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INDIA
AERONAUTICAL INFORMATION SERVICE
AIRPORTS AUTHORITY OF INDIA
RAJIV GANDHI BHAVAN
SAFDARJUNG AIRPORT
NEW DELHI – 110003

112/2019

30 JUL 2019

File No. AAI/ATM/AIS/09-09/2019

Following supplement is issued for information, guidance and necessary action.

sd/-
डॉ. गुरुप्रसाद मोहपात्रा
DR. GURUPRASAD MOHAPATRA
अध्यक्ष/CHAIRMAN
भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

[EFFECTIVE DATE: 12 SEP 2019]

AERODROME DATA
TIRUPATI AIRPORT (VOTP)

VOTP AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VOTP/ TIRUPATI

VOTP AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	**133758.67N 0793230.87E MAG.BRG. 79.11 DEG / 971M from physical extremity RWY 08**
3	Aerodrome elevation and reference temperature	**352 FT** / 42.0 DEG C
4	Magnetic Variation, date of information and annual change	**1.75 DEG W (2010) / 0.016 DEG E**

Amend VOTP AD 2.2 of eAIP India accordingly.

VOTP AD 2.3 OPERATIONAL HOURS

12	Remarks	ATS approved hourly Runway traffic handling capacity	**Maximum number of arrival and departure- 12 (The minimum spacing BTN two successive ARR shall be more than 5 min)** **Maximum number of arrival only – 06** **Maximum number of departure only -10**

Amend VOTP AD 2.3 of eAIP India accordingly.

VOTP AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

3	Capability for removal of disabled aircraft	**A321**

Amend VOTP AD 2.2 of eAIP India accordingly.

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

1	Designation, surface and strength of aprons	Designation	**OLD APRON**	**NEW APRON**
		Surface	**Concrete/Asphalt**	**Concrete**
		Strength	**PCN 57/R/B/X/T**	**PCN 60/R/B/X/T**
2	Designation, width, surface and strength of taxiways	Designation	**Refer Parking/Docking chart**	
		Width		
		Surface		
		Strength		
3	Location and elevation of altimeter checkpoints	**Location**	**Elevation**	
		Stand 1	**102.6M**	
		Stand 2	**102.5M**	
		Stand 3	**102.4M**	
		Stand 4	**99.5M**	
		Stand 5	**99.8M**	
		Stand 6	**99.4M**	
		Stand 7	**99.8M**	
		Stand 8	**99.5M**	
4	Location of VOR checkpoints	**On TWY A** **105M from RWY Central Line BRG and distance from VOR (TTP) R268 DEG/1.21NM** **Coordinates: 133800.32N/0793235.75E** **Elevation: 339FT**		
		On TWY B **105M from RWY Central Line BRG and distance from VOR (TTP) R270 DEG/0.85NM** **Coordinates: 133803.58N/0793258.04E** **Elevation: 334FT**		
6	Remarks	**Size of Old Apron: 159.50M X 120M** **Size of New Apron: 152.50M X 144.5M**		

Amend VOTP AD 2.2 of eAIP India accordingly.

VOTP AD 2.10 AERODORME OBSTACLES

RWY/Area affected	Obstacle type	Coordinates	Elevation (EGM-08) in FT	Marking/ LGT	Remarks
1	2	3	4	5	6
APCH08 TKOF26	OTHER	133726.97N 0793009.56E	518	-	PYLON MAST
APCH08 TKOF26	OTHER	133755.91N 0793022.09E	501	-	PYLON MAST
APCH08 TKOF26	FENCE	133754.00N 0793153.20E	361	-	AIRPORT BOUNDARY WALL WITH FENCING ON TOP
APCH08 TKOF26	OTHER	133753.73N 0793156.42E	367	-	MOBILE ROAD TRAFFIC (ROAD ELEV 106.8 m + 5.0M TRAFFIC HEIGHT)
APCH08 TKOF26	OTHER	133748.15N 0793153.79E	367	-	MOBILE ROAD TRAFFIC (ROAD ELEV 106.9 m + 5.0M TRAFFIC HEIGHT)
APCH08 TKOF26	TREE	133753.16N 0793144.94E	378	-	TREE
APCH08 TKOF26	OTHER	133732.97N 0793024.61E	518	-	PYLON MAST
APCH08 TKOF26	OTHER	133725.91N 0793014.06E	526	-	PYLON MAST
APCH08 TKOF26	OTHER	133721.02N 0792959.82E	503	-	PYLON MAST
APCH26 TKOF08	OTHER	133800.75N 0793319.42E	343	-	MOBILE ROAD TRAFFIC MOBILE ROAD 99.5 m + 5.0 TRAFFIC HEIGHT
APCH26 TKOF08	NATURAL HIGHPOINT	133804.47N 0793923.50E	1115	-	HILL

In Circling Area at AD	OTHER	133751.61N 0793157.36E	354	-	APPROACH LIGHT
In Circling Area at AD	FENCE	133755.36N 0793202.41E	360	-	AIRPORT BOUNDARY WALL WITH FENCING ON TOP
In Circling Area at AD	POLE	133748.92N 0793159.40E	365	-	LIGHT POLE
In Circling Area at AD	FENCE	133750.00N 0793207.08E	357	-	AIRPORT BOUNDARY WALL WITH FENCING ON TOP
In Circling Area at AD	OTHER	133753.03N 0793159.05E	352	-	ELECTRICAL JUNCTION BOX
In Circling Area at AD	WALL	133748.80N 0793158.65E	357	-	BOUNDARY WALL
In Circling Area at AD	OTHER	133816.25N 0793015.14E	517	LGT	MAST
In Circling Area at AD	OTHER	133803.18N 0793316.50E	334	-	APPROACH LIGHT
In Circling Area at AD	OTHER	133803.03N 0793315.51E	334	-	APPROACH LIGHT
In Circling Area at AD	NAV-AID	133805.63N 0793305.80E	350	LGT	GP MONITOR ANTENNA (L)
In Circling Area at AD	NAV-AID	133805.29N 0793303.51E	395	LGT	GP ANTENNA ROD TOP GP ANTENNA 119.3M
In Circling Area at AD	NAV-AID	133805.30N 0793303.50E	352	LGT	GP DME (L)
In Circling Area at AD	BUILDING	133805.28N 0793303.16E	342	-	GP HUT
In Circling Area at AD	BUILDING	133805.25N 0793303.25E	344	-	GP HUT

In Circling Area at AD	FENCE	133759.93N 0793315.41E	338	-	AIRPORT BOUNDARY WALL WITH FENCING ON TOP
In Circling Area at AD	BUILDING	133800.23N 0793316.76E	338	-	SECURITY HUT
In Circling Area at AD	OTHER	133758.81N 0793304.94E	355	-	WIND SOCK
In Circling Area at AD	BUILDING	133757.21N 0793215.56E	353	-	SECURITY HUT
In Circling Area at AD	OTHER	133801.11N 0793226.38E	365	-	WDI
In Circling Area at AD	POLE	133757.80N 0793259.89E	348	-	POLE
In Circling Area at AD	BUILDING	133751.70N 0793218.03E	354	-	SECURITY HUT
In Circling Area at AD	BUILDING	133751.35N 0793216.03E	358	-	SECURITY HUT
In Circling Area at AD	T.V. RELAY TOWER ON NATURAL HIGHPOINT	134138.58N 0791933.28E	4065	-	T.V. RELAY TOWER ON TIRUMALA HILL
In Circling Area at AD	MAST ON NATURAL HIGHPOINT	134105.76N 0791941.57E	3940	-	MAST ON HILL TOP
In Circling Area at AD	WIND MILL ON NATURAL HIGHPOINT	134147.20N 0792133.64E	3402	-	WIND MILL ON HILL TOP
In Circling Area at AD	DANGER INDICATION BOARD ON NATURAL HIGHPOINT	133936.80N 0792148.98E	3248	-	DANGER INDICATION BOARD ON HILL
In Circling Area at AD	MAST ON NATURAL HIGHPOINT	133930.04N 0792257.93E	2785	-	MAST ON HILL TOP
In Circling Area at AD	NATURAL HIGHPOINT	134016.13N 0792351.32E	2677	-	HILL TOP

In Circling Area at AD	NATURAL HIGHPOINT	134027.78N 0792642.61E	1903	-	HILL TOP
In Circling Area at AD	NATURAL HIGHPOINT	134019.54N 0792837.17E	1319	-	HILL TOP
In Circling Area at AD	NATURAL HIGHPOINT	133656.68N 0793852.95E	2759	-	KANDADU KONDA (HILL(ROCK)TOP)
In Circling Area at AD	SOLAR LIGHT ON NATURAL HIGHPOINT	133640.18N 0794102.01E	2808	LGT	SOLAR LIGHT ON HILL TOP
In Circling Area at AD	NATURAL HIGHPOINT	133516.74N 0793927.52E	2713	-	HILL TOP
In Circling Area at AD	SOLAR LIGHT ON NATURAL HIGHPOINT	133047.72N 0793720.60E	3425	LGT	SOLAR LIGHT ON HILL TOP
In Circling Area at AD	NATURAL HIGHPOINT	133115.40N 0793516.06E	3094	-	HILL(ROCK)TOP
In Circling Area at AD	SOLAR LIGHT ON NATURAL HIGHPOINT	133152.40N 0793349.36E	2405	LGT	SOLAR LIGHT ON HILL TOP
In Circling Area at AD	OTHER	133651.05N 0793048.46E	545	-	COMMUNICATION MAST
In Circling Area at AD	NATURAL HIGHPOINT	133149.64N 0792721.03E	2474	-	HILL(ROCK)TOP
In Circling Area at AD	NATURAL HIGHPOINT	134227.12N 0792950.75E	994	-	HILL TOP
In Circling Area at AD	TREE ON NATURAL HIGHPOINT	134258.93N 0793356.05E	2247	-	TREE ON HILL TOP
In Circling Area at AD	TREE ON NATURAL HIGHPOINT	134230.74N 0793440.65E	1985	-	TREE ON HILL TOP

Replace VOTP AD 2.10 Table of eAIP India accordingly.

VOTP AD 2.12 RUNWAY PHYSICAL CHARACTERSTICS

Designations	**True Bearings**	**Dimensions of RWY (M)**	**Strength of pavement (PCN) and associated data) and surface of runway and associated stop ways**	**Geographical coordinates for threshold and runway end**
1	**2**	**3**	**4**	**5**
08	**81.50 DEG**	**2285** X **45**	63/F/D/X/T Asphalt	**THR: 133751.90N 0793159.33E RWY END: 133802.89N 0793314.52E**
26	**261.50 DEG**	**2285** X **45**	63/F/D/X/T Asphalt	**THR: 133802.89N 0793314.52E RWY END: 133751.90N 0793159.33E**
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 352FT TDZ 352FT	-0.25%	NIL	NIL	**2405 X 150**
THR 333FT TDZ 337FT	-0.25%	NIL	NIL	**2405 X 150**
Dimensions of runway end safety areas (M)	**Location and description of arresting system (if any)**	**Existence of an obstacle-free zone**	**Remarks**.	
11	**12**	**13**	**14**	
90 X 90			Nil	
90 X 90			Nil	

Amend VOTP AD 2.12 of eAIP India accordingly.

VOTP AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks (including runway entry or start point where alternative reduced declared distances have been declared)
1	**2**	**3**	**4**	**5**	**6**
08	**2285**	**2285**	**2285**	**2285**	
26	**2285**	**2285**	**2285**	**2285**	

Amend VOTP AD 2.12 of eAIP India accordingly.

VOTP 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**
08	SALS 420 M LIH	Green	PAPI LEFT 3.00 DEG	NIL
26	CAT I PALS 900 M LIH	Green	PAPI LEFT 3.20 DEG	NIL
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**
NIL	**2285 M** 60 M WHITE LIH	RED	NIL	Standby HIRL system AVBL
NIL	**2285 M** 60 M WHITE LIH	RED	NIL	PAPI RWY 26 Dist FM THR 26 is 322.8M synchronized with GP/ILS RWY 26 Standby HIRL system AVBL

Amend VOTP AD 2.14 of eAIP India accordingly.

VOTP AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aids, magnetic and type of supported operation for ILS/MLS, basic GNSS, SBAS and GBAS, and for VOR/ILS/MLS station used for technical line-up of the aid	Identification	Frequency(ies), Channel number(s), Service provider, and reference path identifier(s) (RPI), as appropriate	Hours of operation, as appropriate;	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
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
LOC 26	ITPY	111.3 MHz	As ATS	**133750.556N 0793150.116E**			
GP 26		332.3MHz	As ATS	**133805.287N 0793303.507E**			
DME ILS 26	ITPY	CH50X	As ATS	**133805.302N 0793303.496E**	**352**		Collocated with GP 26 **Elevation in EGM08**
DVOR	TTP	115.7MHz	As ATS	**133805.239N 0793348.671E**			
DME	TTP	CH104X	As ATS	**133805.428N 0793349.019E**	**348**		Collocated with DVOR **Elevation in EGM08**

Amend VOTP AD 2.19 and ENR4.1 of e-AIP India accordingly.

AMENDMENTS/ CANCELLATIONS:

1. **Insert** following Charts of this AIP Supplement in VOTP AD 2.24 of eAIP India.

i. Aerodrome Chart

ii. Aircraft Parking/Docking Chart

iii. Aerodrome Obstacle Chart Type A (Operating Limitations) RWY 08

iv. Aerodrome Obstacle Chart Type A (Operating Limitations) RWY 26

2. **Cancel** NOTAM C0395/10 of VOMMYNYX

3. **Cancel** NOTAM C0059/19 of VOMMYNYX.

4. **Cancel** NOTAM C0095/19 of VOMMYNYX.

5. **Cancel** NOTAM C0258/19 of VOMMYNYX.

AERODROME CHART

13°37'58.67" N
79°32'30.87" E

ELEV. 352

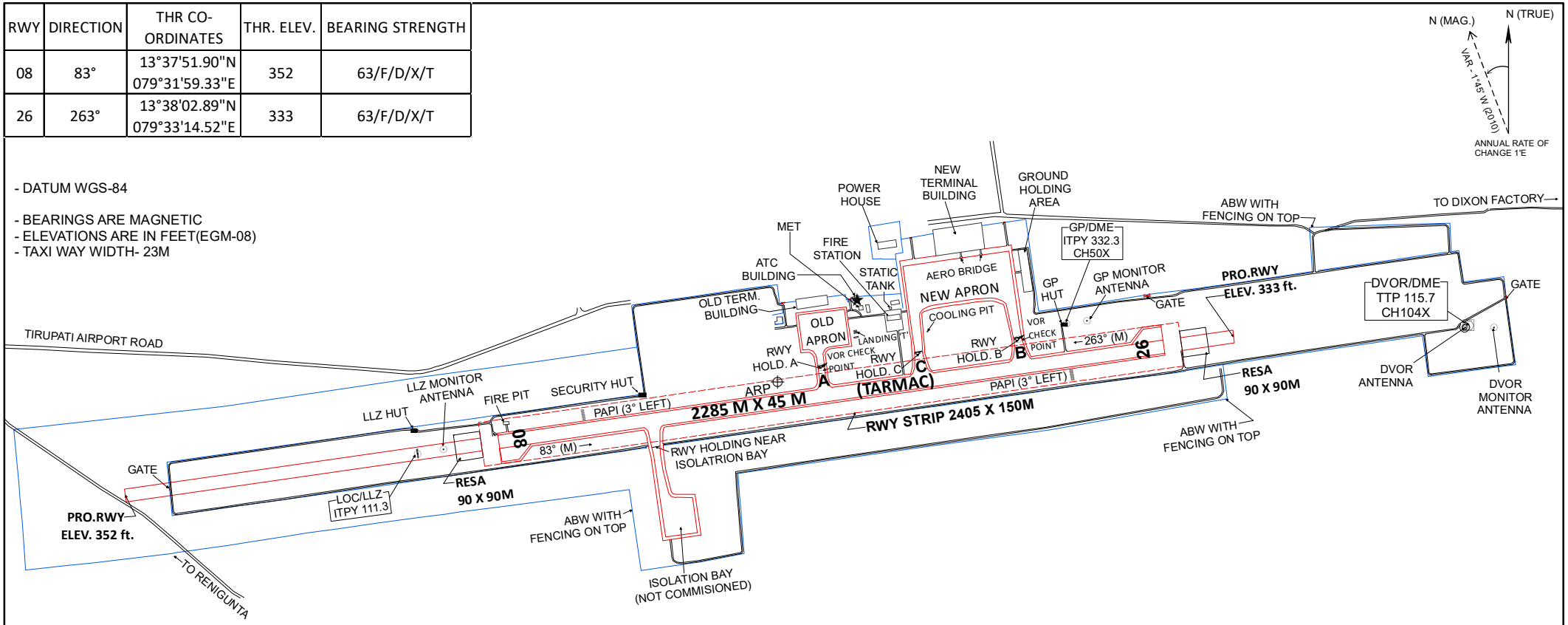
TWR 124.300
STD BY 119.000

TIRUPATI, INDIA
TIRUPATI AIRPORT

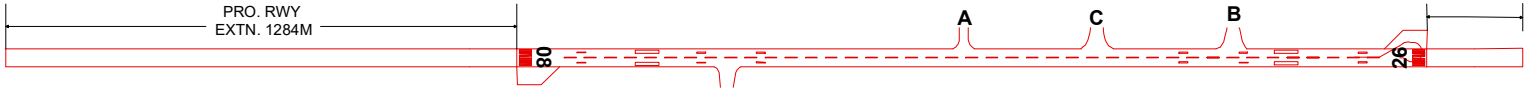
RWY	DIRECTION	THR CO-ORDINATES	THR. ELEV.	BEARING STRENGTH
08	83°	13°37'51.90"N 079°31'59.33"E	352	63/F/D/X/T
26	263°	13°38'02.89"N 079°33'14.52"E	333	63/F/D/X/T

- DATUM WGS-84

- BEARINGS ARE MAGNETIC
- ELEVATIONS ARE IN FEET(EGM-08)
- TAXI WAY WIDTH- 23M



MARKING AIDS RWY 08/26



LIGHTING DETAILS RWY 08/26

LEGEND	
RWY HOLDING POSITION	
VOR CHECK POINT	

0 240 480 720 960 METRE
0 950 1,900 2,850 3,800 FEET

DATE OF AERONAUTICAL INFORMATION
JANUARY 2019

AIRPORTS AUTHORITY OF INDIA

AIRCRAFT PARKING/
DOCKING CHART

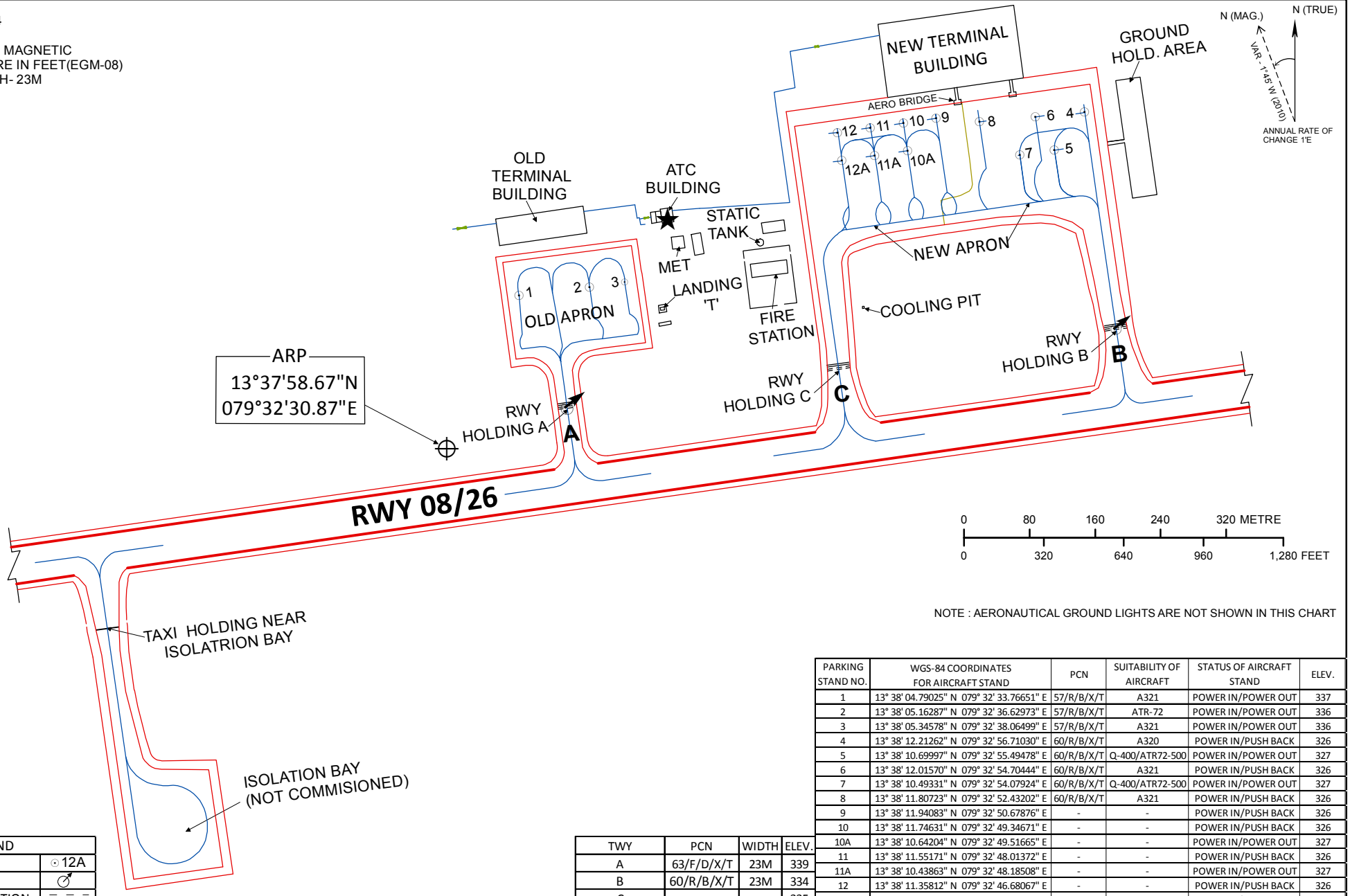
NEW APRON ELEV. 327
OLD APRON ELEV. 337

TWR 124.300
STD BY 119.000

TIRUPATI, INDIA
TIRUPATI AIRPORT

- DATUM WGS-84

- BEARINGS ARE MAGNETIC
- ELEVATIONS ARE IN FEET(EGM-08)
- TAXI WAY WIDTH- 23M



NOTE : AERONAUTICAL GROUND LIGHTS ARE NOT SHOWN IN THIS CHART

LEGEND	
AIRCRAFT STAND	⊙12A
VOR CHECK POINT	
RWY HOLDING POSITION	

TWY	PCN	WIDTH	ELEV.
A	63/F/D/X/T	23M	339
B	60/R/B/X/T	23M	334
C	-	-	335

PARKING STAND NO.	WGS-84 COORDINATES FOR AIRCRAFT STAND	PCN	SUITABILITY OF AIRCRAFT	STATUS OF AIRCRAFT STAND	ELEV.
1	13° 38' 04.79025" N 079° 32' 33.76651" E	57/R/B/X/T	A321	POWER IN/POWER OUT	337
2	13° 38' 05.16287" N 079° 32' 36.62973" E	57/R/B/X/T	ATR-72	POWER IN/POWER OUT	336
3	13° 38' 05.34578" N 079° 32' 38.06499" E	57/R/B/X/T	A321	POWER IN/POWER OUT	336
4	13° 38' 12.21262" N 079° 32' 56.71030" E	60/R/B/X/T	A320	POWER IN/PUSH BACK	326
5	13° 38' 10.69997" N 079° 32' 55.49478" E	60/R/B/X/T	Q-400/ATR72-500	POWER IN/POWER OUT	327
6	13° 38' 12.01570" N 079° 32' 54.70444" E	60/R/B/X/T	A321	POWER IN/PUSH BACK	326
7	13° 38' 10.49331" N 079° 32' 54.07924" E	60/R/B/X/T	Q-400/ATR72-500	POWER IN/POWER OUT	327
8	13° 38' 11.80723" N 079° 32' 52.43202" E	60/R/B/X/T	A321	POWER IN/PUSH BACK	326
9	13° 38' 11.94083" N 079° 32' 50.67876" E	-	-	POWER IN/PUSH BACK	326
10	13° 38' 11.74631" N 079° 32' 49.34671" E	-	-	POWER IN/PUSH BACK	326
10A	13° 38' 10.64204" N 079° 32' 49.51665" E	-	-	POWER IN/POWER OUT	327
11	13° 38' 11.55171" N 079° 32' 48.01372" E	-	-	POWER IN/PUSH BACK	326
11A	13° 38' 10.43863" N 079° 32' 48.18508" E	-	-	POWER IN/POWER OUT	327
12	13° 38' 11.35812" N 079° 32' 46.68067" E	-	-	POWER IN/PUSH BACK	326
12A	13° 38' 10.23594" N 079° 32' 46.85436" E	-	-	POWER IN/POWER OUT	327

DATE OF AERONAUTICAL INFORMATION
JANUARY 2019

AIRPORTS AUTHORITY OF INDIA

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

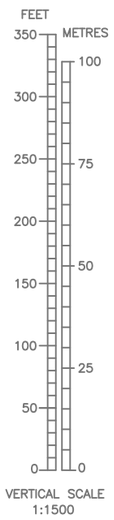
AERODROME OBSTACLE CHART

TYPE –A (OPERATING LIMITATIONS)

INDIA/TIRUPATI

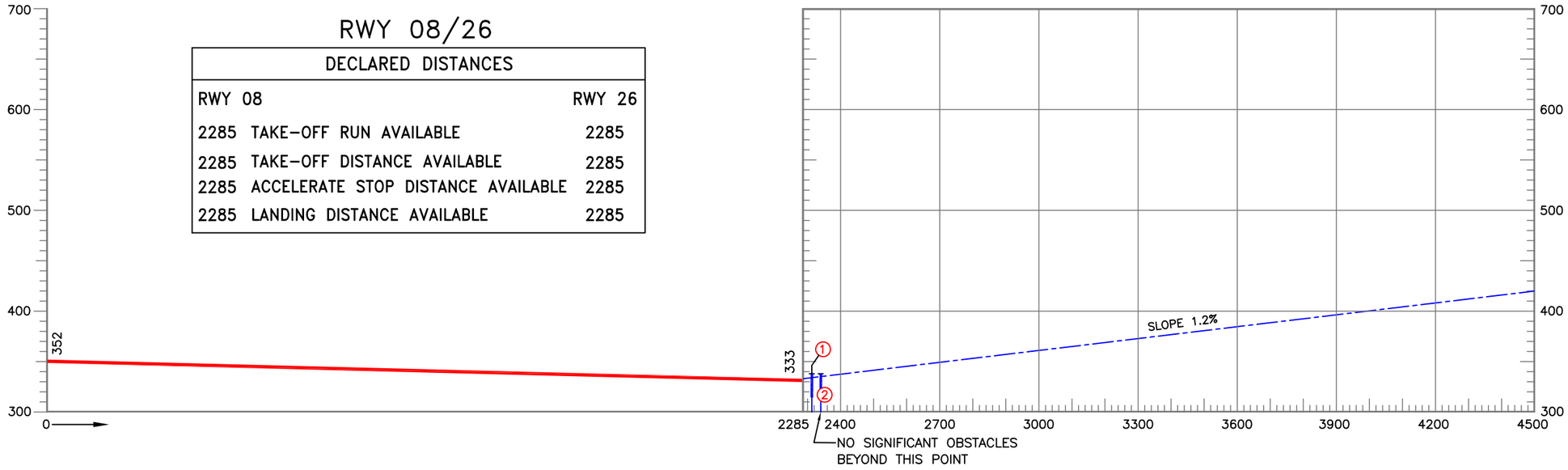
TIRUPATI AIRPORT/RWY 08

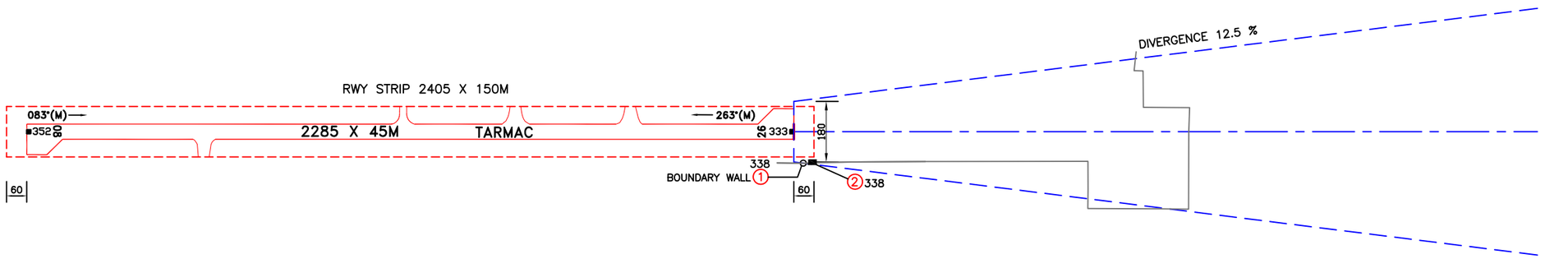
MAGNETIC VARIATION 2°W (2010)



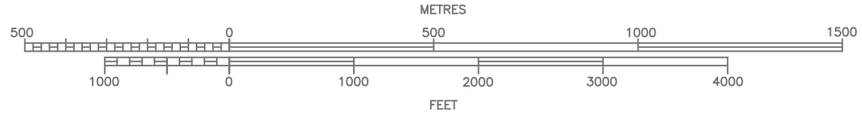
RWY 08/26

DECLARED DISTANCES	
RWY 08	RWY 26
2285 TAKE–OFF RUN AVAILABLE	2285
2285 TAKE–OFF DISTANCE AVAILABLE	2285
2285 ACCELERATE STOP DISTANCE AVAILABLE	2285
2285 LANDING DISTANCE AVAILABLE	2285





HORIZONTAL SCALE – 1:15000



L E G E N D		
	PLAN	PROFILE
IDENTIFICATION NUMBER	①	
BUILDING OR LARGE STRUCTURE	■	①

ORDER OF ACCURACY
HORIZONTAL – 3.0m
VERTICAL – 1ft.

NOTES:–

1. The objects that have been shielded due to presence of other higher objects have not been shown in this chart.
2. Datum – All Elevations are in EGM–08.
3. Periphery road without traffic is no obstacle.
4. Consult Notam for latest information.
5. Rwy directions rounded to nearest degree.(Magnetic)
   (In degree minute : Rwy 08/26 =083°15'/263°15')(2010)
   (In degree minute : Rwy 08/26 =083°07'/263°07')(2018)
6. Magnetic variation rounded to nearest degree –1°45'W, Annual rate of change 1'E (2010).
7. All obstacles shown in this chart are based on aeronautical obstacle Survey June 2018.
8. Chart prepared based on CAR Section 9 AS&ATM Series 'G', Part–I.

AMENDMENT RECORD		
NO.	DATE	ENTERED BY

AERONAUTICAL INFORMATION UPTO – JAN. 2019

COMPILED BY– CARTO, AIRPORTS AUTHORITY OF INDIA

CHART No. AAI/13–OBS/CARTO/2019

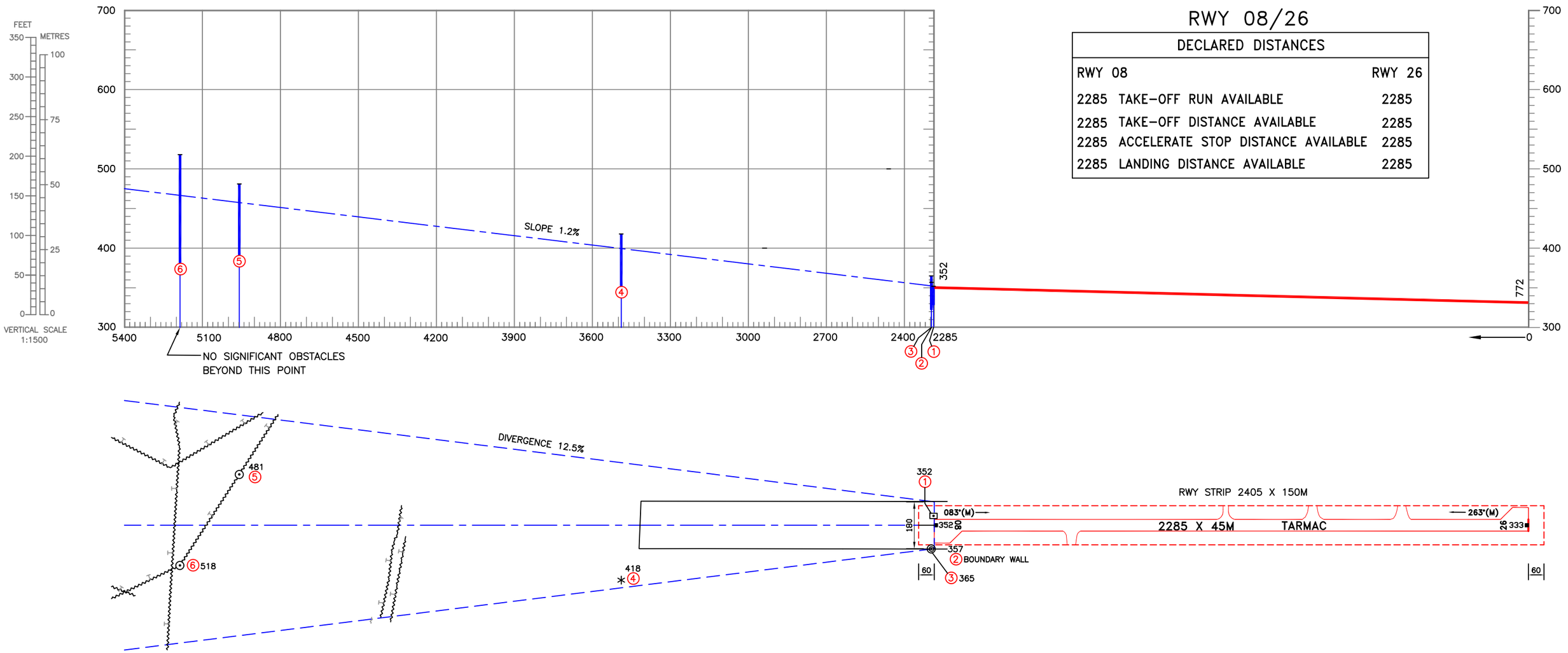
UPDATED AS ON 29.07.2019

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART
TYPE –A (OPERATING LIMITATIONS)

INDIA/TIRUPATI
TIRUPATI AIRPORT/RWY 26

MAGNETIC VARIATION 2°W (2010)



RWY 08/26

DECLARED DISTANCES	
RWY 08	RWY 26
2285 TAKE–OFF RUN AVAILABLE	2285
2285 TAKE–OFF DISTANCE AVAILABLE	2285
2285 ACCELERATE STOP DISTANCE AVAILABLE	2285
2285 LANDING DISTANCE AVAILABLE	2285

L E G E N D

	PLAN
IDENTIFICATION NUMBER	①
TREE OR SHRUB	*
POLE, TOWER, ANTENNA ETC.	⊙
ELECTRIC JUNCTION BOX	⊡
HIGH TENSION LINE	

PROFILE: ①

ORDER OF ACCURACY

HORIZONTAL	3.0m
VERTICAL	1ft.

NOTES:–

1. The objects that have been shielded due to presence of other higher objects have not been shown in this chart.
2. Datum – All Elevations are in EGM–08.
3. Periphery road without traffic is no obstacle.
4. Consult Notam for latest information.
5. Rwy directions rounded to nearest degree.(Magnetic)
   (In degree minute : Rwy 08/26 =083°15'/263°15')(2010)
   (In degree minute : Rwy 08/26 =083°07'/263°07')(2018)
6. Magnetic variation rounded to nearest degree –1°45'W, Annual rate of change 1'E (2010).
7. All obstacles shown in this chart are based on aeronautical obstacle Survey June 2018.
8. Chart prepared based on CAR Section 9 AS&ATM Series 'G', Part–I.

AMENDMENT RECORD		
NO.	DATE	ENTERED BY

AERONAUTICAL INFORMATION UPTO – JAN. 2019

COMPILED BY– CARTO, AIRPORTS AUTHORITY OF INDIA

CHART No. AAI/14–OBS/CARTO/2019

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