

AD 2. AERODROMES**VOMD AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

VOMD - MADURAI / INTL

VOMD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	095006N 0780519E 288 DEG/228M from RWY Intersection
2	Direction and distance of aerodrome reference point from the center of the city or town which the aerodrome serves	195 DEG, 9 KM from Madurai Railway Station
3	Aerodrome elevation and reference temperature	462 FT / 38.0 DEG C
4	Magnetic variation, date of information and annual change	2.25 DEG W (2010) /0.03 DEG E
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	Airports Authority of India, Madurai Airport, Madurai - 625022
	Telephone:	+91-452-2690717 +91-452-2690633 +91-9442541413
	Fax:	+91-452-2690151 +91-452-2690305
	AFS:	VOMDYHYX
	Email:	apdmadurai@aai.aero
6	Types of traffic permitted (IFR/VFR)	IFR/VFR
7	Remarks	NIL

VOMD AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	MON-FRI 0400-1230 UTC (0930-1800 IST) Sat, Sun & Holidays : - NIL
2	Custom and immigration	AVBL
3	Health and sanitation	Available on demand
4	AIS briefing office	As ATS
5	ATS reporting office (ARO)	As ATS
6	MET Briefing office	As ATS
7	Air Traffic Service	Consult NOTAM for current ATS HR.
8	Fuelling	As ATS
9	Handling	As ATS
10	Security	As ATS
11	De-icing	NIL
12	Remarks	Outside of ATS hours services are available O/R with 24 HR PN to AD.

VOMD AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Common User Domestic Cargo Terminal Available
2	Fuel and Oil types	ATF, K-50 NIL
3	Fuelling facilities and capacity	Indian oil corporation: 3 Bowsers (16000L, 11000L & 10000L) Reliance: 4 Bowsers (6000L, 6000L, 11000L & 18000L)

4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

VOMD AD 2.5 PASSENGER FACILITIES

1	Hotel(s) at or in the vicinity of aerodrome	In the city
2	Restaurant(s) at or in the vicinity of aerodrome	In the city
3	Transportation possibilities	Buses, Taxis during scheduled operations.
4	Medical Facilities	First aid at AD . Hospital in the city
5	Bank and post office at or in the vicinity of aerodrome	Banks: Bank at AD. from 0400 to 1230 UTC daily except Saturday, Sunday and Holiday. 24 HRS INDIAN BANK ATM in the Terminal Building. Post office: Airport Road, Perungudi Village, 1 KM from Airport.
6	Tourist office	Available
7	Remarks	NIL

VOMD AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	Aerodrome category for fire fighting	Within ATS HR: CAT-7
2	Rescue equipment	CFT – 3 (Rosen Bauer) Ambulance - 3
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

VOMD AD 2.7 SEASONAL AVAILABILITY CLEARING

1	Type(s) of clearing equipment	NIL
2	Clearance priorities	NIL
3	Remarks	AD serviceable during all seasons.

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

1	Designation, surface and strength of aprons	Designator: Bay No 1, 2, 3, 4 Surface: Concrete Strength: PCN 79/R/B/W/T Designator: Bay No 5, 6, 7 Surface: Concrete Strength: PCN 57/R/B/W/T
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2	Designation, width, surface and strength of taxiways	Designator: TWY A Width: 23 M Surface: Asphalt Strength: PCN 45/F/B/W/T Width: 23M Surface: Asphalt Strength: 68/F/A/W/T Surface: Concrete Strength: 53/R/C/W/T Width: 23M Surface: Asphalt Strength: 39/F/A/W/T Surface: Concrete Strength: 46/R/B/W/T
3	Location and elevation of altimeter checkpoints	Location At Aircraft Stands Elevation Stand No. Elevation 01-02 447 FT 03-07 444 FT
4	Location of VOR checkpoints	Taxi Holding Position at TWY A ,R-018 / 0.3NM
5	Position of INS checkpoints	NIL
6	Remarks	1. Isolation Bay: Dimensions: 91MX76M, PCN 46 R/B/W/T Coordinates: 094958.08N 0780531.77E 2. Coordinates of Runway Holding Position on TWY ‘A’: 095007.02N 0780526.63E 3. Coordinates of Runway Holding Position on TWY ‘B’: 095006.91N 0780521.89E. 4. For details of aircraft stands refer Aircraft Parking/ Docking Chart.

VOMD AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand identification signs, taxiway guidelines and visual docking/parking guidance system at aircraft stands	TAXI Guidance lines, APRON Stand Markings, Nose wheel markings, Apron safety lines. PAX Boarding Bridge (PBB) and Advanced Visual Docking Guidance System (A-VDGS) available for PRKG stands 1 and 2.
2	Runway and taxiway markings and lights	<p>RWY Markings: Designation, THR, Aiming point, Centreline, Edge Lights: Edge, THR and End.</p> <p>TWY Marking: Centreline, EDGE, Holding Positions Lights: Edge.</p>
3	Stop bars (if any)	NIL
4	Remarks	NIL

VOMD AD 2.10 AERODROME OBSTACLES

In Approach/Take-off/Circling Area and at AD					
1	2	3	4	5	6
RWY/Area affected	Obstacle type	Coordinates	Elevation	Marking/LGT	Remarks
27/APCH 09/TKOF	TREE	095002.8N 0780618.4E	479 FT	NIL	Group of trees
27/APCH 09/TKOF	TREE	095001.6N 0780614.5E	452 FT	NIL	Group of trees
27/APCH 09/TKOF	TREE	095005.2N 0780617.7E	454 FT	NIL	Group of trees
27/APCH 09/TKOF	TREE	095006.5N 0780617.4E	453 FT	NIL	Tree
27/APCH 09/TKOF	TREE	094956.5N 0780445.7E	472 FT	NIL	Tree
27/APCH 09/TKOF	TREE	094957.2N 0780444.3E	474 FT	NIL	Tree
27/APCH 09/TKOF	TREE	094956.4N 0780444.5E	473 FT	NIL	Tree
27/APCH 09/TKOF	TREE	095005.6N 0780444.5E	482 FT	NIL	Tree
27/APCH 09/TKOF	TREE	095005.6N 0780447.8E	482 FT	NIL	Tree
In circling area and at AD	TREE	095013.1N 0780558.7E	488 FT	NIL	Group of Trees
In circling area and at AD	ANTENNA	095002.1N 0780555.0E	485 FT	NIL	Glide Path Antenna
In circling area and at AD	TREE	095008.1N 0780452.1E	520 FT	NIL	Tree
In circling area and at AD	TOWER	095235.5N 0780409.1E	109 FT	LGTD	Tower on Hill top
In circling area and at AD	OTHER	095000.2N 0780524.9E	471 FT	NIL	WDI

VOMD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Name of the associated meteorological office	Madurai
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	HO Aerodrome Meteorological Station - Madurai
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Chennai (VOMM) 9HR (00-09,03-12,06-15 and 09-18 UTC)
4	Availability of the trend forecast for the aerodrome and interval of issuance	Appended to METAR/SPECI
5	Information on how briefing and/or consultation is provided	Provided
6	Types of flight documentation supplied and language(s) used in flight documentation	Tabular form English
7	Charts and other information displayed or available for briefing or consultation	AVBL.
8	Supplementary equipment available for providing information on meteorological conditions, e.g. weather radar and receiver for satellite images;	NIL
9	The air traffic services unit(s) provided with meteorological information	VOMD Aerodrome Control and Approach Control

10	Additional information, e.g. concerning any limitation of service.	Documentation provided as and when requested (A/R).
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VOMD AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations	TRUE Bearings	Dimensions of RWY (M)	Strength of pavement (PCN) and associated data) and surface of runway and associated stopways	Geographical coordinates for threshold and runway end
1	2	3	4	5
09	86.75 DEG	2285 x 45 M	68/F/A/W/T	THR: 095001.42N 0780451.03E
27	266.75 DEG	2285 x 45 M	68/F/A/W/T	THR: 095006.71N 0780603.77E

THR elevation and highest elevation of TDZ of precision APP RWY	Slope of runway and associated stopway	Dimensions of stopway (M)	Dimensions of clearway (M)	Dimensions of strips (M)
6	7	8	9	10
THR: 458.0FT TDZ: 462.0FT	0.50%	60 x 45 M	247 x 150	2525 x 150 M
THR: 429.0FT TDZ: 433.0FT	-0.50%	60 x 45 M	589 x 150	2525 x 150 M

Dimensions of runway end safety areas	Location and description of arresting system (if any)	Existence of an obstacle-free zone	Remarks.
11	12	13	14
90M x 150M			PCN from RWY 09 beginning to 460M: 92/R/B/W/T and rest 1825M 68/F/A/W/T. Slope of RWY and associated stopway: +0.3% to +0.5%
90M x 150M			PCN from RWY 27 beginning to 1825M: 68/F/A/W/T and rest 460M: 92/R/B/W/T Slope of RWY and associated stopway: -0.5% to -0.3%

VOMD AD 2.13 DECLARED DISTANCES

RWY Designator	Take-off run available TORA (M)	Take-off distance available TODA (M)	Accelerate distance available ASDA (M)	Landing distance available LDA (M)	Remarks (including runway entry or start point where alternative reduced declared distances have been declared)
1	2	3	4	5	6
09	2285	2532	2345	2285	
27	2285	2874	2345	2223	

VOMD AD 2.14 APPROACH AND RUNWAY LIGHTING

Runway Designator	Type, length and intensity of approach lighting system	Runway threshold lights, colour and wing bars	Type of visual slope indicator system	Length of runway touchdown zone lights
1	2	3	4	5
09	SALS 420 M	Green	PAPI LEFT/3.00 DEG MEHT (49.00FT)	
27	SALS 300 M	Green	PAPI LEFT/3.00 DEG MEHT (49.00FT)	
Length, spacing, colour and intensity of runway centre line lights	Length, spacing, colour and intensity of runway edge lights	Colour of runway end lights and wing bars	Length and colour of stopway lights	Remarks
6	7	8	9	10
	2285 M 60 M White LIH	Red		Cross Bar 30m
	2285 M 60 M White LIH	Red		Cross Bar 30m

VOMD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	At Tower Building FLG W&G EV 2 SEC As ATS HR
		IBN	----
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	One lighted, 250M south from the point of intersection of RWY & TWY A.
		Anemometer	At tower building, Unlighted
3	Taxiway edge and taxiway centre line lights;	Edge	ALL TWY
		Centre Line	NIL
4	Secondary power supply including switch-over time;	Secondary Power supply to all lighting at AD. Switch over time 15 Sec.	
5	Remarks	NIL	

VOMD AD 2.16 HELICOPTER LANDING AREA

1	Geographical coordinates of the geometric centre of touchdown and lift-off (TLOF) or of each threshold of final approach and take-off (FATO) area	
2	TLOF and/or FATO area elevation:	
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	
4	True bearings of FATO;	
5	Declared distances available	
6	Approach and FATO lighting;	
7	Remarks	Not established

VOMD AD 2.17 AIR TRAFFIC SERVICE AIRSPACE

1	Airspace designation, geographical coordinates and lateral limits	CTR: Circular area centered on VOR MDI (094952N 0780521E) within a 25NM radius.
2	Vertical limits	5500 FT
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	MADURAI TOWER, English
5	Transition altitude	6000 FT
6	Hours of applicability	AS ATS
7	Remarks	NIL

VOMD AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
APP	Madurai Approach	118.450 MHZ	
APP	Madurai Approach	122.800 MHZ	
TWR	MADURAI TOWER	118.450 MHZ	
TWR	MADURAI TOWER	122.800 MHZ	
ATIS	MADURAI INFO	128.850 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	As ATS	Alternate frequency
	AS ATS	NIL
	AS ATS	Alternate Frequency
	AS ATS	NIL
	AS ATS	NIL

VOMD AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aids, magnetic variation and type of supported operation for ILS/MLS, basic GNSS, SBAS and GBAS, and for VOR/ILS/MLS station used for technical lineup of the aid	Identification	Frequency(ies), Channel number(s), Service provider, and reference path identifier(s) (RPI), as appropriate	Hours of operation, as appropriate;
1	2	3	4
LOC 27	IMDR	110.500 MHz	AS ATS
GP 27	IMDR	329.600 MHz	
DME ILS 27	IMDR	CH42X	AS ATS
VOR/DME	MDI	116.100 MHz CH108X	H24
NDB	MD	400 kHz	As ATS

Geographical coordinates of the position of the transmitting antenna	Elevation of transmitting antenna of DME/ elevation of GBAS reference point	Service volume radius from the GBAS reference point	Remarks
5	6	7	8
095000.7N 0780441.0E			
095002.1N 0780554.9E			
095002.1N 0780554.9E	484 FT		Collocated with GP
094951.9N 0780520.5E	510 FT		
095031.9N 0780558.5E			

VOMD AD 2.20 LOCAL AERODROME REGULATIONS

NIL

VOMD AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VOMD AD 2.22 FLIGHT PROCEDURES

NIL

VOMD AD 2.23 ADDITIONAL INFORMATION

NIL

VOMD AD 2.24 CHARTS RELATED TO AN AERODROME

1. Aerodrome Chart
2. Aircraft Parking/Docking Chart
3. Aerodrome Obstacle Chart Type – A (Operating Limitations) RWY 09
4. Aerodrome Obstacle Chart Type – A (Operating Limitations) RWY 27
5. ILS Procedure RWY 27
6. VOR (Z) Procedure RWY 09
7. VOR (Z) procedure RWY 27
8. NDB Procedure RWY 27

AERODROME CHART

09°50'06.00"N
078°05'18.72"E

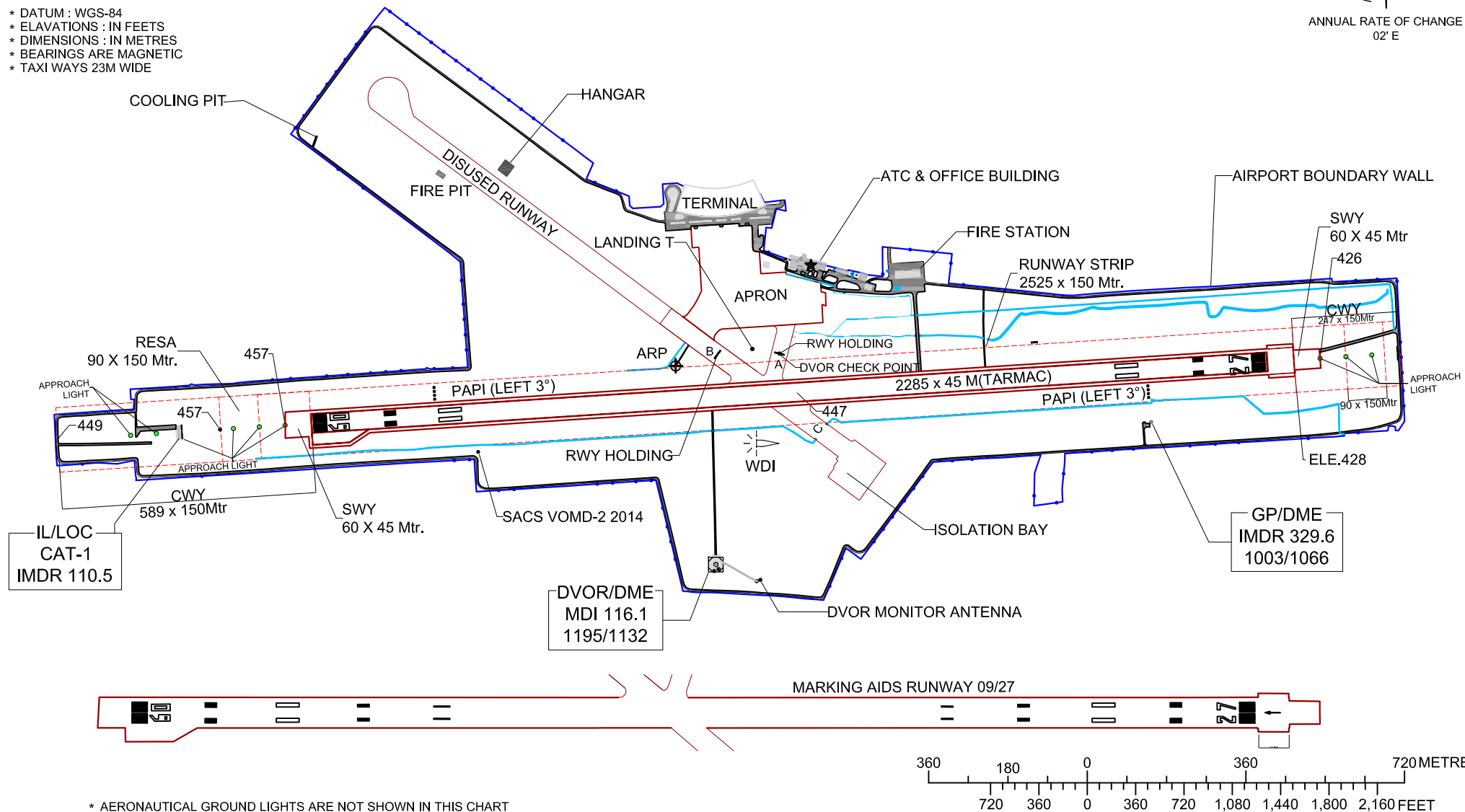
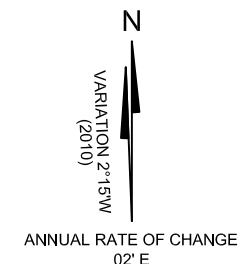
AD ELEV. 462

TWR 122.8/118.45

MADURAI, INDIA
MADURAI AIRPORT

RWY	DIRECTION	THR CO-ORDINATE	THR ELEV.	STRENGTH
09	089°	09°50'01.42"N 078°04'51.03"E	458	Begining upto 460m 92/R/B/W/T and Rest 1825m 68/F/A/W/T
27	269°	09°50'06.71"N 078°06'03.77"E	429	Begining upto 1825m 68/F/A/W/T and Rest 460m 92/R/B/W/T

* DATUM : WGS-84
* ELAVATIONS : IN FEET
* DIMENSIONS : IN METRES
* BEARINGS ARE MAGNETIC
* TAXI WAYS 23M WIDE



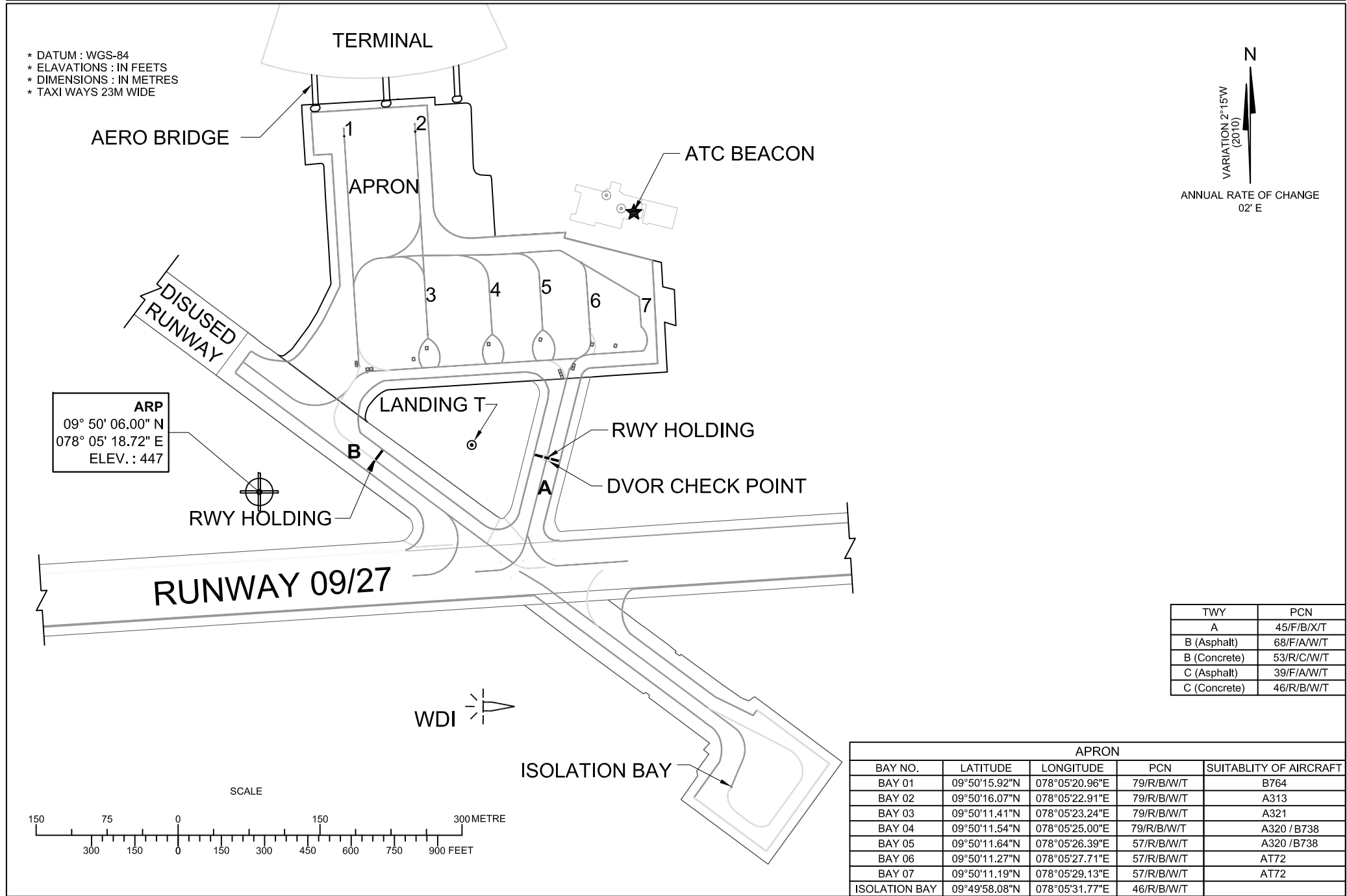
DATE OF AERONAUTICAL INFORMATION
DEC. 2015

AIRCRAFT PARKING /
DOCKING CHART

APRON ELEV. 445

TWR 122.8

MADURAI,INDIA
MADURAI AIRPORT



DATE OF AERONAUTICAL INFORMATION
MARCH 2016

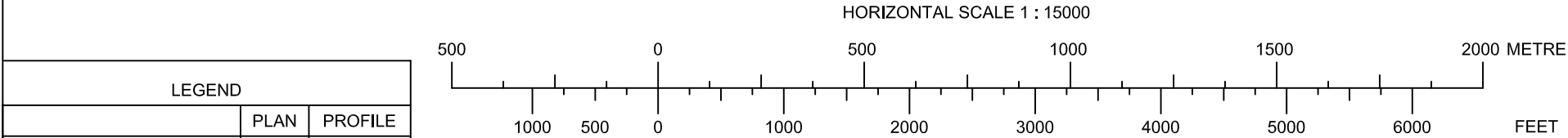
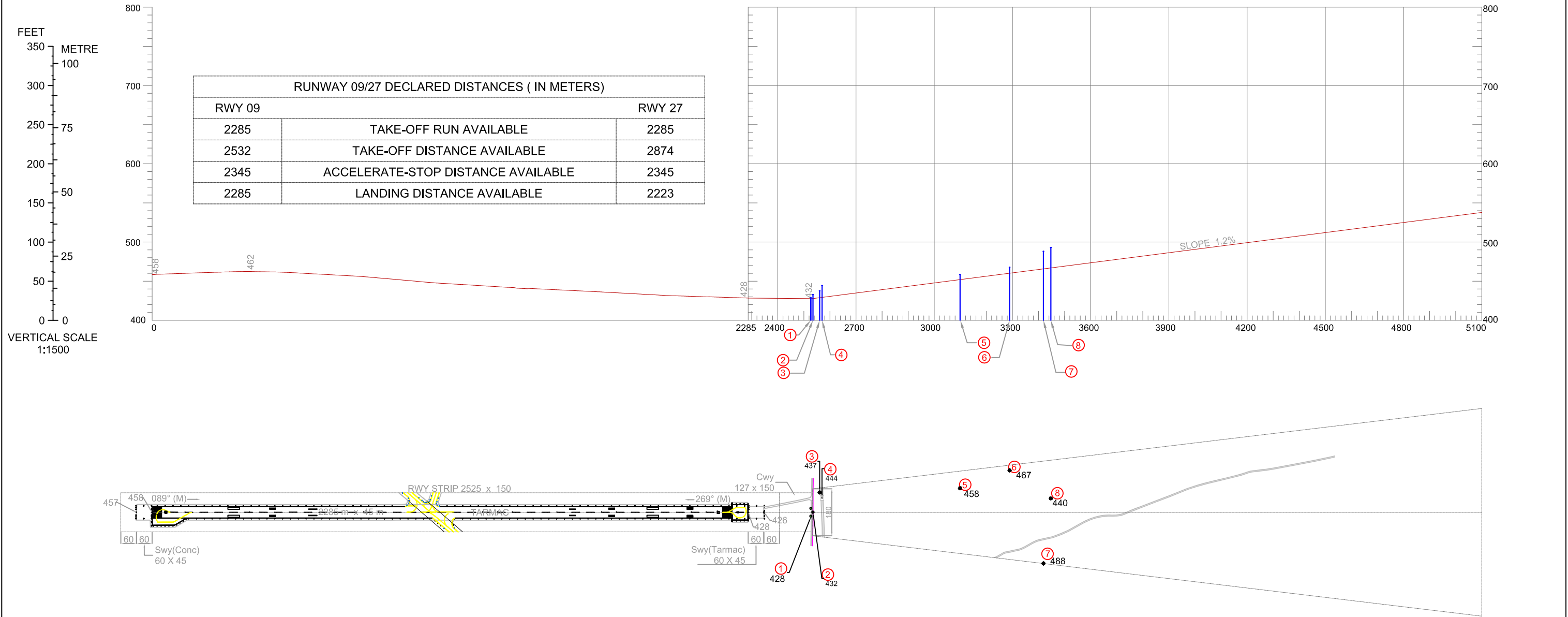
ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METERS

AERODROME OBSTACLE CHART

TYPE - A (OPERATING LIMITATION)

INDIA / MADURAI
MADURAI AIRPORT / RWY 09

MAGNETIC VARIATION 2°15'W (2010)



ORDER OF ACCURACY	
HORIZONTAL	3.0m
VERTICAL	1ft

AMENDMENT RECORD		
NO.	DATE	ENTERED BY

- NOTES:
- THE OBJECTS THAT HAVE BEEN SHIELDED DUE TO PRESENCE OF OTHER HIGHER OBJECTS HAVE NOT BEEN SHOWN IN CHART.
 - OBSTRUCTIONS IN THE FORM OF TREES WHICH ARE BEING CUT OR PRUNED HAVE NOT BEEN TAKEN INTO CONSIDERATION FOR ESTABLISHING THRESHOLD DISPLACEMENT.
 - DATUM - ALL ELEVATIONS ARE AMSL.
 - PERIPHERY ROAD WITHOUT TRAFFIC IS NO OBSTACLE.
 - CONSULT NOTAMFOR LATEST INFORMATION.
 - RWY DIRECTIONS ROUNDED TO NEAREST DEGREE.(MAGNETIC)
(IN DEGREE MINUTE : RWY 09/27 = 088°50' / 268°50'(TAKEN UPTO 2015)
 - ALL OBSTACLES SHOWN IN THIS CHART ARE BASED ON AERONAUTICAL OBSTACLE SURVEY JANUARY 2015.

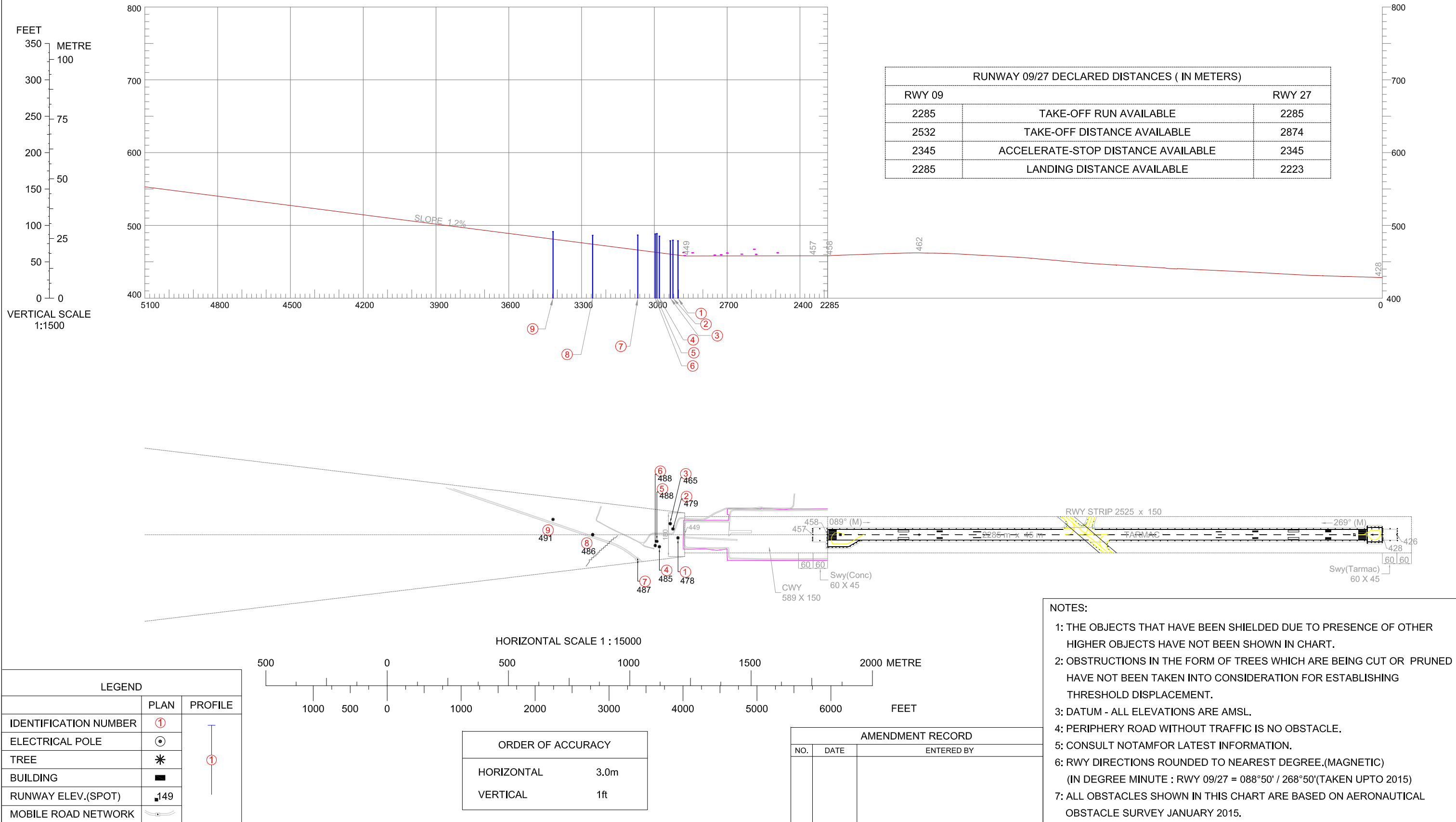
ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METERS

AERODROME OBSTACLE CHART

TYPE - A (OPERATING LIMITATION)

INDIA / MADURAI
MADURAI AIRPORT / RWY 27

MAGNETIC VARIATION 2°15'W (2010)



INSTRUMENT
APPROACH
CHARTAERODROME ELEV 462ft.
HEIGHTS RELATED TO
THR RWY 27-ELEV 429ftAPP.122.8
TWR.122.8MADURAI
INDIA
ILS RWY27