OEYN AD 2.1 AERODROME LOCATION INDICATOR AND NAME

OEYN - YENBO / Prince Abdulmohsin bin Abdulaziz (Regional)

OEYN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	240839N 0380349E
2	Direction and distance from (city)	7.2 KM
3	Elevation/Reference temperature	44 FT/37°C
4	Geoid undulation at AD ELEV PSN	27 FT
5	MAG VAR/Annual change	4°E (2015) / 0.07 Increasing
6	AD Administration, address, telephone, telefax, telex, AFS	GENERAL AUTHORITY OF CIVIL AVIATION Prince Abdul Mohsin bin Abdul Aziz Airport Saudi Arabia TEL: +966 14 3228800 FAX: +966 14 3224734 Telex: 661165 MATYNB SJ
7	Types of traffic permitted (IFR/VFR)	IFR and VFR
8	Remarks	Controlled AD. AP is open for regional INTL OPS.

OEYN AD 2.3 OPERATIONAL HOURS

1	AD Administration	HS SUN -THU 05:00 - 13:00 (0800-1600 LMT)
2	Customs and immigration	H24
3	Health and sanitation	H24
4	AIS Briefing Office	NIL
5	ATS Reporting Office (ARO)	NIL
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	H24
9	Handling	H24
10	Security	H24
11	De-icing	NIL
12	Remarks	Operational hours H24

OEYN AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	HO - Saudia Airlines
2	Fuel/oil types	Fuel: JET A1/ -
3	Fuelling facilities/capacity	Tankers - Delivery rate variable
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

OEYN AD 2.5 PASSENGER FACILITIES

1	Hotels	In the city
2	Restaurants	3 Snack Bars
3	Transportation	Limousine and Rent Cars
4	Medical facilities	First aid .
5	Bank and Post Office	ATM only .
6	Tourist Office	Altayar travel and tourisms .
7	Remarks	NIL

OEYN AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 7
2	Rescue equipment	Yes
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

OEYN AD 2.7 SEASONAL AVAILABILITY - CLEARING

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

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

1	Apron surface and strength	Surface: Concrete / Asphalt Strength: 57/R/B/W/T
2	Taxiway width, surface and strength	Width: 23 M Surface: Asphalt Strength: 57/F/A/W/T
3	Altimeter checkpoint location and elevation	NIL
4	VOR checkpoints	NIL
5	INS checkpoints	NIL
6	Remarks	NIL

OEYN 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	AUTO docking system for two stands Apron Navigational Marking.
2	RWY and TWY markings and LGT	RWY Marking: CL, Side Stripe, ID, THR, TDZ, pre threshold RWY Lighting: Edge, Runway end and Threshold TWY Marking: Edge, CL, Holding position TWY Lighting: Edge, Guidance sign
3	Stop bars	NIL
4	Remarks	NIL

OEYN 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	Coordinates	Obstacle type Elevation Markings/LGT	Coordinates	
a	b	c	a	b	
10	ANNTENA 221 FT MARKED/LGT	2 KM RDL 260	-	-	NIL

OEYN AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Yenbo MET Office
2	Hours of service MET Office outside hours	H24 NIL
3	Office responsible for TAF preparation Periods of validity	Jeddah central forecast office (CFO) (TAF periods of validity H30). TEL: +966 12 6532173 and +966 12 6532197 FAX: +966 12 6530197
4	Trend forecast Interval of issuance	NIL
5	Briefing/consultation provided	NIL
6	Flight documentation Language(s) used	NIL
7	Charts and other information available for briefing or consultation	NIL
8	Supplementary equipment available for providing information	Auto weather station
9	ATS units provided with information	Yanbo Tower
10	Additional information (limitation of service, etc.)	TEL: +966 14 3222218 Jeddah (CFO) TEL: +966 12 6532173 & +966 12 6532197 FAX: +966 12 6530197

METEOROLOGICAL DATA												
MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURES (C)												
TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MAXIMUM	27.1	30	33	35.7	39.6	42.5	40.8	40.8	40.7	36.4	34.1	29.7
MINIMUM	14.4	16.3	20.5	22.8	24.6	26.7	27.9	28.9	27.4	24.5	19.5	16.3
MEAN PRESSURE IN HECTOPASCALS (HPA) FOR EACH MONTH												
	1014.5	1013.1	1008.6	1007	1005.4	1002.2	1000.9	1001.5	1003.4	1007.3	1011	1013.4

OEYN AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE & MAG BRG	Dimensions of RWY(M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
10	103° GEO 100° MAG	3212 x 45	57/F/A/W/T Asphalt	240850.97N 0380253.39E	THR: 31 FT TDZ: Not available
28	283° GEO 280° MAG	3212 x 45	57/F/A/W/T Asphalt	240827.11N 0380444.13E	THR: 43.6 FT TDZ: Not available

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.12% overall	60 x 45	300 x 45	NIL	NIL	NIL
0.30% max	60 x 45	300 x 45	NIL	NIL	NIL

OEYN AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
10	3212	3512	3272	3212	NIL
28	3212	3512	3272	3212	NIL

OEYN 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 Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
10	Precision CAT I 900 M LIH	Green	PAPI 3° Both side	NIL	NIL	3212 M 60 M White LIH	Red	NIL	NIL
28	Precision CAT I 900 M LIH	Green	PAPI 3° Both side	NIL	NIL	3212 M 60 M White LIH	Red	NIL	NIL

OEYN AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and operational hours	On ATC TWR ALTN G and W SS-SR and periods of low visibility
2	LDI location and LGT Anemometer location and LGT	LDI: NIL WDI: LGTD, 160M S of RWY CL 250M of TWY CL
3	TWY edge and centre line lighting	NIL
4	Secondary power supply/switch-over time	10 SEC
5	Remarks	NIL

OEYN AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO Geoid undulation	NIL
2	TLOF and/or FATO elevation M/FT	NIL
3	TLOF and FATO area dimensions, surface, strength, marking	NIL
4	True BRG of FATO	NIL
5	Declared distance available	NIL
6	APP and FATO lighting	NIL
7	Remarks	NIL

OEYN AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	CTR: Circle radius 10 NM centered on 240839N 0380349E
2	Vertical limits	SFC to 3500 FT AGL
3	Airspace classification	D
4	ATS unit call sign Language(s)	Yanbo Tower English and Arabic
5	Transition altitude	13000 FT
6	Remarks	NIL

OEYN AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Yanbo Tower	118.100 MHZ DOC10 NM/3500 FT	H24	
		312.700 MHZ DOC 10 NM/3500 FT	H24	UHF MIL
		121.500 MHZ	H24	Emergency VHF
		243.000 MHZ	H24	Emergency MIL
SMC	Yenbo Ground Control	121.900 MHZ DOC 5 NM/GND	H24	
		364.200 MHZ DOC 5 NM/GND	H24	UHF MIL
ATIS		127.450 MHZ DOC 60 NM/20000 FT	H24	
D-ATIS			H24	D-ATIS service is available through SITA network on request

OEYN 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	YEN	112.900 MHZ CH 76X	H24	240858.3N 0380219.0E	100 FT	
LOC RWY 28 ILS CAT I	IYEN	111.500 MHZ	H24	240853.2N 0380242.9E		
GP		332.900 MHZ	H24	240833.3N 0380434.2E		GPA 3° RDH 55 FT
DME	IYEN		H24	240833.3N 0380434.2E	50 FT	DME reads Zero at the DME antenna

OEYN AD 2.20 LOCAL TRAFFIC REGULATIONS

NIL

OEYN AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

OEYN AD 2.22 FLIGHT PROCEDURES

2.22.1 General

- Unless special permission has been obtained from Yenbo TWR as apropriate, flight within Yenbo CTR shall be in accordance with the instrument Flight Rules. See relevent Instrument Approach Charts.
- Yenbo CTR that is described OEYN AD 2.17.
- All aircraft operating within the Yenbo CTR shall reference altimeters to the officially reported QNH for Yenbo Airport when at or below the TA.

2.22.2 Procedures for IFR flight within Yenbo TMA

2.22.2.1 Reporting points

Reserved

2.22.2.2 Routing

Reserved

2.22.2.3 Holding procedures

The main holding is as follow:

YEN VOR/DME

Additional holding points associated with specific instrument approach procedures are detailed on the appropriate Instrument Approach Chart.

2.22.2.4 Arrival procedures

Reserved

2.22.2.5 Approach facilities

The following approach facilities are available at Yenbo Airport:

- ILS/DME
- VOR/DME

The associated instrument approach procedures can be found in the relevant Instument Approach Charts.

2.22.2.6 Yenbo Circuit directions

Reserved

2.22.2.7 Departure procedure

Reserved

2.22.3 ATC surveillance procedures within Yenbo TMA

Reserved

2.22.3.1 Radar vectoring and sequencing

Reserved

2.22.3.2 Precision radar approaches

Reserved

2.22.3.3 Surveillanceradar approach

Reserved

2.22.4 Communications

- The following air/ground facilities are available:

Tower	Main	118.100 MHZ
Ground	GND Main	121.900 MHZ

- ATIS broadcast is available on 127.450 MHZ
- Inbound traffic to or overflying Yenbo should contact Yenbo approach/Tower control befor entring the Yenbo CTR.

2.22.4.1 Communication failure

- Squawk 7600 mode A/3
- Follow COM faillure procedure on **ENR 1.6**

2.22.5 Radar Services

Reserved

2.22.6 Separations

Reserved

2.22.7 Low visibility procedures

Reserved

2.22.8 Procedures for VFR flight within Yenbo TMA

Reserved

2.22.9 Procedures for VFR flights within Yenbo CTR

South Gate Almujjiz crude oil terminal - Saudi Aramco	234905.68N 0382448.33E	R134 from YEN 28.6 NM
North Gate Alnajef	241421.56N 0375818.38E	R328 from YEN 6.5 NM

2.22.10 VFR routes within Yenbo CTR

Reserved

OEYN AD 2.23 ADDITIONAL INFORMATION

NIL

OEYN AD 2.24 CHARTS RELATED TO AN AERODROME

Chart name	Page
Aerodrome Chart - ICAO	AD 2-OEYN-9
Aircraft Parking/Docking Chart - ICAO	AD 2-OEYN-11
Instrument Approach Chart - ICAO (ILS or LOC RWY 28)	AD 2-OEYN-13
ILS or LOC RWY 28 (Aeronautical data tabulation)	AD 2-OEYN-14
Instrument Approach Chart - ICAO (VOR RWY 10)	AD 2-OEYN-15
VOR RWY 10 (Aeronautical data tabulation)	AD 2-OEYN-16
Instrument Approach Chart - ICAO (VOR RWY 28)	AD 2-OEYN-17
VOR RWY 28 (Aeronautical data tabulation)	AD 2-OEYN-18
Instrument Approach Chart - ICAO (RNP RWY 10)	AD 2-OEYN-19
RNP RWY 10 (Aeronautical data tabulation)	AD 2-OEYN-20
Instrument Approach Chart - ICAO (RNP RWY 28)	AD 2-OEYN-21
RNP RWY 28 (Aeronautical data tabulation)	AD 2-OEYN-22

AERODROME CHART - ICAO

24°08'39"N
038°03'49"E

ELEV 44

TWR:	118.1
ATIS:	127.45
SMC:	121.9

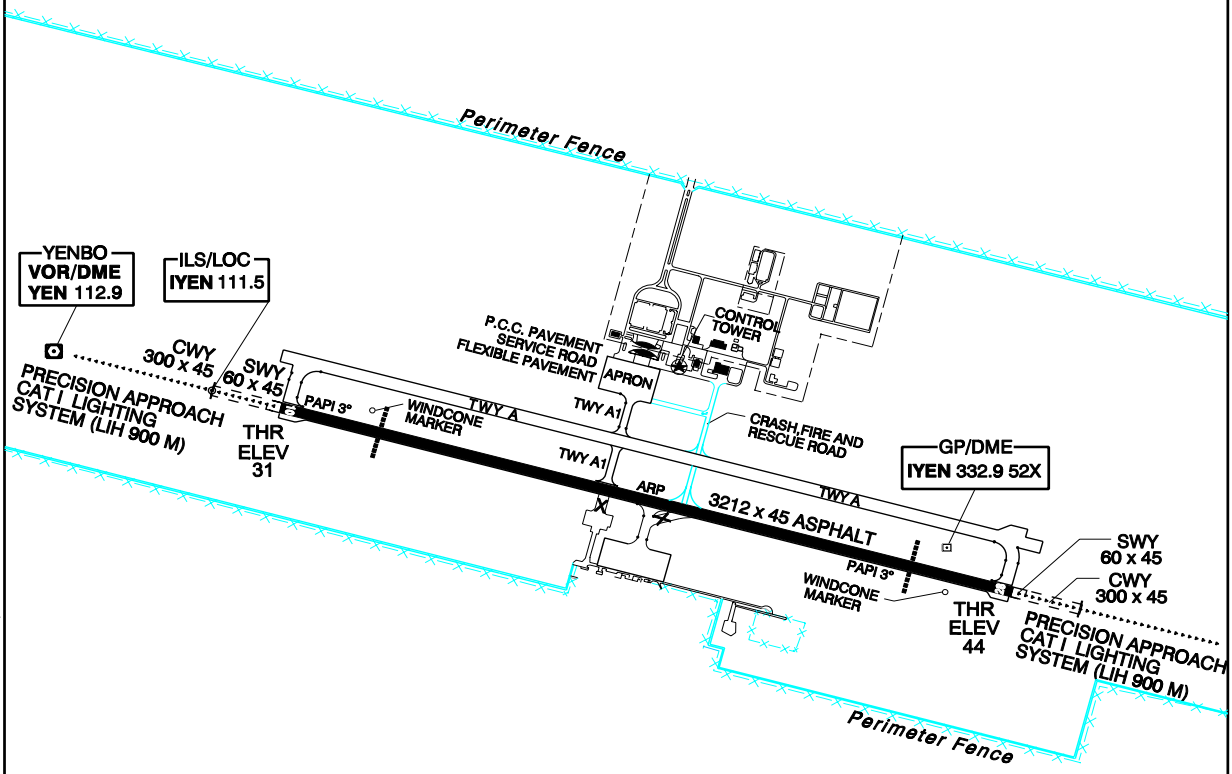
YENBO / Prince Abdul Mohsin Bin Abdul Aziz

RWY	DIRECTION	THR	BEARING STRENGTH
10	100°	24°08'51"N 038°02'53"E	PCN 57/F/A/W/T ASPHALT
28	280°	24°08'27"N 038°04'44"E	

VAR 4° E 2015

ELEV, ALT IN FEET
DIMENSIONS IN METRES
BRG ARE MAG
ANNUAL RATE OF CHANGE 4'E

TAXIWAY 23 WIDE
TAXIWAY: ASPHALT PCN 57/F/A/W/T
APRON : ASPHALT/CONCRETE PCN 57/R/B/W/T



LEGEND	
SERVICE ROAD	
FENCE	
CLOSED	X

300 0 METRES 500 1000
1000 2000 1000 2000 3000
FEET

DECLARED DISTANCES

RWY	TORA	TODA	ASDA	LDA
10	3212	3512	3272	3212
28	3212	3512	3272	3212

CHANGE : THR ELEV RWY 10 changed to 31, THR ELEV RWY 28 changed to 44 & AD ELEV 44, MAG VAR revised

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AIRCRAFT PARKING / DOCKING CHART - ICAO

APRON ELEV

TWR:	118.1
ATIS:	127.45
SMC:	121.9

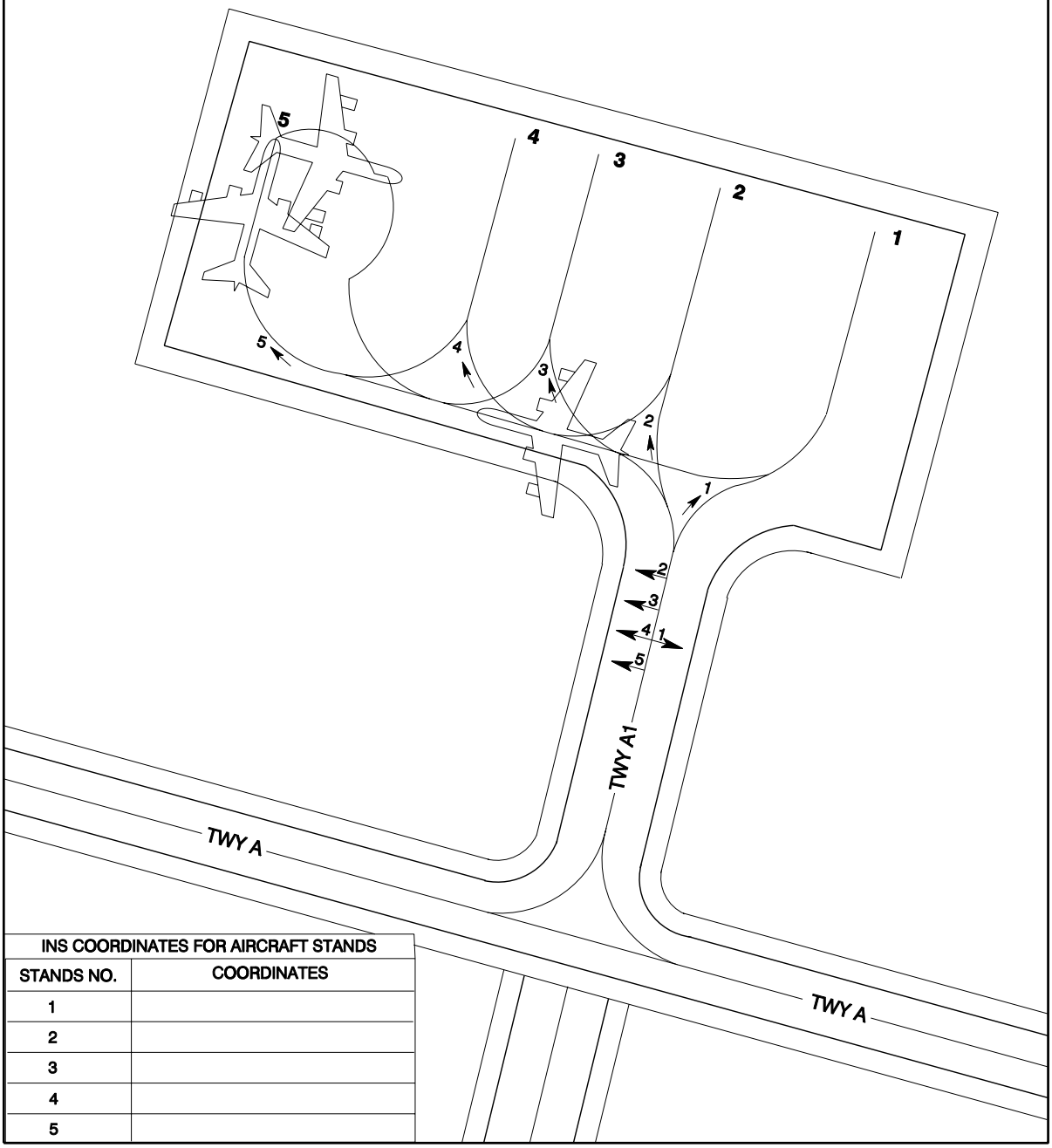
YENBO/ Prince Abdul Mohsin Bin Abdul Aziz

VAR 3° E 2010

ELEV IN FEET

NOTES:

1. PARALLEL TAXIWAY HAS A WIDTH OF 23M WITH 11M PAVED SHOULDERS ON EITHER SIDE WHEREAS LEAD-IN TAXIWAY HAS A WIDTH OF 36M WITH 10.5M PAVED SHOULDERS ON EITHER SIDE.
2. THE CIVIL APRON AT YENBO AIRPORT HAS A TOTAL OF FIVE (5) PARKING STANDS WITH FOUR (4) PARKING STANDS (PARKING STAND NO.1 TO 4) FOR CIVILIAN AIRCRAFT PARKING AND ONE STAND (PARKING STAND NO.5) EXCLUSIVELY FOR ROYAL/VIP PARKING.
3. ALL PARKING STANDS EXCEPT PARKING STAND NO.5 REQUIRE POWER-IN PUSH-OUT NOSE-IN OPERATIONS.
4. PARKING STAND NO.5 HAS A POWER-IN, POWER-OUT OPERATIONAL CAPABILITY. COMMERCIAL AIRCRAFTS ARE NOT ALLOWED TO PARK AT PARKING STAND NO.5 WITHOUT PRIOR APPROVAL FROM CONCERNED AUTHORITIES RESPONSIBLE FOR OEYN AIRPORT OPERATIONS.
5. PARKING STANDS ARE MARKED NUMERICALLY FROM 1 TO 5 EAST TO WEST.
6. PARKING STANDS NO.1 & 2 CAN ACCOMODATE ICAO AERODROME REFERENCE CODE "E"AND SMALLER AIRCRAFTS WITH THE MAXIMUM AIRCRAFT TYPE BEING BOEING B-777-300 ER IN TERMS OF LENGTH AND BOEING B-747-400 IN TERMS OF WINGSPAN.
7. PARKING STANDS 3 & 4 CAN ACCOMMODATE ICAO REFERENCE CODE "C" AND SMALLER AIRCRAFTS WITH THE MAXIMUM AIRCRAFT TYPE BEING AIRBUS A-321 IN TERMS OF LENGTH AND BOEING B-737-800 IN TERMS OF WINGSPAN.
8. PARKING STANDS 1 & 2 HAVE FOUR STOP BARS. THE FIRST STOP BARS IS MARKED FOR E-170/90 AND A-320 AIRCRAFTS, THE SECOND STOP BAR IS NOT MARKED FOR ANY AIRCRAFT, THE THIRD STOP BAR IS MARKED FOR MD90-30 AIRCRAFT AND THE FOURTH STOP BAR IS MARKED FOR B-747-400 AIRCRAFT.
9. PARKING STANDS 3 & 4 HAVE THREE STOP BARS. THE FIRST STOP BAR IS MARKED FOR E-170/190 AND A320 AIRCRAFTS, THE SECOND STOP BAR IS MARKED FOR B-737 AIRCRAFT AND THE THIRD STOP BAR CLOSEST TO THE TERMINAL IS MARKED FOR MD 90-30 AIRCRAFT.



CHANGE : *FREQ. Revised*

INS COORDINATES FOR AIRCRAFT STANDS

STANDS NO.	COORDINATES
1	
2	
3	
4	
5	

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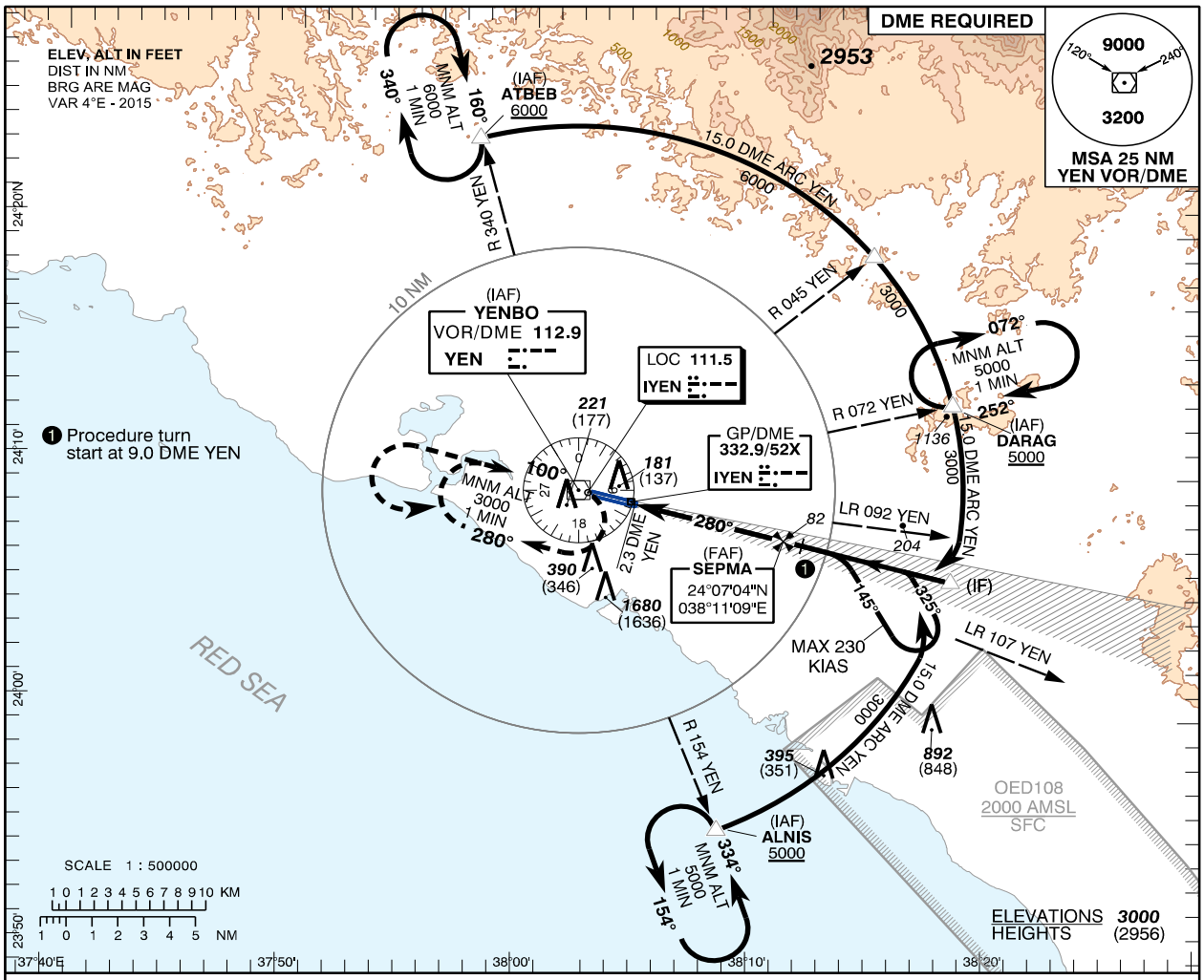
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 44 ft
HEIGHTS RELATED TO
THR RWY 28 - ELEV 44 ft

TWR : 118.1
SMC : 121.9
ATIS : 127.45

YENBO/Prince AbdulMohsin Bin Abdul Azlz (OEYN)

ILS or LOC RWY 28

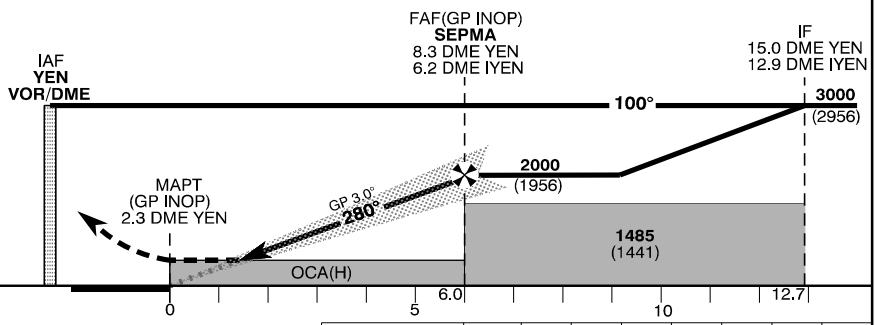


TRANSITION ALT 13000
TRANSITION LEVEL FL150

MISSED APPROACH

Climb on **RDL 280 YEN** to **1000 FT** then turn left direct to **YEN VOR/DME** climbing to **3000 FT** and hold.
No turn before MAPT
(MAX IAS 230 KIAS)

ILS RDH
THR ELEV 44

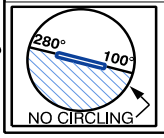


		ACFT CAT	A	B	C	D
Straight-in Approach	CAT I	OCA(H)	**244** (200)			
		RVR(m)	750			
	GP INOP	OCA(H)	**380** (336)			
		RVR(m)	800			
Circling		OCA(H)	**480** (436)	**540** (496)	**640** (596)	**740** (696)
		VIS(m)	1500	1600	2400	3600

GND SPEED	Knots	70	90	110	130	150	170	190
FAF-MAPT 5.9NM	min:s	**5:07**	**3:59**	**3:15**	**2:45**	**2:23**	**2:06**	**1:53**
Rate of Descent	ft/min	**371**	**478**	**584**	**690**	**796**	**902**	**1008**

DME YEN NM	8	7	6	5	4
ALT (HGT) 5.2% APCH	**1905**(1861)	**1589**(1545)	**1273**(1229)	**957**(913)	**641**(597)

DME IYEN NM	6	5	4	3	2	1
ALT (HGT) 3.0° APCH	**1952**(1908)	**1634**(1590)	**1316**(1272)	**997**(953)	**679**(635)	**360**(316)



- RVR/VIS RELATED TO CAT I MNM DA(H)
- CIRCLING NOT AUTHORIZED SOUTH OF THE RUNWAY

CHANGE : OED108 added and ALT of 15.0 DME ARC YEN and Profile revised.

Amdt :Original, 25 MAY 2017

ICAO PANS OPS

YENBO/Prince AbdulMohsin Bin Abdul Azlz (OEYN)

ILS or LOC RWY 28

AERONAUTICAL DATA TABULATION

ILS or LOC approach to RWY 28 from YEN VOR/DME	
Fix/point	**Coordinates**
ATBEB (IAF) - RDL 340/15.0 DME YEN	24°23'24.4"N 037°57'40.6"E
DARAG (IAF) - RDL 072/15.0 DME YEN	24°12'50.4"N 038°18'10.1"E
ALNIS (IAF) - RDL 154/15.0 DME YEN	23°55'04.6"N 038°08'36.6"E
IF 15.0 DME YEN	24°05'31.8"N 038°18'16.7"E
SEPMA (FAF) - 8.3 DME YEN	24°07'03.9"N 038°11'09.3"E
SDF - RDL 045/15.0 DME YEN	24°18'54.9"N 038°14'38.0"E
MAPT - 2.3 DME YEN	24°08'27.1"N 038°04'44.1"E
IYEN ILS/LOC	24°08'53.2"N 038°02'42.9"E
IYEN ILS GP/DME	24°08'33.3"N 038°04'34.2"E
YEN VOR/DME (MAHF) - (IAF)	24°08'58.3"N 038°02'19.0"E
THR RWY 28	24°08'27.11"N 038°04'44.13"E

Amdt : *Original, 25 MAY 2017* **CHANGE** : *Minor*

ICAO PANS OPS

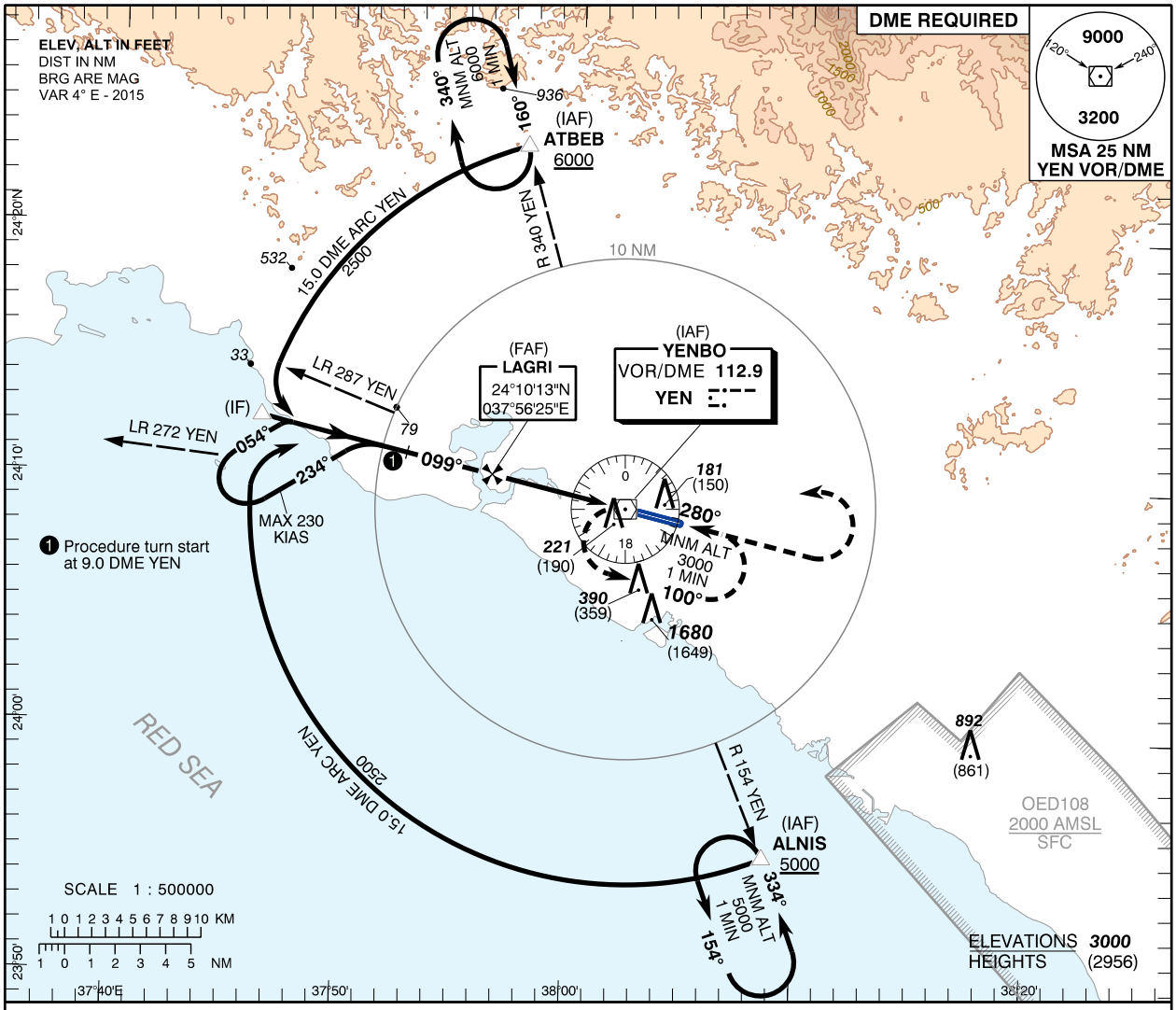
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 44 ft
HEIGHTS RELATED TO
THR RWY 10 - ELEV 31 ft

TWR : 118.1
SMC : 121.9
ATIS : 127.45

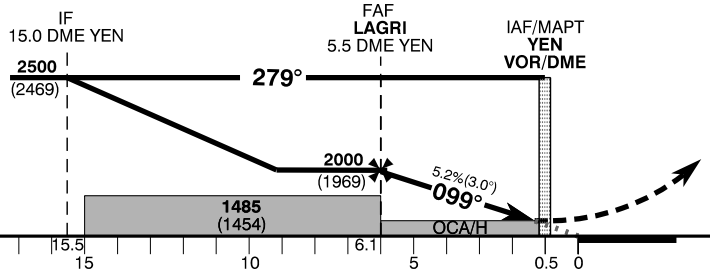
YENBO/Prince Abdulmohsin Bin Abdulaziz (OEYN)

VOR RWY 10



TRANSITION ALT 13000
TRANSITION LEVEL FL150

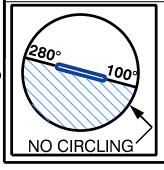
MISSED APPROACH
Climb on **RDL 099 YEN** to **1000 FT** then turn left direct to **YEN VOR/DME** climbing to **3000 FT** and hold.
No turn before MAPT
(MAX IAS 230 KIAS)



		ACFT CAT	A	B	C	D
Straight-in Approach	VOR	OCA(H)	450 (419)			
		RVR(m)	1200			
Circling		OCA(H)	480 (436)	540 (496)	640 (596)	740 (696)
		VIS(m)	1500	1600	2400	3600

GND SPEED	Knots	70	90	110	130	150	170	190
FAF-MAPT 5.5 NM	min:s	4:44	3:41	3:01	2:33	2:13	1:57	1:45
Rate of Descent	ft/min	369	474	579	685	790	895	1000

DME YEN NM	5	4	3	2
ALT (HGT) 5.2% APCH	1513 (1469)	1197 (1153)	881 (837)	565 (521)



CIRCLING NOT AUTHORIZED SOUTH OF THE RUNWAY
RVR/VIS RELATED TO MDA(H) = OCA(H)

CHANGE : *OED108 added*

Amdt : *Original, 25 MAY 2017*

ICAO PANS OPS

YENBO/Prince Abdulmohsin Bin Abdulaziz (OEYN)

VOR RWY 10 **AERONAUTICAL DATA TABULATION**

VOR approach to RWY 10 from YEN VOR/DME	
Fix/point	**Coordinates**
ATBEB (IAF) - RDL 340/15.0 DME YEN	24°23'24.4"N 037°57'40.6"E
ALNIS (IAF) - RDL 154/15.0 DME YEN	23°55'04.6"N 038°08'36.6"E
IF - 15.0 DME YEN	24°12'21.4"N 037°46'20.0"E
LAGRI (FAF) - 5.5 DME YEN	24°10'13.4"N 037°56'25.2"E
YEN VOR/DME (MAHF) - (MAPT/IAF)	24°08'58.3"N 038°02'19.0"E
THR RWY 10	24°08'50.97"N 038°02'53.39"E

Amdt : *Original, 25 MAY 2017* **CHANGE** :Minor

ICAO PANS OPS

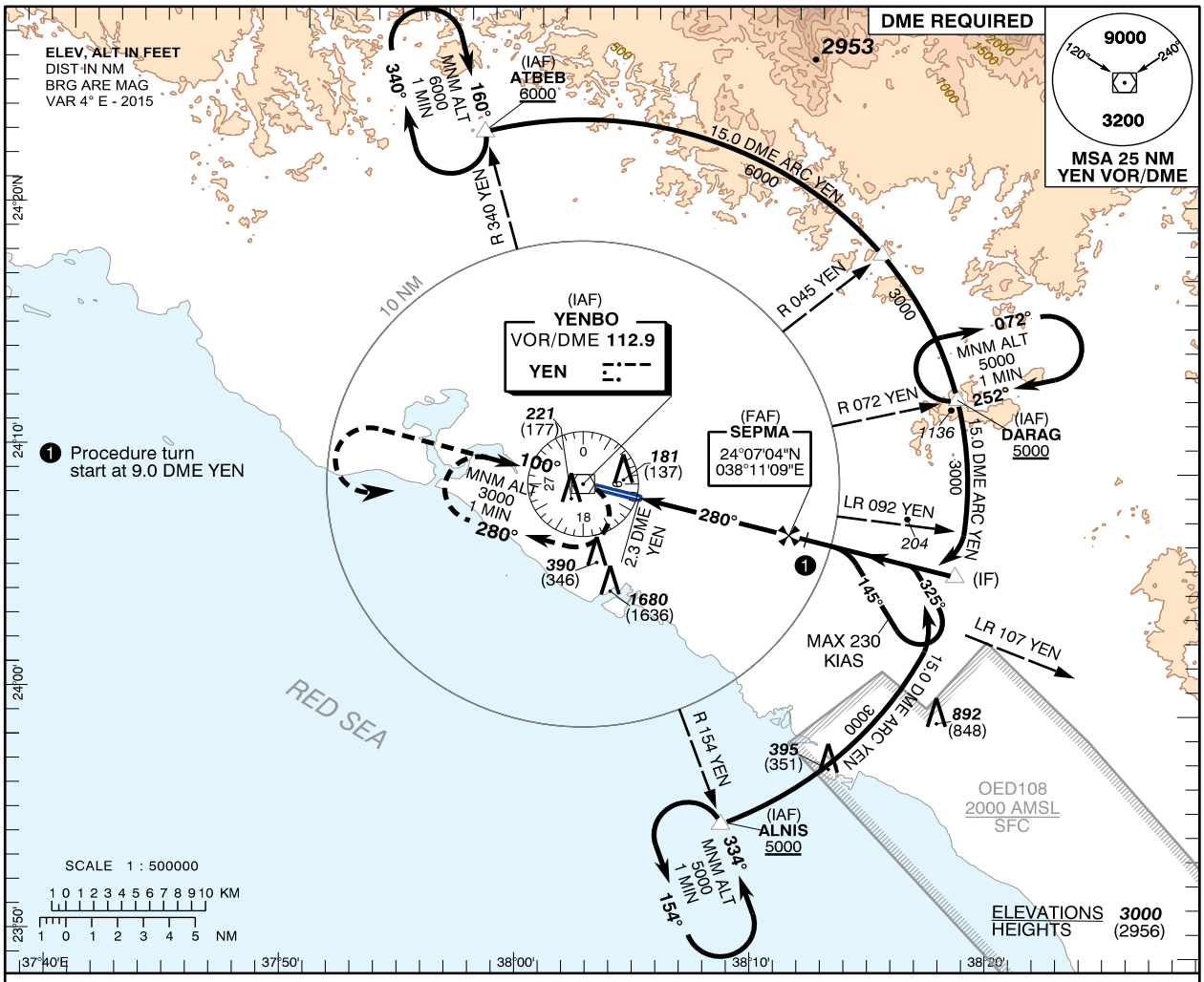
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 44 ft
HEIGHTS RELATED TO
AD ELEV - 44 ft

TWR : 118.1
SMC : 121.9
ATIS : 127.45

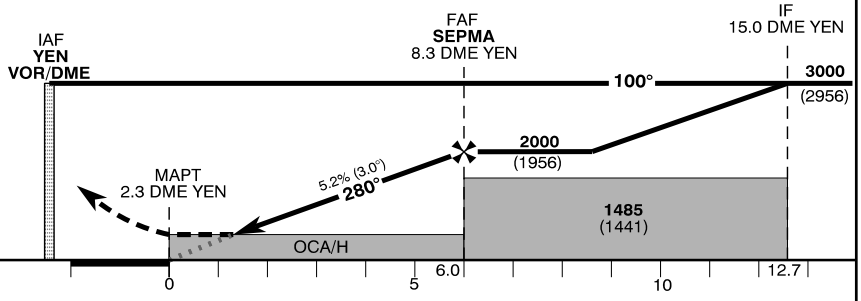
YENBO/Prince Abdulmohsin Bin Abdulaziz (OEYN)

VOR RWY 28



TRANSITION ALT 13000
TRANSITION LEVEL FL150

MISSED APPROACH
Climb on **RDL 280 YEN** to **1000 FT** then turn left direct to **YEN VOR/DME** climbing to **3000 FT** and hold.
No turn before MAPT
(MAX IAS 230 KIAS)



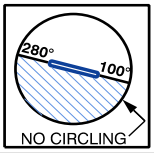
THR ELEV 44

NM to/from **THR RWY 28**

		ACFT CAT	A	B	C	D
Straight-in Approach	VOR	OCA(H)	**430** (386)			
		RVR(m)	1100			
Circling		OCA(H)	**480** (436)	**540** (496)	**640** (596)	**740** (696)
		VIS(m)	1500	1600	2400	3600

GND SPEED	Knots	70	90	110	130	150	170	190
FAF-MAPT 6.0 NM	min:s	**5:10**	**4:01**	**3:17**	**2:47**	**2:25**	**2:08**	**1:54**
Rate of Descent	ft/min	**369**	**474**	**579**	**685**	**790**	**895**	**1000**

DME YEN NM	8	7	6	5	4
ALT (HGT) 5.2% APCH	**1905**(1861)	**1589**(1545)	**1273**(1229)	**957**(913)	**641**(597)



CIRCLING NOT AUTHORIZED SOUTH OF THE RUNWAY
RVR/VIS RELATED TO MDA(H) = OCA(H)

CHANGE : *OED108 added and ALT of 15.0 DME ARC YEN and Profile revised.*

Amdt : *Original, 25 MAY 2017*

ICAO PANS OPS

YENBO/Prince Abdulmohsin Bin Abdulaziz (OEYN)

VOR RWY 28 **AERONAUTICAL DATA TABULATION**

VOR approach to RWY 28 from YEN VOR/DME		
Fix/point	**Coordinates**	
ATBEB (IAF) - RDL 340/15.0 DME YEN	24°23'24.4"N	037°57'40.6"E
DARAG (IAF) - RDL 072/15.0 DME YEN	24°12'50.4"N	038°18'10.1"E
ALNIS (IAF) - RDL 154/15.0 DME YEN	23°55'04.6"N	038°08'36.6"E
IF - 15.0 DME YEN	24°05'31.8"N	038°18'16.7"E
SEPMA (FAF) - 8.3 DME YEN	24°07'03.9"N	038°11'09.3"E
SDF - RDL 045/15.0 DME YEN	24°18'54.9"N	038°14'38.0"E
MAPT - 2.3 DME YEN	24°08'27.1"N	038°04'44.1"E
YEN VOR/DME (MAHF/IAF)	24°08'58.3"N	038°02'19.0"E
THR RWY 28	24°08'27.11"N	038°04'44.13"E

Amdt : *Original, 25 MAY 2017* **CHANGE :** *New edition*

ICAO PANS OPS

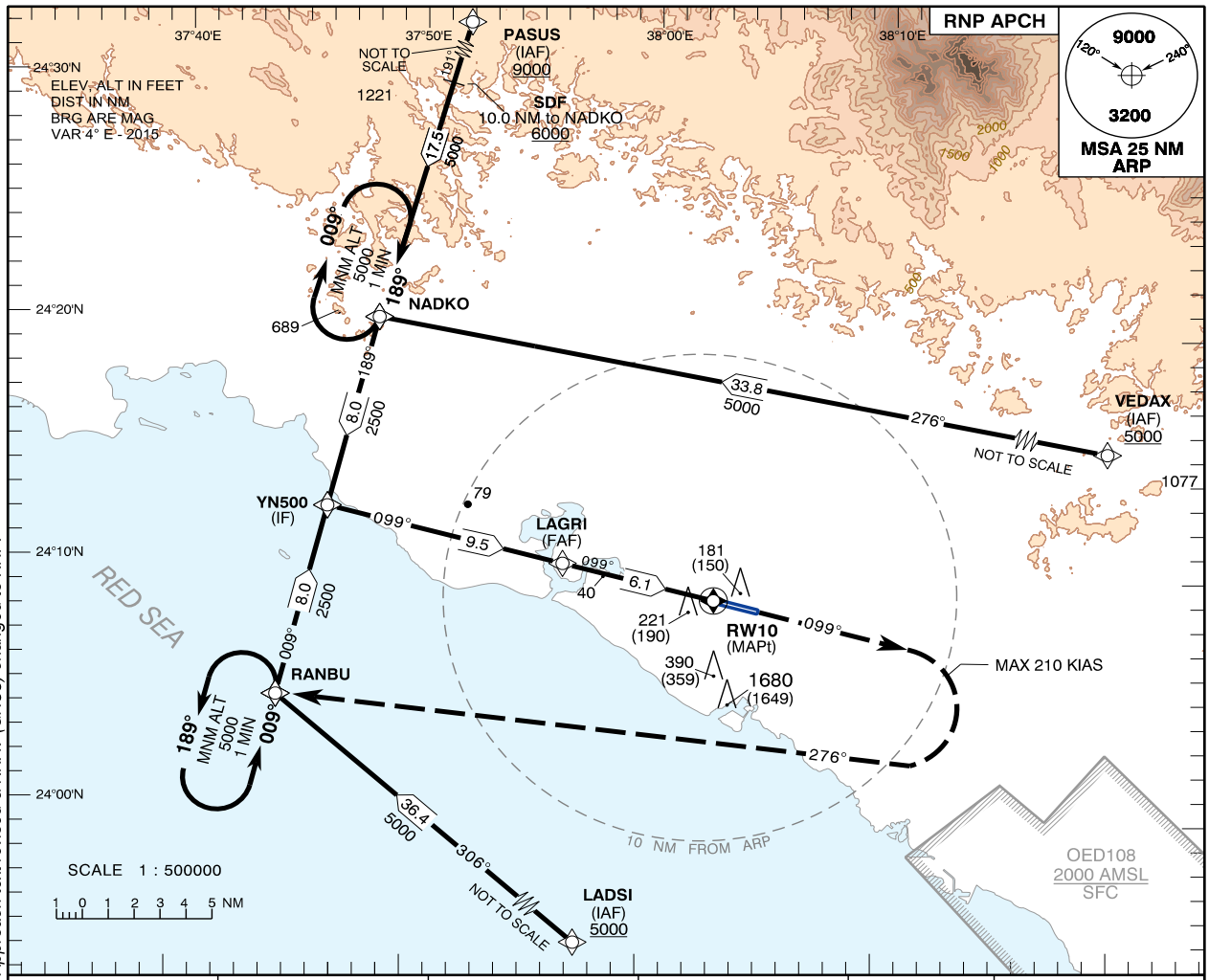
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 44 ft
HEIGHTS RELATED TO
THR RWY 10 - ELEV 31 ft

TWR : 118.1
SMC : 121.9
ATIS : 127.45

YENBO/Prince Abdulmohsin Bin Abdulaziz (OEYN)

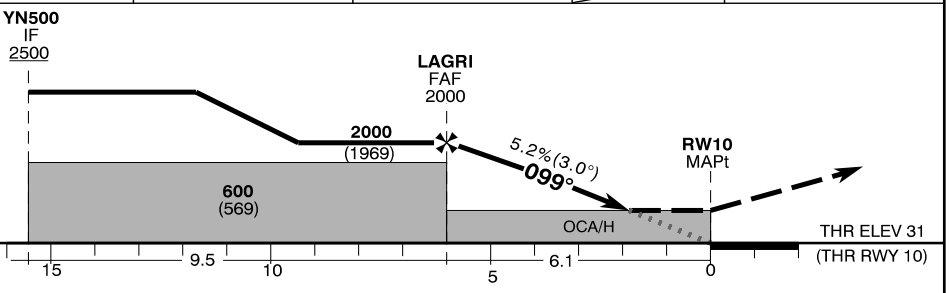
RNP RWY 10



5	4	3	2	RW10	DISTANCE FROM THR
1661(1630)	1345 (1314)	1029 (998)	713 (682)		ALTITUDE (HEIGHT)

TRANSITION ALT 13000
TRANSITION LEVEL FL150

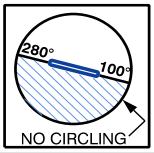
MISSED APPROACH:
Climb straight ahead to 5000 FT,
Passing 3000 FT turn right direct
to RANBU and hold,
No turn before MAPt (MAX 210 KIAS).



NOTE:
NM to/from THR RWY 10

GND SPEED	Knots	70	90	110	130	150	170	190
FAF-MAPT 6.1 NM	min:s	5:12	4:03	3:19	2:48	2:26	2:09	1:55
Rate of Descent	ft/min	369	474	579	685	790	895	1000

		ACFT CAT	A	B	C	D
Straight-in Approach	LNAV	OCA(H)	430(399)			
		RVR(m)	1100			
Circling		OCA(H)	480(436)	540(496)	640(596)	740(696)
		VIS(m)	1500	1600	2400	3600



CIRCLING NOT AUTHORIZED SOUTH OF THE RUNWAY
RVR/VIS RELATED TO MDA(H) = OCA(H)

CHANGE : *OED108 added, Missed Approach text revised & RNAV (GNSS) changed to RNP.*

Amdt : *Original, 25 MAY 2017*

ICAO PANS OPS

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 44 ft
HEIGHTS RELATED TO
THR RWY 10 - ELEV 31 ft

YENBO/Prince Abdulmohsin Bin Abdulaziz (OEYN)

RNP RWY 10

TABULAR DESCRIPTION

RNP RWY 10											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed limit (KT)	VPA/TCH	Navigation Specification
010	IF	LADSI	-	-	-	-	-	+5000	-	-	RNP APCH
020	TF	RANBU	-	306(310)	-	36.4	-	+5000	-	-	RNP APCH
030	TF	YN500	-	009(013)	-	8.0	-	+2500	-	-	RNP APCH
010	IF	VEDAX	-	-	-	-	-	+5000	-	-	RNP APCH
020	TF	NADKO	-	276(280)	-	33.8	-	+5000	-	-	RNP APCH
030	TF	YN500	-	189(193)	-	8.0	-	+2500	-	-	RNP APCH
010	IF	PASUS	-	-	-	-	-	+9000	-	-	RNP APCH
020	TF	NADKO	-	191(195)	-	17.5	-	+5000	-	-	RNP APCH
030	TF	YN500	-	189(193)	-	8.00	-	+2500	-	-	RNP APCH
010	IF	YN500	-	-	-	-	-	+2500	-	-	RNP APCH
020	TF	LAGRI	-	099(103)	-	9.5	-	+2000	-	-	RNP APCH
030	TF	RW10	Y	099(103)	-	6.1	-	81	-	-	RNP APCH
040	VA	-	-	099(103)	-	-	-	+3000	-	-	RNP APCH
050	DF	-	-	276(279)	-	-	R	+5000	210	-	RNP APCH
060	HM	RANBU	-	009(013)	-	1min	L	+5000	-	-	RNP APCH

WAYPOINT LIST

RNP RWY 10			
Waypoint Identifier	**Coordinates**	**Waypoint Identifier**	**Coordinates**
PASUS	24°37'08.9"N 037°53'14.6"E	RANBU	24°04'32.0"N 037°44'22.5"E
LADSI	23°41'07.3"N 038°14'54.5"E	LAGRI	24°10'13.4"N 037°56'25.2"E
VEDAX	24°14'26.0"N 038°24'44.0"E	RW10	24°08'50.97"N 038°02'53.39"E
YN500	24°12'21.4"N 037°46'20.0"E		
NADKO	24°20'10.7"N 037°48'17.7"E		

Amdt : *Original, 25 MAY 2017* **CHANGE :** *Tabular Description revised*

ICAO PANS OPS

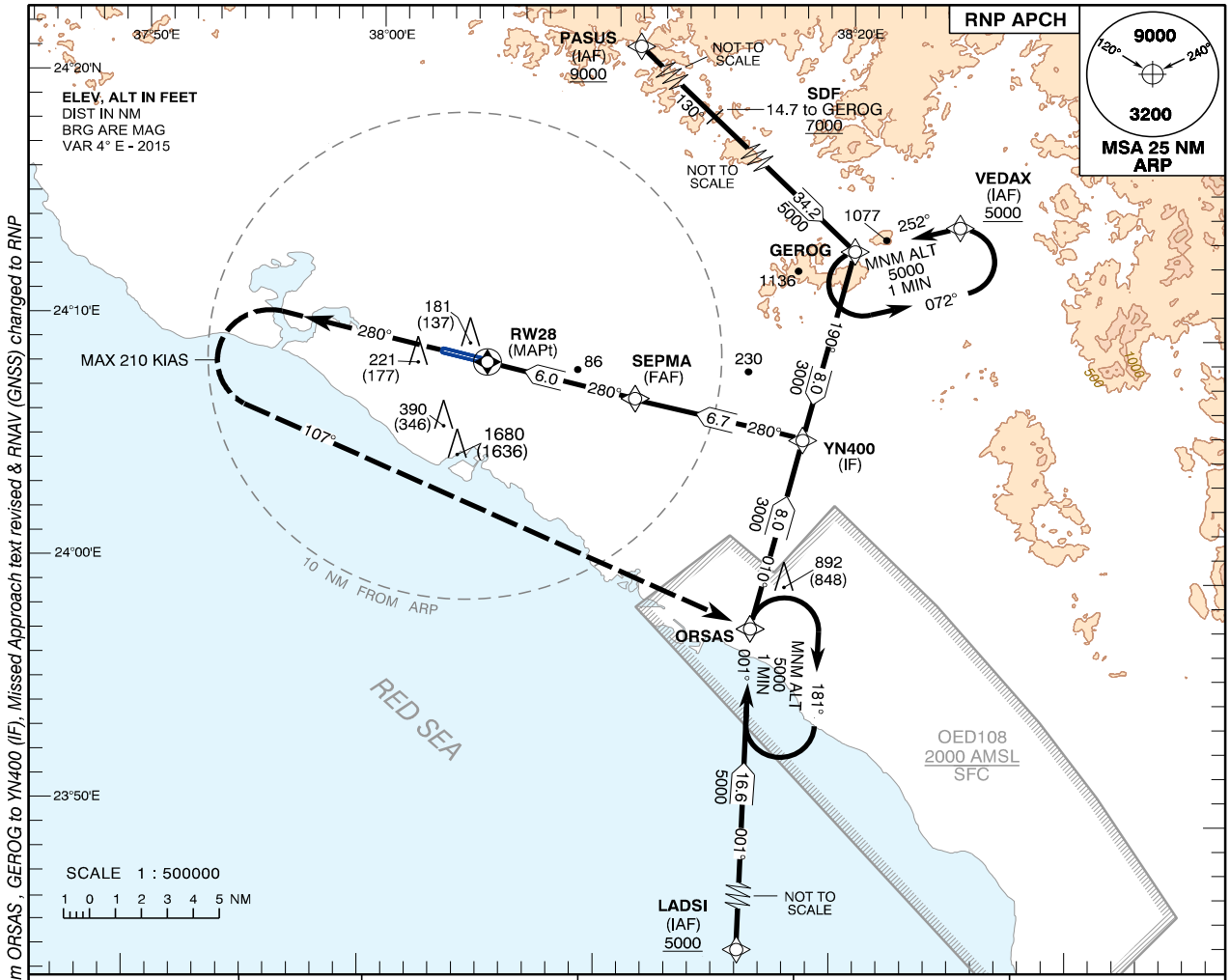
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 44 ft
HEIGHTS RELATED TO AD ELEV 44 ft

TWR : 118.1
SMC : 121.9
ATIS : 127.45

YENBO/Prince Abdulmohsin Bin Abdulaziz (OEYN)

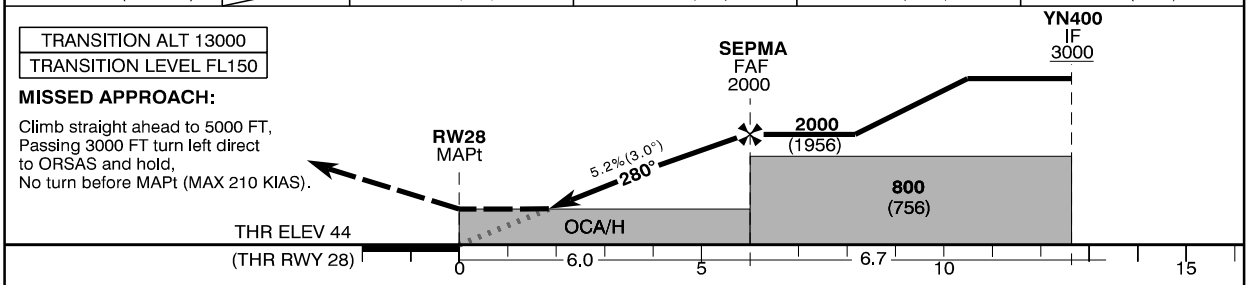
RNP RWY 28



DISTANCE FROM THR	RW28	2	3	4	5
ALTITUDE (HEIGHT)		726 (682)	1042 (998)	1358 (1314)	1674 (1630)

TRANSITION ALT 13000
TRANSITION LEVEL FL150

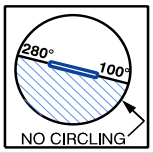
MISSED APPROACH:
Climb straight ahead to 5000 FT,
Passing 3000 FT turn left direct
to ORSAS and hold,
No turn before MAPt (MAX 210 KIAS).



ACFT CAT			A	B	C	D
Straight-in Approach	LNAV	OCA(H)	430(386)			
		RVR(m)	1100			
Circling		OCA(H)	480(436)	540(496)	640(596)	740(696)
		VIS(m)	1500	1600	2400	3600

NOTE
NM to/from THR RWY 28

Ground Speed	Knots	70	90	110	130	150	170	190
FAF-MAPT 6.0 NM	min:s	5:10	4:01	3:17	2:47	2:25	2:08	1:54
Rate of Descent	ft/mln	369	474	579	685	790	895	1000



RVR/VIS RELATED TO MDA(H) = OCA(H)
CIRCLING NOT AUTHORIZED SOUTH OF THE RUNWAY

CHANGE : *OED108 added, ALT from ORSAS , GEROG to YN400 (IF), Missed Approach text revised & RNAV (GNSS) changed to RNP*

Amdt : Original, 25 MAY 2017

ICAO PANS OPS

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 44 ft
HEIGHTS RELATED TO AD ELEV 44 ft

YENBO/Prince Abdulmohsin Bin Abdulaziz (OEYN)

RNP RWY 28

TABULAR DESCRIPTION

RNP RWY 28											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed limit (KT)	VPA/TCH	Navigation Specification
010	IF	LADSI	-	-	-	-	-	+5000	-	-	RNP APCH
020	TF	ORSAS	-	001(004)	-	16.6	-	+5000	-	-	RNP APCH
030	TF	YN400	-	010(013)	-	8.0	-	+3000	-	-	RNP APCH
010	IF	VEDAX	-	-	-	-	-	+5000	-	-	RNP APCH
020	TF	GEROG	-	252(255)	-	4.2	-	+5000	-	-	RNP APCH
030	TF	YN400	-	190(193)	-	8.0	-	+3000	-	-	RNP APCH
010	IF	PASUS	-	-	-	-	-	+9000	-	-	RNP APCH
020	TF	GEROG	-	130(134)	-	34.2	-	+5000	-	-	RNP APCH
030	TF	YN400	-	190(193)	-	8.0	-	+3000	-	-	RNP APCH
010	IF	YN400	-	-	-	-	-	+3000	-	-	RNP APCH
020	TF	SEPMA	-	280(283)	-	6.7	-	+2000	-	-	RNP APCH
030	TF	RW28	Y	280(283)	-	6.0	-	94	-	-	RNP APCH
040	VA	-	-	280(283)	-	-	-	+3000	-	-	RNP APCH
050	DF	-	-	107(110)	-	-	L	+5000	210	-	RNP APCH
060	HM	ORSAS	-	001(004)	-	1min	R	+5000	-	-	RNP APCH

WAYPOINT LIST

RNP RWY 28			
Waypoint Identifier	**Coordinates**	**Waypoint Identifier**	**Coordinates**
PASUS	24°37'08.9"N 037°53'14.6"E	GEROG	24°13'21.3"N 038°20'17.2"E
LADSI	23°41'07.3"N 038°14'54.5"E	ORSAS	23°57'43.0"N 038°16'16.6"E
VEDAX	24°14'26.0"N 038°24'44.0"E	SEPMA	24°07'03.9"N 038°11'09.3"E
YN400	24°05'31.8"N 038°18'16.7"E	RW28	24°08'27.11"N 038°04'44.13"E

CHANGE : *Tabular Description revised.*

Amdt : Original, 25 MAY 2017

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