be established by each operator.
- C. TWR will inform the pilots of the application of the Low Visibility Procedures.
- D. Pilots shall request engine start-up from TWR with RVR figures equal to or greater than their departure minima.
- E. In case of disorientation, pilots shall stop the aircraft and notify the TWR immediately.

22.1.7 COMMUNICATIONS FAILURE

If an aircraft or vehicle has a communication failure in the manoeuvres area, the following procedure shall apply:

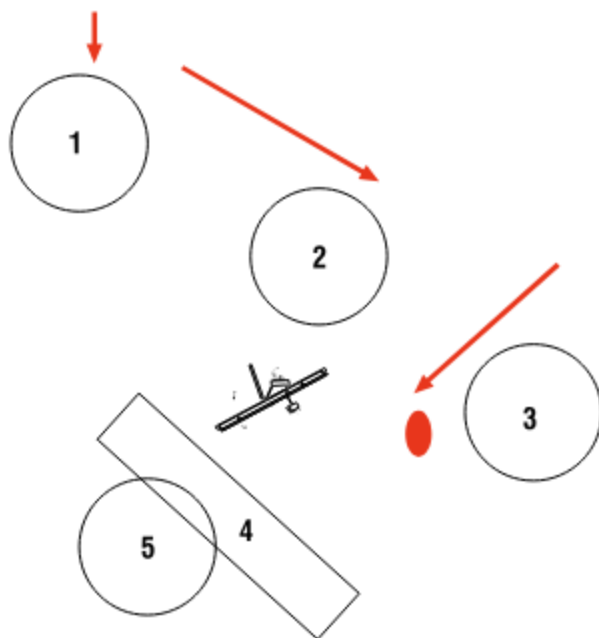
- A. If it is a departing aircraft, it shall continue on the assigned route until the clearance limit, taking care to avoid deflection and maintaining position and awaiting the arrival of a "Follow me" vehicle, which will provide guidance until the stand position or the assigned holding bay.
- B. If it is an arriving aircraft, it shall hold its position in the first segment of the taxiway in which the ILS sensitive area is cleared and awaiting the arrival of a "Follow me" vehicle, which will provide guidance until the assigned stand position.
- C. If it is a vehicle, it shall hold its position and await the arrival of a "Follow me" vehicle, which will provide guidance to the assigned point. If the communications failure occurs while crossing or remaining on a RWY, it shall vacate the RWY as soon as possible, stopping the vehicle off the runway and awaiting the arrival of a "Follow me" vehicle.

22.2 AD TRAFFIC CIRCUIT



LEVD AD 2.23 ADDITIONAL INFORMATION

23.1 BIRD CONCENTRATION AREAS

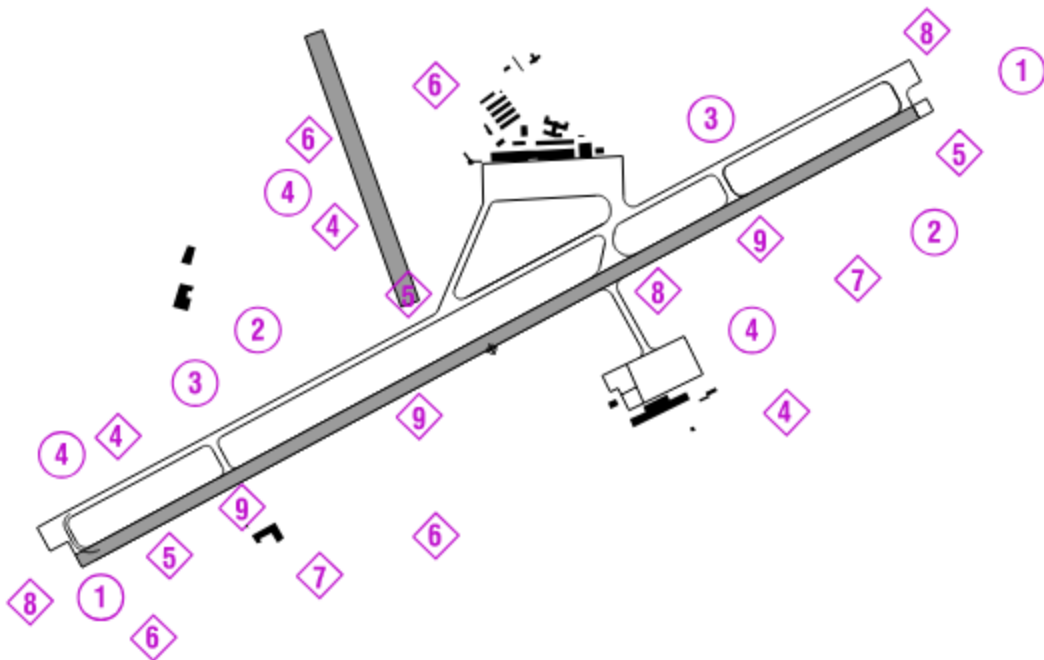


- Zone 1: Kites
- Zone 2: Storks
- Zone 3: Vultures

Zone 4: migratory pigeons

Zone 5: Common buzzards.

The movement route is indicated by arrows and ends at the landfill, marked by a red dot.



- Zone 1: Red kites
- Zone 2: Starlings
- Zone 3: Crossing of pigeons
- Zone 4: Common Buzzard
- Zone 5: Black kites
- Zone 6: Booted eagles
- Zone 7: White storks
- Zone 8: Griffon vultures
- Zone 9: Swallows and swifts

Note that the circles correspond to the winter season, while the diamonds represent the spring-summer season.

LEVD 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/#LEVD>

LEVD AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable.