

HLLB AD 2.1 AERODROME LOCATION INDICATOR AND NAME**HLLB - BENGHAZI / Benina International****HLLB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	N320548.50 E0201610.42 (WGS-84)
2	Direction and distance from city	10 NM east of Benghazi
3	Elevation/Reference temperature	436 ft / 32°C
4	Geoid undulation at AD ELEV PSN	Nil
5	MAG VAR/Annual change	3° E (2012)
6	AD Administration, address, telephone, telefax, AFS	Director of Benina Airport Tel: 00218-61-3350092, 3350093 00218-61-2223063, 26922 Fax: 00218-61-2223063 AFS: HLLBYDYX
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	Nil

HLLB 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

HLLB AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Cranes - Heavy fork lifts - Roller pallet lifts - Conveyor belt, High load
2	Fuel/oil types	Jet A1- AvGas 100 Nil
3	Fuelling facilities/capacity	Tankers
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Limited
6	Repair facilities for visiting aircraft	Limited
7	Remarks	Nil

HLLB AD 2.5 PASSENGER FACILITIES

1	Hotels	In city
2	Restaurants	Snacks
3	Transportation	Taxis
4	Medical facilities	First Aid
5	Bank and Post Office	Available
6	Tourist Office	Available
7	Remarks	Nil

HLLB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

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

HLLB AD 2.7 SEASONAL AVAILABILITY - CLEARING

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

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

1	Apron surface and strength	Concrete/Asphalt
2	Taxiway width, surface and strength	23 m, Asphalt, PCN 60
3	Altimeter checkpoint location and elevation	Main terminal apron, elevation 132 m (433 ft)
4	VOR checkpoints	Nil
5	INS checkpoints	Nil
6	Remarks	Nil

HLLB 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	Nil
2	RWY and TWY markings and LGT	Yes
3	Stop bars	Yes
4	Remarks	Nil

HLLB 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	
15L/33R	Nil	Nil	Nil	Nil	Nil
15R/33L	Crane 600.39 ft	N320556 E0201647 1110 m	Nil	Nil	Length of crane booms (lever arms) are 76 m
	Crane 581.03 ft	N320554 E0201643 1003 m			
	Crane 562.66 ft	N320551 E0201646 1012 m			
	Crane 561.68 ft	N320558 E0201641 1012 m			

HLLB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Abuatny/Benghazi
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	Benina
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
8	Supplementary equipment available for providing information	Tel: 00218-61-2226935, 3350169
9	ATS units provided with information	Benina APP / TWR
10	Additional information (limitation of service, etc.)	Nil

HLLB 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
15L	150°	3600 x 45	Asphalt/Concrete	N320641.76 E0201541.34	THR 376 ft
33R	330°			N320500.42 E0201649.62	THR 433 ft
15R	150°	3600 x 45	Asphalt/Concrete PCN 90	N320636.74 E0201531.21	THR 376 ft
33L	330°			N320455.35 E0201639.56	THR 433 ft
Designations RWY NR	Slope of RWY - SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ
1	7	8	9	10	11
15L	+0.5 %	300 x 45	300 x 150	4320 x 300	Nil
33R	-0.5 %	300 x 45	300 x 150		
15R	+0.5 %	300 x 45	300 x 150	4320 x 300	Nil
33L	-0.5 %	300 x 45	300 x 150		
Designations RWY NR	Remarks				
1	12				
15L	Rwy closed				
33R					
15R	Nil				
33L					

HLLB AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
15L	3600	3900	3900	3600	Nil
33R	3600	3900	3900	3600	Nil
15R	3600	3900	3900	3600	Nil
33L	3600	3900	3900	3600	Nil

HLLB 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
15L	ALS LIH white Calvert CAT II	Green Wing bars	VASI 3.00°	White	White Last 600 m White/Red	White Last 600 m yellow LIH	Red	Yes	Nil
33R									
15R	ALS LIL white CAT I								
33L	ALS LIL white short Calvert CAT II	Wing bars	PAPI 3.00°	Nil	Nil	White last 600 m yellow LIL	Yes	Yes	Nil

HLLB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operations	ABN: N320648 E0201554 Flashing green/white at night and at IMC.
2	LDI location and LGT Anemometer location and LGT	15 and 33 THR, signal lamp
3	TWY edge and centreline lighting	TWY Edge: partly light off Centreline: light off TWY D, white
4	Secondary power supply/ Switch-over time	Available 6 sec.
5	Remarks	SWY: partly TWY C: rapid exit

HLLB AD 2.16 HELICOPTER LANDING AREA

To be developed.

HLLB AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Benina CTR A circle with radius of 25 NM centered at Benina VOR/DME BNA N320728 E0201513
2	Vertical limits	GND - 5000
3	Airspace classification	C
4	ATS unit call sign language(s)	Benina TWR English
5	Transition altitude/Transition level	5000 / FL70
6	Remarks	Nil

HLLB AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Benina Tower	121.300 MHz	H24	Primary
APP/RSR	Benghazi Approach	129.200 MHz	H24	Primary
		126.500 MHz	H24	Secondary
		127.000 MHz	H24	Additional for ARR/DEP
		125.500 MHz	H24	Primary
ACC/RSR	Nil	129.500 MHz	H24	Secondary
		121.900 MHz	H24	Nil

HLLB 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 3.0°E	BNA	117.400 MHz	H24	N320728 E0201513	349 ft	Nil
L	BN	362 KHz	H24	N321020 E0201310	Nil	Nil
L	BNR	278 KHz	H24	N321018 E0201312	Nil	Nil
L	BS	257 KHz	H24	N320131.40 E0201857.20	Nil	Nil
ILS RWY 33L CAT II						
LOC 3.0°E	I-BNI	110.300 MHz	H24	N320646.82 E0201524.49	Nil	Nil
GP	I-BNI	335.000 MHz	H24	N320503.02 E0201628.31	Nil	Glideslope 3°

HLLB AD 2.20 LOCAL TRAFFIC REGULATIONS

20.1	Airport regulation	20.4	Parking area for helicopters
	General: Aerodrome restricted to aircraft capable of maintaining two-way radio communications with ATC.		As directed by ATC.
20.2	Taxiing to and from stands	20.5	Apron - taxiing during winter conditions
	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.		Not applicable.
20.3	Parking area for small aircraft (General aviation)	20.6	Taxiing-limitations
	General aviation aircraft shall not be guided by marshallers to the parking area for small aircraft.		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 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.

HLLB AD 2.21 NOISE ABATEMENT PROCEDURES

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

HLLB AD 2.22 FLIGHT PROCEDURES

22.1	General	22.4	Precision radar approach
	Unless special permission has been obtained from Benghazi Approach or Benina Tower as appropriate, flight within Benina TMA and Benina CTR shall be in accordance with the Instrument Flight Rules.		Nil.
22.2	Procedures for IFR flights within Benina TMA	22.5	Communication failure
	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.		In the event of communication failure the pilot shall act in accordance with the communication procedures in ANNEX 2.
22.3	Radar procedures within Benina TMA	22.6	Procedures for VFR flights within Benina TMA
	<i>Radar vectoring and sequencing</i>		Provided traffic conditions so permit ATC clearance for VFR flights will be given under the conditions described below:
	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.	a)	A flight plan requesting ATC clearance, containing items 7 to 18 and indicating the purpose of the flight, shall be submitted.
	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.	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 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 Benina Control.

22.7 Procedures for VFR flights within Benina 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 and stand-by for light signals from the tower.
- b) If outside CTR - descend to below TMA. Under VMC enter CTR from northeast or southwest and proceed to the traffic circuit at 1000 ft MSL or 500 ft GND, whichever is higher. Stand-by for light signals from the tower.

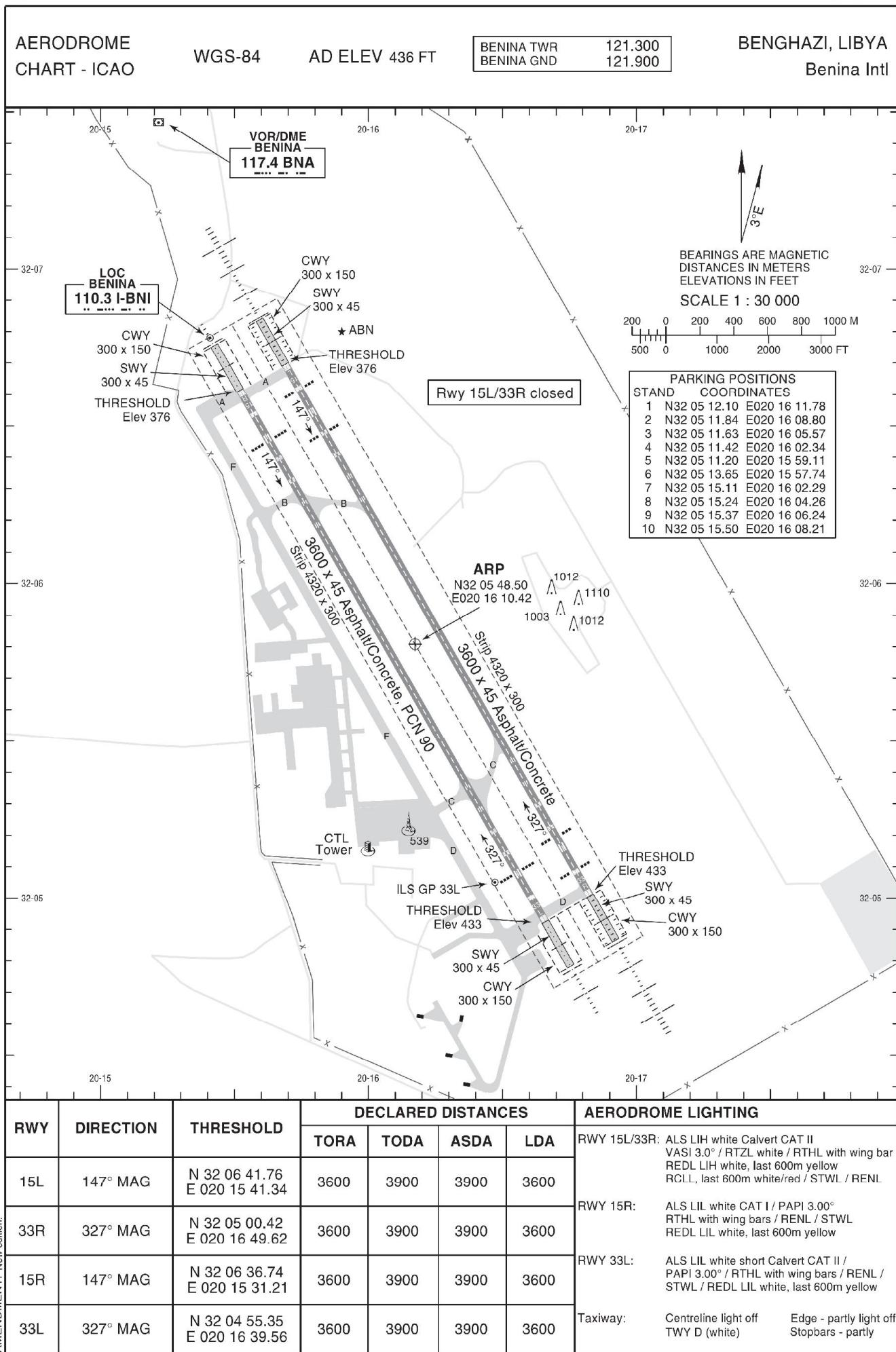
HLLB AD 2.23 ADDITIONAL INFORMATION

Nil

HLLB AD 2.24 CHARTS RELATED TO THE AERODROME

AERODROME CHART - ICAO	AD 2 HLLB-9
AERODROME OBSTACLE CHART - ICAO - TYPE A	AD 2 HLLB-11
STANDARD DEPARTURE CHART INSTRUMENT - ICAO - RWY 15L/R	AD 2 HLLB-13
STANDARD DEPARTURE CHART INSTRUMENT - ICAO - RWY 33L/R	AD 2 HLLB-15
STANDARD ARRIVAL CHART INSTRUMENT - ICAO - RWY 15L/R (ARR A)	AD 2 HLLB-17
STANDARD ARRIVAL CHART INSTRUMENT - ICAO - RWY 15L/R (ARR B)	AD 2 HLLB-19
STANDARD ARRIVAL CHART INSTRUMENT - ICAO - RWY 33L/R (ARR D)	AD 2 HLLB-21
STANDARD ARRIVAL CHART INSTRUMENT - ICAO - RWY 33L/R (ARR E)	AD 2 HLLB-23
INSTRUMENT APPROACH CHART - ICAO - VOR ILS DME RWY 33L	AD 2 HLLB-25
INSTRUMENT APPROACH CHART - ICAO - VOR DME RWY 15L/R	AD 2 HLLB-27
INSTRUMENT APPROACH CHART - ICAO - VOR DME RWY 33L/R	AD 2 HLLB-29
INSTRUMENT APPROACH CHART - ICAO - Locator RWY 15L/R	AD 2 HLLB-31
INSTRUMENT APPROACH CHART - ICAO - Locator RWY 33L/R	AD 2 HLLB-33
VISUAL APPROACH CHART - ICAO	AD 2 HLLB-35

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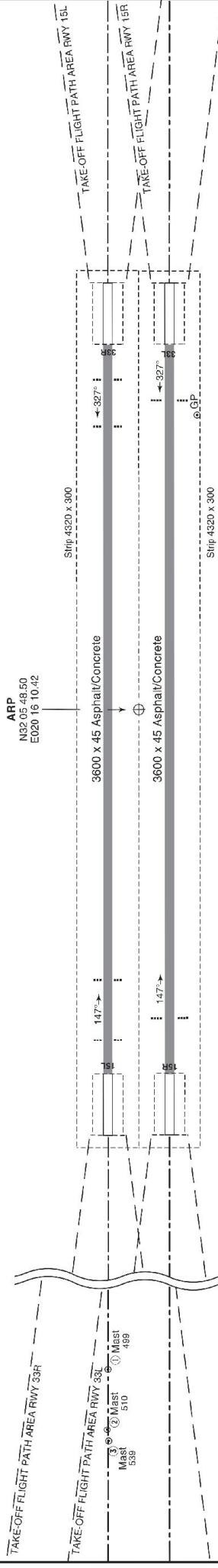
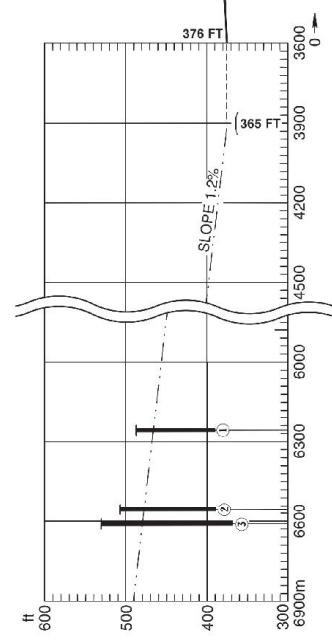
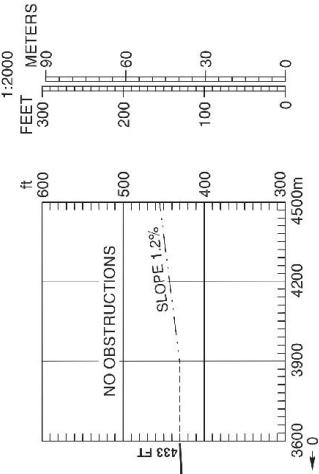


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AERODROME OBSTACLE CHART-ICAO
TYPE A (OPERATING LIMITATIONS)BENGHAZI, LIBYA
Benina IntlDISTANCES IN METERS, ELEVATIONS IN FEET
MAGNETIC VARIATION 3° E, 2012

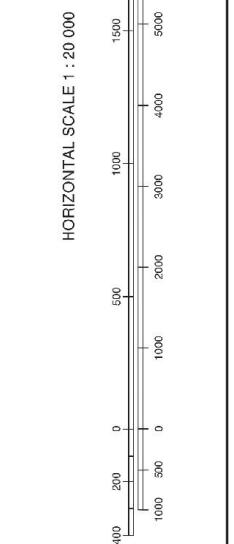
RWY 15 L/R - 33 L/R

DECLARED DISTANCES	
RWY 15 L/R	RWY 33 L/R
3600	TAKE-OFF RUN AVAILABLE
3900	TAKE-OFF DISTANCE AVAILABLE
3900	ACCELERATE STOP DISTANCE AVAILABLE
3600	LANDING DISTANCE AVAILABLE



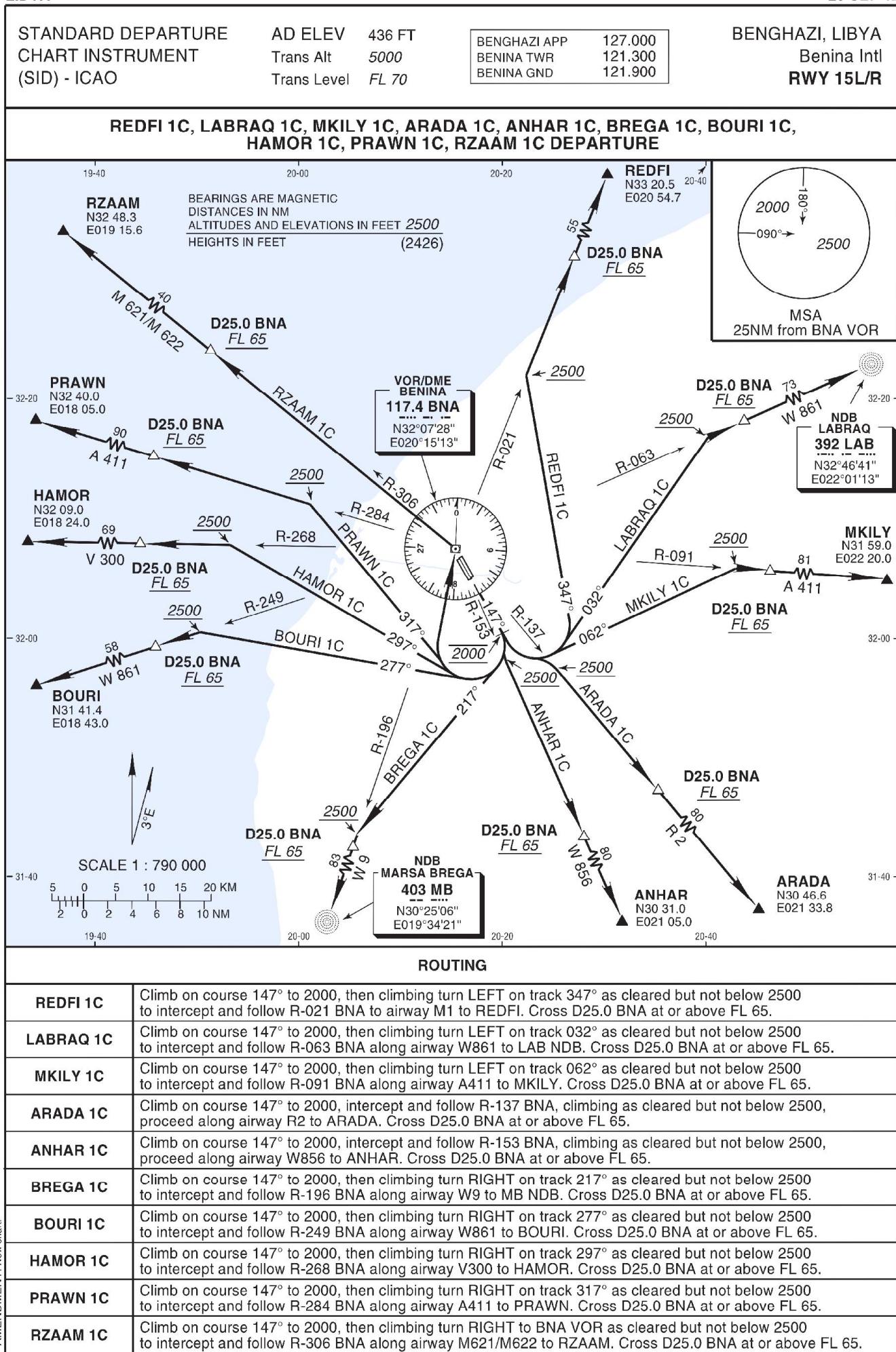
AMENDMENT RECORD		
No.	Date	Entered by

AMENDMENT: New edition.

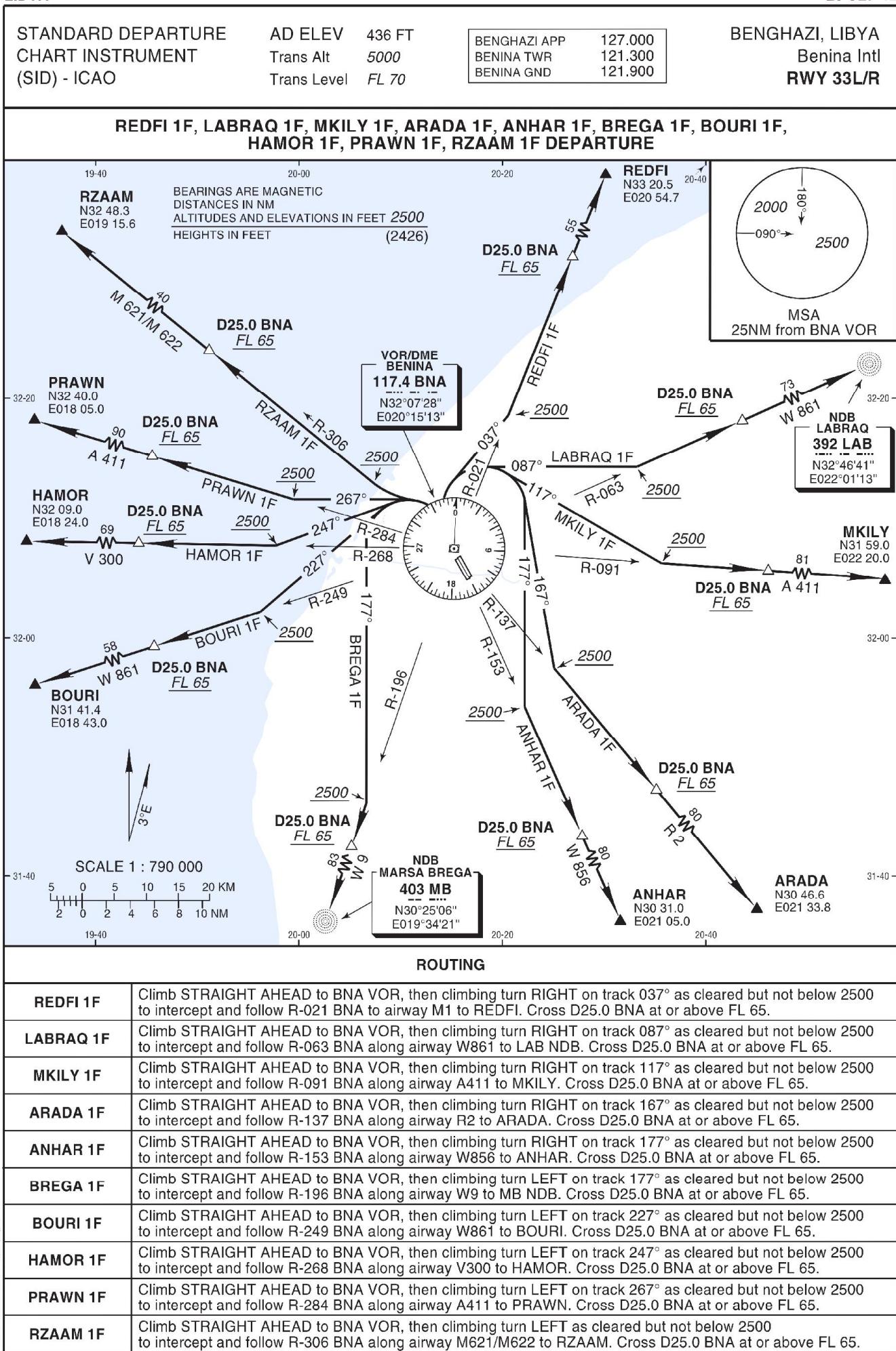


LEGEND	PLAN	PROFILE
IDENTIFICATION NUMBER	(1)	
GROUND LEVEL	▲	
POLE, TOWER, SPIRE, ANTENNA, ETC.	◎	
TREE	*	
MOBILE	○=	—

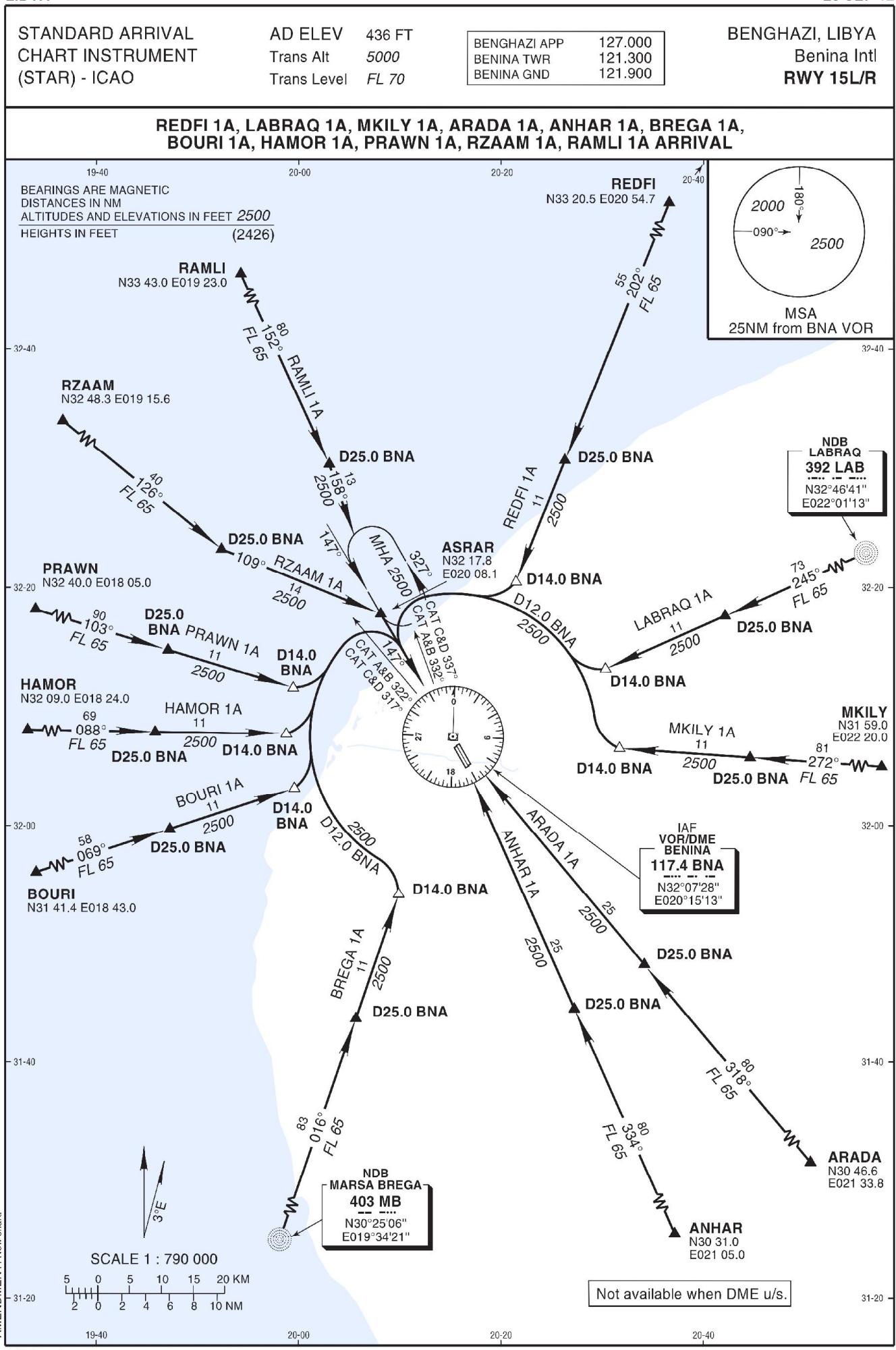
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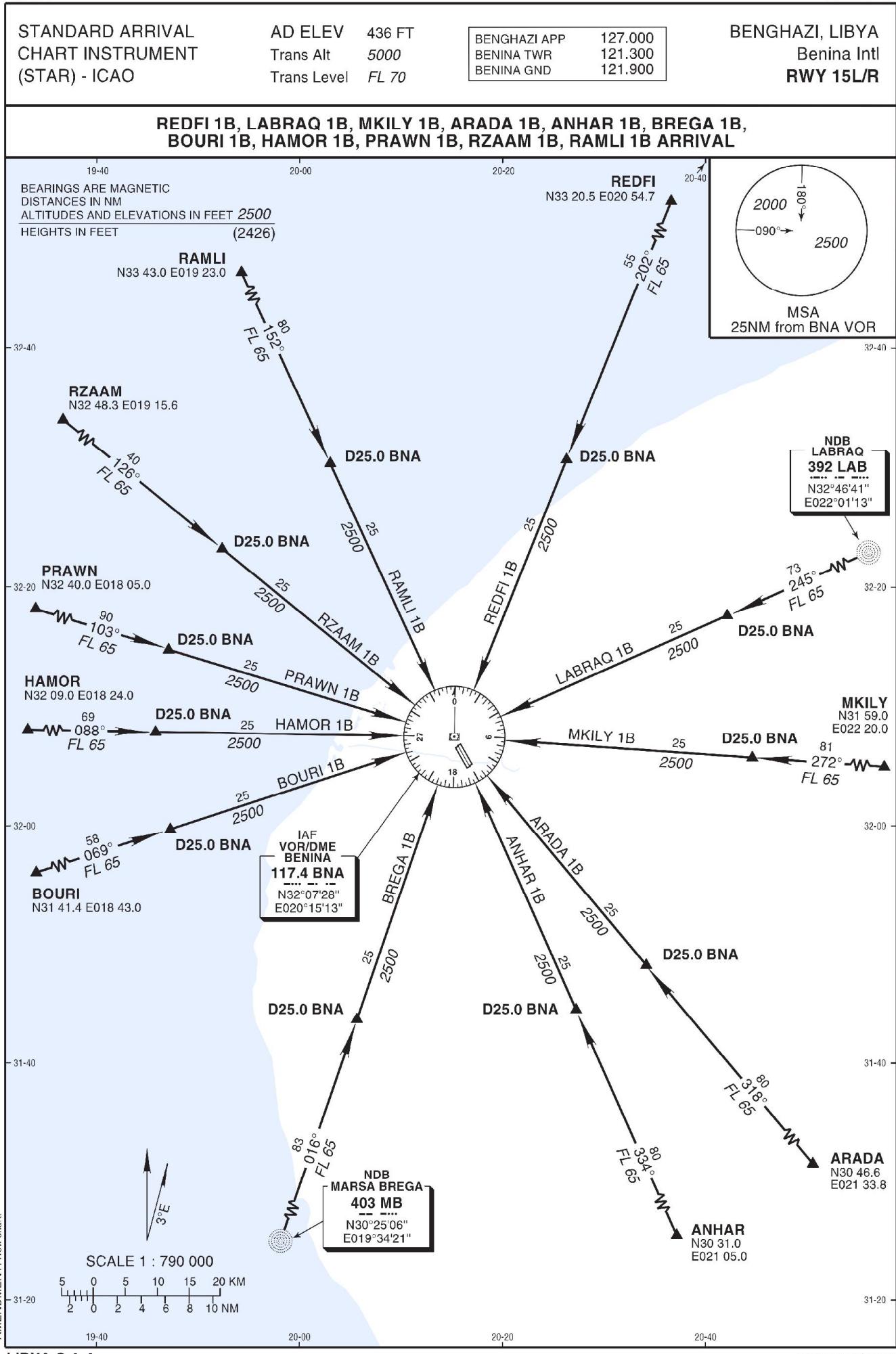
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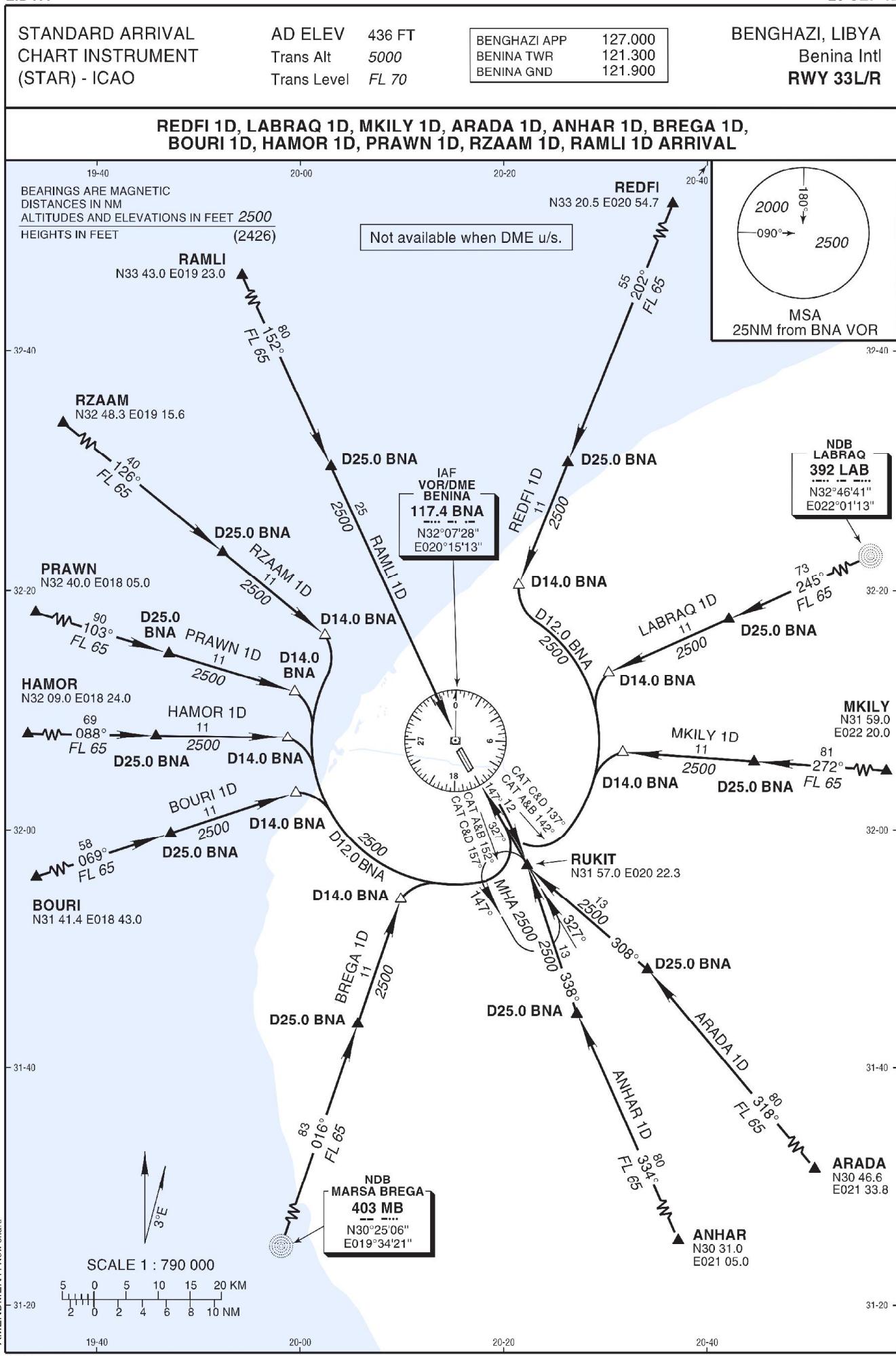
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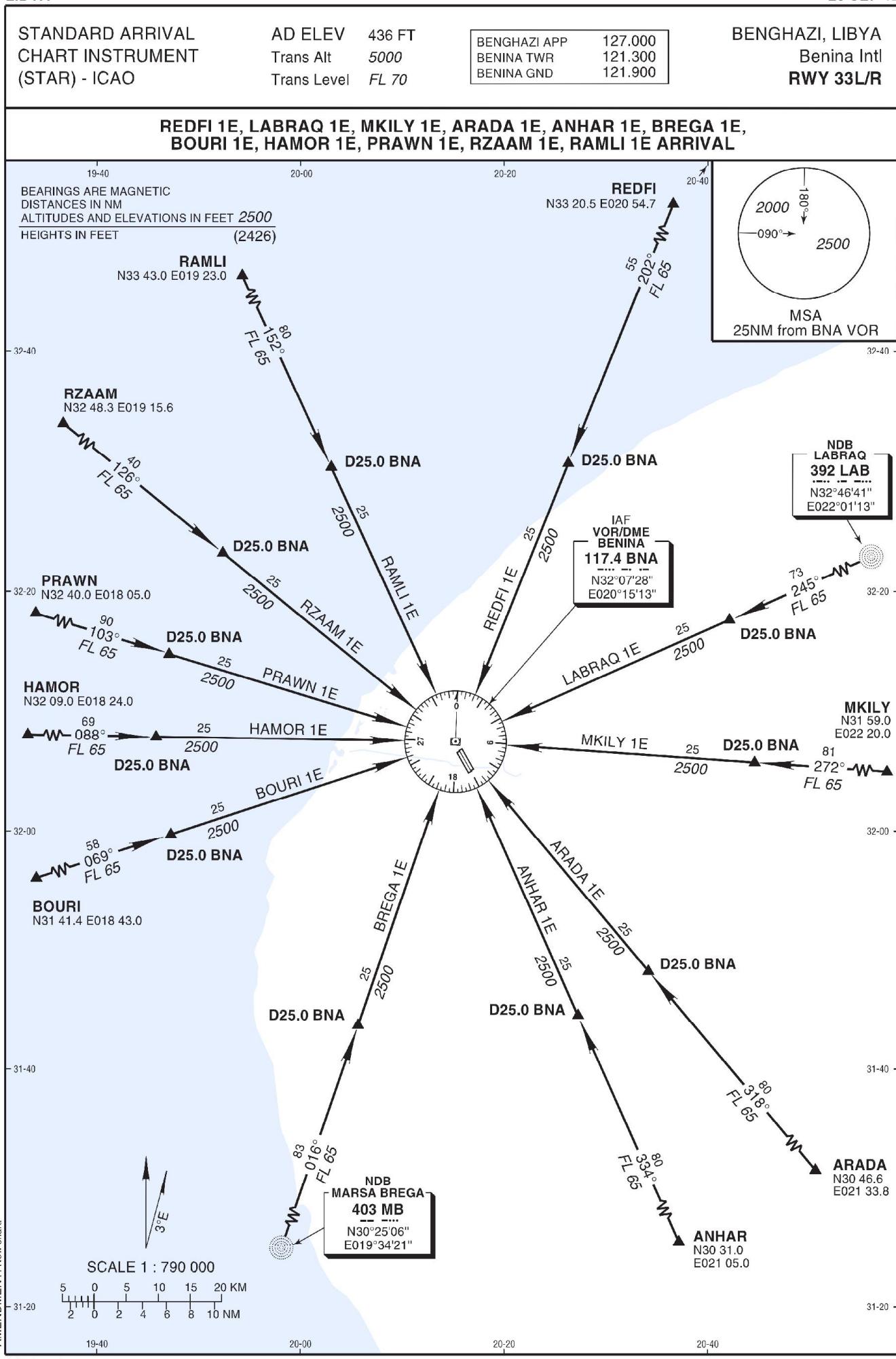
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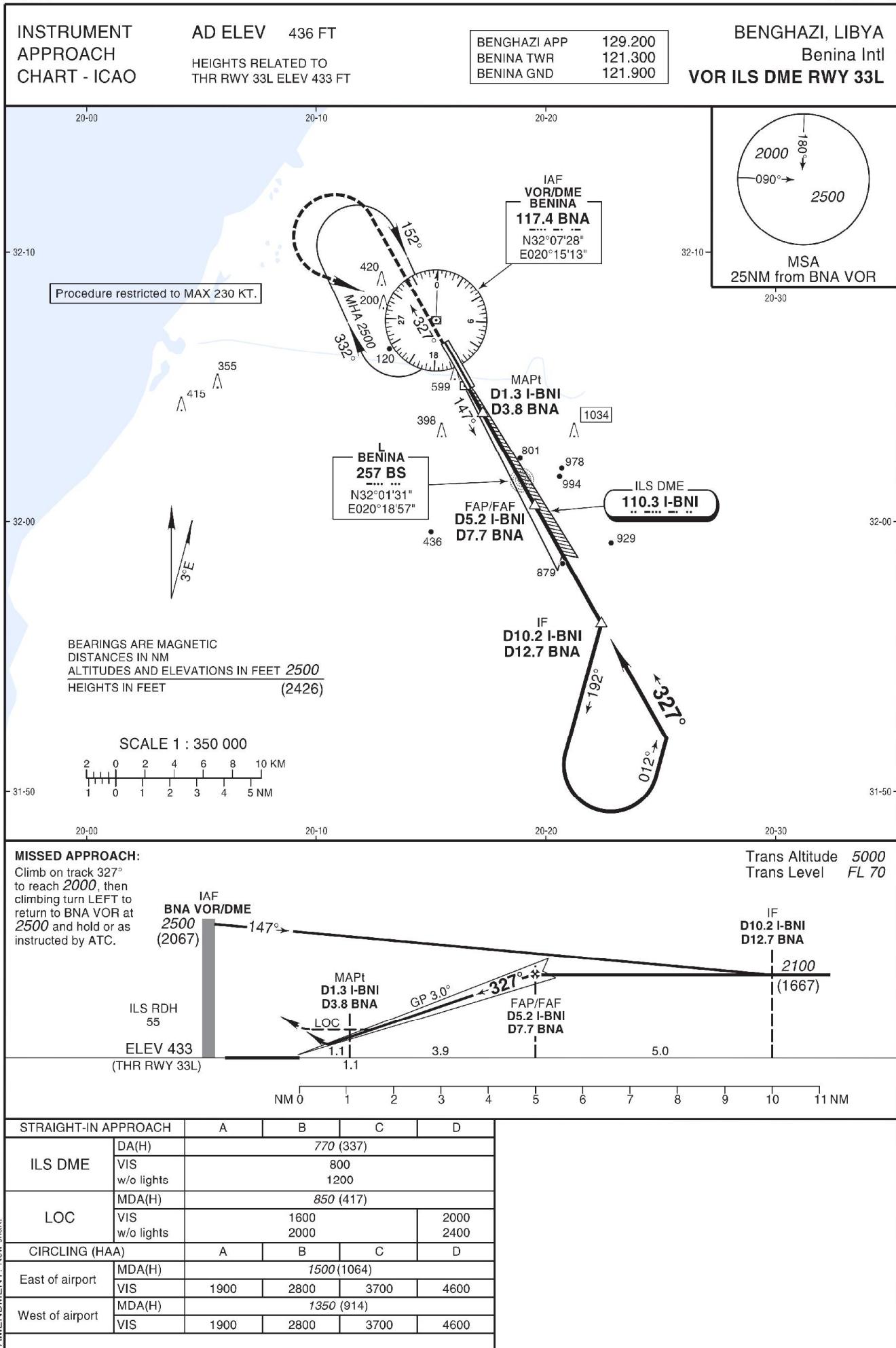
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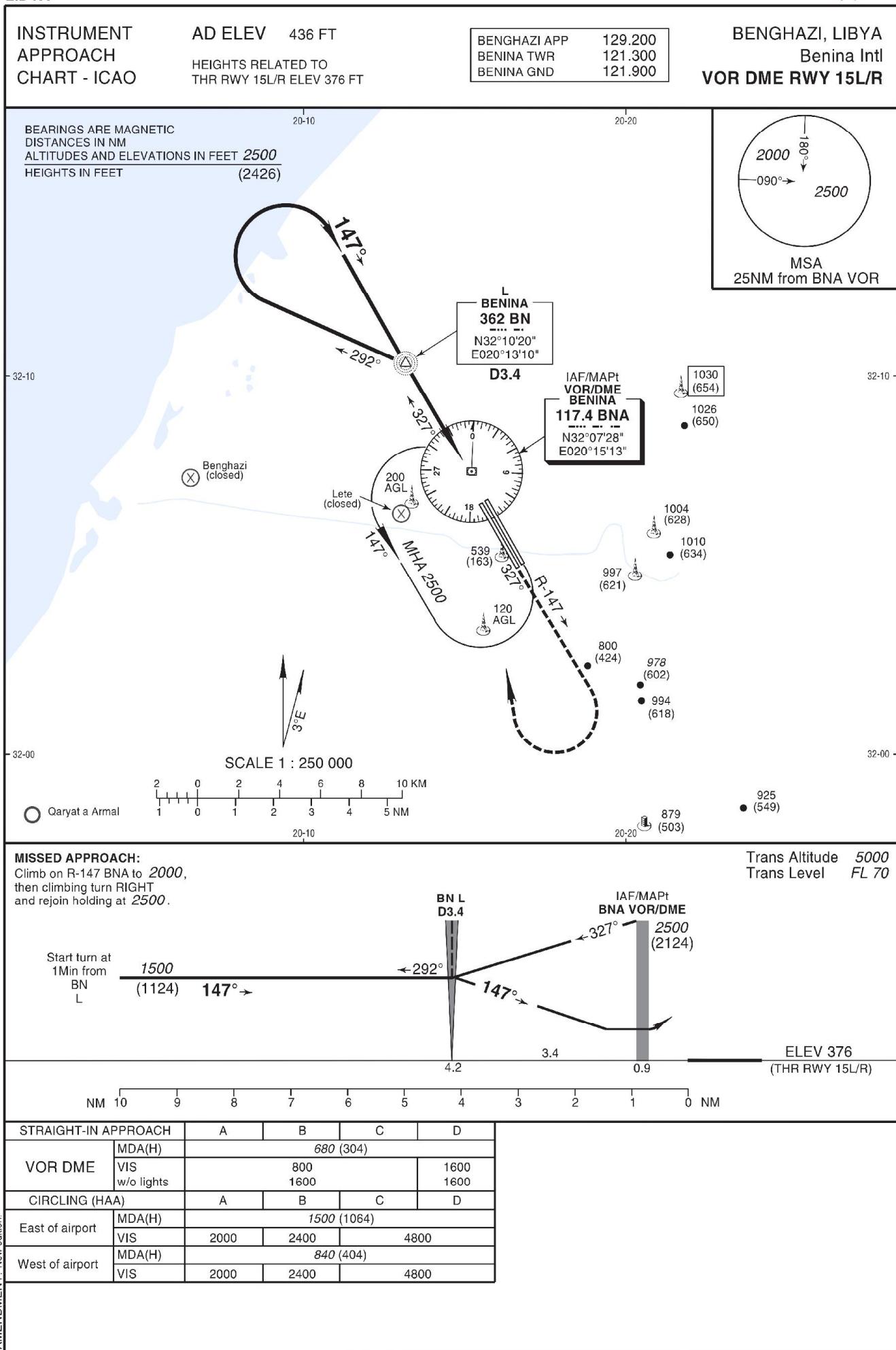
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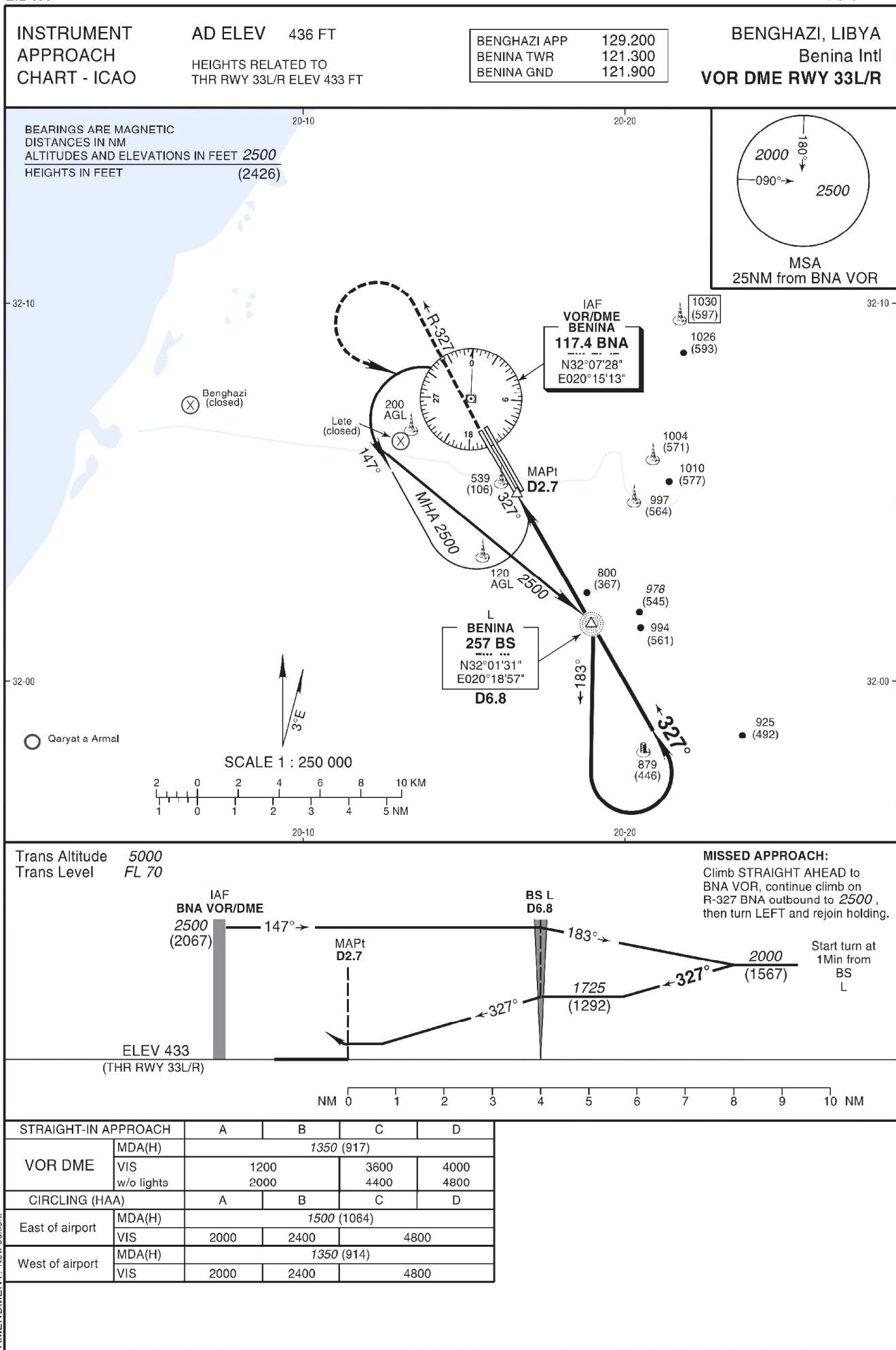
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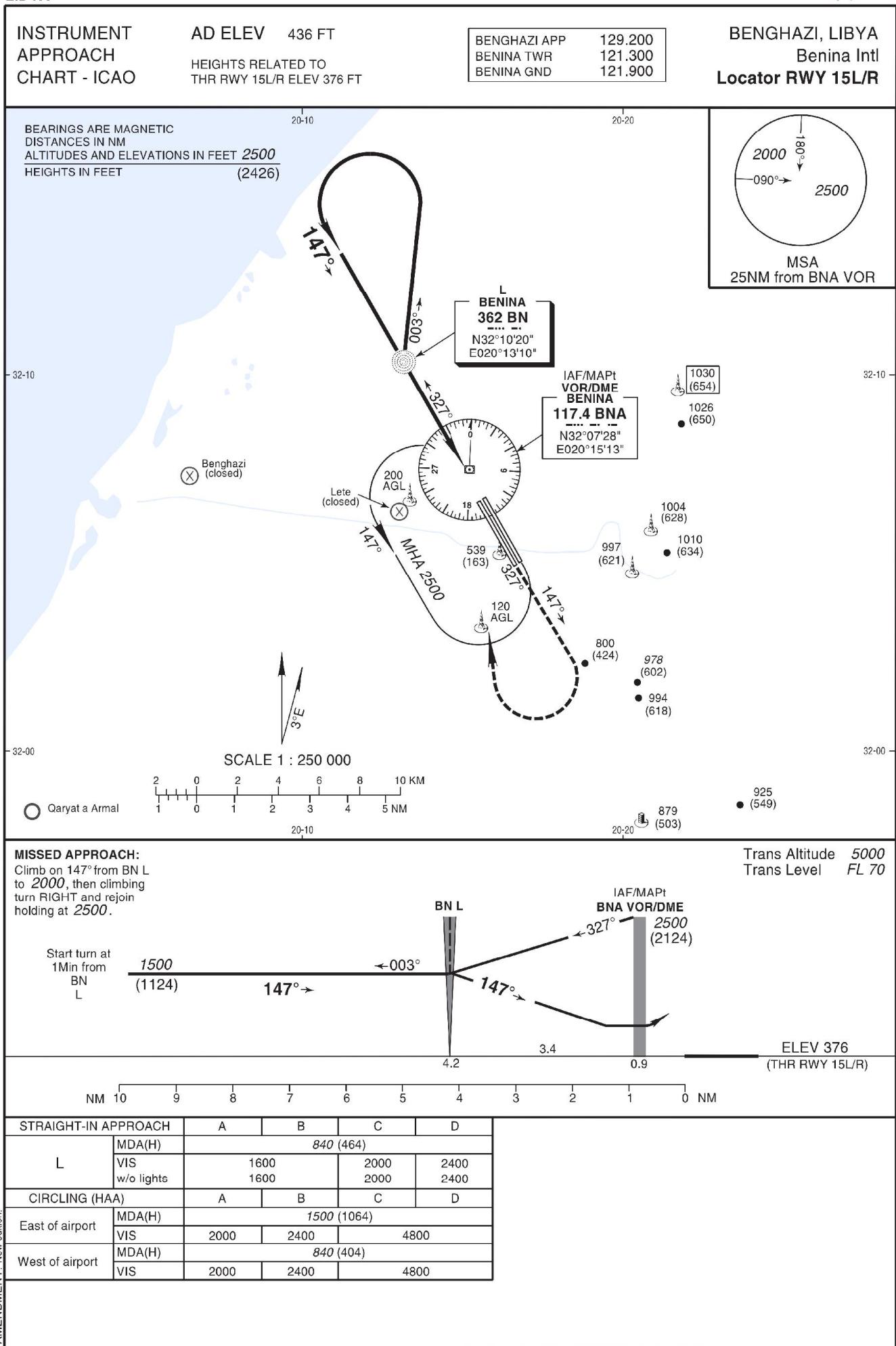
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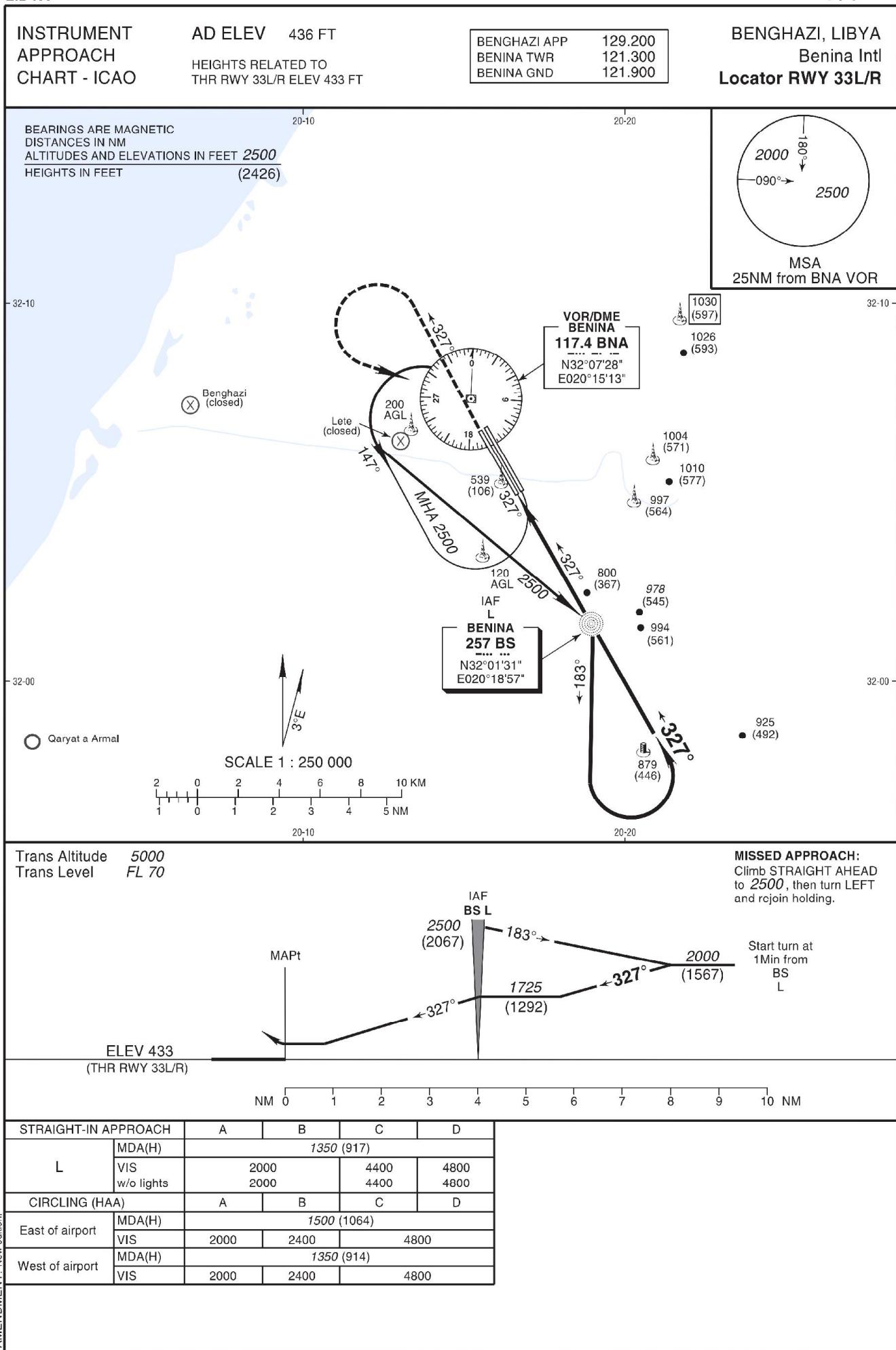
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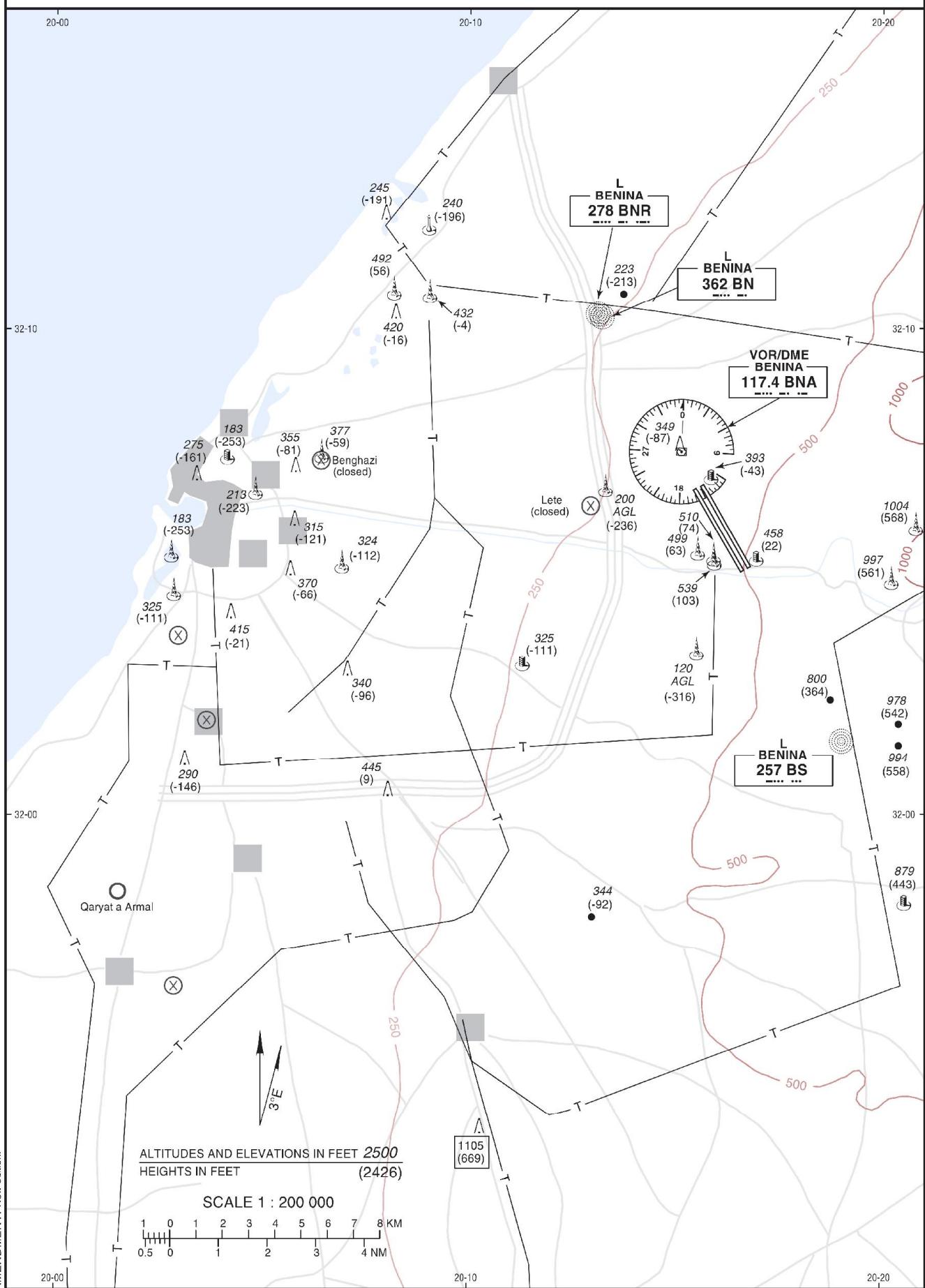
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VISUAL APPROACH
CHART - ICAO

WGS-84 AD ELEV 436 FT

BENGHAZI APP 129.200
BENINA TWR 121.300
BENINA GND 121.900BENGHAZI, LIBYA
Benina Intl

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