

**SULTANATE OF OMAN  
CIVIL AVIATION AUTHORITY**

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MUSCAT

AIRAC  
AIP SUP 17/24  
18 APR 2024

**SUPPLEMENTS TO OMAN AIP**

*AIP Supplement pages should be kept as the first item in Oman AIP related parts.*

*A checklist of valid AIP Supplements will be issued through the NOTAM Checklist at intervals of not more than one month.*

<b>NOTAM OR AIP SUP CANCELLED BY THIS AIP SUPPLEMENT</b>				-
<b>AFFECTED AREA</b>	OOMS - MUSCAT AIRPORT			
<b>PERIOD OF VALIDITY</b>	<b>FROM</b>	2405160000	<b>TO</b>	2406122359 EST

**OOMS - MUSCAT/Muscat International**

**OOMS AD 2.2 - AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

MAG VAR/Annual change: 2.0°E (2025)/ 0.05°E

**OOMS AD 2.8 - APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

Taxiway width, surface and strength:

- Southern maneuvering area (South of N1 & R1)  
Width: 23 M plus 13.5 M paved shoulders  
Surface: asphalt  
Strength: PCN 72/F/A/W/T
- northern maneuvering area (North of N1 & R1)  
Width: 25 M plus 17.5 M paved shoulders  
Surface: Asphalt  
Strength: PCN 91/F/A/W/T
- Taxiway A, AP1, AP2, AR1, AR2, AR3, AR4, AS1, AS2, AS3, C1, C2, C3, C4, C5, C6, C7, C8, C9, C10: PCN 72/F/A/W/T
- Taxiways D1, D2, D3, D5, D6, D7, D9: PCN 94/F/A/W/T
- Taxiways E1, E2, E3, E4, E5, E6, E7, E8, E9: PCN 99/F/A/W/T
- Taxiway Y1 - Y6 & V1 - V2: PCN 105/F/A/W/T
- Taxiway Y7, Y8, L, G, M, V3 - V8, W, S, U, T, N, R, H: PCN 112/F/A/W/T

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

### TWY markings and LGT:

- LGT:  
Edge lights elevated/inset blue all TWYs. Centerline lights inset green all TWYs except TWY A.
- Markings:  
Intermediate holding positions on TWY A (AP1, AP2, AR1, AR2, AR3, AR4, AS1, AS2, AS3, C1, C2, C3, C4, C5, C6, C7, C8, C9, C10).  
Intermediate holding positions on TWY H, TWY G, TWY N & TWY R (H1, H2, H3, H4, H5, H6, H7, H8, G1, G2, G3, G4, G5, G6, GB1, N1, N2, R1, R2)

### Stop bars:

D1, D2, D3, D5, D6, D7, D9  
E1, E2, E3, E4, E5, E6, E7, E8, E9  
G1, G6, GB1, H2, H3, H6, H8  
N1, N2  
R1, R2  
W1, W2, W3, W4  
V1, V2, V3, V4, V5, V6, V7, V8  
Y1, Y2, Y3, Y4, Y5, Y6, Y7, Y8  
Z1

### Remarks:

TWY Y1 is not permitted for Aircraft exit from RWY 08L/26R  
TWY AP1 up to code F ACFTs  
TWY AP2 up to code E ACFTs  
TWYs AS1, AS2, AS3 up to code D ACFTs  
TWYs AR1, AR2, AR3, AR4 up to code F ACFTs  
TWYs C1, C2, C3, C4, C7, C8, C9 and C10 up to code F, up to A380 and B748  
TWYs C5, C6 up to code C ACFTS  
TWYs D2, D3, D5 and D6 up to code E ACFTs  
TWY E7 up to code E ACFTs  
TWY E8 up to code D ACFTs

## OOMS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

- RWY 08L:  
Mag Bearing: 083  
THR Coordinates: N233621.27 E0581528.63  
THR Elev: 26 FT
- RWY 26R  
Mag Bearing: 263  
THR Coordinates: N233632.57 E0581749.30  
THR Elev: 19.6 FT  
TDZ Elev: 19.6 FT
- RWY 08R (PCN 91/F/A/W/T)  
Mag Bearing: 083  
THR Coordinates: N233530.02 E0581600.92  
THR Elev: 48.9 FT  
TDZ Elev: 49 FT

- RWY 26L (PCN 91/F/A/W/T)  
Mag Bearing: 263  
THR Coordinates: N233541.54 E0581824.31  
THR Elev: 24.2 FT  
TDZ Elev: 26 FT
- Runway 26R THR displaced by 160 M. DTHR Coordinates: N233632.12 E0581743.66, DTHR ELEV 19.7 FT
- Runway 08R THR displaced by 480 M. DTHR Coordinates: N233531.38 E0581617.79, DTHR ELEV 49 FT.

### OOMS AD 2.13 DECLARED DISTANCES

<i>RWY Designator</i>	<i>TORA (M)</i>	<i>TODA (M)</i>	<i>ASDA (M)</i>	<i>LDA (M)</i>	<i>Remarks</i>
<b>08R</b>	4080m	4080m	4080m	<u>3600m</u>	
Intersection E2	3690m	3690m	3690m		
Intersection D2	3140m	3140m	3140m		
Intersection D3	2568m	2568m	2568m		
<b>26L</b>	4080m	4080m	4080m	4080	
Intersection E8	3985m	3985m	3985m		
Intersection E7, D7	3585m	3585m	3585m		
Intersection D6	3069m	3069m	3069m		
Intersection D5	2455m	2455m	2455m		

### OOMS AD 2.19 - RADIO NAVIGATION AND LANDING AIDS

<i>Type of aid, MAG VAR, Type of supported OPS (for VOR/ILS/MLS, give declination), facility classification</i>	<i>ID</i>	<i>Frequency (CH)</i>	<i>Hours of operation</i>	<i>Position of transmitting antenna coordinates</i>	<i>Elevation of DME transmitting antenna</i>	<i>Remarks</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
DVOR/DME 2.0°E (2025)	MCT	114.500 MHz CH 92X	H24	233528.04N 0581536.48E	74 FT	
LOC RWY 08L ILS CAT I 2.0°E (2025)	IML	108.900 MHz	H24	233633.57N 0581802.26E		
GP RWY 08L		329.300 MHz	H24	233626.23N 0581540.06E		Angle: 3.0°, RDH 55 FT
ILS DME RWY 08L	IML	CH 26X	H24	233626.23N 0581540.06E	29 FT	
LOC RWY 26R ILS CAT I 2.0°E (2025)	IMR	110.700 MHz	H24	233619.16N 0581502.83E		
GP RWY 26R		330.200 MHz	H24	233635.20N 0581731.71E		Angle: 3.0°, RDH 57 FT

ILS DME RWY 26R	IMR	CH 44X	H24	233635.20N 0581731.71E	23 FT	
LOC RWY 08R ILS CAT I 2.0°E (2025)	IMW	108.300 MHZ	H24	233542.6N 0581837.3E		
GP RWY 08R		334.100 MHZ	H24	233528.3N 0581629.9E		Angle: 3°, RDH 57.3ft
ILS DME RWY 08R	IMW	CH 20X	H24	233528.3N 0581629.9E	56 FT	
LOC RWY 26L ILS CAT I 2.0°E (2025)	ISB	110.300 MHZ	H24	233528.7N 0581544.3E		
GP RWY 26L		335.000 MHZ	H24	233536.5N 0581812.7E		Angle: 3°, RDH 57.3ft
ILS DME RWY 26L	ISB	CH 40X	H24	233536.5N 0581812.7E	34 FT	

**LIST OF APPENDICES TO THIS AIP SUP:**

- OOMS AERODROME CHART
- AERODROME OBSTACLE CHART – TYPE A RWY 08L/26R
- AERODROME OBSTACLE CHART – TYPE A RWY 08R/26L

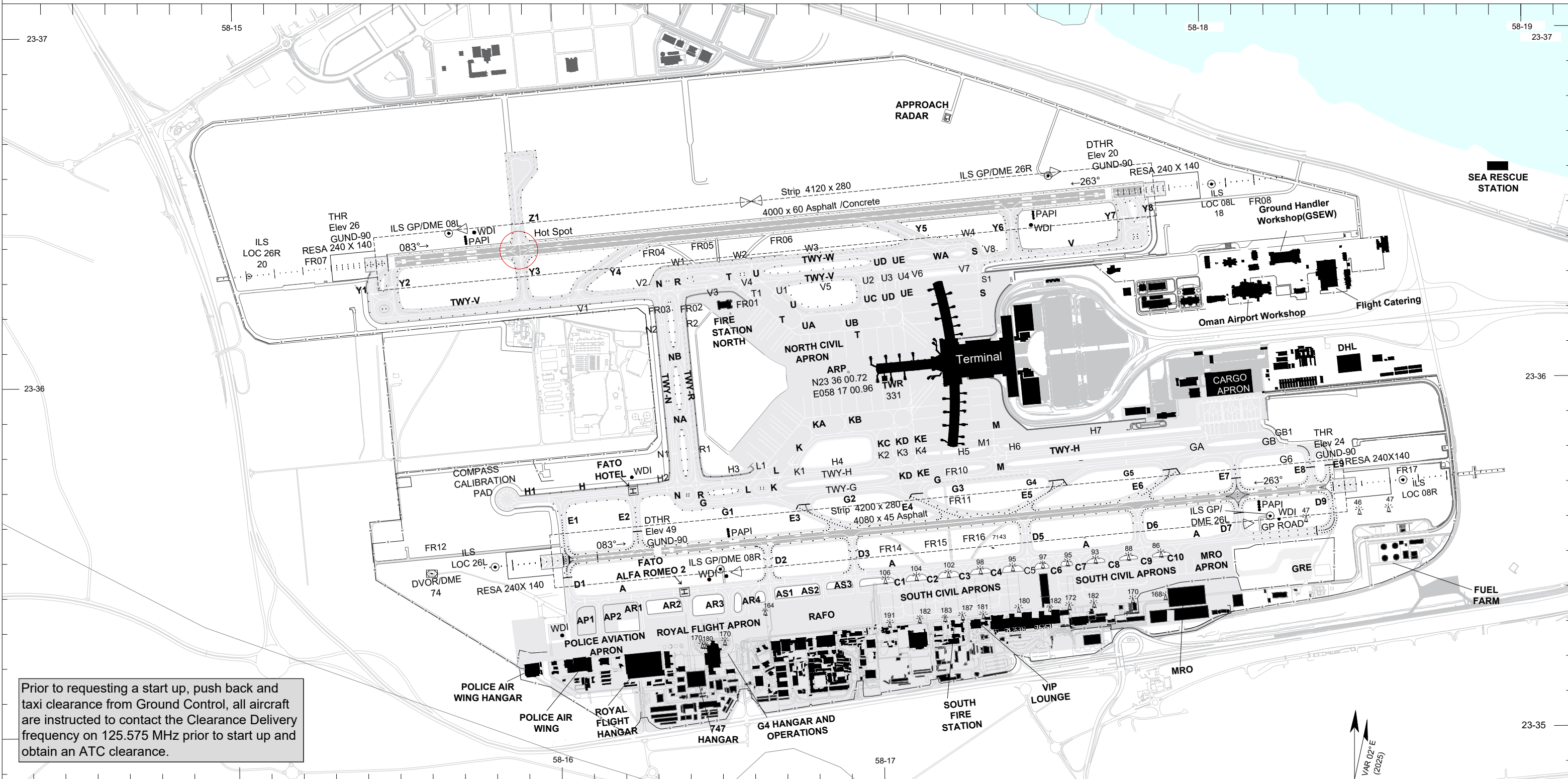
**AERODROME  
CHART – ICAO**

WGS-84

AD ELEV  
49 FT

Tower 118.825 GND 127.875, 121.800 ATIS 126.800  
Clearance delivery 125.575

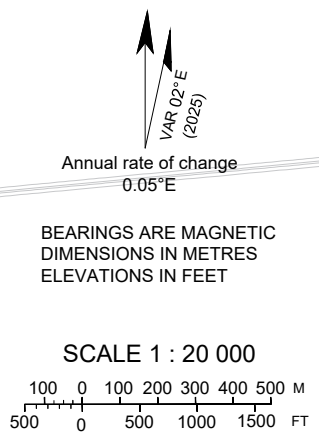
**MUSCAT/Muscat Intl  
OMAN**



Prior to requesting a start up, push back and taxi clearance from Ground Control, all aircraft are instructed to contact the Clearance Delivery frequency on 125.575 MHz prior to start up and obtain an ATC clearance.

RWY	DIRECTION	THRESHOLD	STRENGTH	DECLARED DISTANCES (metres)			
				TORA	TODA	ASDA	LDA
08L	85°(T)	N 23 36 21.27 E 058 15 28.63	PCN 91/F/A/W/T	4000m	4000m	4000m	4000m
	Intersection Y3 85°(T)			3312m	3312m	3312m	
26R	265°(T)	N 23 36 32.57 E 058 17 49.30	PCN 91/F/A/W/T	4000m	4000m	4000m	3840m
	Intersection Y6 265°(T)			3306m	3306m	3306m	
08R	85°(T)	N 23 35 30.02 E 058 16 00.92	PCN 91/F/A/W/T	4080m	4080m	4080m	3600m
26L	265°(T)	N 23 35 41.54 E 058 18 24.31	PCN 91/F/A/W/T	4080m	4080m	4080m	4080m

AERODROME LIGHTING	
RWY 08L/26R:	RWY 08R/26R:
ALS LIH (length 900m) PAPI-L (3.00°) RED LIH RTHL (green) RTIL (white) RENLIH (red) RTZL LIH (white) RCLL	ALS LIH (length 900m) PAPI-L (3.00°) RED RTHL (green) RTIL (white) RENLIH (red)
RWY: RETIL Blue Edge Light	RWY: RETIL Blue Edge Light Center Line Lights(green, yellow) RED (yellow) STL (red)



AMENDMENT : NEW SURVEY 2023

**AERODROME OBSTACLE CHART - ICAO**

MUSCAT/Muscat Intl  
OMAN

DIMENSIONS IN METERS AND ELEVATIONS IN FEET  
MAGNETIC VARIATION 02°E 2025

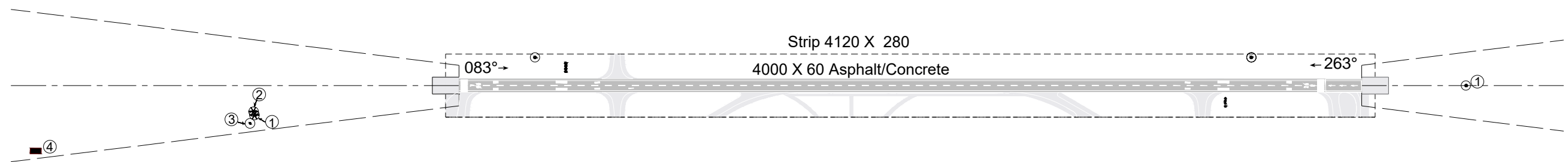
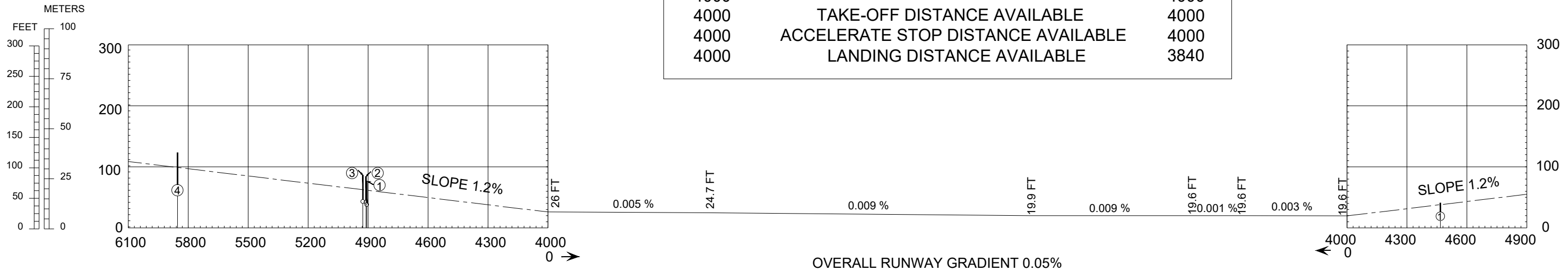
TYPE A (OPERATING LIMITATIONS)

**RWY 08 L / 26 R**

**DECLARED DISTANCES**

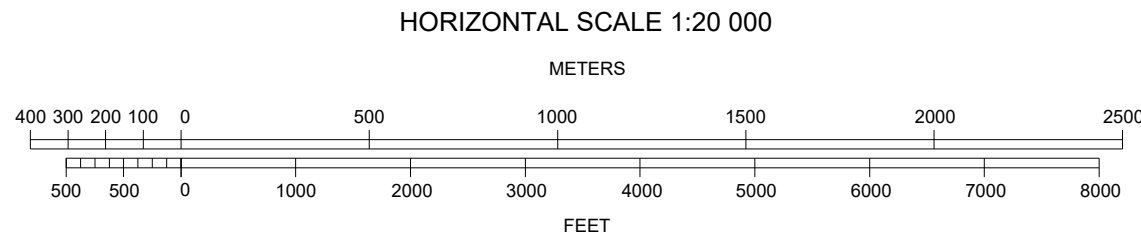
RWY 08 L		RWY 26 R
4000	TAKE-OFF RUN AVAILABLE	4000
4000	TAKE-OFF DISTANCE AVAILABLE	4000
4000	ACCELERATE STOP DISTANCE AVAILABLE	4000
4000	LANDING DISTANCE AVAILABLE	3840

VERTICAL SCALE  
1: 2 000



Nr	Obstacle	Elevation
①	Tree	77
②	Tree	84
③	Pole	87
④	Mosque	123

Nr	Obstacle	Elevation
①	ILS antenna	41



**AMEMNDMENT RECORD**

AMENDMENT : NEW SURVEY 2023

NO	Date	Entered by

ORDER OF ACCURACY  
HORIZONTAL +/- 3 M  
VERTICAL +/- 1 FT  
Aerodrome information SEP 2023  
Survey data SEP 2023

**LEGEND**

	PLAN	PROFILE
IDENTIFICATION NUMBER	①	①
GROUND LEVEL	▲	—
POLE, TOWER, SPIRE, ANTENNA, ETC.	●	①
TREE	✱	—
BULDING	■	—
MOBILE	⊖	⊖

**AERODROME OBSTACLE CHART - ICAO**

MUSCAT/Muscat Intl

TYPE A (OPERATING LIMITATIONS)

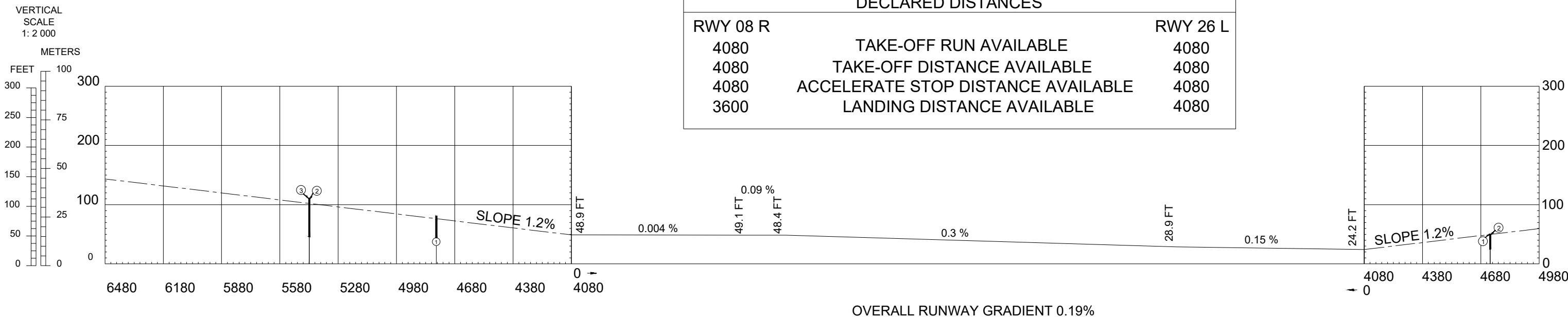
OMAN

DIMENSIONS IN METERS AND ELEVATIONS IN FEET  
MAGNETIC VARIATION 02°E 2025

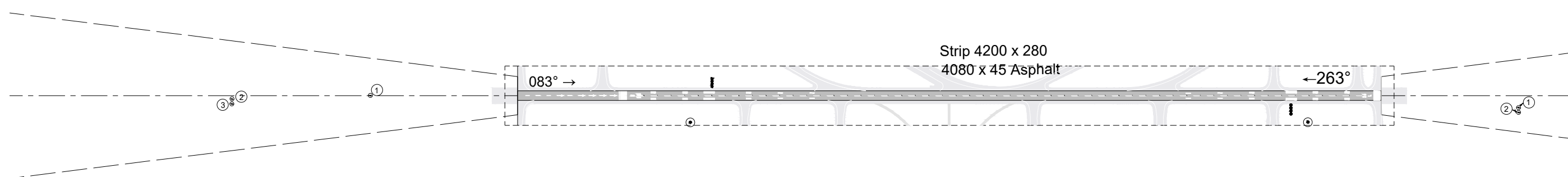
**RWY 08 R/26 L**

**DECLARED DISTANCES**

RWY 08 R		RWY 26 L
4080	TAKE-OFF RUN AVAILABLE	4080
4080	TAKE-OFF DISTANCE AVAILABLE	4080
4080	ACCELERATE STOP DISTANCE AVAILABLE	4080
3600	LANDING DISTANCE AVAILABLE	4080



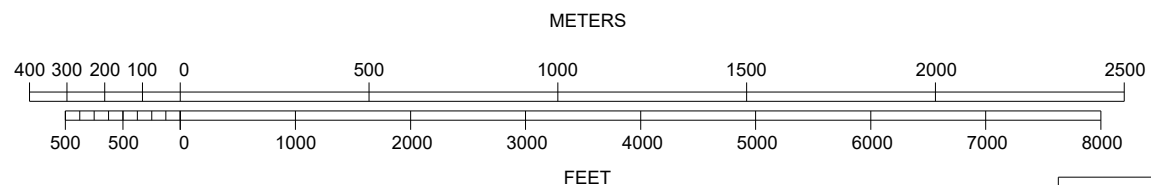
OVERALL RUNWAY GRADIENT 0.19%



Nr	Obstacle	Elevation
①	VOR + Antenna	81
②	Antenna	111
③	Antenna	112

Nr	Obstacle	Elevation
①	Pole	50
②	Pole	51

HORIZONTAL SCALE 1:20 000



**AMENDMENT RECORD**

No.	Date	Entered by

ORDER OF ACCURACY  
HORIZONTAL +/- 3 M  
VERTICAL +/- 1 FT  
Aerodrome information SEP 2023  
Survey data SEP 2023

**LEGEND**

	PLAN	PROFILE
IDENTIFICATION NUMBER	①	①
GROUND LEVEL	▲	—
POLE, TOWER, SPIRE, ANTENNA, ETC.	●	⊙
TREE	✱	✱
MOBILE	⊖	⊖

AMENDMENT : NEW SURVEY 2023