

LERT AD 2 AERODROME DATA

LERT AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LERT - CÁDIZ/Rota

LERT AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP	363843N 0062058W. See AD 2-LERT ADC.
2	Distance and direction from the city	2 km NE from Rota.
3	Elevation	26 m / 86 ft.
4	Geoid undulation	45.86 m ± 0.05 m. (1)
5	Reference temperature	24°C.
6	Low average temperature	10°C.
7	Magnetic variation	1°W (2020).
8	Annual change	7.9'E.
9	AD administration	Armada Española.
10	Address	Armada Española: Jefatura aeródromo Militar B.N. Rota; 11530 - Rota-Naval (Cádiz).
11	TEL	+34-956 827 497
12	FAX	+34-956 827 047
13	AFTN	LERT
14	E-mail	oficina_aeronautica_rota@mde.es
15	Approved traffic	IFR/VFR. Exclusive military use. (2)
16	Remarks	(1) For all AD points. (2) Spain-USA joint use aerodrome. USA State aircraft see FLIP DoD USA.

LERT AD 2.3 OPERATIONAL HOURS

1	Airport	H24. (1)
2	Customs and Immigration	Yes. (2)
3	Health and Sanitation	HR AD.
4	AIS/ARO/OPV	USA: H24. SPAIN: V: MON-FRI: 0600-1400; SAT, SUN & HOL: 0730-0900. (3); I: MON-FRI: 0700-1500; SAT, SUN & HOL: 0830-1000. (3)
5	MET briefing	HR AD.
6	ATS	HR AD.

7	Fuelling	USA: H24. SPAIN: V: MON-FRI EXC HOL: 0600-1200. (3); I: MON-FRI EXC HOL: 0700-1300. (3)
8	Handling	HR AD.
9	Security	H24.
10	De-icing	No.
11	Remarks	(1) USA State aircraft: PRECOPE diplomatic authorisation and PPR in accordance with FLIP DoD USA. Third nationality State aircraft: Diplomatic authorisation and PPR 48 HR. Spanish civil aircraft: Authorisation Jefe Estado Mayor de la Armada (AJEMA) and PPR 48 HR. (2) Request 48 HR in advance to LERT Aeronautical Information Office. • TEL: +34-956 827 497 • FAX: +34-956 827 047 • E-mail: oficina_aeronautica_rota@mde.es (3) Outside these hours, it will provide services during flights of Spanish and third nationality aircraft operating at LERT. Other hours available by 2 HR advance request to the LERT Aeronautical Information Office / Flight Officer. • TEL: +34 956 827 010

LERT AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo facilities	Yes. PPR.
2	Fuel types	F-34.
3	Oil types	INFO NO AVBL.
4	Refuelling capacity	Trucks: 20000 L & 40000 L: 16.66 L/s.
5	De-Icing facilities	No.
6	Hangar space	No.
7	Repair facilities	No.
8	Remarks	GPU: Alternating current (up to 1200 kVA) and direct current (up to 2500 A for 5 seconds / 1000 A continuous) units.

LERT AD 2.5 PASSENGER FACILITIES

1	Hotels	Yes.
2	Restaurant	Yes.
3	Transportation	Yes. PPR.
4	Medical facilities	First aids and motor ambulance.
5	Bank/Post Office	Yes.
6	Tourist information	No.
7	Remarks	None.

LERT AD 2.6 RESCUE AND FIREFIGHTING SERVICES

1	Fire category	9.
2	Rescue equipment	In accordance with the fire category published.
3	Removal of disabled aircraft	Tractors with dragging bars. Flatbed tractor.
4	Remarks	None.

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

1	Equipment	Backhoe sweeper vehicle, front loader vehicle and self-propelled crane vehicle.
2	Priority	Runway and movement area.
3	Remarks	None.

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

1	Apron	Surface: Concrete. Strength: 22650 Kg SWL.
2	Taxiways	Width: 20 m heliport. 23 m main aerodrome. Surface: Asphalt. Strength: 22650 Kg SWL.
3	Check locations	Altimeter: 363808N 0062808W. ELEV 26 m/86 ft. VOR: No. INS: No. TACAN: before holding área RWY 10 y TWY E.
4	Remarks	None.

LERT AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Taxiing guidance system	Runway-holding positions, boards and stands.
2	RWY markings	Designators, threshold, centre line, side stripe, touchdown zone and aiming point.
3	TWY markings	Centre line and side stripe.
4	Remarks	Inertial verification signal in north apron. The aiming point of RWY 28 is different from the PAPI.

LERT AD 2.10 AERODROME OBSTACLES

10.1 IN APPROACH AND TAKE-OFF AREAS

RWY Area	Obstruction	Coordinates
10	Antenna 191 m / 627 ft	101° / 9.50 NM FM TACAN
28	Antenna 45 m / 148 ft	149° / 1.50 NM FM TACAN
	Transmission pole 155 m / 509 ft	149° / 9.00 NM FM TACAN
	Transmission pole 155 m / 509 ft	155° / 9.02 NM FM TACAN
	Water tank 82 m / 269 ft	177° / 0.70 NM FM TACAN

RWY Area	Obstruction	Coordinates
	Antenna 70 m / 230 ft	0.20 NM to N RWY
	Antenna 28.7 m / 94 ft	363845N 0062157W

10.2 IN CIRCLING AREA AND AT AD

Obstruction	Coordinates
Floodlighting poles Parking 51 m / 165 ft	132°–147° / 0.6–0.7 NM FM TACAN
Floodlighting poles in Haz Cargo 47 m / 140 ft	087° / 0.7 NM FM TACAN
Remarks	Aerial electricity cables cross the approach path to threshold RWY 28 in N/S direction, at 0.8 NM from the THR. Poles 37 m/121 ft height.

LERT AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

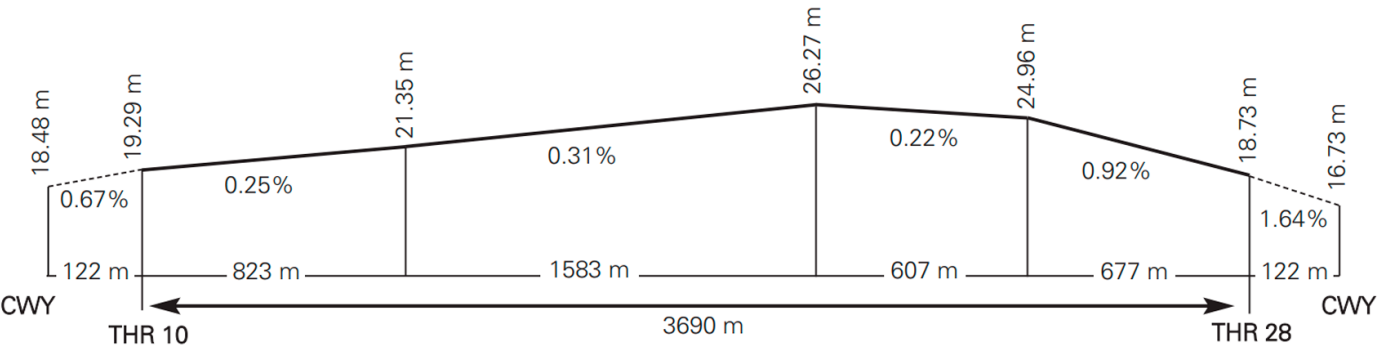
1	MET office	Rota OMD.
2	HR	H24.
3	METAR	Half-hourly.
4	TAF	24 HR.
5	TREND	Yes.
6	Briefing	In person and by telephone. TEL: +34-956 827 048
7	Flight documentation/Language	Charts and plain language/Spanish/English.
8	Charts	Significant, forecasted in altitude (wind and temperature) and maximum wind maps.
9	Supplementary equipment	Satellite images, lightning and radar information display.
10	ATS unit served	OPV, TWR.
11	Additional information	Sevilla OMAe (LESV): H24 - TEL: +34-954 462 030; TEL: +34-954 460 699 Rota OMD: H24 - TEL: +34-956 827 048
12	Remarks	None.

LERT AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY	Direction	DIM (m)	THR PSN	TDZ ELEV	SWY (m)	CWY (m)	Strip (m)	OFZ	RESA (m)	RWY/SWY SFC PCN
10	096.87°GEO 098°MAG	3690 x 61	363849.93N 0062211.86W	THR: 19.5 m / 64 ft TDZ: 22.2 m / 73 ft	45 x 61	122 x 61	No	No	No	RWY: CONC/ASPH/CONC PCN 68/F/A/W/T SWY: INFO NO AVBL PCN 06/R/B/W/T
28	276.90°GEO 278°MAG	3690 x 61	363835.58N 0061944.40W	THR: 19 m / 62 ft TDZ: No	45 x 61	122 x 61	No	No	No	RWY: CONC/ASPH/CONC PCN 68/F/A/W/T SWY: INFO NO AVBL PCN 06/R/B/W/T

RWY	Direction	DIM (m)	THR PSN	TDZ ELEV	SWY (m)	CWY (m)	Strip (m)	OFZ	RESA (m)	RWY/SWY SFC PCN
Remarks: None.										

12.1 PROFILE



LERT AD 2.13 DECLARED DISTANCES

RWY	TORA (m)	TODA (m)	ASDA (m)	LDA (m)
10	3690	3812	3735	3690
28	3690	3812	3735	3690
Remarks: None.				

LERT AD 2.14 APPROACH AND RUNWAY LIGHTING

1	Runway	10
2	Approach	No.
3	PAPI (MEHT)	3° (15.24 m / 50 ft), north of the runway.
4	Threshold	Green.
5	Touchdown zone	No.
6	Runway centre line	No.
7	Runway edge	3690 m white. LIH. (1) Distance between lights: 61 m.
8	Runway end	Red.
9	Stopway	No.
10	Remarks	(1) Adjustable intensity lights.

1	Runway	28
2	Approach	No.
3	PAPI (MEHT)	2.75° (36.57 m / 120 ft), south of the runway.
4	Threshold	Green.
5	Touchdown zone	No.
6	Runway centre line	No.

7	Runway edge	3690 m white. LIH. (1) Distance between lights: 61 m.
8	Runway end	Red.
9	Stopway	No.
10	Remarks	(1) Adjustable intensity lights.

LERT AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN	ALTN FLG W/G EV 9s. HN. See AD 2-LERT ADC.
2	WDI	1 near ARP. LGTD.
3	TWY lighting	Edge.
4	Apron lighting	Edge.
5	Secondary power supply	Standby equipment that provides to the whole lighting system a maximum time of connection (light) of 15 seconds, according to Annex 14.
6	Remarks	Aerodrome beacon of height 269 ft SE of TWR.

LERT AD 2.16 HELICOPTER LANDING AREA

1	Position	HRP: 363823N 0061947W.
2	Elevation	23 m/74 ft.
3	Dimensions, surface, maximum weight, marking	558 x 40 m. Asphalt. PCN 34/R/B/W/T
4	Direction	10-28.
5	Declared distances	INFO NO AVBL.
6	RWY 10H/28H lighting	• Approach: No. • PAPI: No. • Runway edge: Omnidirectional white. Distance between lights: INFO NO AVBL. • Threshold: Bidirectional green/red. • Runway centre line: No. • Adjustable intensity lights.
7	Remarks	Zone for exclusive use of the Armada and third nationalities; 7 spots (stands) on VFR runway for helicopters 10H/28H.

LERT AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

1	Designation	CTR ROTA.
2	Lateral limits	Circle radius 6.5 NM centred on ARP (1).
3	Vertical limits	SFC-1000 ft AGL.
4	Airspace class	D.
5	Unit Language	SEVILLA APP. ES/EN.

6	Transition altitude	6000 ft.
7	Hours of applicability	-
8	Remarks	(1) Delegation from SEVILLA ACC to ROTA TWR. (See ENR 2.2).

1	Designation	ATZ ROTA.
2	Lateral limits	Circle maximun variable radius 10 km centred on ARP (2).
3	Vertical limits	SFC-3000 ft HGT (3).
4	Airspace class	D.
5	Unit Language	ROTA TWR. ES/EN.
6	Transition altitude	6000 ft.
7	Hours of applicability	-
8	Remarks	(2) Or the ground visibility, whichever is lower. (3) Or up to the clouds ceiling, whichever is lower.

LERT AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service	Call sign	FREQ	HR	Remarks
APP	SEVILLA APP	120.800 MHz; 128.500 MHz; 264.700 MHz; 279.000 MHz	H24 H24	APP/L
TWR	ROTA TWR	119.750 MHz; 122.100 MHz; 139.300 MHz; 257.800 MHz; 344.225 MHz	H24 H24	TWR TWR
TWR	ROTA TWR	121.500 MHz; 243.000 MHz	H24	EMERG
TWR	ROTA HLP	122.225 MHz; 378.250 MHz	(1)	(1) V: MON-FRI EXC HOL: 0600-1230; I: MON-FRI EXC HOL: 0700-1330. O/T heliport controlled on ROTA TWR frequencies.
GND	ROTA GND	130.700 MHz; 317.500 MHz; 265.925 MHz	H24 H24	GMC PRI
ATIS	I	282.025 MHz	H24	
GCA	ROTA GCA	123.300 MHz; 134.100 MHz; 244.700 MHz; 356.050 MHz; 356.325 MHz; 369.225 MHz; 371.850 MHz	(2)	(2) V: MON-FRI EXC HOL: 0600-1230; I: MON-FRI EXC HOL: 0700-1330. O/T when visibility is less than 1.6 km and/or the cloud ceiling is less than 400 ft.

LERT AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Facility (VAR)	ID	FREQ	HR	Coordinates	DME ELEV	Remarks
TACAN (1°W)	AOG	CH 23X	H24	363852.3N 0062056.6W	34.76 m / 114 ft	
LOC 10 (1°W) ILS CAT I	IAOG	108.700 MHz	H24	363833.6N 0061924.4W	20.73 m / 68 ft	098° MAG / 501 m FM THR 28. ILS U/S due to maintenance every Thursday 0800-1200. Usable PPR 20 MIN.
GP 10		333.100 MHz	H24	363845.5N 0062159.2W	34.40 m / 113 ft	3°; RDH 15.2 m at 327 m FM THR 10 & 98 m FM RCL to the right on APCH direction.

Facility (VAR)	ID	FREQ	HR	Coordinates	DME ELEV	Remarks
RADAR DASR-11	ASR	See item 18	See item 23	363904.06N 0062057.06W	50.29 m / 165 ft	
RADAR PAR	PAR	See item 18	See item 23	363848.25N 0062112.66W	30.44 m / 100 ft	

LERT AD 2.20 LOCAL AERODROME REGULATIONS

Spain-USA joint use aerodrome. Military use only.

USA STATE AIRCRAFT

Mandatory to hold Diplomatic Authorisation from Spain-USA Permanent Committee (PRECOPE) and PPR request in accordance with the aeronautical information publications of the Department of Defense of the USA.

THIRD NATIONALITY STATE AIRCRAFT

Mandatory to hold Diplomatic Authorisation and PPR request at least 48 HR in advance. (1)

SPANISH CIVIL AIRCRAFT

Mandatory to hold authorisation from the Estado Mayor de la Armada and PPR request at least 48 HR in advance. (1)

Remarks: (1) The PPR request may be directed to the LERT Aeronautical Information Office.

- TEL: +34-956 827 497
- FAX: +34-956 827 047
- AFTN: LERT
- E-mail: oficina_aeronautica_rota@mde.es

LERT AD 2.21 NOISE ABATEMENT PROCEDURES

High-power tests shall be performed on request.

- HR V: 0500-2000.
- I: 0600-2100. Spots (stands) 40, 41 and 42.

LERT AD 2.22 FLIGHT PROCEDURES

22.1 LOW VISIBILITY PROCEDURES (LVP)

RWY 10 is equipped with ILS CAT I and, likewise, RWY 10/28 is authorised for low visibility take-offs (LVTO).

22.1.1 PHASES

- Preparation phase: When the visibility conditions have deteriorated noticeably, to 1000 m or less, the Preparation phase will be established. The ATC Service will inform the aircraft affected.
- Activation phase: Low visibility procedures (LVP) shall be applied when any of the following conditions is met:
 - When any transmissometer indicates an RVR of 600 m or less.
 - When the visibility is less than 600 m (in cases of transmissometer failure).
 - When the weather conditions are deteriorating rapidly and this is advisable.

The ATC Service will inform the aircraft affected by radiotelephone that the low visibility procedures are being applied. This information will be recorded in the ATIS system.

- Cancellation phase: The Low Visibility Procedures will be cancelled when the following conditions are met:
 - When all the transmissometers indicate RVR above 1000 m, or visibility above 1000 m (if the latter are out of service).
 - Clear and favourable improving trend in the weather conditions for a period of at least 10 minutes.

22.1.2 SURFACE MOVEMENTS

- a. As a general rule, while the Low Visibility Procedures (LVP) are in force, only one aircraft will be cleared to taxi at a time in the manoeuvring area.
- b. Pilots and/or drivers shall proceed to verify the situation of the aircraft at all times, ensuring that taxiing takes place under conditions of complete safety. In the event of disorientation or doubt they shall halt the aircraft/vehicle and notify the Control Tower immediately.
- c. Arrivals:
 - An aircraft that has landed, after reporting "RUNWAY VACATED," shall hold and await taxiing instructions.
 - On entering the parking apron, it shall await the presence of the "FOLLOW ME" vehicle for guidance to the assigned stand. It shall report "FOLLOW ME IN SIGHT" and "TAXIWAY VACATED" to TWR.
- 1. d. Departures:
 - Pilots shall request clearance for start-up or taxiing, reporting the spot (stand) and apron exit taxiway requested.
 - When the Low Visibility Procedures are in force, normally only one aircraft will be cleared to taxi in the manoeuvring area at a time.
 - In the event that an aircraft has to return to the apron, the pilot shall inform the tower and await new instructions.

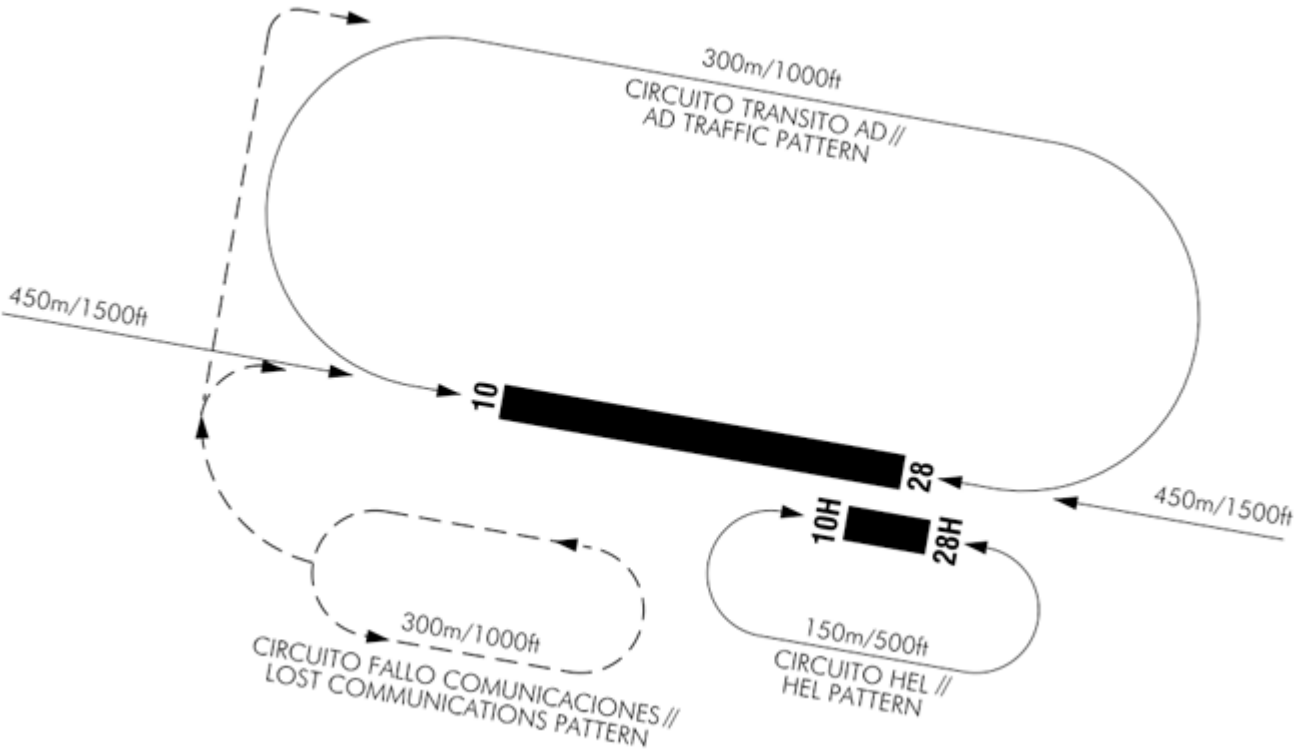
22.1.3 COMMUNICATIONS FAILURE

- a. In the case of a departing/arriving aircraft, this shall continue with the designated route up to the clearance limit, taking extreme care and not deviating from the route. Once there, it shall hold until the arrival of a "FOLLOW ME" vehicle.
- b. Vehicles with communications failure shall leave the zone not permitted immediately (taxiways, main runway, etc.) and await the arrival of a "FOLLOW ME" vehicle.

22.1.4 SAFETY

- a. If in doubt about the position in the manoeuvring area, the pilot must halt the aircraft and report this circumstance to the Tower, including the last known position.
- b. The "FOLLOW ME" vehicle shall be available for the guidance of aircraft both in arrivals and departures upon request by the commander.
- c. The movement of vehicles in the manoeuvring area shall be restricted to the minimum indispensable.
- d. Any incident which could affect the Low Visibility Procedures (LVP) shall be notified immediately to all the aircraft affected so they can take the appropriate measures.

22.2 AD TRAFFIC CIRCUIT



Remarks:

1. Break-up procedure authorised for tactical military jet aircraft only.
2. Jet aircraft entering break-up shall proceed from an initial point at 5 NM from AOG and 2500 ft, descending to 1500 ft over the threshold of the runway in service. Break-up shall be performed with the interval in sight or following the TWR instructions, levelled at 1500 ft and descending to the traffic height once established in the tailwind segment.

LERT AD 2.23 ADDITIONAL INFORMATION

23.1

Radar instrument approach minima

ROTA GCA (1) (7) ASR 344.0 134 1 (2) 259.0 (2)

	RWY	GP/TCH/RPI	CAT	DH/MDA – VIS	HAT/HAA	CEIL – VIS
PAR	10 (3)	3.0° / 55 / 986	A B C D E HPMA	264 – 1200 m	200	(200 – 1200 m)
	28 (4) (5)	2.75° / 128 / 2216	A B C D E HPMA	262 – 1200 m	200	(200 – 1200 m)
ASR	10		A B C D E HPMA	440 – 1600 m	369	(400 – 1600 m)
	28 (5)		A B C D E HPMA	380 – 1600 m	316	(400 – 1600 m)
CIR	10–28 (6)		A	520 – 1600 m	440	(500 – 1600 m)
			B	580 – 1600 m	500	(500 – 1600 m)
			C	680 – 2400 m	600	(600 – 2400 m)
			D	960 – 4400 m	880	(900 – 4400 m)
			E	1060 – 4800 m	980	(1000 – 4800 m)

	RWY	GP/TCH/RPI	CAT	DH/MDA – VIS	HAT/HAA	CEIL – VIS
			HPMA	640 – 2800 m	560	(600 – 2800 m)

Remarks

1. Maintenance of the PAR / ASR every Monday HR V: 0900-1300, I: 0800-1200 under VMC. If ASR is unserviceable, PAR is unavailable.

2. Back-up GCA.

3. PAR RPI and PAPI RPI are different.

4. Caution: PAR glide path and PAPI glide path are different.

5. First 2000 ft of RWY 28 have a rising slope of 0.97%.

6. Circuit south of RWY 10/28 not authorised.

7. GCA available. HR V: MON-FRI EXC HOL: 0600-1230; I: MON-FRI EXC HOL: 0700-1330. O/T when the visibility is less than 1.6 km and/or the cloud ceiling is less than 400 ft.

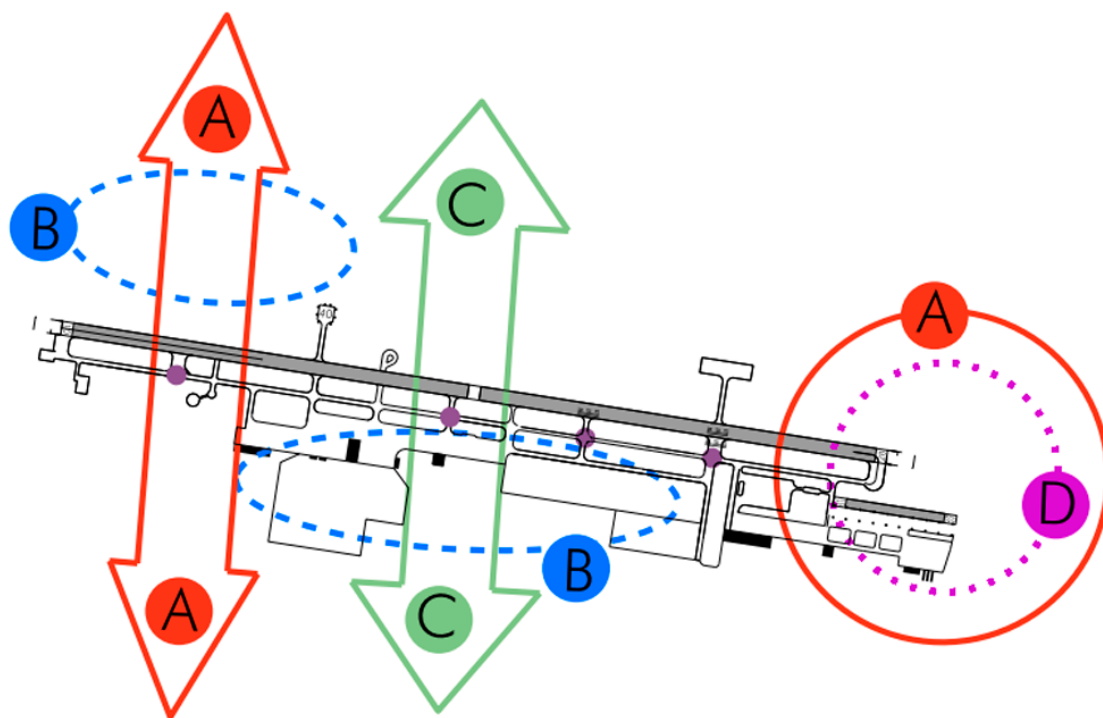
8. The activation schedule for Delegated Airspace (EAD) shall be H24, on request from ROTA TWR, coordinated in advance with SEVILLA ACC, communicated at least 5 minutes in advance, and during the period necessary for performing radar approach operations (PAR/ASR)

23.2 BIRDS CONCENTRATION AREA

Caution in landing and taking-off operations by RWY 10/28 due to birds concentration in the vicinity of the aerodrome.

BIRDS MOVEMENT

- A. Crossing of pigeons during the whole year (special intensity between May and September).
- B. Sporadic crossing of seagulls in stormy days.
- C. Crossing of egrets during the whole year.
- D. Crossing of grackles between November and December.



A. PALOMAS // PIGEONS
B. GAVIOTAS // SEAGULLS
C. GARCILLAS // EGRETS
D. ESTORNINOS // GRACKLES

LERT 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/#LERT>

LERT AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable.