OEOM AD 2.1 AERODROME LOCATION INDICATOR AND NAME

OEOM - UM ALMELH / Um Almelh

OEOM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	190635N 0500710E 025° / 760.61 M FM THR 05
2	Direction and distance from (city)	030° , 220 NM FM Sharwrah
3	Elevation/Reference temperature	778 FT / 45°C
4	Geoid undulation at AD ELEV PSN	NIL
5	MAG VAR/Annual change	2°E (2015) / 0.05° Increasing
6	AD Administration, address, telephone, telefax, telex, AFS	Border Guard Riyadh 11135 TEL: +966 11 4032975 FAX: +966 11 4032975
7	Types of traffic permitted (IFR/VFR)	IFR and VFR
8	Remarks	Uncontrolled aerodrome

OEOM AD 2.3 OPERATIONAL HOURS

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

OEOM AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	NIL
2	Fuel/oil types	Fuel: JP8 / NIL
3	Fuelling facilities/capacity	1 truk (fuel tank) 250 000 litres, 50 litres / SEC
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

OEOM AD 2.5 PASSENGER FACILITIES

1	Hotels	NIL
2	Restaurants	NIL
3	Transportation	NIL
4	Medical facilities	Clinic Ambulance
5	Bank and Post Office	NIL
6	Tourist Office	NIL
7	Remarks	NIL

OEOM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	A9
2	Rescue equipment	2 fire truck
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

OEOM AD 2.7 SEASONAL AVAILABILITY - CLEARING

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

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

1	Apron surface and strength	Surface: Concrete Strength: 59/R/A/W/T
2	Taxiway width, surface and strength	Width: 35 M Surface: Concrete Strength: 59/R/A/W/T
3	Altimeter checkpoint location and elevation	NIL
4	VOR checkpoints	NIL
5	INS checkpoints	NIL
6	Remarks	NIL

OEOM 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	NIL
2	RWY and TWY markings and LGT	RWY: RWY Designation, Threshold, Touch down zone, Center line, Edge and RWY end TWY: Center Line and Edge
3	Stop bars	NIL
4	Remarks	NIL

OEOM 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	

OEOM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Um Almelh MET Briefing Office
2	Hours of service MET Office outside hours	H24 CTC Jeddah CFO 02 653 2173 / 653 2197 when forecaster not on duty
3	Office responsible for TAF preparation Periods of validity	Jeddah Central Forecast Office (CFO) TEL: +966 12 6532173 and +966 12 6532197 FAX: +966 12 6530197 TAF period of validity 30 H
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	NIL
9	ATS units provided with information	NIL
10	Additional information (limitation of service, etc.)	For additional INFO call +966 13 5850320

METEOROLOGICAL DATA												
MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURES (C)												
TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MAXIMUM	25	28	34	36	39	41	42	40	39	36	32	27
MINIMUM	11	16	17	23	26	27	28	28	24	18	16	13
MEAN PRESSURE IN HECTOPASCALS (HPA) FOR EACH MONTH												

OEOM 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
05	053.35° GEO 051.72° MAG	3000 X 45	59/R/A/X/T Concrete	190613.47N 0500657.57E	THR: 775.6 FT TDZ: 776.1 FT
23	233.35° GEO 231.72° MAG	3000 X 45	59/R/A/X/T Concrete	190711.73N 0500819.95E	THR: 763 FT

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
%0.2	60 X 45	NIL	NIL	NIL	NIL
%0.2	60 X 45	NIL	NIL	NIL	NIL

OEOM AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
05	3000	3000	3060	3000	NIL
23	3000	3000	3060	3000	NIL

OEOM 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
05	CAT I 900 M LIH	Green	PAPI 3°	NIL	NIL	3000 M 60 M Yellow and White LIH	Red	NIL	NIL
23	NIL	Green	PAPI 3°	NIL	NIL	3000 M 60 M Yellow and White LIH	Red	NIL	NIL

OEOM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and operational hours	ABN: 190650.5N 0500729.58E / FLG W EV 2 SEC / H24
2	LDI location and LGT Anemometer location and LGT	LDI: 900 M W of ARP, lighted WDI: 2 WDI LGTD end of RWY 05 / 23
3	TWY edge and centre line lighting	Edge: Blue
4	Secondary power supply/switch-over time	NIL
5	Remarks	NIL

OEOM 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

OEOM AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	ATZ: Circle with radius of 5NM centered on ARP 190635N 0500710E
2	Vertical limits	SFC to 2500 FT AMSL
3	Airspace classification	G
4	ATS unit call sign Language(s)	NIL
5	Transition altitude	13000 FT
6	Remarks	NIL

OEOM AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
Um Almelh ATS	Um Almelh TWR	127.500 MHZ	H24	Call on frequency 127.5 MHz 20 MIN before arrival time
ATIS		120.300 MHZ	H24	
TIBA		122.800 MHZ		

OEOM 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	UME	116.1 MHZ CH 108X	H24	190722.9N 0500835.7E	800 FT	575 M FM THR 23 on extended centerline
LOC RWY 05 (2°E/2015) ILS CAT I	IUME	108.9 MHZ	H24	190717.6N 0500828.2E		300 M FM THR 23 on extended centerline
GP RWY 05		329.3 MHZ	H24	190616.5N 0500708.8E		Angle 3° RDH 54 FT 318 M FM THR 05 and 122 M perpendicular to RWY centerline
DME	IUME		H24	190616.5N 0500708.8E	800 FT	

OEOM AD 2.20 LOCAL TRAFFIC REGULATIONS

OEOM AD 2.21 NOISE ABATEMENT PROCEDURES

OEOM AD 2.22 FLIGHT PROCEDURES

OEOM AD 2.23 ADDITIONAL INFORMATION

OEOM AD 2.24 CHARTS RELATED TO AN AERODROME

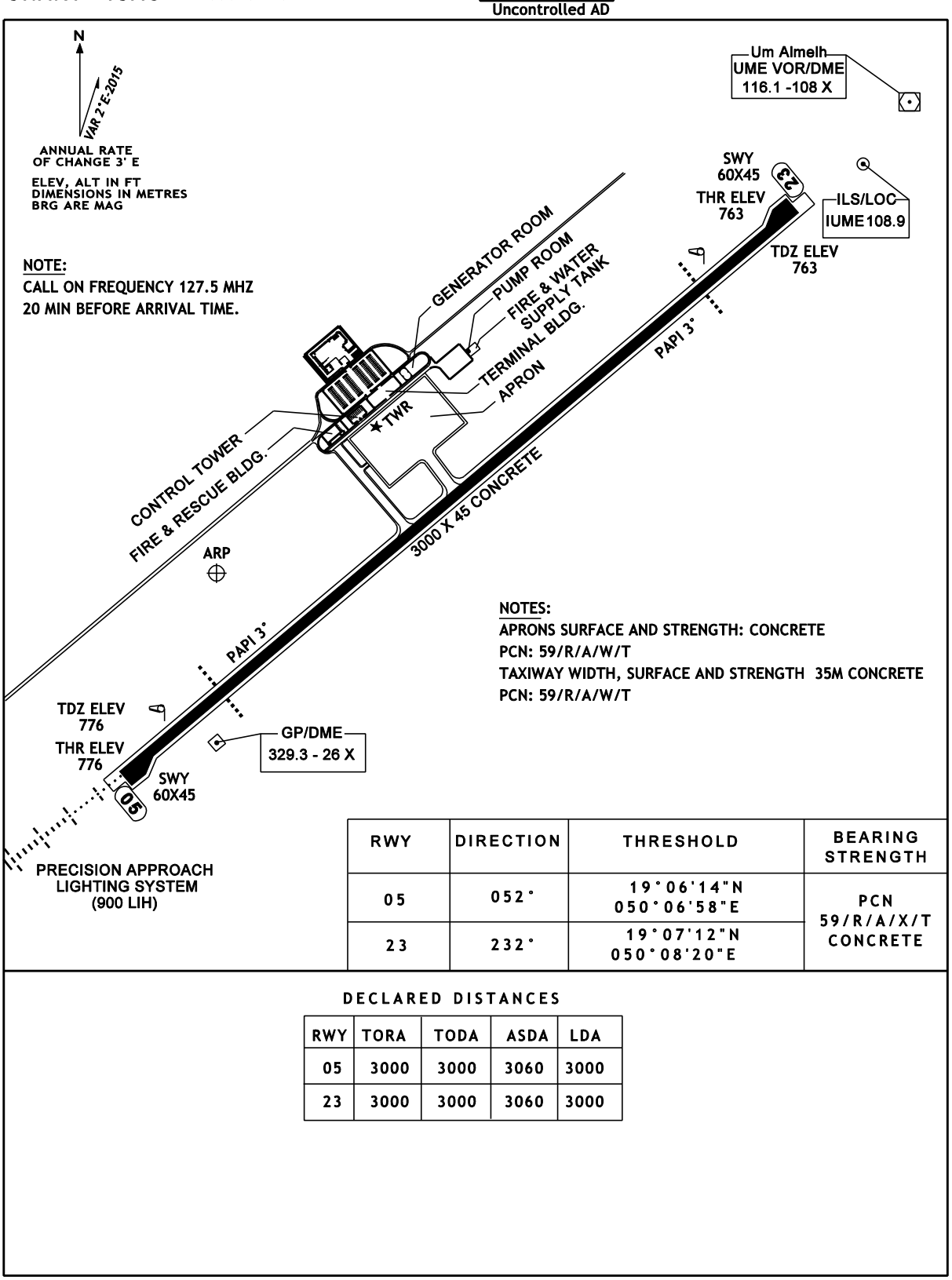
AERODROME CHART - ICAO

ARP:
19°06'35"N
050°07'10"E

ELEV 778

TWR: 127.5
TIBA: 122.8
FRS: 133.5
ATIS: 120.3
Uncontrolled AD

UM ALMELH/Um Almelh



RWY	DIRECTION	THRESHOLD	BEARING STRENGTH
05	052°	19°06'14"N 050°06'58"E	PCN 59/R/A/X/T CONCRETE
23	232°	19°07'12"N 050°08'20"E	

DECLARED DISTANCES

RWY	TORA	TODA	ASDA	LDA
05	3000	3000	3060	3000
23	3000	3000	3060	3000

CHANGES: *MAG VAR*

INTENTIONALLY BLANK

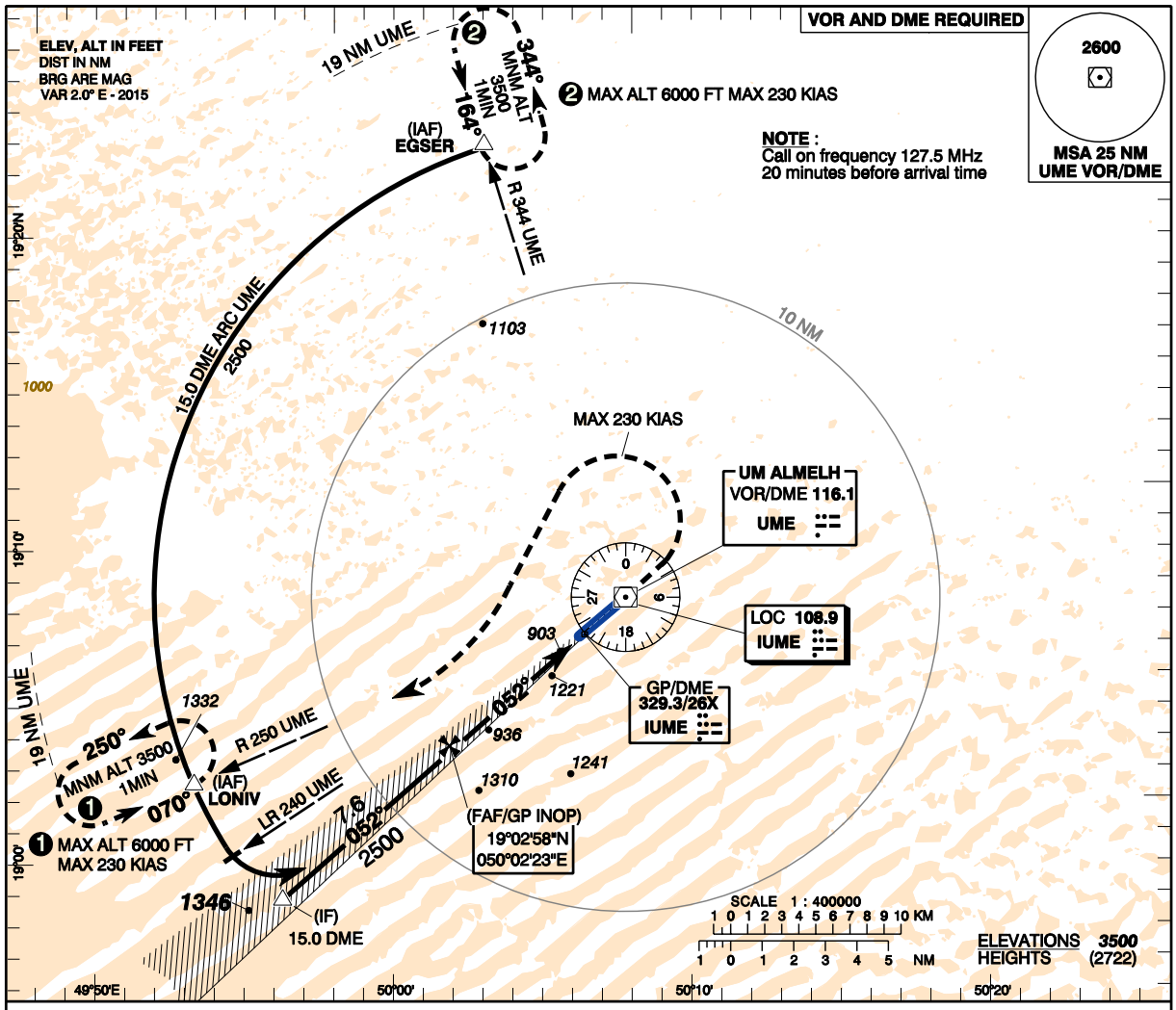
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 778 ft
HEIGHTS RELATED TO
THR RWY 05 - ELEV 776 ft

TWR : 127.5
FRS : 133.5
TIBA : 122.8
ATIS : 120.3
UNCONTROLLED AD

UM ALMELH/Um Almelh (OEOM)

ILS OR LOC RWY 05



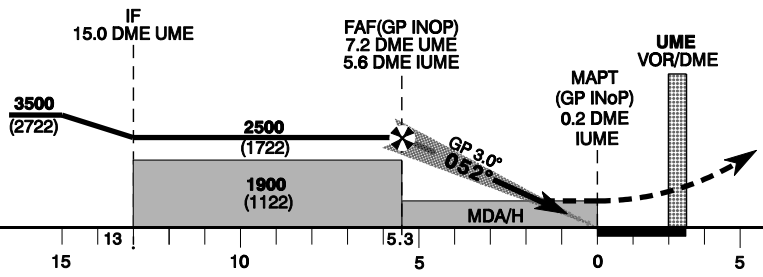
TRANSITION ALT 13000
TRANSITION LEVEL FL150

MISSED APPROACH
At the DH, Climb to **1500 FT**
then turn left to intercept and follow
RDL 250 UME to holding
LONIV at **3500 FT.**
MAX 230 KIAS.

ILS RDH 54

THR ELEV 776

NM to/from **THR RWY 05**



		ACFT CAT	A	B	C	D	E
Straight-in Approach	CAT I	OCA(H)	1090 (320)	1100 (330)	1110 (340)	1120 (350)	1140 (370)
		RVR/VIS(m)	700	800		900	-
	GP INOP	OCA(H)	1240 (470)				
		VIS(m)	1500				
Circling		OCA(H)	1570 (792)		1670 (892)	1690 (912)	1860 (1082)
		VIS(m)	1500	1600	2400	3600	-

RVR/VIS RELATED TO MDA(H)

GND SPEED	Knots	70	90	110	120	130	150	170	190
FAF-MAPT 5.2 NM	min:s	4:27	3:28	2:50	2:36	2:24	2:05	1:50	1:39
Rate of Descent	Ft/min	371	478	584	637	690	796	902	1008

DME UME NM	6	5	4	3
ALT (HGT) 3.0° APCH	2125 (1345)	1805 (1030)	1490 (710)	1170 (390)
DME IUME NM	5	4	3	
ALT (HGT) 3.0° APCH	2355 (1578)	2035 (1258)	1720 (943)	

CHANGE : *RVR/VIS Revised*

Amdt :*Original, 04 APR 13*

ICAO PANS OPS

UM ALMELH/Um Almelh (OEOM)

ILS or LOC RWY 05

AERONAUTICAL DATA TABULATION

ILS or LOC approach to RWY 05 from UME VOR/DME	
Fix/point	**Coordinates**
EGSER (IAF) - RDL 344/15.0 DME UME	19°21'59.6"N 050°04'45.8"E
LONIV (IAF) - RDL 250/15.0 DME UME	19°02'33.0"N 049°53'34.8"E
TP TURN TO INTERMEDIATE - RDL 240/15.0 DME UME	19°00'08.1"N 049°54'43.0"E
IF - RDL 232/15.0 DME UME	18°58'21.2"N 049°55'55.3"E
FAF GP INOP - 232°/LOC IUME 7.2 DME UME	19°02'58.3"N 050°02'23.2"E
IUME ILS/LLZ	19°07'17.6"N 050°08'28.2"E
IUME ILS GP/DME	19°06'16.5"N 050°07'08.8"E
UME VOR/DME	19°07'22.9"N 050°08'35.7"E
THR RWY 05 (MAPT GP INOP) 0.2 DME IUME	19°06'13.47"N 050°06'57.57"E

CHANGE : *EGSER coordinates revised*

Amdt : *Original, 04 APR 13*

ICAO PANS OPS

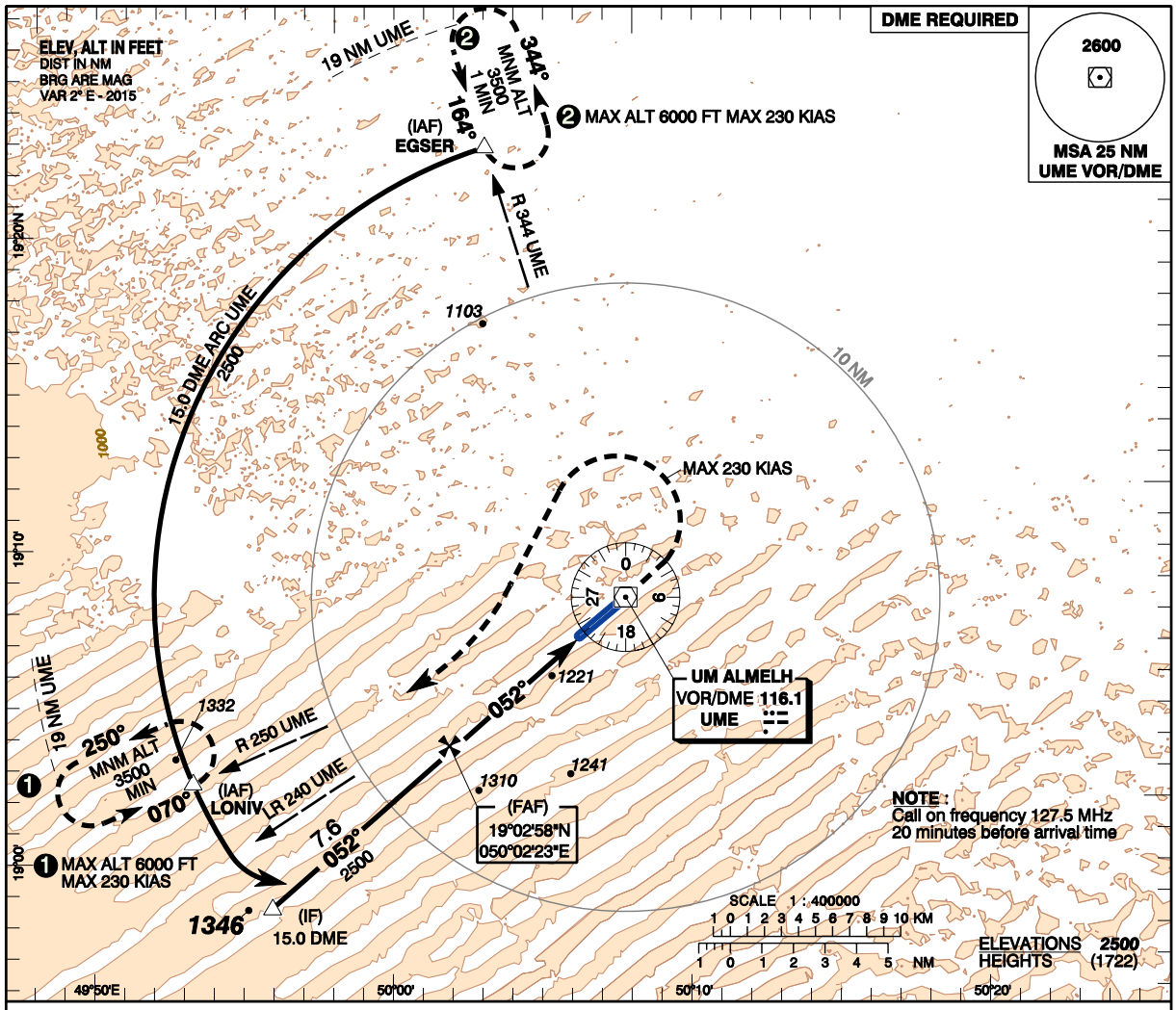
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 778 ft
HEIGHTS RELATED TO AD ELEV - 778 ft

TWR : 127.5
FRS : 133.5
TIBA : 122.8
ATIS : 120.3
UNCONTROLLED AD

UM ALMELH/Um Almelh (OEOM)

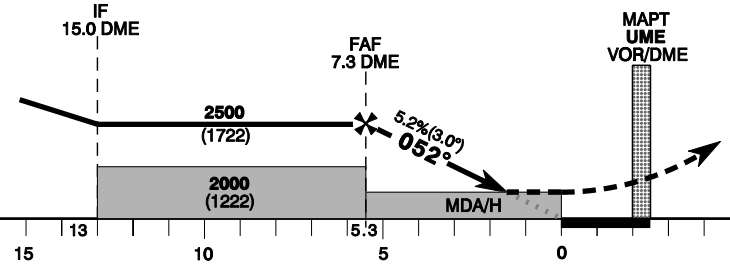
VOR RWY 05



TRANSITION ALT 13000
TRANSITION LEVEL FL150

MISSED APPROACH

At the MAPT, turn left to intercept and follow **RDL 250** to holding **LONIV** at **3500 FT.**
MAX 230 KIAS



		ACFT CAT	A	B	C	D	E
Straight-in Approach	VOR	OCA(H)	1520 (742)				
		RVR(m)	2700				-
Circling		OCA(H)	1570 (792)		1670(892)	1690(912)	1860(1082)
		VIS(m)	2700			3600	-

RVR/VIS RELATED TO MDA(H)

GND SPEED	Knots	70	90	110	120	130	150	170	190
FAF-MAPT 7.3 NM	min:s	6:17	4:54	4:00	3:39	3:24	2:56	2:36	2:19
Rate of Descent	Ft/min	371	478	584	637	690	796	902	1008

DME UME NM	7	6	5	4
ALT (HGT) 3.0° APCH	2440 (1662)	2125 (1347)	1805 (1642)	1485 (1322)

CHANGE : *RVR/VIS Revised*

Amdt :*Original, 04 APR 13*

ICAO PANS OPS

UM ALMELH/Um Almelh (OEOM)

VOR RWY 05

AERONAUTICAL DATA TABULATION

VOR approach to RWY 05 from UME VOR/DME	
Fix/point	**Coordinates**
EGSER (IAF) - RDL 344/15.0 DME UME	19°21'59.6"N 050°04'45.8"E
LONIV (IAF) - RDL 250/15.0 DME UME	19°02'33.0"N 049°53'34.8"E
TP TURN TO INTERMEDIATE - RDL 240/15.0 DME UME	19°00'08.1"N 049°54'43.0"E
IF - RDL232/15.0 DME UME	18°58'21.2"N 049°55'55.3"E
(FAF) - RDL 232/7.2 DME UME	19°02'58.2"N 050°02'23.2"E
UME VOR/DME (MAPT)	19°07'22.9"N 050°08'35.7"E
THR RWY 05	19°06'13.47"N 050°06'57.57"E

Amdt : *Original, 04 APR 13* **CHANGE :** *EGSER coordinates revised*

ICAO PANS OPS

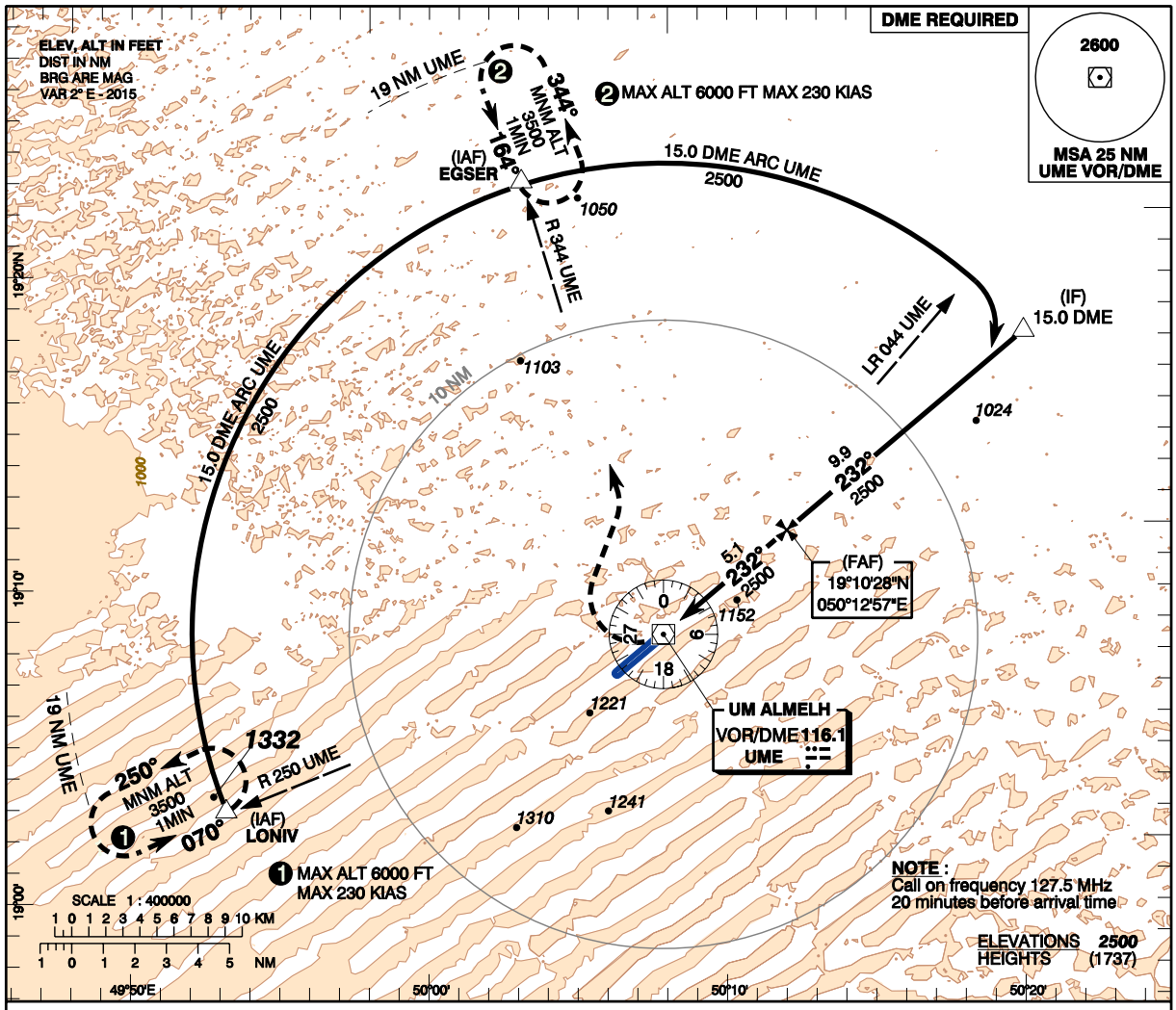
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 778 ft
HEIGHTS RELATED TO
THR RWY 23 - ELEV 763 ft

TWR : 127.5
FRS : 133.5
TIBA : 122.8
ATIS : 120.3
UNCONTROLLED AD

UM ALMELH/Um Almelh (OEOM)

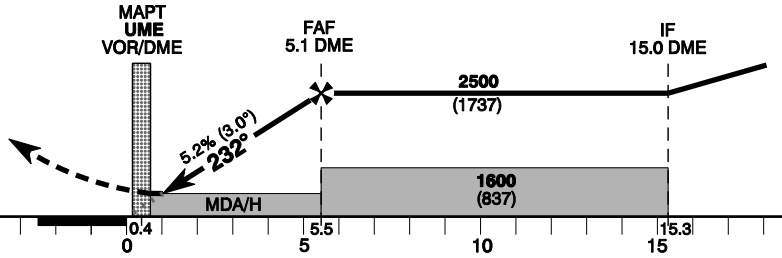
VOR RWY 23



TRANSITION ALT 13000
TRANSITION LEVEL FL150

MISSED APPROACH

At the MAPT turn right to intercept and follow **RDL 344** to holding **EGSAR** at **3500 FT.**
MAX 230 KIAS



		ACFT CAT	A	B	C	D	E
Straight-in Approach	VOR	OCA(H)	1450 (690)				
		RVR(m)	3200				-
Circling		OCA(H)	1570 (792)		1670(892)	1690(912)	1860(1082)
		VIS(m)	3200			3600	-

RVR/VIS RELATED TO MDA(H)

GND SPEED	Knots	70	90	110	120	130	150	170	190
FAF-MAPT 5.14 NM	min:s	4:24	3:26	2:48	2:34	2:22	2:03	1:49	1:37
Rate of Descent	Ft/min	371	478	584	637	690	796	902	1008

DME UME NM	4	3	2
ALT (HGT) 3.0° APCH	2185 (1422)	1870 (1107)	1550 (787)

CHANGE : *RVR/VIS Revised*

Amdt :*Original, 04 APR 13*

ICAO PANS OPS

UM ALMELH/Um Almelh (OEOM)

VOR RWY 23

AERONAUTICAL DATA TABULATION

VOR approach to RWY 23 from UME VOR/DME	
Fix/point	**Coordinates**
EGSER (IAF) - RDL 344/15.0 DME UME	19°21'59.6"N 050°04'45.8"E
LONIV (IAF) - RDL 250/15.0 DME UME	19°02'33.0"N 049°53'34.8"E
TP TURN TO INTERMEDIATE - RDL 044/15.0 DME UME	19°17'59.6"N 050°19'50.5"E
IF - RDL 052/15.0 DME UME	19°16'23.3"N 050°21'17.8"E
FAF - RDL 052/5.1 DME UME	19°10'28.2"N 050°12'56.7"E
UME VOR/DME (MAPT)	19°07'22.9"N 050°08'35.7"E
THR RWY 23	19°07'11.73"N 050°08'19.95"E

Amdt : *Original, 04 APR 13* **CHANGE :** *EGSER coordinates revised*

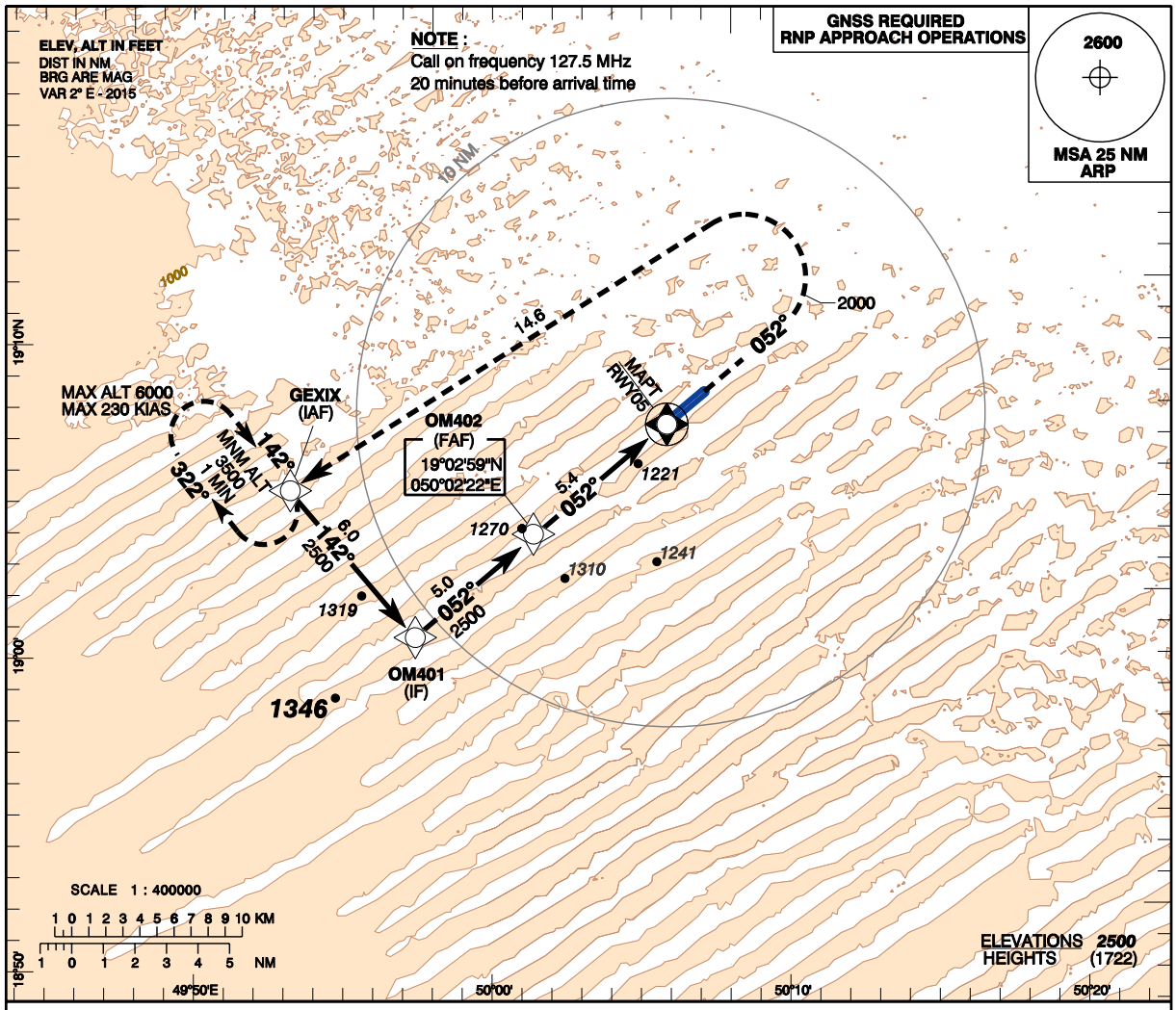
ICAO PANS OPS

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 778 ft
HEIGHTS RELATED TO
THR RWY 05 - ELEV 776 ft

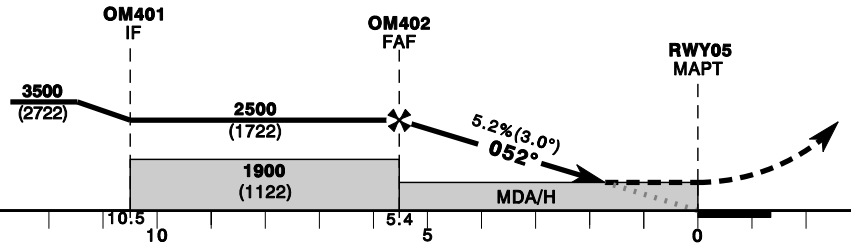
TWR : 127.5
FRS : 133.5
TIBA : 122.8
ATIS : 120.3
UNCONTROLLED AD

UM ALMELH/Um Almelh (OEOM)
RNAV (GNSS) RWY 05



TRANSITION ALT 13000
TRANSITION LEVEL FL150

MISSED APPROACH
Climb on track **052°** to **2000 FT**
then **LT** to **GEXIX** at **3500 FT**
and hold.
No turn before MAPT.



		ACFT CAT	A	B	C	D	E
Straight-in Approach	RNAV (GNSS)	OCA(H)	1520 (742)				
		RVR(m)	2700				-
Circling		OCA(H)	1570 (792)		1670(892)	1690(912)	1860(1082)
		VIS(m)	2700			3600	-

RVR/VIS RELATED TO MDA(H)

GND SPEED	Knots	70	90	110	120	130	150	170	190
FAF-MAPT 5.42 NM	min:s	4:39	3:37	2:57	2:43	2:30	2:10	1:55	1:43
Rate of Descent	Ft/min	371	478	584	637	690	796	902	1008

THR NM	5	4	3
ALT (HGT) 3.0° APCH	2420 (1642)	2100 (1322)	1790 (1012)

CHANGE : *RVR/VIS Revised*

Amdt :*Original, 04 APR 13*

ICAO PANS OPS

UM ALMELH/Um Almelh (OEOM)

RNAV (GNSS) RWY 05 **AERONAUTICAL DATA TABULATION**

TABULAR DESCRIPTION

RNAV (GNSS) RWY 05											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course °M(°T)	Magnetic Variation	Distance to (NM)	Turn Direction	Altitude (FT)	Speed limit (KT)	VPA	Navigation Specification
010	IF	GEXIX (IAF)	–	--	–	–	–	+3500	--	–	RNP APCH
020	TF	OM401 (IF)	–	142 (143.2)	–	6.0	L	+2500	--	–	RNP APCH
030	TF	OM402 (FAF)	–	052 (053.1)		5.0	–	2500	--	–	RNP APCH
040	TF	RWY 05 (MAPt)	Y	052 (053.1)	–	5.4	–	1520	--	-3.0	RNP APCH
050	CA	–	--	052 (053.1)	–	–	--	2000	--	–	RNP APCH
060	DF	GEXIX	--	–	–	14.6	L	+3500	–	--	RNP APCH
070	HM	GEXIX	–	142 (143.2)	–	1MIN	R	+3500	–	--	RNP APCH

WAYPOINT LIST

RNAV (GNSS) RWY 05	
Waypoint Identifier	**Coordinates**
GEXIX (IAF)	19°04'48.2"N 049°54'15.7"E
OM401 (IF)	18°59'56.1"N 049°58'04.9"E
OM402 (FAF)	19°02'58.5"N 050°02'22.2"E
THR RWY 05 - (MAPT)	19°06'13.47"N 050°06'57.57"E

Amdt : Original, 04 APR 13 **CHANGE :** *Reprint*

ICAO PANS OPS

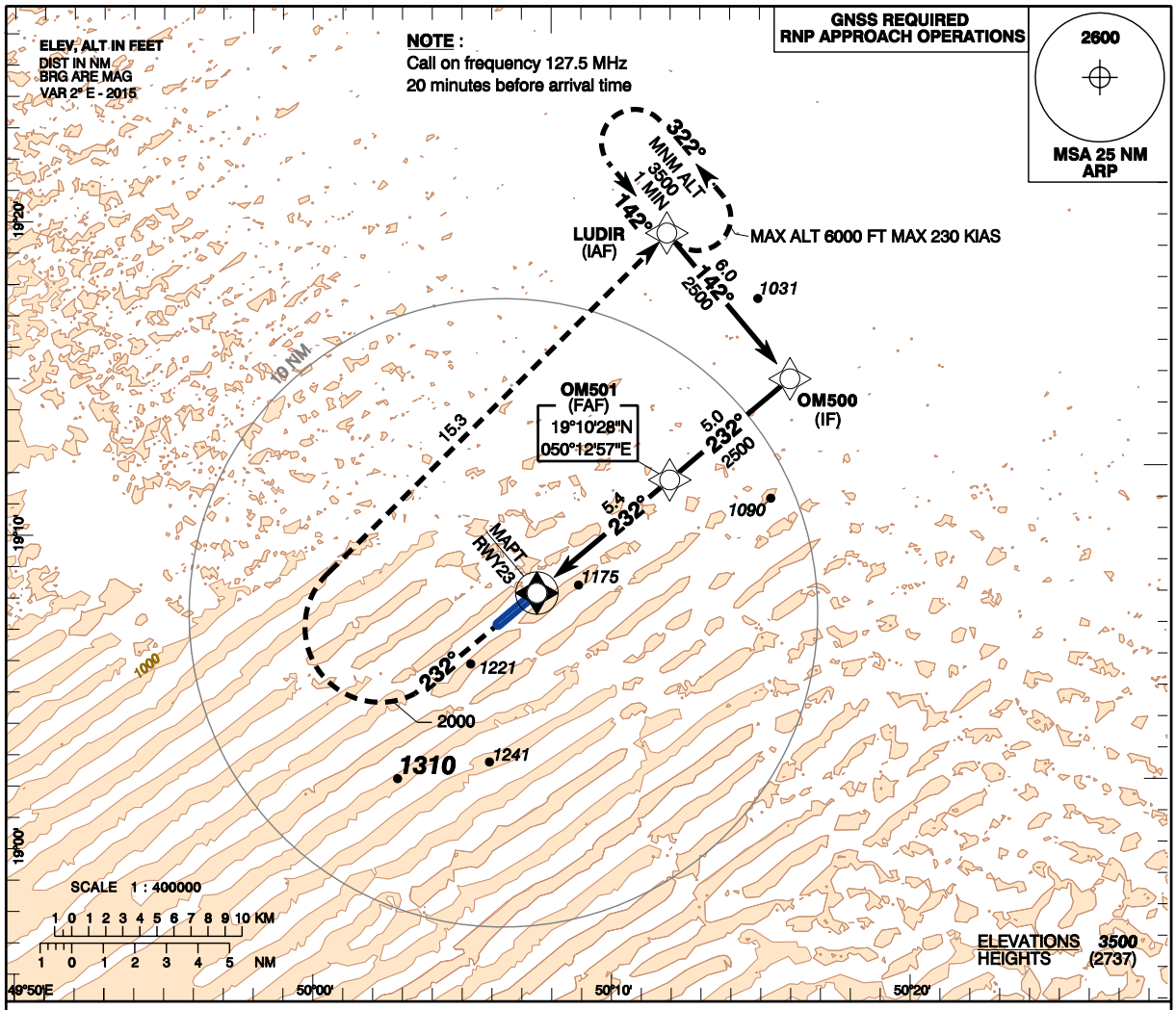
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 778 ft
HEIGHTS RELATED TO
THR RWY 23 - ELEV 763 ft

TWR : 127.5
FRS : 133.5
TIBA : 122.8
ATIS : 120.3
UNCONTROLLED AD

UM ALMELH/Um Almelh (OEOM)

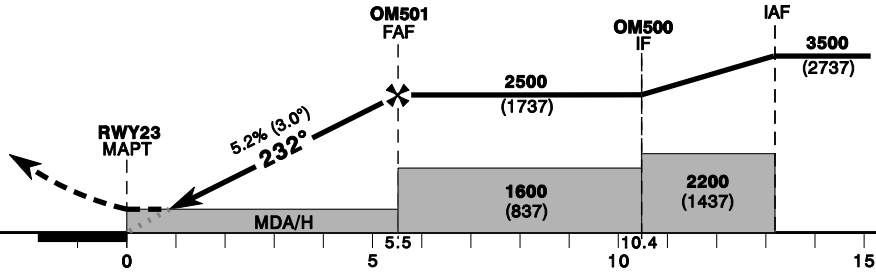
RNAV (GNSS) RWY 23



TRANSITION ALT 13000
TRANSITION LEVEL FL150

MISSED APPROACH

Climb on track **232°** to
2000 FT then **RT** to **LUDIR**
at **3500 FT** and hold.
No turn before MAPT.



		ACFT CAT	A	B	C	D	E
Straight-in Approach	RNAV (GNSS)	OCA(H)	1410 (647)				
		RVR(m)	3000				-
Circling		OCA(H)	1570 (792)		1670(892)	1690(912)	1860(1082)
		VIS(m)	3000			3600	-

RVR/VIS RELATED TO MDA(H)

GND SPEED	Knots	70	90	110	120	130	150	170	190
FAF-MAPT 5.45 NM	min:s	4:40	3:38	2:58	2:44	2:31	2:11	1:55	1:43
Rate of Descent	Ft/min	371	478	584	637	690	796	902	1008

THR NM	5	4	3	2
ALT (HGT) 3.0° APCH	2410 (1647)	2090 (1327)	1770 (1006)	1450 (687)

CHANGE : *RVR/VIS Revised*

Amdt :*Original, 04 APR 13*

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RNAV (GNSS) RWY 23 **AERONAUTICAL DATA TABULATION**

TABULAR DESCRIPTION

RNAV (GNSS) RWY 23											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed limit (KT)	VPA	Navigation Specification
010	IF	LUDIR (IAF)	–	--	–	–	–	+3500	--	–	RNP APCH
020	TF	OM500 (IF)	–	142 (143.2)	–	6.0	R	+2500	--	–	RNP APCH
030	TF	OM501 (FAF)	–	232 (233.2)	–	5.0	–	2500	--	–	RNP APCH
040	TF	RWY 23 (MAPT)	Y	232 (233.2)	–	5.4	–	1410	--	- 3.0	RNP APCH
050	CA	–	--	232 (233.2)	–	–	--	2000	–	–	RNP APCH
060	DF	LUDIR	--	–	--	15.3	R	+3500	--	–	RNP APCH
070	HM	LUDIR	–	142 (143.2)	–	1MIN	L	+3500	--	--	RNP APCH

WAYPOINT LIST

RNAV (GNSS) RWY 23	
Waypoint Identifier	**Coordinates**
LUDIR (IAF)	19°18'22.3"N 050°13'26.5"E
OM500 (IF)	19°13'29.8"N 050°17'15.5"E
OM501(FAF)	19°10'27.6"N 050°12'57.2"E
THR RWY 23 - (MAPT)	19°07'11.76"N 050°08'19.94"E

Amdt : Original, 04 APR 13 **CHANGE :** *Reprint*

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