

VYMD — MANDALAY INTERNATIONAL

Note: The following sections in this chapter are intentionally left blank:
AD 2.16, AD 2.21.

VYMD AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VYMD — MANDALAY INTERNATIONAL

VYMD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	214203.86N 0955838.84E Centre of runway centre line
2	Direction and distance from city	30 KM South-West of Mandalay city
3	Elevation/Reference temperature	91.6 M (301 FT)/37.3°C
4	Geoid undulation at ARP	Nil
5	MAG VAR/Annual change	1° W (1956)/annual change negligible
6	AD Administration, address, telephone, telefax, telex, AFS	MC-JALUX AIRPORT SERVICES CO.LTD. Post: Mandalay International Airport MANDALAY DIVISION MYANMAR Tel: 95 2 4027019 Fax: 95 2 4027018 mailto: occ@mjas.com.mm AFTN: VYMDYDYX
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

VYMD AD 2.3 OPERATIONAL HOURS

1	AD Administration	H24
2	Customs and immigration	H24
3	Health and sanitation	Health: H24 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	HS
10	Security	H24
11	De-icing	Nil
12	Remarks	Nil

VYMD AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Cargo Terminal available with cargo X-Ray machine separately and cold storage room. Main Desk Loader: Capacity 7,000kg (7 Ton). Forklift (2.5 Ton), High Lift (6.8 Ton), 2 nos of 2.5 tons Hand lift, Tow Tractor, Container pallet dollies and 4 nos of belt loader.
2	Fuel/oil types	Fuel: JET, A1 Oil: Nil
3	Fuelling facilities/capacity	4 storage tanks subterranean fuelling system for 6 contact gates and by bowser for the remote gates.
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

VYMD AD 2.5 PASSENGER FACILITIES

1	Hotels	Numbers of Hotels available in Mandalay city
2	Restaurants	Numbers of restaurants available in Mandalay city
3	Transportation	Taxi services
4	Medical facilities	First aid
5	Bank and Post Office	Bank: Available at airport Post: Available at airport
6	Tourist Office	Nil
7	Remarks	Nil

VYMD AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 9
2	Rescue equipment	CAT 9
3	Capability for removal of disabled aircraft	MOU with crane service 55 tons crane available. Operation Control Centre Phone: +95-2-4027019 Fax: +95-4027018 mail: occ@mjas.com.mm
4	Remarks	Runway foaming not available in case of emergency.

VYMD AD 2.7 SEASONAL AVAILABILITY — CLEARING

There is no requirement for clearing as the aerodrome is available throughout the year.

VYMD AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength and area	Surface: Concrete Strength: PCN 55/R/A/W/T Area: 610 M x 244 M
2	Taxiway width, surface and strength	Width: 30 M /100 FT Surface: Concrete Strength: PCN 55/R/A/W/T
3	ACL location and elevation	Nil

4	VOR checkpoints	Nil
5	INS checkpoints	Nil
6	Remarks	Nil

VYMD AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Aircraft stand ID signs	Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. Guide lines at apron.
	TWY guide lines	
	Visual docking/parking guidance system	Nil
2	RWY and TWY markings and LGT	RWY: Designation, THR, TDZ, Centre line, edge. All marked and edge, THR and End lighted. TWY: Centre line, edge, Holding position at all TWY/RWY intersection. All marked and Edge lighted.
3	Stop bars	-
4	Remarks	Nil

VYMD AD 2.10 AERODROME OBSTACLES

In Area 2

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
MOZAR TAUNG	Nil	Building	213746.06N 0954730.90E	443M	Nil	LGT	Nil
SHWE MYIN DIN PAGODA	Nil	Building	214053.50N 0960746.80E	290M	Nil	LGT	Nil
SAGAING TAUNG	Nil	Building	215702.71N 0955823.26E	254M	Nil	LGT	Nil

In Area 3

Designator	Part ID	Type	Coordinates	ELEV	HGT	Marking/LGT type, colour	Remarks
1	2	3	4	5	6	7	8
Nil							

VYMD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Aviation Meteorological division, Tada-U
2	Address	AFTN: VYMDYMYX Phone: +95-2-4027043

VYMD AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE & MAG BRG	Dimensions of RWY	Strength (PCN) and surface of RWY and SWY	THR & RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
17	171°	4267 M x 61 M	55/R/A/W/T Concrete	214312.21N 0955826.44E	87.3M
35	351°			214055.32N 0955850.68E	91.6M

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions	OFZ	Remarks
7	8	9	10	11	12
0.23%	Nil	Nil	4387 M x 300 M	Nil	RESA 180M x 120M for RWY 17 (Earth surface cover with sand)
0.23%	Nil	Nil		Nil	RESA 90M x 120M for RWY 35 (Earth surface cover with sand)

VYMD AD 2.13 DECLARED DISTANCES

RWY Designator	THR or start of take off run	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6	7
17	THR	4267 M	4267 M	4267 M	4267 M	Nil
35	THR	4267 M	4267 M	4267 M	4267 M	Nil

VYMD AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL colour WBAR	VASIS (MEHT) PAPI	RTZL LEN	RCLL LEN, spacing, colour, INTST	REDL LEN, spacing, colour, INTST	RENL colour, WBAR	STWL LEN, colour	Remarks
1	2	3	4	5	6	7	8	9	10
17	PALS CAT I 900 M (from Threshold) White LIH	Green (Elevated)	Nil (20.6 M) PAPI	Nil	White (-Length 4267M Spacing 30M - Central Part of RWY ; White, Final 900M to 300M of RWY; Altn; Red and White -Final 300M of runway; Red Inset High Intensity)	White (Spacing 60 M White, Final 600 M of RWY end; Yellow, High Intensity)	Red	Nil	Nil
35	PALS CAT I 900 M (from Threshold) White LIH	Green (Elevated)	Nil (21.6 M) PAPI	Nil	White (-Length 4267M Spacing 30M - Central Part of RWY ; White, Final 900M to 300M of RWY; Altn; Red and White -Final 300M of runway; Red Inset High Intensity)	White (Spacing 60 M White, Final 600 M of RWY end; Yellow, High Intensity)	Red	Nil	Nil

6 REMOVAL OF DISABLE 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.

VYMD AD 2.22 FLIGHT PROCEDURES

1 General

1.1 To facilitate traffic coming in, going out from Mandalay International Airport for smooth traffic flow, though these are not SID/STAR, arrival and departure routes are promulgated.

2 Arrival Routes

2.1 Feeder routes are established linking airways and Mandalay International Airport as follows:

- a) Feeder Route 1 LEGOB - MIA/VOR
This feeder route is an ATS route diverging from airway B465 at LEGOB, a point where TMA of MIAP meets airway B465 and leading to MIA VOR.
- b) Feeder Route 2 IBONA - MDY/VOR - MIA/VOR
This feeder route is an ATS route commencing at a point where TMA of MIAP meets airway B463 extending MDY/VOR to MIA/VOR.
- c) Feeder Route 3 OROGA - MIA/VOR
This feeder route is an ATS route diverging from airway B465 at OROGA, a point where TMA of MIAP meets airway B465 and leading to MIA/VOR.
- d) Feeder Route 4 BOGIM - MIA/VOR
This feeder route is an ATS route diverging from airway B463 at BOGIM, a point where TMA of MIAP meets airway R207 and leading to MIA/VOR.
- e) Feeder Route 5 DOGIP - MIA/VOR
This feeder route is an ATS route diverging from airway B463 at DOGIP, a point where airway B463 meets TMA of MIAP and leading to MIA/VOR.

2.2 All arriving traffic are to proceed to MIA/VOR via established feeder routes for holding unless otherwise instructed by ATC.

3 Departure Routes

3.1 The departure routes are the reciprocity of Feeder Routes 1, 2, 3, 4 and 5.

All departing traffic are to establish feeder routes at 15 DME regardless of their departure runway unless otherwise instructed.

4 Point Name AND Coordinates

Point Name	Coordinates
LEGOB	220050N0945700E
IBONA	222105N0964800E
OROGA	213900N0970230E
BOGIM	210800N0965030E
DOGIP	204412.9N0961628.6E
MIA/VOR	214241.7N0955845.2E
MDY/VOR	215603.4N0960747.1E

5 Low Visibility Operations Procedure for Ground Vehicle

When it is required to operate traffic on the manoeuvring area in conditions of low visibility which prevent ATC from applying visual separation between aircraft or between aircraft and vehicles, the following shall apply:

1. Recall of non-essential vehicles from the manoeuvring area.
2. Two-way radio communication shall be maintained with all parties allowed on the manoeuvring area.
3. ATC shall, prior to a period of application of low visibility procedure, establish a record of vehicles and persons currently on the manoeuvring area.
4. At the intersection of taxiways, and aircraft or vehicles on a taxiway shall not be permitted to hold closer to the other taxiway than the holding position limit defined by a clearance bar, stop bar or taxiway intersection marking.
5. Any construction or maintenance actively is not undertaken in the proximity of aerodrome electrical systems at any time during low visibility operations.

VYMD AD 2.23 ADDITIONAL INFORMATION

1. Bird concentration in the vicinity of the airport.
 - a. Migratory birds appear in sizable numbers throughout the year.
 - b. Observed bird concentration in the vicinity of the airport mainly at sunrise and sunset, at low altitude (at to 500')
 - c. Highly recommendable the usage of landing light at all time.

Geographical Coordinates of Fixed Gates (Loading Bridges)

Fix Gate Stand (Loading Bridges)	Aircraf Types and Available	Coordinates
5	B-777, B-747 to B767, A330 or similar	214226.46N 955814.96E
6	B-737, A320, B-767	214224.55N 955815.28E
7	B-737,A320,B767	214222.43N 955815.62E
8	B-777, B747, to B767, A330 or similar	214220.71N 955849.26E
9	B-737, A320, B767	214217.80N 955816.37E
10	B-777, B-747 to B-767, A330 or smilar	214215.71N 955816.75E
Terminal Side Spot		
W1,W2,W3	Multi use from Business jet up to B747	
Remote Spots		
E1,E2,E3,E4,E5,E6,E7,E8,E9(Eastern Side of the Apron)	ATR, ERJ, CRJ, A320, B737	

VYMD AD 2.24 CHARTS RELATED TO AN AERODROME

- FEEDER ROUTES TO MANDALAY INTERNATIONAL AIRPORT [VYMD AD 2-8.1](#)
- AERODROME CHART - ICAO [AD 2.VYMD-ADC](#)
- INSTRUMENT APPROACH CHART - ICAO - RWY17-ILS/DME [AD 2.VYMD-ILS/DME17](#)
- INSTRUMENT APPROACH CHART - ICAO - RWY17 - VOR/DME [AD 2.VYMD-VOR/DME17](#)
- INSTRUMENT APPROACH CHART - ICAO - RWY35 - VOR/DME [AD 2.VYMD-VOR/DME35](#)
- INSTRUMENT APPROACH CHART - ICAO - RWY17 - NDB/DME [AD 2.VYMD-NDB/DME17](#)
- INSTRUMENT APPROACH CHART - ICAO - RWY35 - NDB/DME [AD 2.VYMD-NDB/DME35](#)

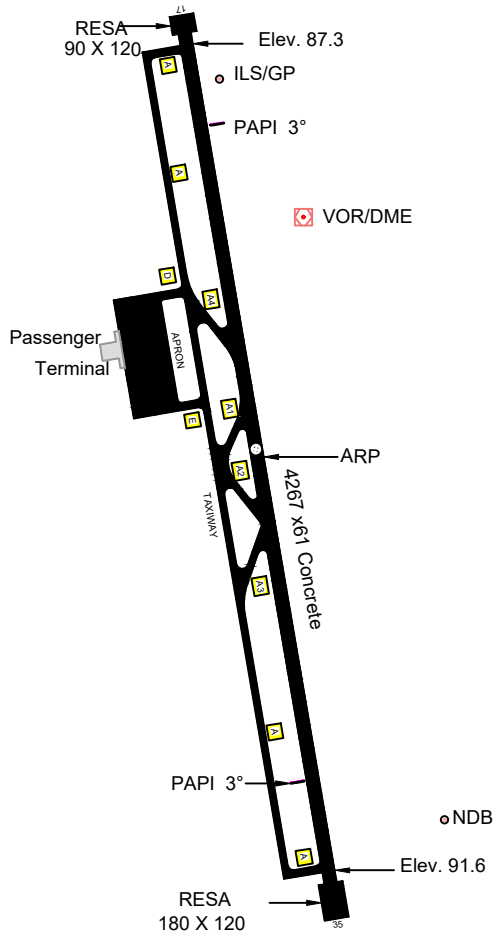
AERODROME CHART - ICAO

21°43' 12.21" N
95° 58' 26.44" E
AD ELEV 91.6 M

TWR 118.6

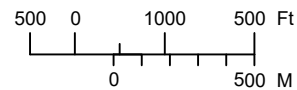
MANDALY INTL/AIRPORT

Tada-U

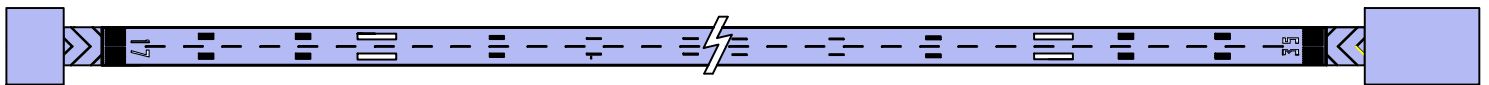


RWY	DIRECTION	THR	BEARING STRENGTH
17	171°	21°43' 12.21" N 95° 58' 26.44" E	PCN 55/R/A/W/T Runway
35	351°	21°40' 55.32" N 95° 58' 50.68" E	

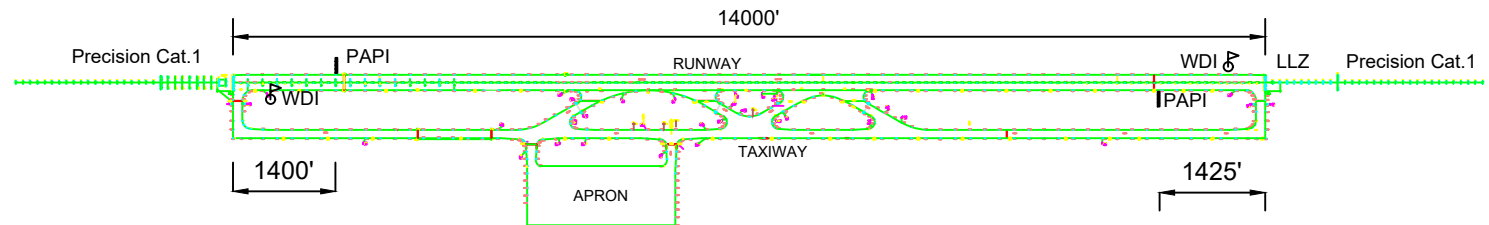
ELEVATION AND DIMENSION IN METER
BEARINGS ARE MAGNETIC



MARKING AIDS RWY 17/35



LIGHTING AIDS RWY 17/35



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