

HLLT AD 2.1 AERODROME LOCATION INDICATOR AND NAME**HLLT - TRIPOLI / Tripoli International****HLLT AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	N323948.92 E0130932.98 (WGS 84)
2	Direction and distance from city	30 km south of Tripoli
3	Elevation/Reference temperature	263 ft / 35°C
4	Geoid undulation at AD ELEV PSN	Nil
5	MAG VAR/Annual change	2.0° E (2012)
6	AD Administration, address, telephone, telefax, AFS	Director of airport Tripoli International Airport Tripoli - Libya Tel: 00218-21-3609696, 3609777 Fax: 00218-21-3609696 AFS: HLLTYDYX
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	Nil

HLLT AD 2.3 OPERATIONAL HOURS

1	AD Administration	8 HR daily
2	Customs and immigration	H24
3	Health and sanitation	H24
4	AIS Briefing Office	H24
5	ATS Reporting Office (ARO)	H24
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	H24
9	Handling	H24
10	Security	H24
11	De-icing	Nil
12	Remarks	Nil

HLLT AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Cranes - Heavy fork lifts - Roller pallet lifts - Conveyor belt High loader
2	Fuel/oil types	Jet A1 - AvGas 100
3	Fuelling facilities/capacity	Refuelling Bits, 3 main tanks 24.5 ltr/min 109 vehicles to connect bits with acft 15
4	De-icing facilities	Not available
5	Hangar space for visiting aircraft	Limited hangar space available for visiting acft
6	Repair facilities for visiting aircraft	Limited
7	Remarks	Handling services available within AD HR

HLLT AD 2.5 PASSENGER FACILITIES

1	Hotels	Nil at airport - avbl in Tripoli city
2	Restaurants	2 restaurants at terminal building
3	Transportation	Private taxi
4	Medical facilities	One ambulance - First aid only Full facility hospitals in Tripoli
5	Bank and Post Office	One post office / four bank open within AD HR
6	Tourist Office	Available
7	Remarks	Nil

HLLT AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Within AD HR CAT 9
2	Rescue equipment	Nil
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

HLLT AD 2.7 SEASONAL AVAILABILITY - CLEARING

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

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

1	Apron surface and strength	Asphalt/Concrete, PCN 100 (Old Area PCN 45)
2	Taxiway width, surface and strength	23 m, Asphalt/Concrete, PCN 100
3	Altimeter checkpoint location and elevation	Nil
4	VOR checkpoints	Nil
5	INS checkpoints	Nil
6	Remarks	Following TWY's are closed: TWY K - between TWY S and cargo area TWY R - between TWY S and cargo area TWY C TWY Y Traffic from/to cargo area use TWY M, N and closed RWY 18/36

HLLT AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs TWY guidelines and visual docking/parking guidance system of aircraft stands	For stand coordinates refer to Aircraft Parking/Docking Chart (AD 2 HLLT-11) Available
2	RWY and TWY markings and LGT	Available
3	Stop bars	Under installation
4	Remarks	Installing of new lighting system is under progress

HLLT 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 MSL Markings/LGT	Coord. (Dist from THR)	Obstacle type Elevation Markings/LGT	Coord.	
a	b	c	a	b	
Nil	Nil	Nil	Obstacle 366 ft	N324118 E0131032	Nil
Nil	Nil	Nil	Mast 920 ft	N325000 E0130400	Nil
Nil	Nil	Nil	Mast 364 ft	N324446 E0130724	Nil
Nil	Nil	Nil	Mast 369 ft	N323901 E0130636	Nil
Nil	Nil	Nil	Crane 687 ft	N324011 E0130858	Nil
Nil	Nil	Nil	Crane 660 ft	N324014 E0130859	Nil
Nil	Nil	Nil	Crane 672 ft	N324011 E0130855	Nil
Nil	Nil	Nil	Crane 707 ft	N324013 E0130856	Nil
Nil	Nil	Nil	Crane 688 ft	N324016 E0130856	Nil
Nil	Nil	Nil	Crane 689 ft	N324013 E0130852	Nil
Nil	Nil	Nil	Crane 662 ft	N324015 E0130853	Nil
Nil	Nil	Nil	Crane 811 ft	N324003 E0130919	Nil
Nil	Nil	Nil	Crane 485 ft	N324010 E0130819	Nil
Nil	Nil	Nil	Crane 509 ft	N324013 E0130819	Nil
Nil	Nil	Nil	Crane 509 ft	N324010 E0130823	Nil
Nil	Nil	Nil	Crane 523 ft	N324012 E0130822	Nil
Nil	Nil	Nil	Crane 482 ft	N324015 E0130821	Nil
Nil	Nil	Nil	Crane 482 ft	N324012 E0130825	Nil
Nil	Nil	Nil	Crane 509 ft	N324014 E0130824	Nil
Nil	Nil	Nil	Crane 525 ft	N324002 E0130805	Nil
Nil	Nil	Nil	Crane 525 ft	N324011 E0130815	Nil
Nil	Nil	Nil	Crane 525 ft	N324007 E0130820	Nil
Nil	Nil	Nil	Crane 525 ft	N323958 E0130810	Nil

HLLT AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Tripoli
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	Tripoli
4	Trend forecast Interval of issuance	METAR, TAF
5	Briefing/consultation provided	Personal
6	Flight documentation language(s) used	English
7	Charts and other information available for briefing or consultation	SIG WX charts
8	Supplementary equipment available for providing information	Tel: 00218-21-4440106 AFS: HLLTYMYX
9	ATS units provided with information	Tripoli TWR / APP / ACC
10	Additional information (limitation of service, etc.)	Nil

HLLT 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
09	089°	3600 x 45	PCN 100 Asphalt/Concrete Lean Concrete	N323947.30 E0130744.17	THR 262 ft TDZ 264 ft
27	269°			N323949.35 E0131002.34	THR 263 ft TDZ 264.9 ft
18	177°	2524 x 45	PCN 75 Asphalt Earth	N324047.50 E0130929.49	THR 241 ft TDZ 241.5 ft
36	357°			N323925.68 E0130934.36	THR 267 ft TDZ 267.4 ft
Designations RWY NR	Slope of RWY - SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ
1	7	8	9	10	11
09	2 %	60 x 60	60 x 60	3840 x 300	Nil
27	- 2 %	60 x 60	60 x 60		Nil
18	Nil	25 x 45	25 x 45	2524 x 150	Nil
36	Nil	29 x 45	29 x 45		Nil
Designations RWY NR	Remarks				
1			12		
09/27			Nil		
18/36			Rwy closed		

HLLT AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
09	3600	3660	3660	3600	Nil
27	3600	3660	3660	3600	Nil
18	2524	2549	2549	2524	Nil
36	2524	2553	2553	2524	Nil

HLLT 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
09	ALS LIH white Calvert CAT I	LIH Green	PAPI 3.00°	Nil	White LIH	White LIH last 600m yellow	Red	Nil	Nil
27	ALS LIH white Calvert CAT II			LIH white					
18	ALS LIH white Calvert CAT II	Yes	PAPI 3.00°	Nil	Nil	White LIH	Yes	Nil	Nil
36	ALS LIH white Calvert CAT I								

HLLT AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operations	On top of control tower, flashing green/white (night time)
2	LDI location and LGT Anemometer location and LGT	09/27 THR, signal lamp
3	TWY edge and centreline lighting	Centreline: A, B, D, E, L, S Edge: partly
4	Secondary power supply/ Switch-over time	Available 3 seconds
5	Remarks	Stop bars: partly Rapid exit: F, G, H, J, S

HLLT AD 2.16 HELICOPTER LANDING AREA

To be developed.

HLLT AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	TRIPOLI CTR A circle with radius of 8NM centered at Tripoli VOR/DME TPI N323940 E0130919
2	Vertical limits	SFC to 2000 MSL
3	Airspace classification	C
4	ATS unit call sign language(s)	Tripoli TWR English
5	Transition altitude/Transition level	5000 / FL70
6	Remarks	Nil

HLLT AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
ACC/RSR	Tripoli Control	120.900 MHz	H24	Primary
		128.400 MHz	H24	Secondary
APP/RSR	Tripoli Approach	124.000 MHz	H24	Nil
TWR	Tripoli Tower	120.100 MHz	H24	Primary
		118.100 MHz	H24	Secondary
GND	Tripoli Ground	120.100 MHz	H24	Nil
ATIS		127.000 MHz	H24	Nil

HLLT 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
Tripoli VOR/DME 2°E	TPI	114.500 MHz	H24	N323940.00 E0130918.80	263 ft	Nil
Gazala LO	PE	390 KHz	H24	N323954 E0131451	Nil	Nil
Tripoli LM	G	365 KHz	H24	N323949 E0131042	Nil	Nil
Tripoli L	D	435 KHz	H24	N323947 E0130704	Nil	Nil
Ghararah L	TW	301 KHz	H24	N323944 E0130306	Nil	Nil
ILS RWY 27 CAT II						
LOC 2°E	I-IWT	109.500 MHz CH 32X	H24	N323947.08 E0130730.39	263 ft	Nil
GP		332.600 MHz	H24	N323944.29 E0130949.77	263 ft	Glideslope 3°

HLLT AD 2.20 LOCAL TRAFFIC REGULATIONS

20.1 Airport regulation

General:

Aerodrome restricted to aircraft capable of maintaining two-way radio communications with ATC.

20.2 Taxiing to and from stands

- a) Arriving flights will be allocated stand number by the ground controller and assistance from "FOLLOW ME" vehicle can be requested via the ground controller.
- b) Departing IFR flights shall contact the TWR to obtain ATC clearance before commencing taxiing.

20.3 Parking area for small aircraft (General aviation)

General aviation aircraft shall not be guided by marshallers to the parking area for small aircraft.

20.4 Parking area for helicopters

As directed by ATC.

20.5 Apron - taxiing during winter conditions

Not applicable.

20.6 Taxiing-limitations

Nil.

20.7 School and training flights - technical test flights - use of runways

Nil.

20.8 Helicopter traffic - limitation

Nil.

20.9 Removal of disabled aircraft from runways

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 run-

way 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.

HLLT AD 2.21 NOISE ABATEMENT PROCEDURES

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

HLLT AD 2.22 FLIGHT PROCEDURES**22.1 General**

Unless special permission has been obtained from Tripoli Approach or Tripoli Tower as appropriate, flight within Tripoli TMA and Tripoli CTR shall be in accordance with the Instrument Flight Rules.

22.2 Procedures for IFR flights within Tripoli TMA

The inbound transit and outbound routes shown on the charts may be varied at the discretion of ATS if necessary, in case of congestion, inbound aircraft may also be instructed to hold at one of the designated airways, reporting points.

22.3 Radar procedures within Tripoli TMA*Radar vectoring and sequencing*

Normally aircraft will be vectored and sequenced from all reporting points to the appropriate final approach track (ILS, VOR/DME, VISUAL), so as to ensure an expeditious flow of traffic. Radar vectors and flight levels/altitudes will be issued, as required, for spacing and separating the aircraft, so that correct landing intervals are maintained, taking into account aircraft characteristics.

Radar vectoring charts are not published since the instrument approach procedures and altitudes ensure that adequate terrain clearance exists at all times until the point where the pilot will resume navigation on final approach or in the circuit.

22.4 Surveillance radar approaches

Surveillance radar approaches will be carried out for Tripoli runways 09/27 and Mitiga runways 11/29. Surveillance radar final approaches will be terminated at 10 NM from touchdown.

22.5 Precision radar approach

Nil.

22.6 Communication failure

In the event of communication failure the pilot shall act in accordance with the communication failure procedures in ANNEX 2.

22.7 Procedures for VFR flights within Tripoli 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.
- h) VFR traffic flying at or above 5500 ft shall be equipped with SSR transponder with 4069 codes in Mode A/3. Flights performed in connection with parachute jumps shall, in addition, be equipped with Mode C with automatic transmission of pressure altitude information (cf. ANNEX 10, Volume I). Exemption from this requirement may be granted by Tripoli Control.

22.8 In IMC ICAO procedures, supplemented as follows:*Departing aircraft*

A departing controlled IFR flight operating in instrument meteorological conditions having acknowledged an initial or intermediate clearance to climb to a level other than the one specified in the current flight plan for the en-route phase of the flight. Experiencing two-way radio communication failure should, if no time limit or geographical limit was included, in the climb clearance maintain for a period of three minutes the level to which it was cleared and then continue its flight in accordance with the current flight plan.

Inbound clearance received and acknowledged

- a) If cruising FL150 or above proceed to Tripoli high holding and commence descend to FL140 at, or as close as possible to the ETA, continue to outer locator holding of runway-in-use or (if not known) to PE/L, holding, descend to the lowest altitude for the holding and commence instrument approach procedure.
- b) If cruising FL140 or below proceed to outer locator holding of runway-in-use or (if not known) to PE/L, holding and commence descend to the lowest altitude or as close as possible to the ETA and commence instrument approach procedure.

Procedures for VFR flights within Tripoli 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.

Communication Failure

- a) If inside CTR - join the traffic circuit at altitude 1000 ft or below and stand-by for light signals from the TWR.
- b) If outside CTR - descend to below TMA. Under VMC, enter CTR from the north or the south at 1000 ft or below, join the traffic circuit and stand-by for light signals from the TWR.

HLLT AD 2.23 ADDITIONAL INFORMATION

Nil

HLLT AD 2.24 CHARTS RELATED TO THE AERODROME

AERODROME CHART - ICAO	AD 2 HLLT-9
AIRCRAFT PARKING/DOCKING CHART - ICAO	AD 2 HLLT-11
AIRCRAFT PARKING/DOCKING GUIDANCE SYSTEM CHART	AD 2 HLLT-13
AERODROME OBSTACLE CHART - ICAO - TYPE A	AD 2 HLLT-15
STANDARD DEPARTURE CHART INSTRUMENT - ICAO - RWY 09 (DEP C)	AD 2 HLLT-17
STANDARD DEPARTURE CHART INSTRUMENT - ICAO - RWY 09 (DEP D)	AD 2 HLLT-19
STANDARD DEPARTURE CHART INSTRUMENT - ICAO - RWY 27 (DEP G)	AD 2 HLLT-21
STANDARD DEPARTURE CHART INSTRUMENT - ICAO - RWY 27 (DEP H)	AD 2 HLLT-23
STANDARD ARRIVAL CHART INSTRUMENT - ICAO - RWY 09 (ARR A)	AD 2 HLLT-25
STANDARD ARRIVAL CHART INSTRUMENT - ICAO - RWY 09 (ARR B)	AD 2 HLLT-27
STANDARD ARRIVAL CHART INSTRUMENT - ICAO - RWY 27 (ARR E)	AD 2 HLLT-29
STANDARD ARRIVAL CHART INSTRUMENT - ICAO - RWY 27 (ARR F)	AD 2 HLLT-31
INSTRUMENT APPROACH CHART - ICAO - ILS DME RWY 27	AD 2 HLLT-33
INSTRUMENT APPROACH CHART - ICAO - VOR DME RWY 09	AD 2 HLLT-35
INSTRUMENT APPROACH CHART - ICAO - VOR DME RWY 27	AD 2 HLLT-37
INSTRUMENT APPROACH CHART - ICAO - Locator RWY 09	AD 2 HLLT-39
INSTRUMENT APPROACH CHART - ICAO - Locator RWY 27	AD 2 HLLT-41
VISUAL APPROACH CHART - ICAO	AD 2 HLLT-43

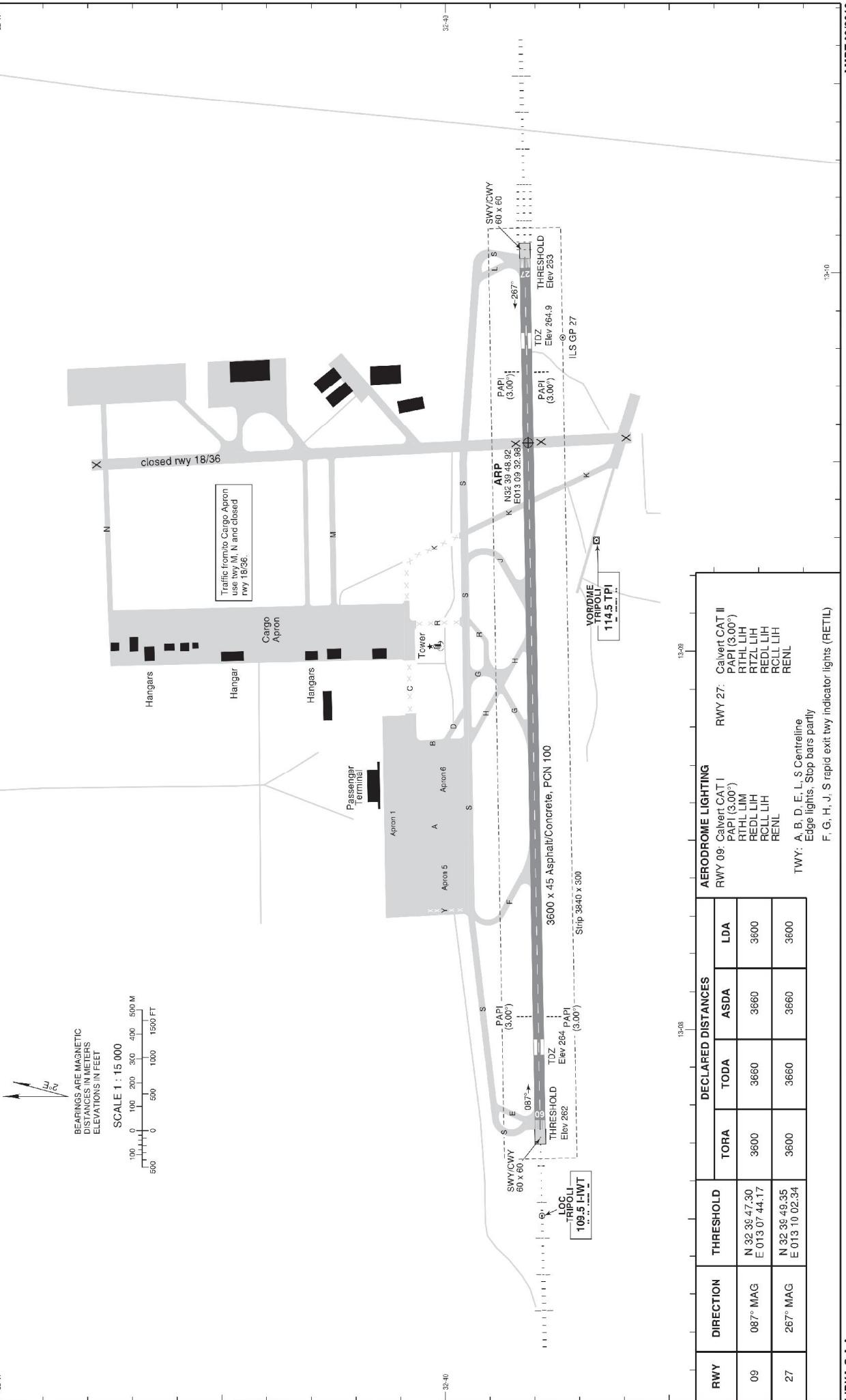
AERODROME
CHART - ICAO

WGS-84 AD ELEV 263 FT

TWR 120.100
GND 120.100
ATIS 127.000

BEARINGS ARE MAGNETIC
DISTANCES IN METERS
ELEVATIONS IN FEET

SCALE 1:15 000
0 100 200 300 400 500 M
0 500 1000 1500 FT



RWY	DIRECTION	THRESHOLD	DECLARED DISTANCES				AERODROME LIGHTING
			TORA	TOBA	ASDA	LDA	
09	087° MAG	N 32 39' 47.30" E 013 07' 44.17"	3600	3660	3660	3600	RWY 09: Calvert CAT II PAPI (3.00°), RTHL LIH, RTZL LIH, RDL LIH, RCLL LIH, RENL.
27	267° MAG	N 32 39' 49.35" E 013 10' 02.94"	3600	3660	3660	3600	TWY: A, B, D, E, L, S Centreline Edge lights, Stop bars partly F, G, H, J, S rapid exit two indicator lights (RETL).

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AIRCRAFT PARKING/
DOCKING
CHART - ICAO

WGS-84

AD ELEV 263 FT

TWR	120.100
GND	120.100
ATIS	127.000

TRIPOLI, LIBYA
Tripoli Intl

AMENDMENT: New edition.

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ACFT PARKING/DOCKING
GUIDANCE SYSTEM CHART

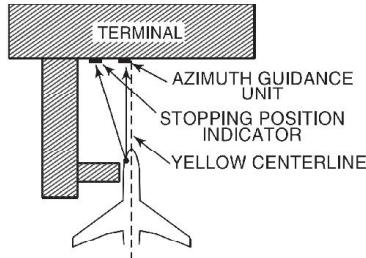
TWR	120.100
GND	120.100
ATIS	127.000

TRIPOLI, LIBYA
Tripoli Intl**NOSE-IN PARKING GUIDANCE SYSTEM****GENERAL**

Nose-in parking acft have to use towing truck when leaving parking position.

The visual docking guidance system for nose-in parking positions 2-8 consists of the following elements:

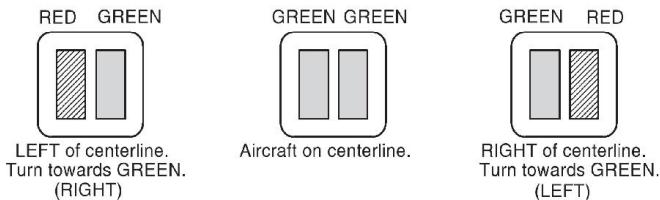
1. AZIMUTH GUIDANCE UNIT
2. YELLOW CENTERLINE
3. STOPPING POSITION INDICATOR



CAUTION
The system is aligned with the LEFT hand pilot's seat only. In case of system failure, nose-in positioning will be guided by marshaller.

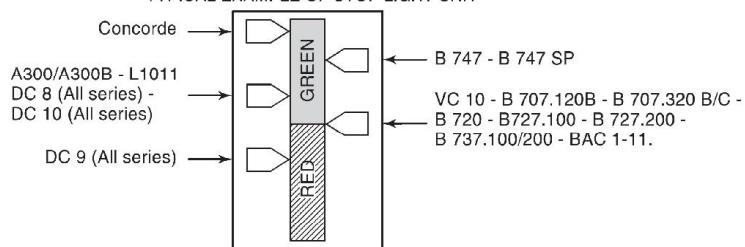
AZIMUTH GUIDANCE UNIT

Approach the parking position along the yellow centerline so that both vertical slots of the Azimuth Guidance Unit show GREEN. Adjustments to the left or right are always to be made towards the GREEN.

**STOPPING POSITION INDICATOR**

The aircraft is stopped at the correct position by means of the light unit. As the aircraft moves along the centerline towards the Terminal Building, the pilot will perceive a vertically illuminated bar on the stop fitting which comprises of a red and a green section. The intersection of the red and green section will appear to move along the vertically illuminated bar. When this intersection corresponds to illuminated reference mark associated with the aircraft, the aircraft has reached the correct stopping position.

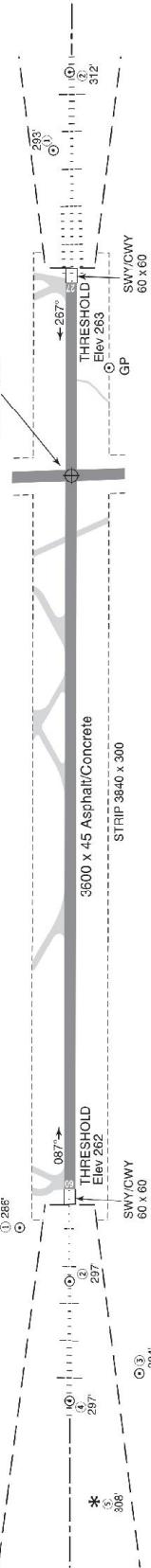
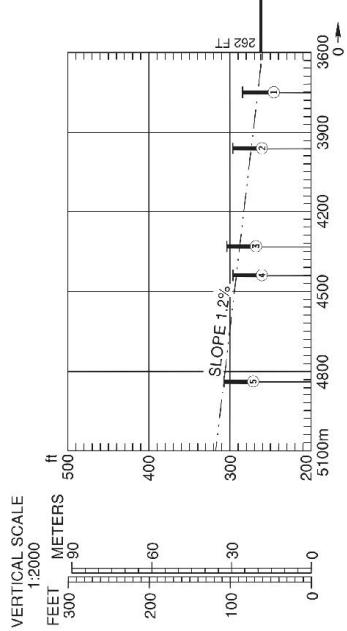
CAUTION
Be sure to select the correct vertical reference mark corresponding to your type of aircraft. Marker Unit layouts are different for the various nose-in parking positions.

TYPICAL EXAMPLE OF STOP LIGHT UNIT

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AERODROME OBSTACLE CHART-T-ICAO TYPE A (OPERATING LIMITATIONS)

DISTANCES IN METERS, ELEVATIONS IN FEET
MAGNETIC VARIATION 2° E. 2012



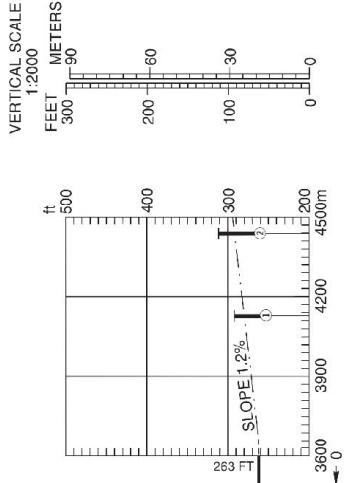
RWY 09-27

DECLARED DISTANCES		RWY 27
RWY 09		3600
3600	TAKE-OFF RUN AVAILABLE	3600
3660	TAKE-OFF DISTANCE AVAILABLE	3660
3660	ACCELERATE STOP DISTANCE AVAILABLE	3660
3600	LANDING DISTANCE AVAILABLE	3600

DECLARED DISTANCES

RWY 09	RWY 27
3600	TAKE-OFF RUN AVAILABLE
3660	TAKE-OFF DISTANCE AVAILABLE
3660	ACCELERATE STOP DISTANCE AVAILABLE
3600	LANDING DISTANCE AVAILABLE

RWY 09	RWY 27
3600	TAKE-OFF RUN AVAILABLE
3660	TAKE-OFF DISTANCE AVAILABLE
3660	ACCELERATE STOP DISTANCE AVAILABLE
3600	LANDING DISTANCE AVAILABLE

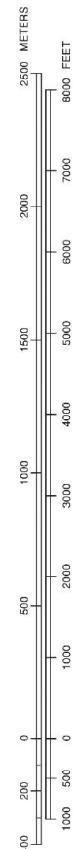


VERTICAL SCALE

Entered by _____

IDENTIFICATION NUMBER	(1)
GROUND LEVEL	▲
POLE, TOWER, SPIRE, ANTENNA, ETC.	◎
TREE	*
MOBILE	=○

HORIZONTAL SCALE 1 : 20 000



HORIZONTAL SCALE 1 : 20 000

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IDENTIFICATION NUMBER	(1)
GROUND LEVEL	▲
POLE, TOWER, SPIRE, ANTENNA, ETC.	◎
TREE	*
MOBILE	=○=

LIBYA C.A.A

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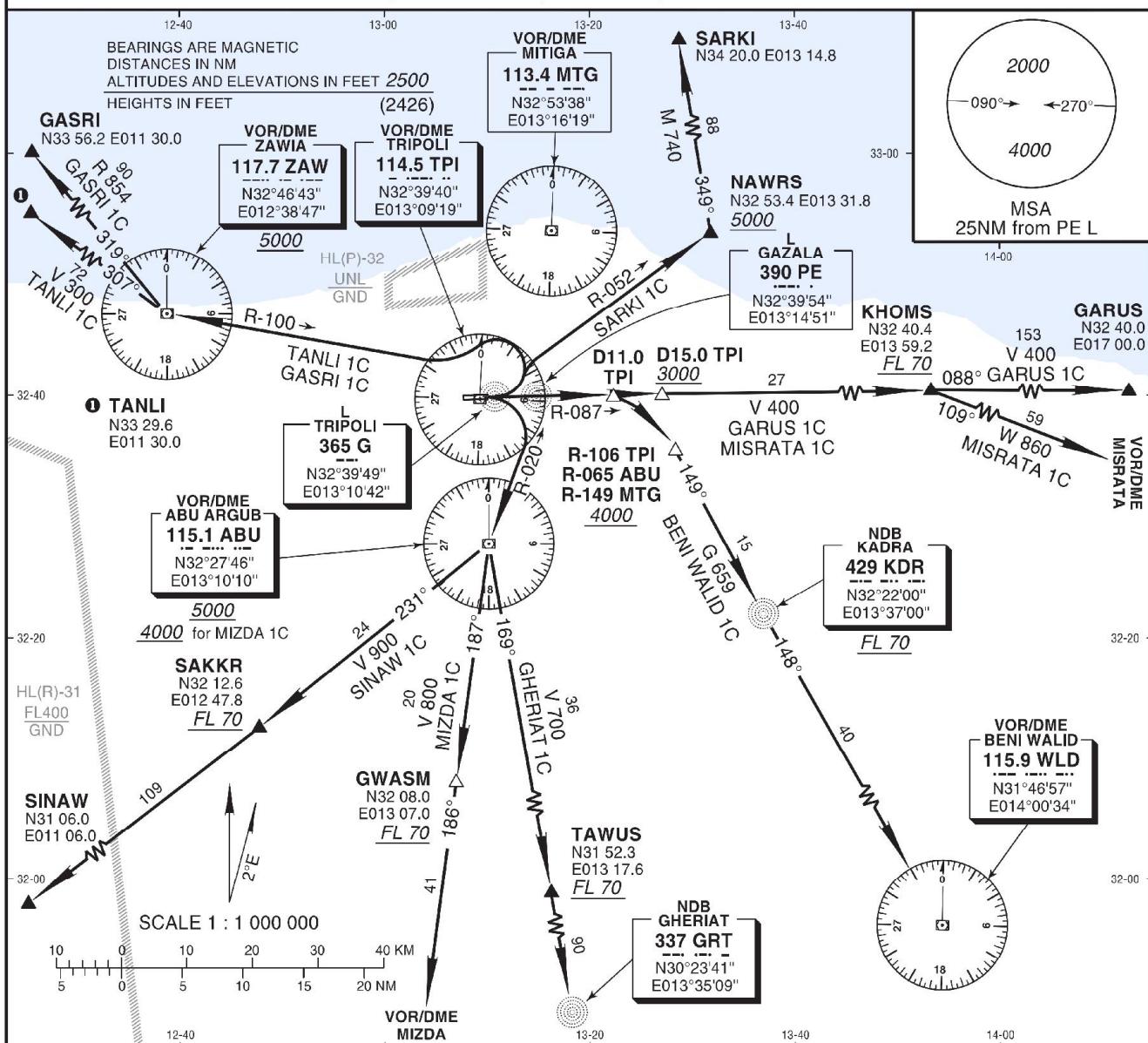
**STANDARD DEPARTURE
CHART INSTRUMENT
(SID) - ICAO**

AD ELEV 263 FT
Trans Alt 5000
Trans Level EL 70

TWR 120.100
GND 120.100
ATIS 127.000

TRIPOLI, LIBYA
Tripoli Intl
RWY 09

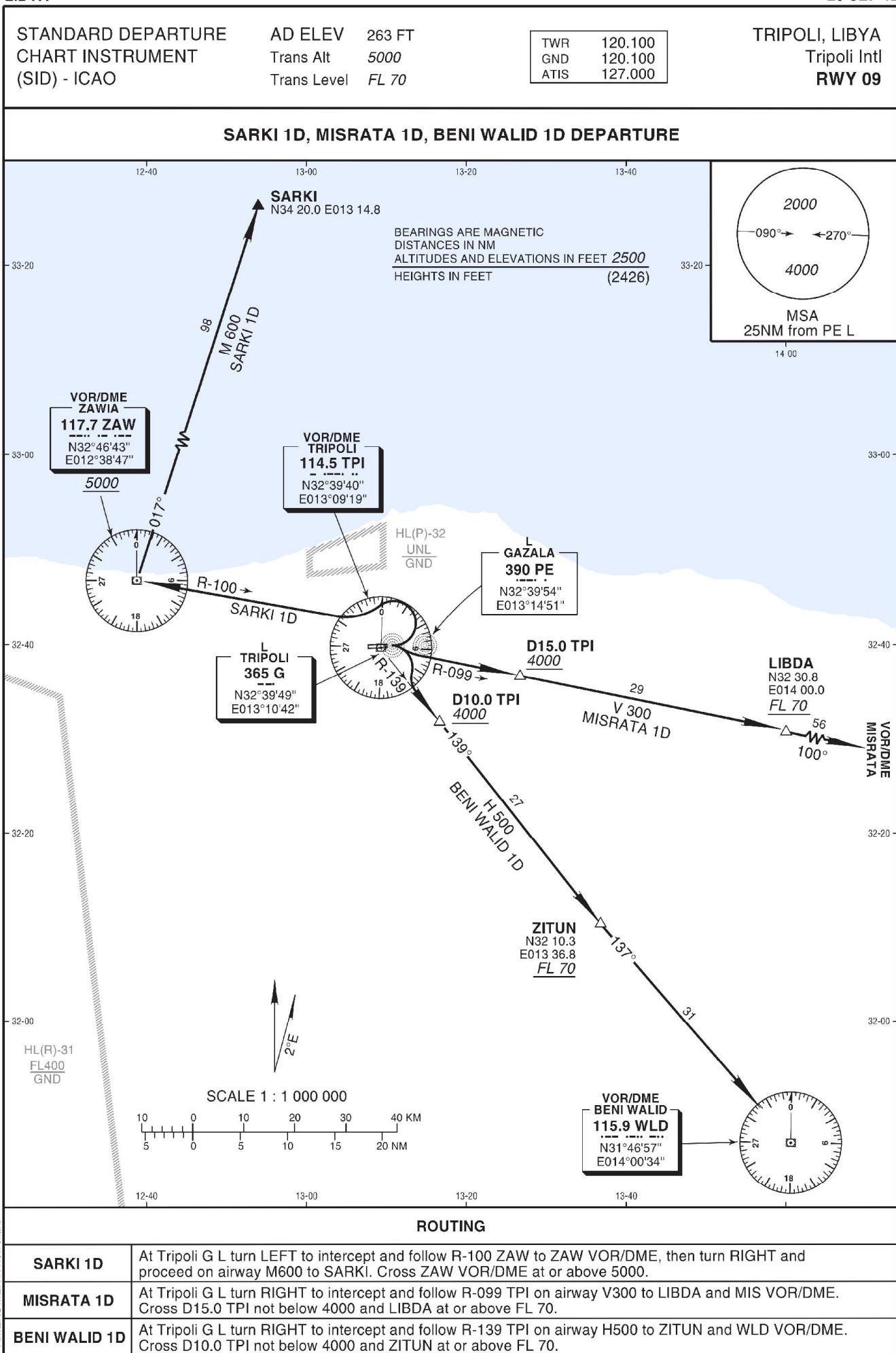
**TANLI 1C, GASRI 1C, SARKI 1C, GARUS 1C, MISRATA 1C,
BENI WALID 1C, GHERIAT 1C, MIZDA 1C, SINAW 1C DEPARTURE**



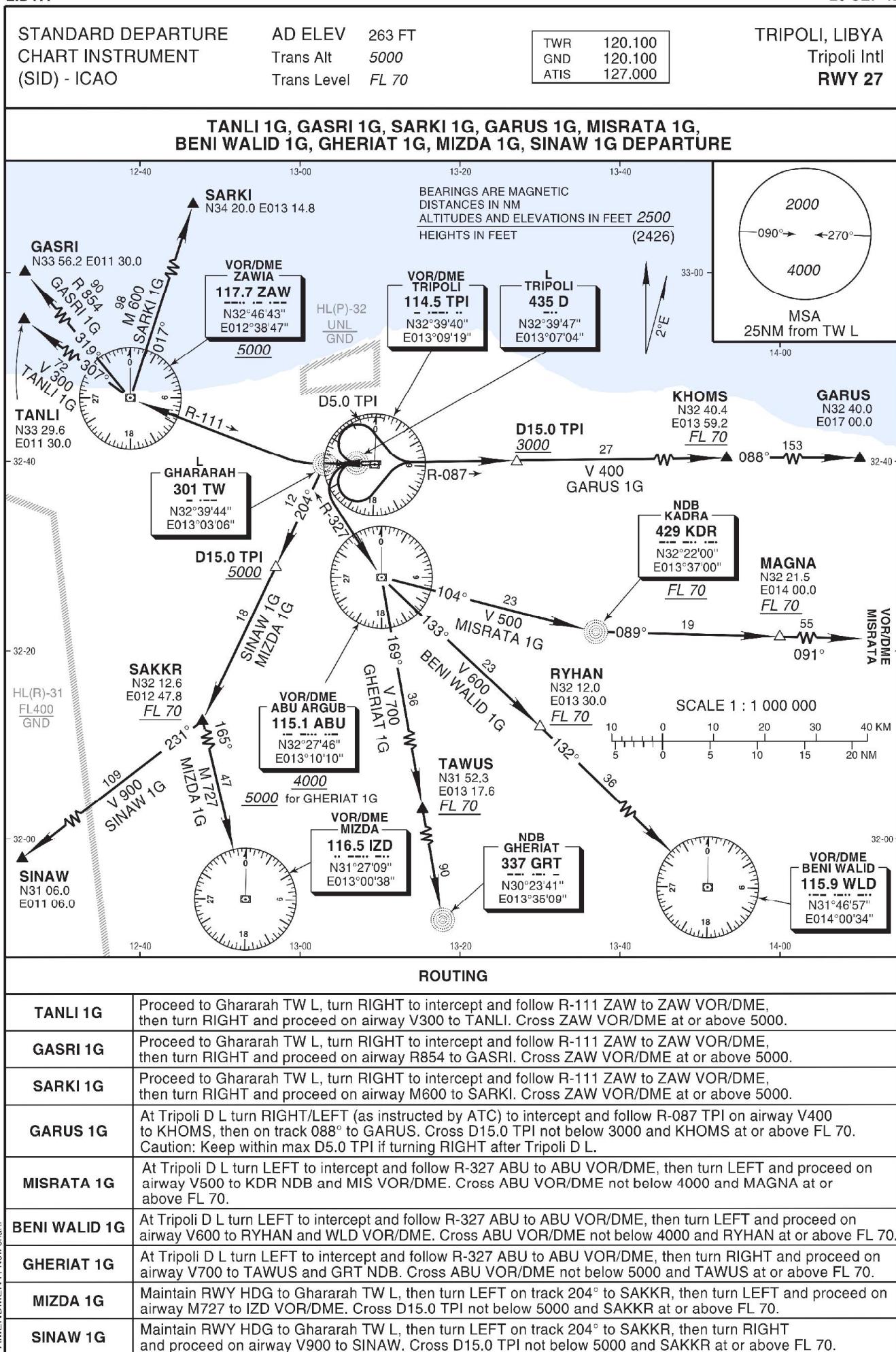
ROUTING

TANLI 1C	At Tripoli G L turn LEFT to intercept and follow R-100 ZAW to ZAW VOR/DME, then turn RIGHT and proceed on airway V300 to TANLI. Cross ZAW VOR/DME at or above 5000.
GASRI 1C	At Tripoli G L turn LEFT to intercept and follow R-100 ZAW to ZAW VOR/DME, then turn RIGHT and proceed on airway R854 to GASRI. Cross ZAW VOR/DME at or above 5000.
SARKI 1C	At Tripoli G L turn LEFT to intercept and follow R-052 TPI to NAWRS, then turn LEFT and proceed on airway M740 to SARKI. Cross NAWRS at or above 5000.
GARUS 1C	Maintain RWY HDG to intercept and follow R-087 TPI on airway V400 to KHOMS, then on track 088° to GARUS. Cross D15.0 TPI not below 3000 and KHOMS at or above FL 70.
MISRATA 1C	Maintain RWY HDG to intercept and follow R-087 TPI on V400 to KHOMS, then turn RIGHT and proceed on airway W860 to MIS VOR/DME. Cross D15.0 TPI not below 3000 and KHOMS at or above FL 70.
BENI WALID 1C	Maintain RWY HDG to intercept and follow R-087 TPI to D11.0 TPI, then turn RIGHT and proceed on airway G659 to KDR NDB and WLD VOR/DME. Cross R-106 TPI/R-065 ABU/R-149 MTG not below 4000 and KDR NDB at or above FL 70.
GHERIAT 1C	At Tripoli G L turn RIGHT to intercept and follow R-020 ABU to ABU VOR/DME, then turn LEFT and proceed on airway V700 to TAWUS and GRT NDB. Cross ABU VOR/DME not below 5000 and TAWUS at or above FL 70.
MIZDA 1C	At Tripoli G L turn RIGHT to intercept and follow R-020 ABU to ABU VOR/DME, then turn LEFT and proceed on airway V800 to GWASM and IZD VOR/DME. Cross ABU VOR/DME not below 4000 and GWASM at or above FL 70.
SINAW 1C	At Tripoli G L turn RIGHT to intercept and follow R-020 ABU to ABU VOR/DME, then turn RIGHT and proceed on airway V900 to SAKKR and SINAW. Cross ABU not below 5000 and SAKKR at or above FL 70.

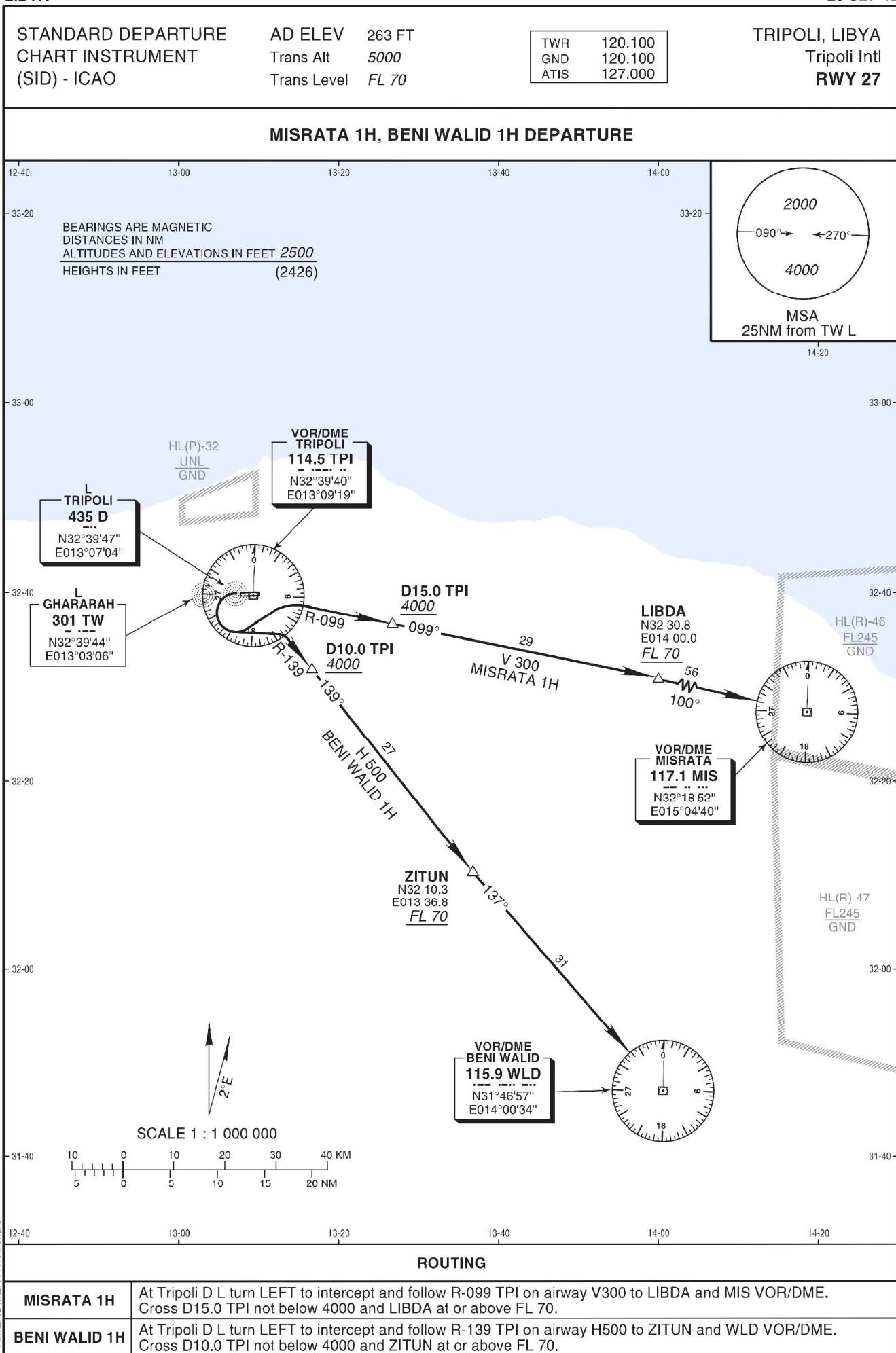
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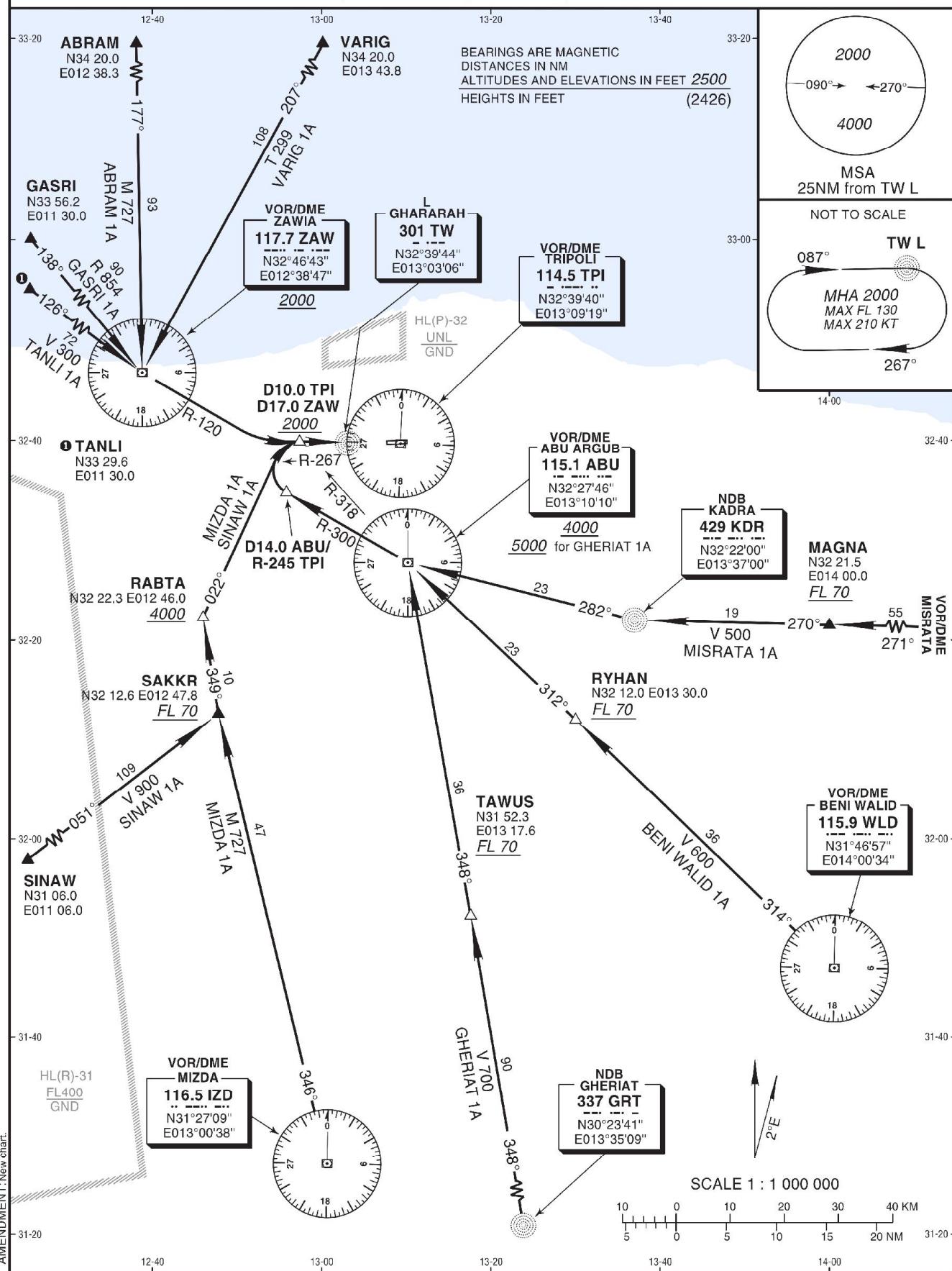
STANDARD ARRIVAL CHART INSTRUMENT (STAR) - ICAO

AD ELEV 263 FT
Trans Alt 5000
Trans Level FL 70

APP	124.000
TWR	120.100
GND	120.100
ATIS	127.000

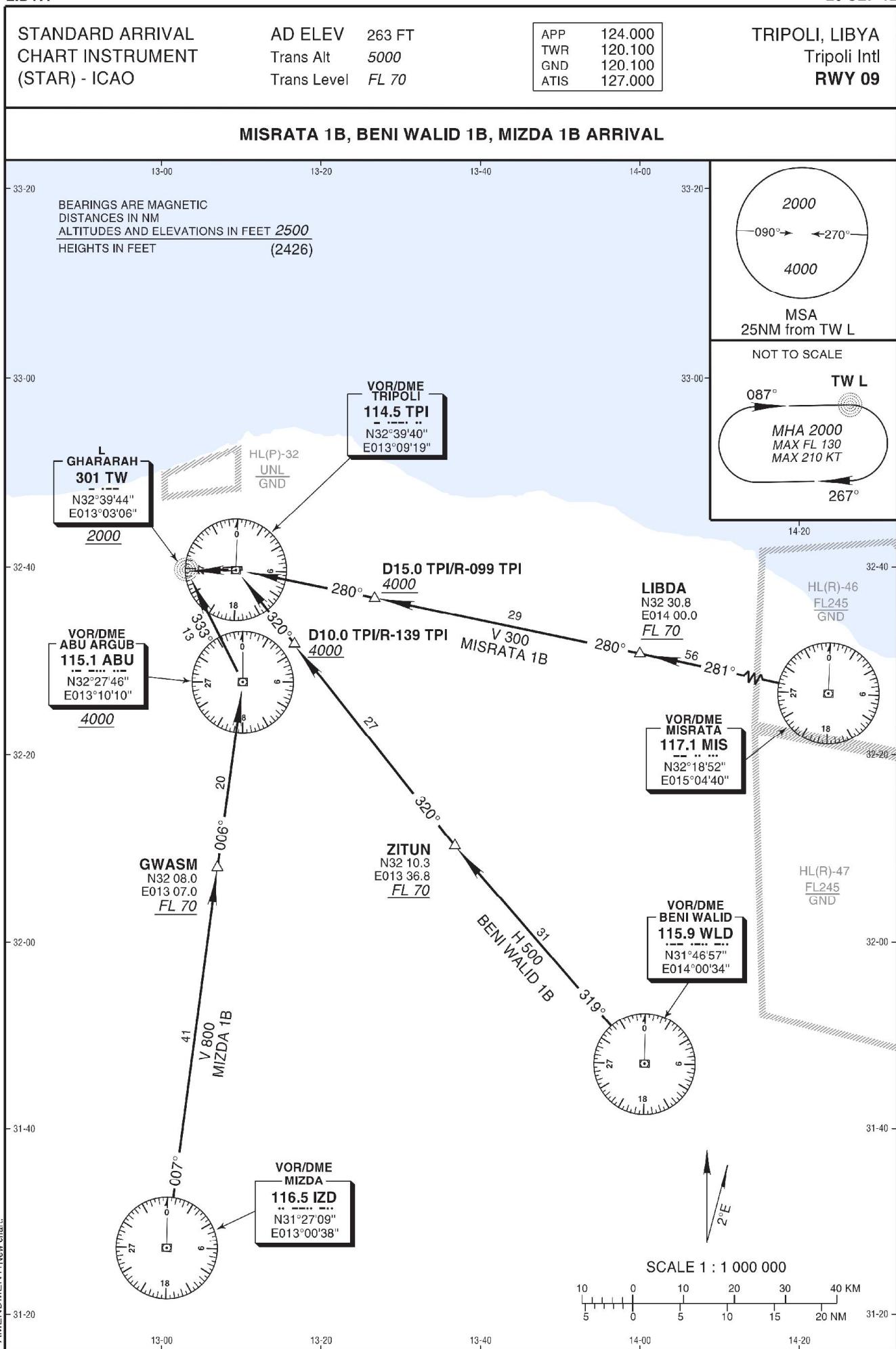
TRIPOLI, LIBYA
Tripoli Intl
RWY 09

TANLI 1A, GASRI 1A, ABRAM 1A, VARIG 1A, MISRATA 1A,
BENI WALID 1A, GHERIAT 1A, MIZDA 1A, SINAW 1A ARRIVÁL



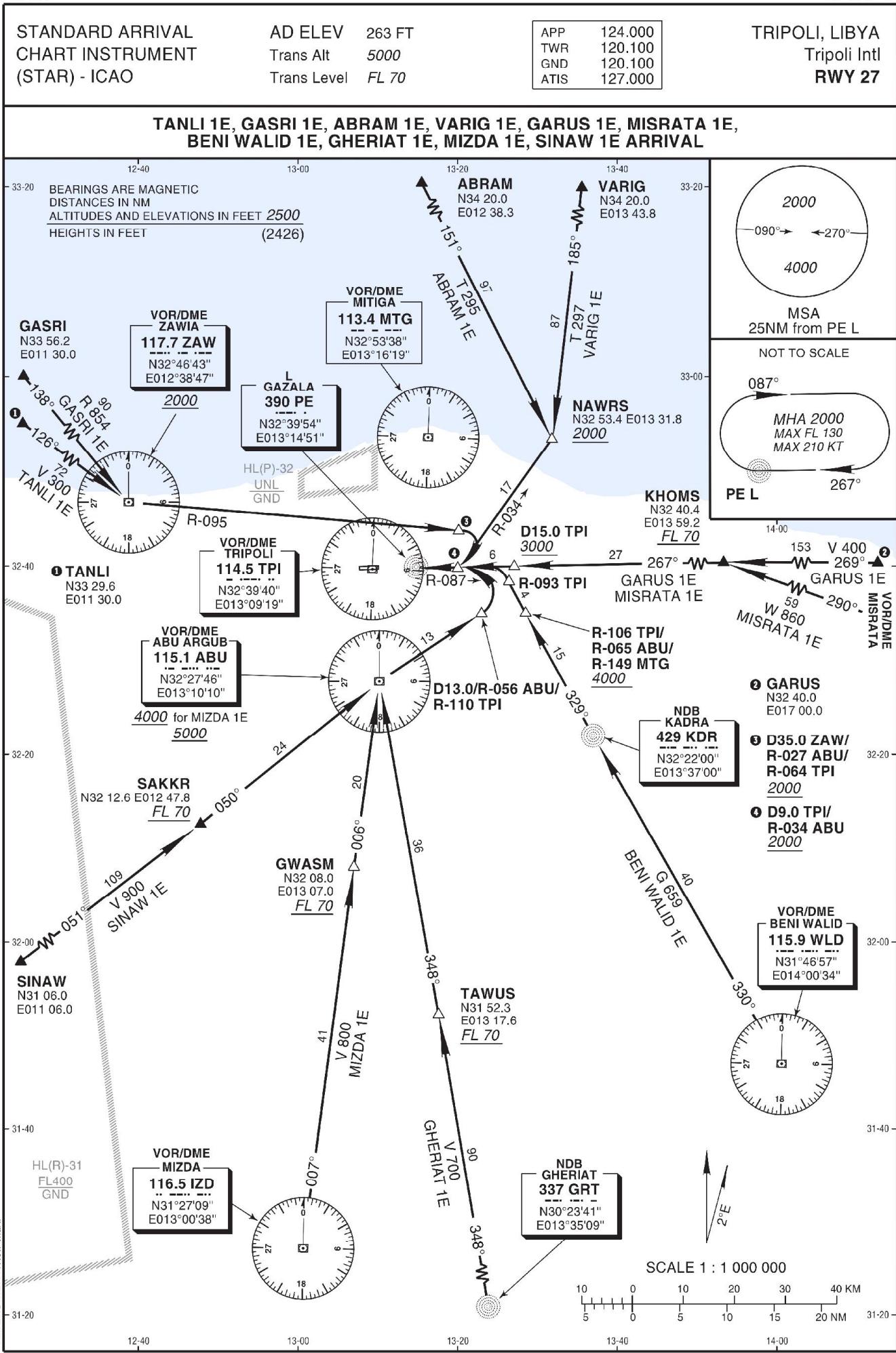
Standard Instrument Arrival Routes RWY 09

ROUTING	
TANLI 1A	From TANLI proceed via airway V300 to ZAW VOR/DME, then turn LEFT on R-120 ZAW to intercept and follow R-267 TPI, descending not below 2000 until D10.0 TPI (D17.0 ZAW/R-318 ABU), continue STRAIGHT-IN Locator approach or to Ghararah TW L holding. Cross ZAW VOR/DME at or above 2000.
GASRI 1A	From GASRI proceed via airway R854 to ZAW VOR/DME, then turn LEFT on R-120 ZAW to intercept and follow R-267 TPI, descending not below 2000 until D10.0 TPI (D17.0 ZAW/R-318 ABU), continue STRAIGHT-IN Locator approach or to Ghararah TW L holding. Cross ZAW VOR/DME at or above 2000.
ABRAM 1A	From ABRAM proceed via airway M727 to ZAW VOR/DME, then turn LEFT on R-120 ZAW to intercept and follow R-267 TPI, descending not below 2000 until D10.0 TPI (D17.0 ZAW/R-318 ABU), continue STRAIGHT-IN Locator approach or to Ghararah TW L holding. Cross ZAW VOR/DME at or above 2000.
VARIG 1A	From VARIG proceed via airway T299 to ZAW VOR/DME, then turn LEFT on R-120 ZAW to intercept and follow R-267 TPI, descending not below 2000 until D10.0 TPI (D17.0 ZAW/R-318 ABU), continue STRAIGHT-IN Locator approach or to Ghararah TW L holding. Cross ZAW VOR/DME at or above 2000.
MISRATA 1A	From MIS VOR/DME proceed via airway V500 to KDR NDB and ABU VOR/DME, then turn RIGHT on R-300 ABU until D14.0 ABU (R-245 TPI), then turn RIGHT to intercept and follow R-267 TPI, descending not below 2000 until D10.0 TPI (D17.0 ZAW/R-318 ABU), continue STRAIGHT-IN Locator approach or to Ghararah TW L holding. Cross MAGNA not below FL 70 and ABU VOR/DME at or above 4000.
BENI WALID 1A	From WLD VOR/DME proceed via airway V600 to RYHAN and ABU VOR/DME, then turn LEFT on R-300 ABU until D14.0 ABU (R-245 TPI), then turn RIGHT to intercept and follow R-267 TPI, descending not below 2000 until D10.0 TPI (D17.0 ZAW/R-318 ABU), continue STRAIGHT-IN Locator approach or to Ghararah TW L holding. Cross RYHAN not below FL 70 and ABU VOR/DME at or above 4000.
GHERIAT 1A	From GRT NDB proceed via airway V700 to TAWUS and ABU VOR/DME, then turn LEFT on R-300 ABU until D14.0 ABU (R-245 TPI), then turn RIGHT to intercept and follow R-267 TPI, descending not below 2000 until D10.0 TPI (D17.0 ZAW/R-318 ABU), continue STRAIGHT-IN Locator approach or to Ghararah TW L holding. Cross TAWUS not below FL 70 and ABU VOR/DME at or above 5000.
MIZDA 1A	From IZD VOR/DME proceed via airway M727 to SAKKR and RABTA, then turn RIGHT on track 022° to intercept and follow R-267 TPI, descending not below 2000 until D10.0 TPI (D17.0 ZAW/R-318 ABU), continue STRAIGHT-IN Locator approach or to Ghararah TW L holding. Cross SAKKR not below FL 70 and RABTA at or above 4000.
SINAW 1A	From SINAW proceed via airway V900 to SAKKR, then turn LEFT on track 349° to RABTA, then turn RIGHT on track 022° to intercept and follow R-267 TPI, descending not below 2000 until D10.0 TPI (D17.0 ZAW/R-318 ABU), continue STRAIGHT-IN Locator approach or to Ghararah TW L holding. Cross SAKKR not below FL 70 and RABTA at or above 4000.



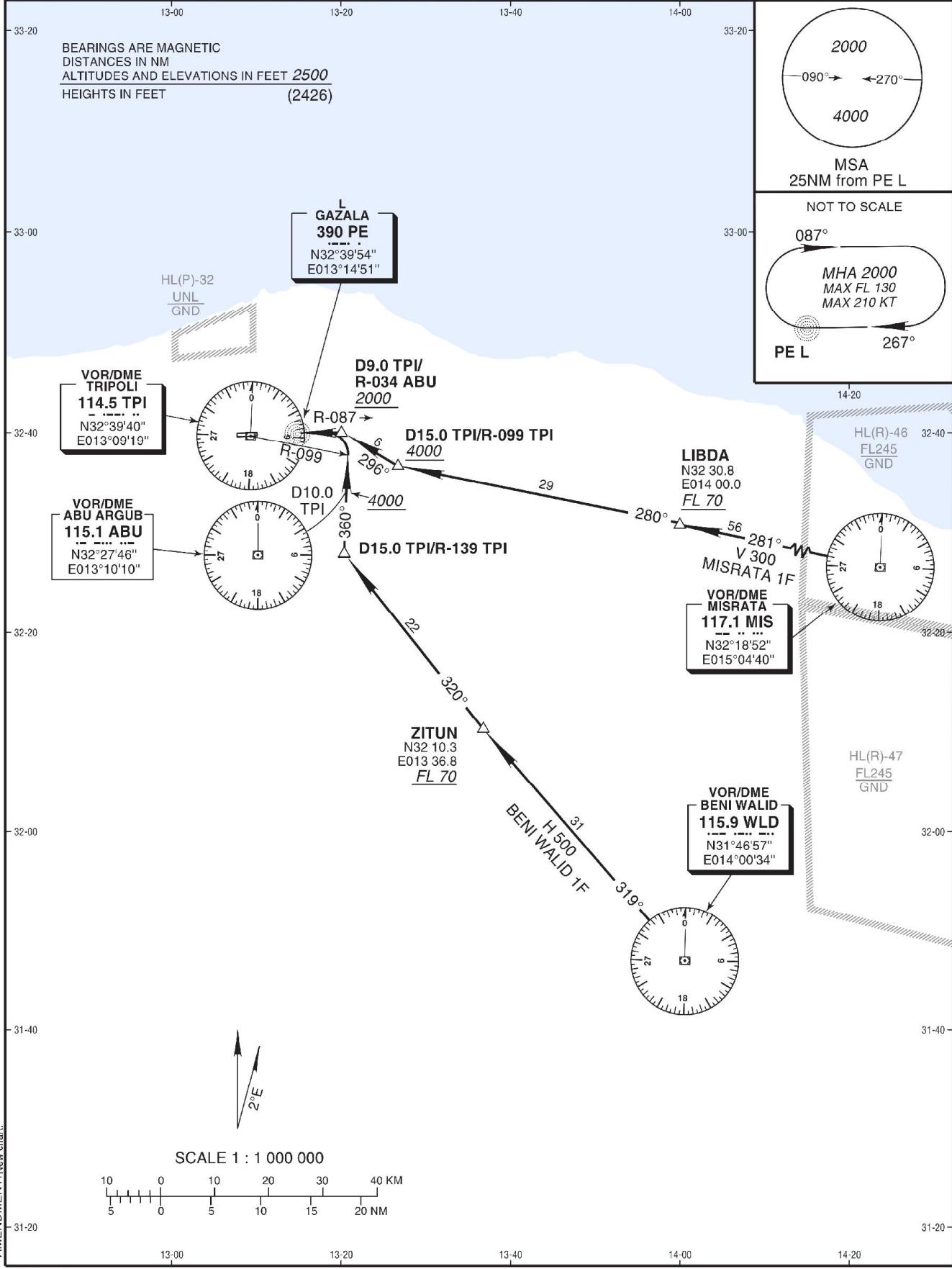
Standard Instrument Arrival Routes RWY 09

ROUTING	
MISRATA 1B	From MIS VOR/DME proceed via airway V300 to LIBDA and TPI VOR/DME, then turn LEFT to Ghararah TW L, descending not below 2000 continue STRAIGHT-IN Locator approach or enter Ghararah TW L holding. Cross LIBDA not below FL 70 and D15.0 TPI/R-099 TPI at or above 4000.
BENI WALID 1B	From WLD VOR/DME proceed via airway H500 to ZITUN and TPI VOR/DME, then turn LEFT to Ghararah TW L, descending not below 2000 continue STRAIGHT-IN Locator approach or enter Ghararah TW L holding. Cross ZITUN not below FL 70 and D10.0 TPI/R-139 TPI at or above 4000.
MIZDA 1B	From IZD VOR/DME proceed via airway V800 to GWASM and ABU VOR/DME, then turn LEFT on track 333° to Ghararah TW L, descending not below 2000 continue STRAIGHT-IN Locator approach or enter Ghararah TW L holding. Cross GWASM not below FL 70 and ABU VOR/DME at or above 4000.



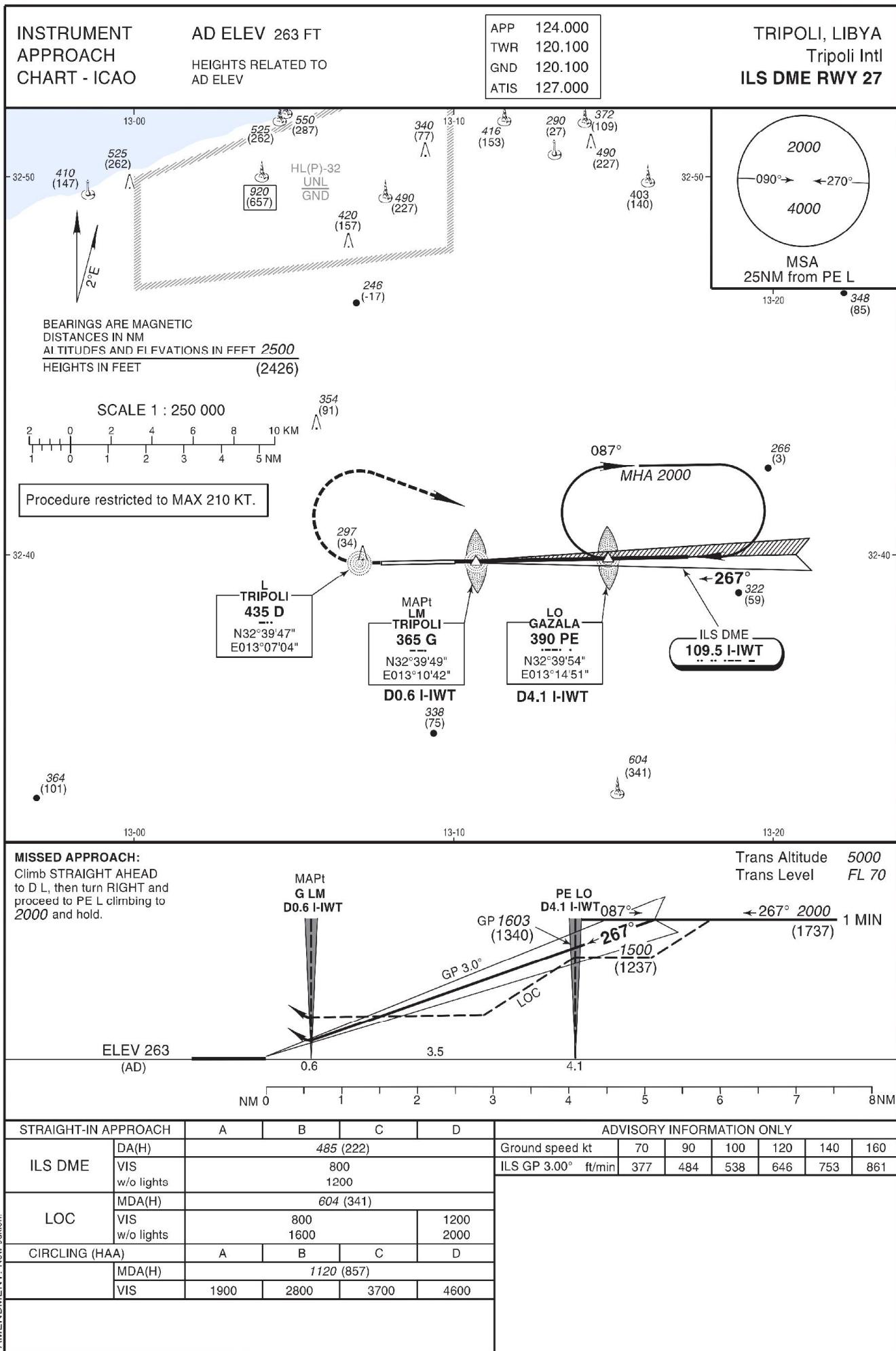
Standard Instrument Arrival Routes RWY 27

ROUTING	
TANLI 1E	From TANLI proceed via airway V300 to ZAW VOR/DME, then turn LEFT on R-095 ZAW to D35.0 ZAW (R-027 ABU/R-064 TPI) turn RIGHT to intercept and follow R-087 TPI (ILS LOC), descending not below 2000 until D9.0 TPI (R-034 ABU), continue STRAIGHT-IN ILS/Locator approach or to Gazala PE L holding. Cross ZAW VOR/DME at or above 2000.
GASRI 1E	From GASRI proceed via airway R854 to ZAW VOR/DME, then turn LEFT on R-095 ZAW to D35.0 ZAW (R-027 ABU/R-064 TPI) turn RIGHT to intercept and follow R-087 TPI (ILS LOC), descending not below 2000 until D9.0 TPI (R-034 ABU), continue STRAIGHT-IN ILS/Locator approach or to Gazala PE L holding. Cross ZAW VOR/DME at or above 2000.
ABRAM 1E	From ABRAM proceed via airway T295 to NAWRS, then turn RIGHT on R-034 ABU to intercept and follow R-087 TPI (ILS LOC), descending not below 2000 until D9.0 TPI (R-034 ABU), continue STRAIGHT-IN ILS/Locator approach or to Gazala PE L holding. Cross NAWRS at or above 2000.
VARIG 1E	From VARIG proceed via airway T297 to NAWRS, then turn RIGHT on R-034 ABU to intercept and follow R-087 TPI (ILS LOC), descending not below 2000 until D9.0 TPI (R-034 ABU), continue STRAIGHT-IN ILS/Locator approach or to Gazala PE L holding. Cross NAWRS at or above 2000.
GARUS 1E	From GARUS proceed via airway V400 to KHOMS, then proceed on track 267° to D15.0 TPI and follow R-087 TPI (ILS LOC), descending not below 2000 until D9.0 TPI (R-034 ABU), continue STRAIGHT-IN ILS/Locator approach or to Gazala PE L holding. Cross KHOMS not below FL 70 and D15.0 TPI at or above 3000.
MISRATA 1E	From MIS VOR/DME proceed via airway W860 to KHOMS, then proceed on track 267° to D15.0 TPI and follow R-087 TPI (ILS LOC), descending not below 2000 until D9.0 TPI (R-034 ABU), continue STRAIGHT-IN ILS/Locator approach or to Gazala PE L holding. Cross KHOMS not below FL 70 and D15.0 TPI at or above 3000.
BENI WALID 1E	From WLD VOR/DME proceed via airway G659 to KDR NDB, then proceed on track 329° to R-106 TPI/R-065 ABU/R-149 MTG and R-093 TPI, then turn LEFT to intercept and follow R-087 TPI (ILS LOC), descending not below 2000 until D9.0 TPI (R-034 ABU), continue STRAIGHT-IN ILS/Locator approach or to Gazala PE L holding. Cross R-106 TPI/R-065 ABU/R-149 MTG at or above 4000.
GHERIAT 1E	From GRT NDB proceed via airway V700 to TAWUS and ABU VOR/DME, then turn RIGHT to intercept and follow R-056 ABU until D13.0 ABU (R-110 TPI), then turn LEFT to intercept and follow R-087 TPI (ILS LOC), descending not below 2000 until D9.0 TPI (R-034 ABU), continue STRAIGHT-IN ILS/Locator approach or to Gazala PE L holding. Cross TAWUS not below FL 70 and ABU VOR/DME at or above 5000.
MIZDA 1E	From IZD VOR/DME proceed via airway V800 to GWASM and ABU VOR/DME, then turn RIGHT to intercept and follow R-056 ABU until D13.0 ABU (R-110 TPI), then turn LEFT to intercept and follow R-087 TPI (ILS LOC), descending not below 2000 until D9.0 TPI (R-034 ABU), continue STRAIGHT-IN ILS/Locator approach or to Gazala PE L holding. Cross GWASM not below FL 70 and ABU VOR/DME at or above 4000.
SINAW 1E	From SINAW proceed via airway V900 to SAKKR and ABU VOR/DME, then turn RIGHT to intercept and follow R-056 ABU until D13.0 ABU (R-110 TPI), then turn LEFT to intercept and follow R-087 TPI (ILS LOC), descending not below 2000 until D9.0 TPI (R-034 ABU), continue STRAIGHT-IN ILS/Locator approach or to Gazala PE L holding. Cross SAKKR not below FL 70 and ABU VOR/DME at or above 5000.

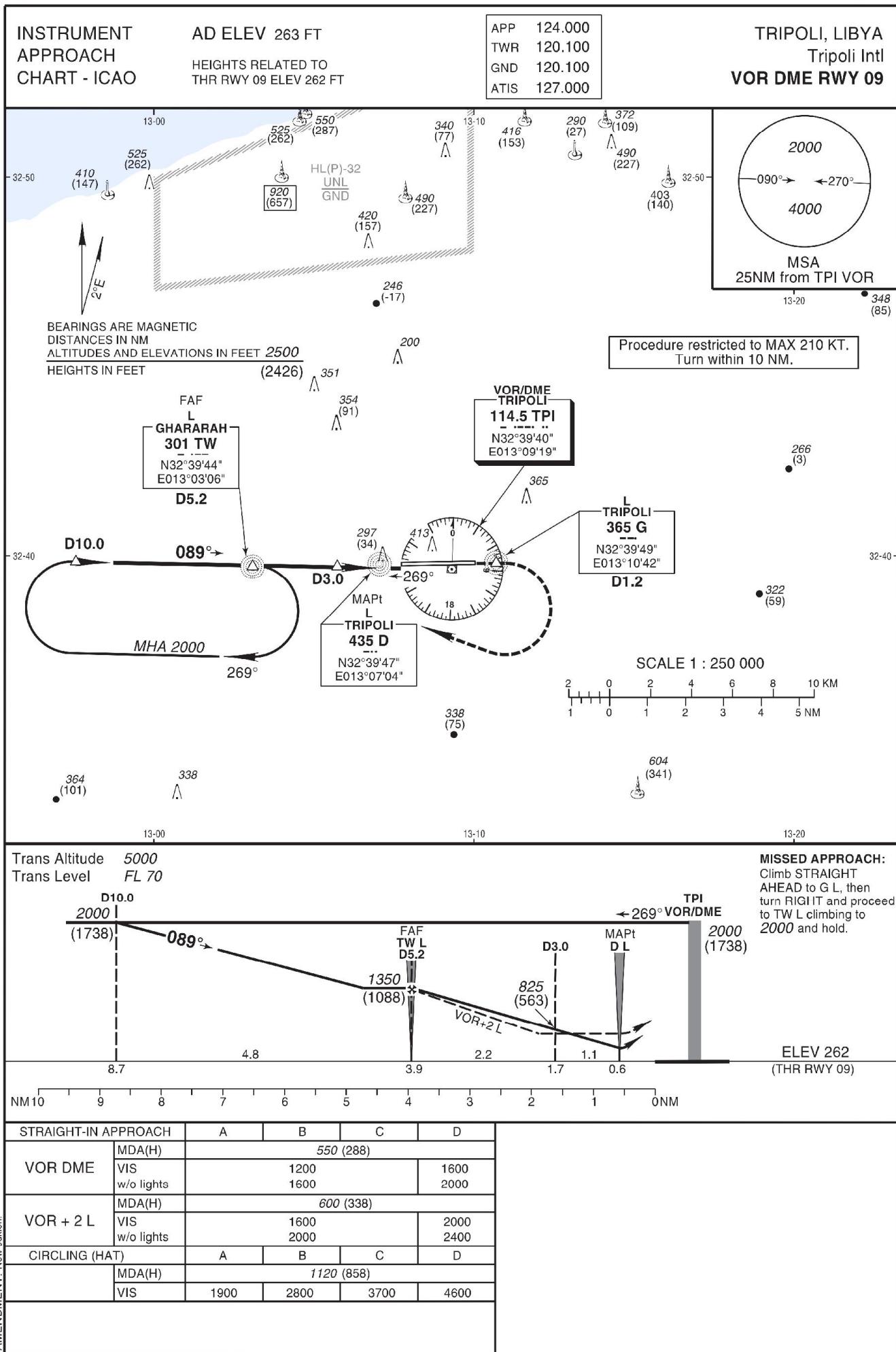
STANDARD ARRIVAL
CHART INSTRUMENT
(STAR) - ICAOAD ELEV 263 FT
Trans Alt 5000
Trans Level FL 70APP 124.000
TWR 120.100
GND 120.100
ATIS 127.000TRIPOLI, LIBYA
Tripoli Intl
RWY 27**MISRATA 1F, BENI WALID 1F ARRIVAL**

Standard Instrument Arrival Routes RWY 27

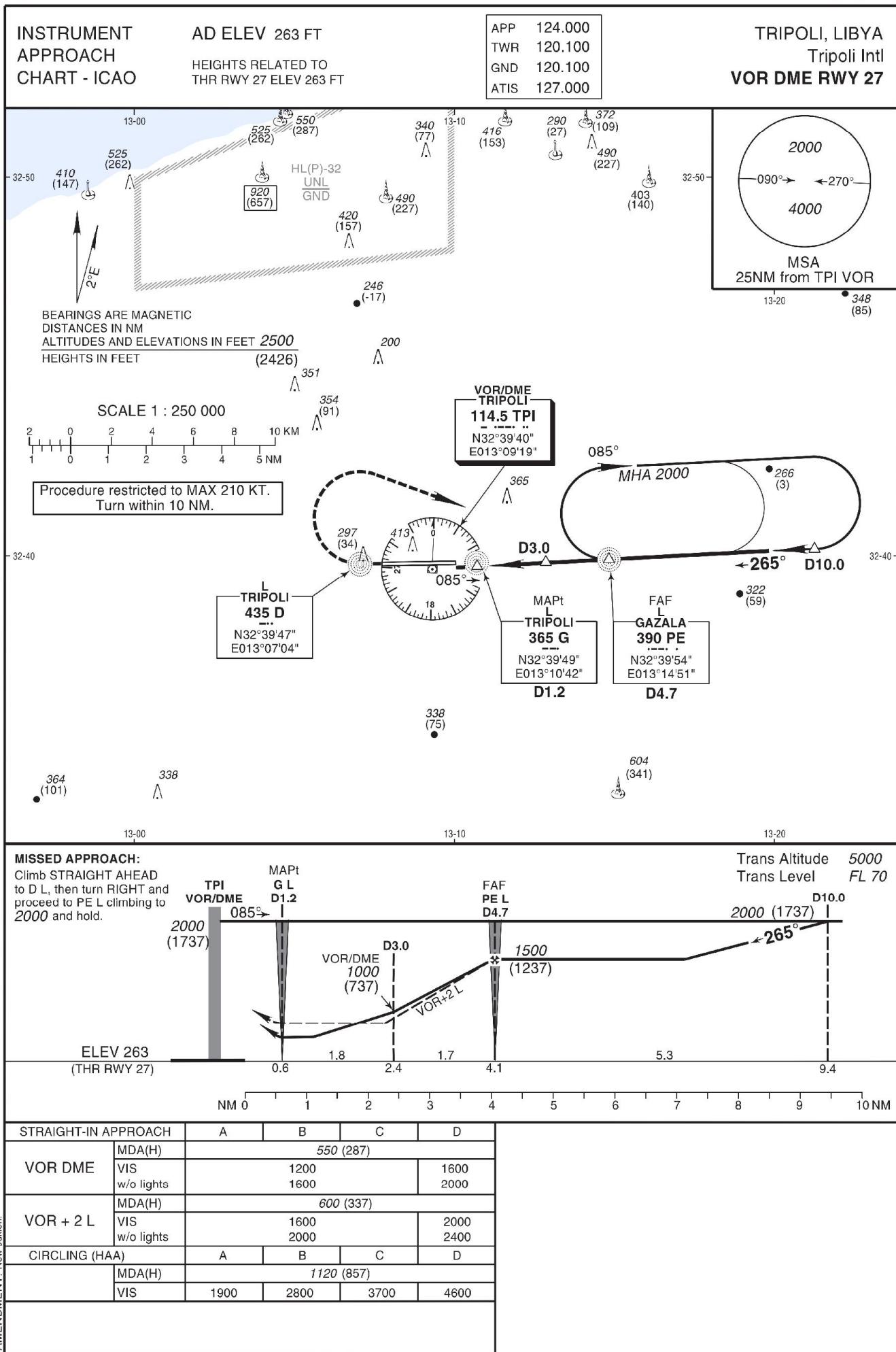
ROUTING	
MISRATA 1F	From MIS VOR/DME proceed via airway V300 to LIBDA, then proceed on track 280° to D15.0 TPI, then turn RIGHT on track 296°, descending not below 2000 until D9.0 TPI (R-034 ABU), then turn LEFT to intercept and follow R-087 TPI (ILS LOC), continue STRAIGHT-IN ILS/Locator approach or to Gazala PE L holding. Cross LIBDA not below FL 70 and D15.0 TPI/R-099 TPI at or above 4000.
BENI WALID 1F	From WLD VOR/DME proceed via airway H500 to ZITUN, then proceed on track 320° to D15.0 TPI/R-139 TPI, then turn RIGHT on track 360° until R-099 TPI, then turn LEFT to intercept and follow R-087 TPI (ILS LOC), continue STRAIGHT-IN ILS/Locator approach or to Gazala PE L holding. Cross ZITUN not below FL 70 and D10.0 TPI at or above 4000.



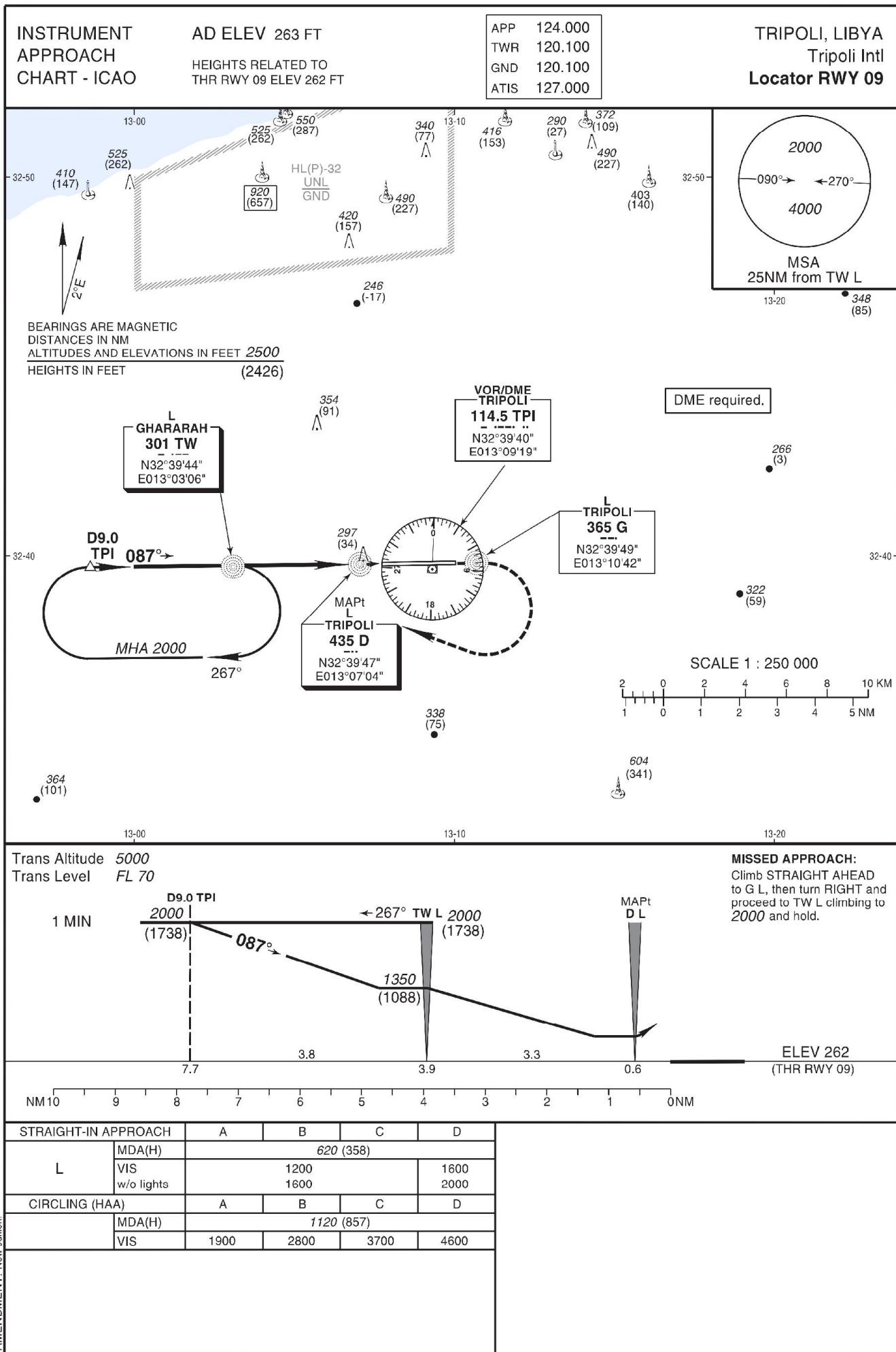
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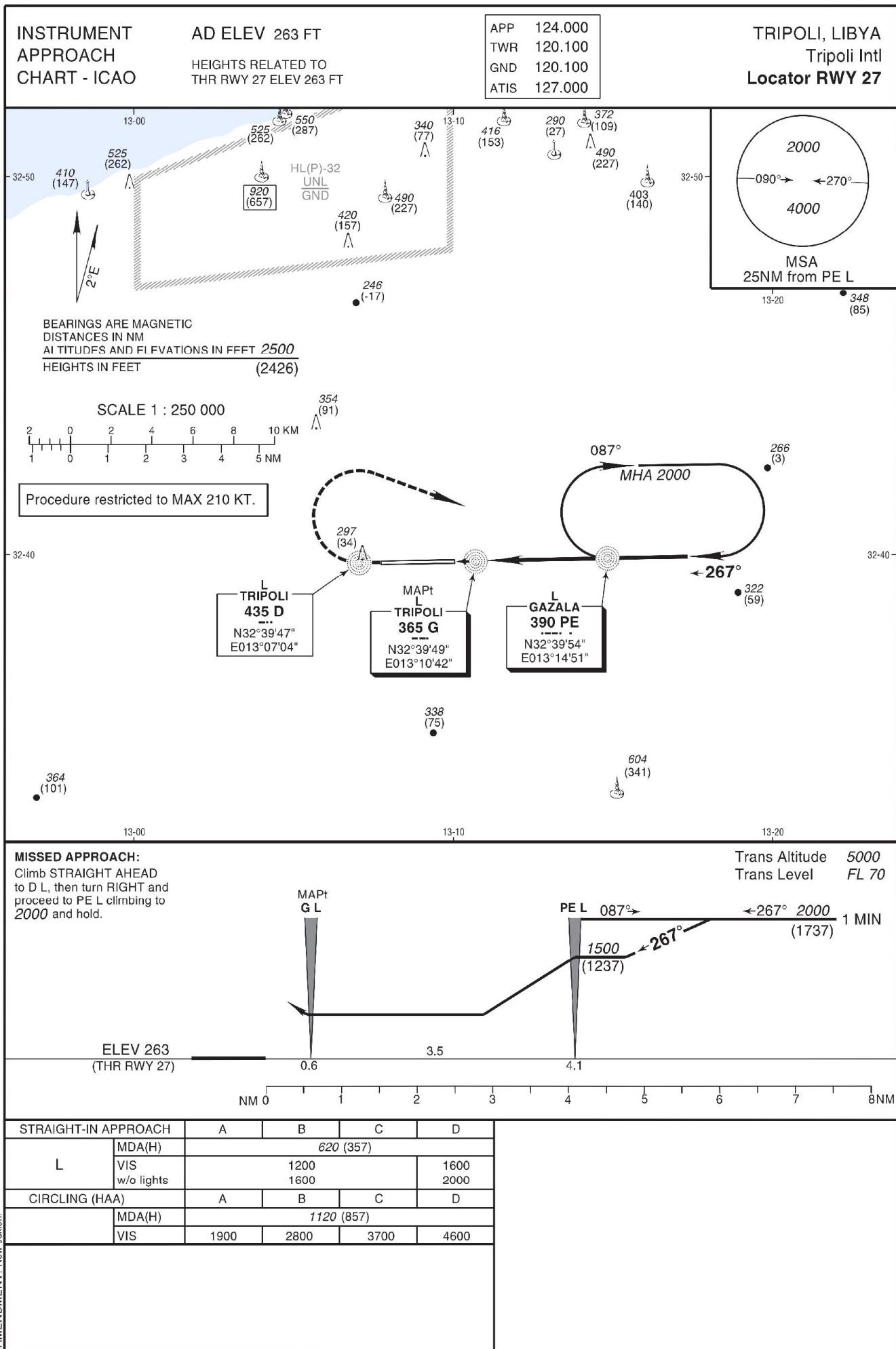
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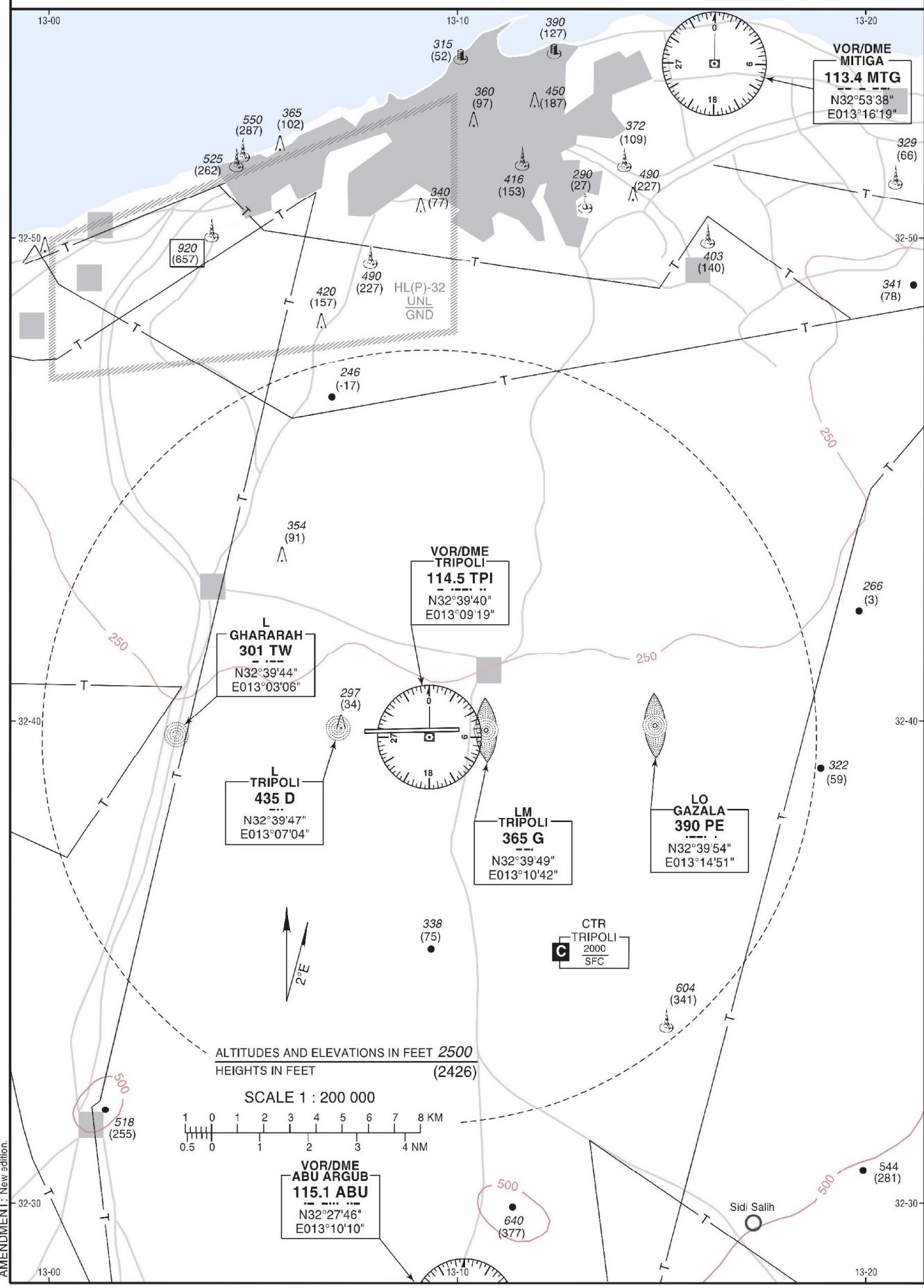
VISUAL
APPROACH
CHART - ICAO

WGS 84

AD ELEV 263 FT

APP	124.000
TWR	120.100
GND	120.100
ATIS	127.000

TRIPOLI, LIBYA
Tripoli Intl



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