

**AD 2. AERODROMES****HLGD AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

HLGD - SIRTE / Ghardabiya International

**HLGD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	<b>ARP coordinates and site at AD</b>	N310336.20 E0163530.51 (WGS-84)
2	<b>Direction and distance from city</b>	South 180° - 20 km from city
3	<b>Elevation/Reference temperature</b>	270 ft / 35°C
4	<b>Geoid undulation at AD ELEV PSN</b>	Nil
5	<b>MAG VAR/Annual change</b>	2°E (2012)
6	<b>AD Administration, address, telephone, telefax, AFS</b>	Civil Aviation Authority Ghardabiya International Airport P.O. Box 715 Sirt Tel: 00218-54-65455 00218-21-3617748 AFTN: HLDGZPZX
7	<b>Types of traffic permitted (IFR/VFR)</b>	IFR / VFR
8	<b>Remarks</b>	Nil

**HLGD AD 2.3 OPERATIONAL HOURS**

1	<b>AD Administration</b>	SAT-SUN 0600-1300
2	<b>Customs and immigration</b>	H24
3	<b>Health and sanitation</b>	H24
4	<b>AIS Briefing Office</b>	H24
5	<b>ATS Reporting Office (ARO)</b>	H24
6	<b>MET Briefing Office</b>	H24
7	<b>ATS</b>	H24
8	<b>Fuelling</b>	H24
9	<b>Handling</b>	H24
10	<b>Security</b>	H24
11	<b>De-icing</b>	Nil
12	<b>Remarks</b>	Nil

**HLGD AD 2.4 HANDLING SERVICES AND FACILITIES**

1	<b>Cargo handling facilities</b>	Nil
2	<b>Fuel/oil types</b>	Jet A1 - AvGas oil
3	<b>Fuelling facilities/capacity</b>	Fuel Trucks
4	<b>De-icing facilities</b>	Nil
5	<b>Hangar space for visiting aircraft</b>	Nil
6	<b>Repair facilities for visiting aircraft</b>	Nil
7	<b>Remarks</b>	Nil

**HLGD AD 2.5 PASSENGER FACILITIES**

1	<b>Hotels</b>	Avbl in city
2	<b>Restaurants</b>	Avbl in city
3	<b>Transportation</b>	Avbl
4	<b>Medical facilities</b>	By request
5	<b>Bank and Post Office</b>	In the city
6	<b>Tourist Office</b>	In the city
7	<b>Remarks</b>	Nil

#### HLGD AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Within AD HR CAT 8
2	Rescue equipment	Nil
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

#### HLGD AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Types of clearing equipment	Nil
2	Clearance priorities	Nil
3	Remarks	Nil

#### HLGD AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron surface and strength	Concrete 80 (PCN)
2	Taxiway width, surface and strength	17 m Asphalt BCN 60
3	Altimeter checkpoint location and elevation	Nil
4	VOR checkpoints	VOR Freq: 117.000 MHz
5	INS checkpoints	Nil
6	Remarks	VOR Coord: N310333 E0163553

#### HLGD AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Follow me / marshaller
2	RWY and TWY markings and LGT	Rwy: Designation, THR edge TWY: Edge LGT
3	Stop bars	Yes
4	Remarks	Nil

#### HLGD AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas			In circling area and at AD		Remarks
1			2		3
RWY NR. Area affected	Obstacle type Elevation Markings/LGT	Coord.	Obstacle type Elevation Markings/LGT	Coord.	
a	b	c	a	b	
Nil	Nil	Nil	Nil	Nil	Nil

## HLGD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	<b>Associated MET Office</b>	Nil
2	<b>Hours of service MET Office outside hours</b>	H24
3	<b>Office responsible for TAF preparation Periods of validity</b>	Nil
4	<b>Trend forecast Interval of issuance</b>	Nil
5	<b>Briefing/consultation provided</b>	Nil
6	<b>Flight documentation language(s) used</b>	English
7	<b>Charts and other information available for briefing or consultation</b>	Nil
8	<b>Supplementary equipment available for providing information</b>	AFTN
9	<b>ATS units provided with information</b>	Nil
10	<b>Additional information (limitation of service, etc.)</b>	Nil

## HLGD AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY and SWY	THR coord. RWY end coord. THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
18	180°	3600 x 45	Concrete LCN 100	N310433.78 E0163537.74	THR 258 ft
36	360°			N310236.84 E0163539.36	THR 270 ft
Designations RWY NR	Slope of RWY - SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ
1	7	8	9	10	11
18/36	0%	300 x 45	300 x 45	Nil	Nil
Designations RWY NR	Remarks				
1	12				
18/36	Nil				

## HLGD AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
18/36	3600	3900	3900	3600	Nil

#### HLGD AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT Type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN	RWY CL LGT LEN spacing colour INTST	RWY Edge LGT LEN spacing colour INTST	RWY End LGT colour WBAR	SWY LGT LEN colour	Remarks
1	2	3	4	5	6	7	8	9	10
18	ALS LIH Red	RTHL Green	PAPI-L	Yes	Nil	REDL LIH White	LIH	Nil	Nil
36			PAPI-L 3.00°						

#### HLGD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	Nil
3	TWY edge and centre line lighting	Only edges
4	Secondary power supply/ Switch-over time	Secondary power supply to all lighting at AD. Switch-over time: 1 Sec
5	Remarks	Nil

#### HLGD AD 2.16 HELICOPTER LANDING AREA

Nil

#### HLGD AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Nil
2	Vertical limits	Nil
3	Airspace classification	Nil
4	ATS unit call sign language(s)	Nil
5	Transition altitude/Transition level	5000 ft / FL70
6	Remarks	Nil

#### HLGD AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Ghardabiya Tower	128.600 MHz	H24	Nil
APP	Ghardabiya Approach	128.600 MHz	H24	Nil
GND	Ghardabiya Ground	121.900 MHz	H24	Nil

**HLGD AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

Type of aid, MAG VAR CAT of ILS/MLS (For VOR/ILS/MLS, give declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR/DME 2°E	SRT	117.000 MHz CH 117X	H24	N310332.58 E0163552.80	267 ft	Nil
NDB	SRT	407 KHz	H24	N310341.94 E0163512.42	Nil	Nil
<b>ILS RWY 36</b>						
LOC 2°E	I-SIT	109.900 MHz	HO	N310443.86 E0163537.62	Nil	Nil
GP	I-SIT	333.800 MHz	HO	N310246.32 E0163535.52	Nil	Glideslope 3°

**HLGD AD 2.20 LOCAL TRAFFIC REGULATIONS**

- |   |   |
|---|---|
| <b>20.1 Airport regulations</b>   | <b>20.4 Parking area for helicopters</b>  |
| General:  | As directed by ATC.   |
| Aerodrome restricted to aircraft capable of maintaining two-way radio communications with ATC.  | <b>20.5 Apron - taxiing during winter conditions</b>  |
|   | Not applicable.   |
| <b>20.2 Taxiing to and from stands</b>  | <b>20.6 Taxiing-limitations</b>   |
| a) Arriving flights will be allocated a stand number by the ground controller and assistance from "FOLLOW ME" vehicle can be requested via the ground controller. | Nil.  |
| b) Departing IFR flights shall contact the TWR to obtain ATC clearance before commencing taxiing.   | <b>20.7 School and training flights - technical test flights - use of runways</b>   |
|   | Nil.  |
| <b>20.3 Parking area for small aircraft<br/>(General aviation)</b>  | <b>20.8 Helicopter traffic - limitation</b>   |
| General aviation aircraft shall not be guided by marshallers to the parking area for small aircraft.  | Nil.  |
|   | <b>20.9 Removal of disabled aircraft from runways</b>   |
|   | When an aircraft is wrecked on a runway, it is the duty of the owner or user of such aircraft to have it removed as soon as possible. If a wrecked aircraft is not removed from the runway as quickly as possible by the owner or user, the aircraft will be removed by the aerodrome authority at the owner's or user's expense. |

**HLGD AD 2.21 NOISE ABATEMENT PROCEDURES**

Non Noise Certificated subsonic airplane (NNC) operations restricted daily between sunset/sunrise.

## HLGD AD 2.22 FLIGHT PROCEDURES

### 22.1 Communication failure

In the event of communication failure the pilot shall act in accordance with the communication failure procedures in ANNEX 2. For the TRIPOLI FIR, information concerning the associated navigation aids and the routing is given on page ENR 1.6-2.

### 22.2 Procedures for VFR flights within SIRTE TMA

Provided traffic conditions so permit ATC clearance for VFR flights will be given under the conditions described below:

- a) A flight plan requesting ATC clearance, containing items 7 to 18 and indicating the purpose of the flight, shall be submitted.
- b) ATC clearance shall be obtained immediately before the aircraft enters the area concerned.
- c) Position reports shall be submitted in accordance with 3.6.3 of ANNEX 2.
- d) Deviation from the ATC clearance may only be made when prior permission has been obtained.

- e) The flight shall be conducted with vertical visual reference to the ground unless the flight can be conducted in accordance with the Instrument Flight Rules.
- f) Two-way radio communication shall be maintained on the frequency prescribed. Information about the appropriate frequency can be obtained from Tripoli Information.
- g) The pilot-in-command shall be the holder of an International VHF licence.

### 22.3 Procedures for VFR flights within SIRTE CTR

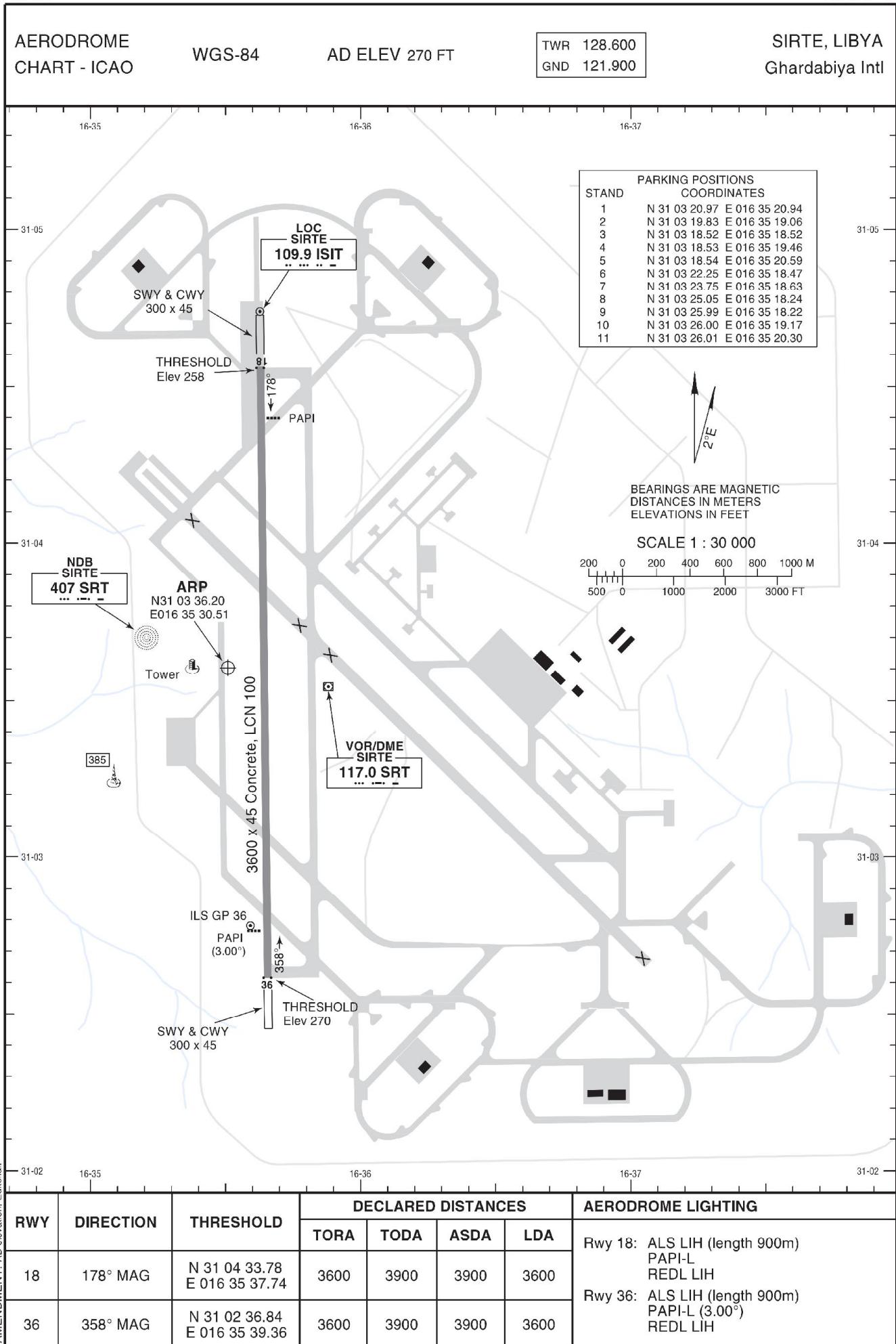
- a) Flight plan shall be filed for the flight concerned.
- b) ATC clearance shall be obtained from the Control Tower.
- c) Deviation from ATC clearance may only be made when prior permission has been obtained.
- d) The flight shall be conducted with vertical visual reference to the ground.
- e) Two-way radio communication shall be established on the frequency prescribed before flight takes place in the control zone.

## HLGD AD 2.23 ADDITIONAL INFORMATION

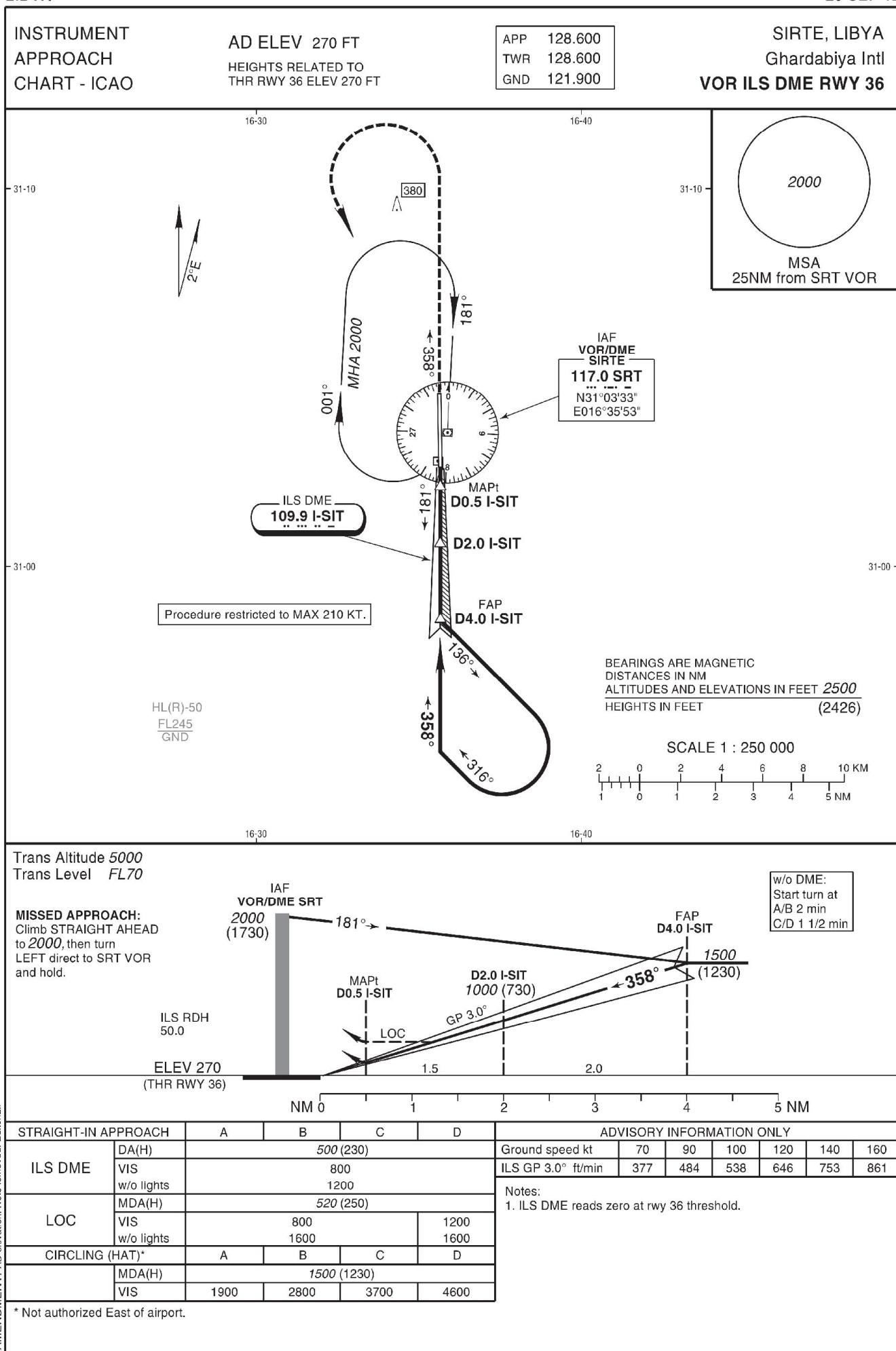
Nil

## HLGD AD 2.24 CHARTS RELATED TO THE AERODROME

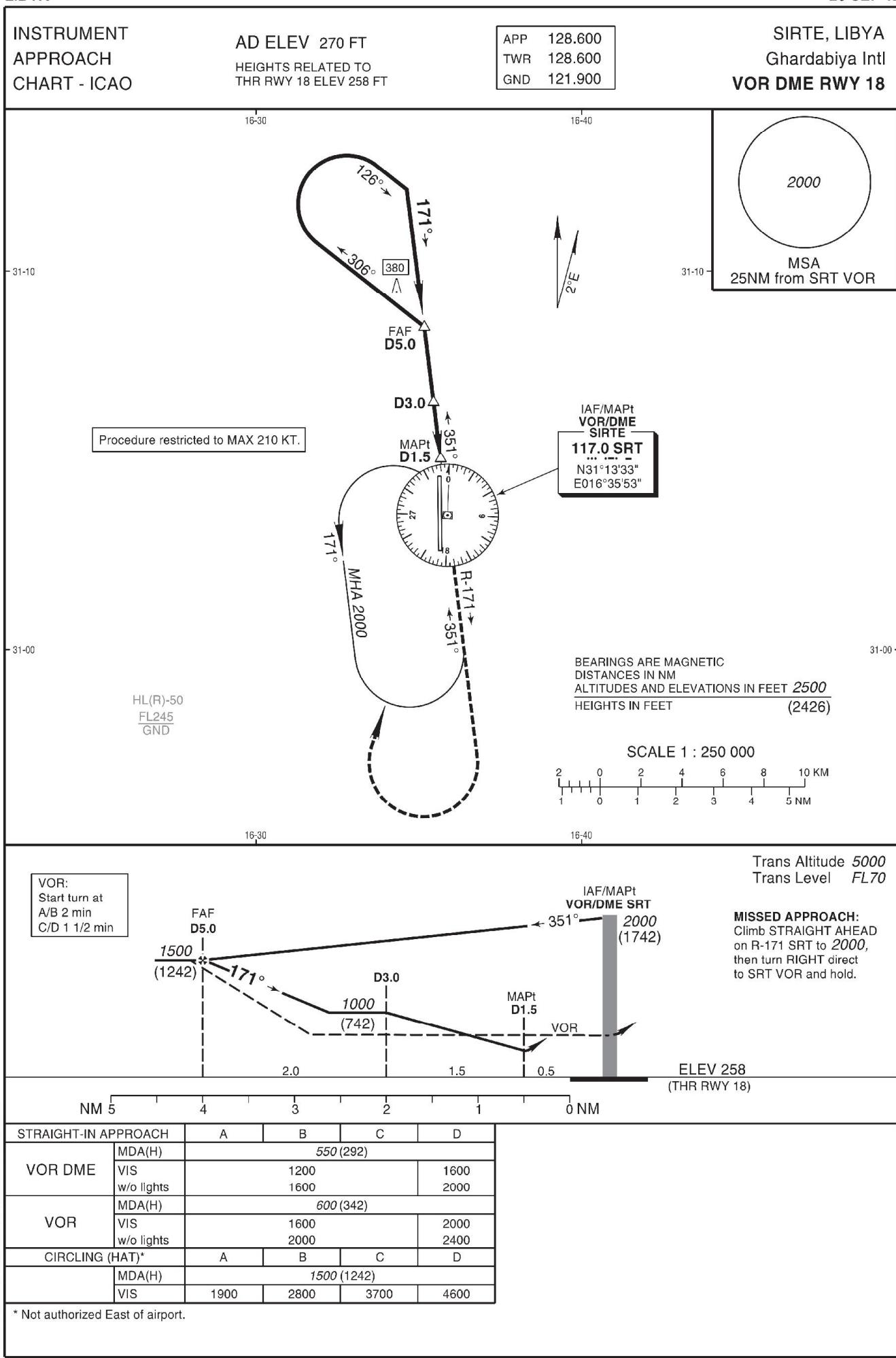
AERODROME CHART - ICAO	AD 2 HLGD-7
INSTRUMENT APPROACH CHART - ICAO - VOR ILS DME RWY 36	AD 2 HLGD-9
INSTRUMENT APPROACH CHART - ICAO - VOR DME RWY 18	AD 2 HLGD-11
INSTRUMENT APPROACH CHART - ICAO - VOR DME RWY 36	AD 2 HLGD-13



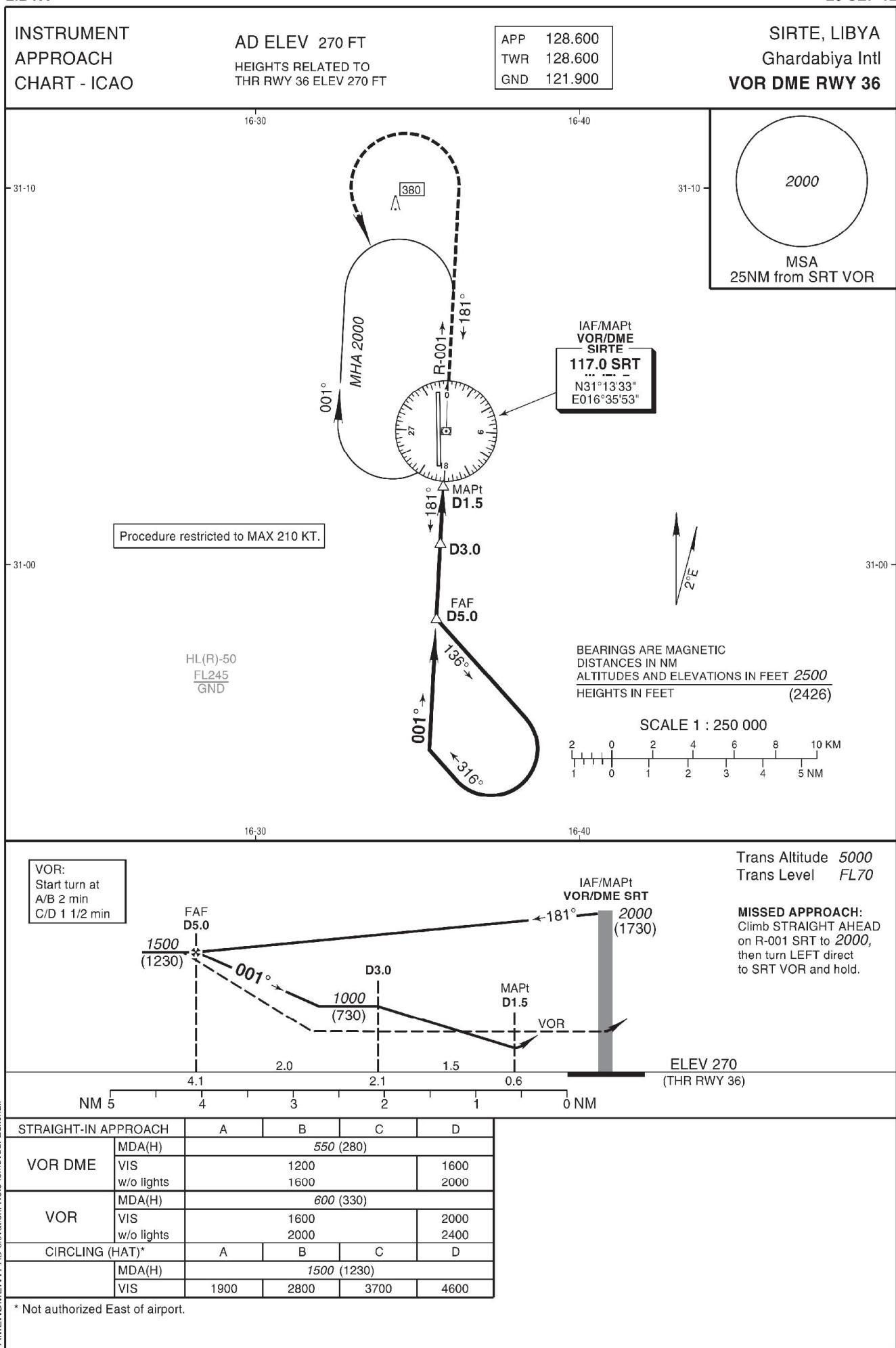
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