AD 2. AERODROMES

VOTR AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VOTR - TIRUCHIRAPPALLI / INTL

VOTR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	104556N 0784254E 093 DEG /663M from intersection of RWY 09/27 and TWY B.			
2	Direction and distance of aerodrome reference point from the center of the city or town which the aerodrome serves	135 DEG, 5 Km from Tiruchirappalli Railway Station.			
3	Aerodrome elevation and reference temperature	290 FT / 37.0 DEG C	290 FT / 37.0 DEG C		
4	Magnetic variation, date of information and annual change	2.08 DEG W (2010) /0.033 DEG E			
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	Airports Authority of India, Tiruchirappalli Airport, Tiruchirappalli - 620007			
		Telephone:	+91-431-2340451, +91-431-2340551, +91-431-2340555		
		Fax:	+91-431- 2340606		
		AFS:	VOTRYHYX		
		Email:	apdtrichy@AAI.AERO		
6	Types of traffic permitted (IFR/VFR)	IFR/VFR			
7	Remarks	For convenience the name of Airport TIRUCHIRAPPALLI may be pronounced as "TRICHY"			

VOTR AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	MON-FRI 0400-1230 UTC (0930-1800 IST) SAT, SUN+ HOL : NIL
2	Custom and immigration	As ATS (INTL) See remark No. 2
3	Health and sanitation	As ATS (INTL)
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	One-day prior notice to Air India. Non schedule by M/s BHADRA only
10	Security	H24
11	De-icing De-icing	NIL
12	Remarks	 Outside of ATS HR. Services available O/R with 24HR prior notice to AD. Customs and immigration facilities are provided on limited basis to cover operations of scheduled intl. Flights. The facilities can be arranged to cover any authorized NON-SKED operations.

VOTR AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Manual.
2	Fuel and Oil types	JET A1

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3	Fuelling facilities and capacity	IOC: 3 Bowsers 2NO.16KLS,1NO.11KLS HPCL: 3 Browsers 1 NO. 27KL 1 No. 16 KL, 1 No. 11 KL, 10Litres/ sec Available during OPR watch otherwise 2HR PN.
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	NIL

VOTR 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	AT AD & In the city
3	Transportation possibilities	Taxis from the AD.
4	Medical Facilities	First aid at AD . Hospital in the city.
5	Bank and post office at or in the vicinity of aerodrome	Banks: At AD Vijaya Bank 1100-1330 IST, SAT 1100-1200 IST Post office: 1 KM from AD MON-SAT: (0900-1700 IST) SUN+HOL: NIL
6	Tourist office	As ATS (For SKD INTL FLT at AD.)
7	Remarks	Money exchange counter.

VOTR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	Aerodrome category for fire fighting	Within ATS HR: CAT-7
2	Rescue equipment	Rescue personnel with breathing apparatus, proximity suits, hydraulic rescue tools, inflatable TWR LGTS etc.
3	Capability for removal of disabled aircraft	Two Tractor AVBL with Air India Express, Cranes AVBL with local agencies.
4	Remarks	NIL

VOTR AD 2.7 SEASONAL AVAILABILITY CLEARING

1	Type(s) of clearing equipment	NIL
2	Clearance priorities	NIL
3	Remarks	NIL

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

1	Designation, surface and strength of aprons	Designator: New Apron Surface: Concrete Strength: PCN 84/R/B/W/T
		Designator: Old Apron Surface: Concrete Strength: PCN 70/R/C/W/T

2	Designation, width, surface and strength of taxiways	Designator: A Width: 23 M Surface: Strength: PCN 51/F/B/W/T Length: 210M Designator: B Width: 23 M Surface: Strength: PCN 55/F/B/W/T Length: 617M Designator: C Width: 23 M Surface: Strength: PCN 61/F/C/W/T Length: 106M Designator: D			
		Designator: D Width: 23 M			
		Surface: Strength: PCN 55/F/B/W/T			
		Length: 182M			
3	Location and elevation of altimeter checkpoints	Location Apron 104542.9N 0784233E Elevation 88.876M			
4	Location of VOR checkpoints	On TWY Holding Position (121DEG./0.33NM) COORD:104552.9N 0784231.5E			
5	Position of INS checkpoints	Not Established			
6	Remarks	NIL			

VOTR 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	TWY guidance sign at all the intersection with TWY and RWY and at all holding position Guidelines at Apron. Nose in guidance at aircraft stands.			
2	Runway and taxiway markings and lights	RWY Markings: Designation, THR, TDZ, centreline, Edge, End. Lights: THR, Edge, End TWY Marking: Centreline, Holding Positions at all TWY/RWY Intersections Lights: Edge.			
3	Stop bars (if any)	NIL			
4	Remarks	NIL			

VOTR 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/TKOF 09/APCH	BUILDING	104553.4N 0784218.1E	299 FT	NIL	LOC BLDG.		
27/TKOF 09/APCH	WALL	104555.9N 0784217.4E	295 FT	NIL	BOUND. WALL		
27/APCH 09/TKOF	WALL	104555.5N 0784324.8E	280 FT	NIL	BOUND. WALL		
27/TKOF 09/APCH	BUILDING	104550.7N 0784217.3E	300 FT	NIL	HOUSE		

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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/TKOF 09/APCH	OTHER	104550.6N 0784218.4E	301 FT	NIL	MOB. RD. TFC	
27/TKOF 09/APCH	POLE	104550.3N 0784218.1E	307 FT	NIL	POLE	
27/APCH 09/TKOF	OTHER	104603.0N 0784323.4E	282 FT	NIL	SEC. HUT	
27/TKOF 09/APCH	OTHER	104557.9N 0784215.2E	299 FT	NIL	HOARDING	
27/TKOF 09/APCH	POLE	104559.7N 0784215.4E	323 FT	NIL	ELECT. POLE	
27/TKOF 09/APCH	TREE	104559.9N 0784215.2E	330 FT	NIL	TREE	
27/TKOF 09/APCH	POLE	104559.6N 0784213.4E	304 FT	NIL	ELECT. POLE	
27/TKOF 09/APCH	ANTENNA	104555.5N 0784217.9E	297 FT	NIL	LOC ANTENNA	
27/TKOF 09/APCH	OTHER	104549.9N 0784217.5E	308 FT	NIL	HOARDING	
27/TKOF 09/APCH	TREE	104558.5N 0784208.0E	322 FT	NIL	TREE	
27/TKOF 09/APCH	POLE	104559.1N 0784215.2E	308 FT	NIL	ELECT. POLE	
27/APCH 09/TKOF	TREE	104603.2N 0784324.8E	307 FT	NIL	TREE	
27/TKOF 09/APCH	OTHER	104551.0N 0784218.1E	306 FT	NIL	HOARDING	
27/APCH 09/TKOF	TREE	104506.3N 0784344.0E	317 FT	NIL	TREE	

VOTR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Name of the associated meteorological office	Tiruchirappalli
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	H24
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Chennai 9HR (00-09,03-12,06-15,09-18 and 12-21 12HR (00-00,06-06 and 12-12)
4	Availability of the trend forecast for the aerodrome and interval of issuance	NIL
5	Information on how briefing and/or consultation is provided	Available
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	Nil
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	Tiruchirappalli ATC and ACS
10	Additional information, e.g. concerning any limitation of service.	Documents provided O/R.

VOTR 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	86.00 DEG	2427 x 45 M	68/F/A/W/T Asphalt	THR: 104556.60N 0784227.60E
27	266.00 DEG	2427 x 45 M	68/F/A/W/T Asphalt	THR: 104601.50N 0784342.60E

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: 288.0FT TDZ:	-0.21%	NIL	NIL	2547 x 150 M
THR: 266.0FT TDZ:	0.21%	NIL	NIL	2547 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 90M		Nil	PCN for RWY 09 Flexible - 68/F/A/W/T UPTO 1847M FM RWY 09 BEGINNING Rigid - 86/R/B/W/T FM 1847M TO 2427M RWY 27
90M x 90M		Nil	PCN for RWY 27 Rigid - 86/R/B/W/T UPTO 580M FM RWY 27 BEGINNING Flexible - 68/F/A/W/T FM 580M TO 2427M

VOTR 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	2427	2427	2427	2280	RWY09 THR displaced by 147M due mobile TFC.
27	2427	2427	2427	2427	

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VOTR 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	NIL	Green	PAPI LEFT/3.00 DEG	
27	CAT I 900 M LIH	Green	PAPI LEFT/3.00 DEG	

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
	2427 M 60 M White LIH	Red		NIL
	2427 M 60 M White LIH	Red		NIL

VOTR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if	ABN	At Tower Building FLG W and G 13 rotations per min, As ATS HR	
	any)	IBN	Nil	
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	100M SW of intersection of RWY 09/27 and TWY B Unlighted	
		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		

VOTR 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:	Not Established
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	
4	True bearings of FATO;	Not Established
5	Declared distances available	Not Established
6	Approach and FATO lighting;	Not Established
7	Remarks	Not Established

VOTR AD 2.17 AIR TRAFFIC SERVICE AIRSPACE

1	Airspace designation, geographical coordinates and lateral limits	CTR: a) Area bounded by circle of radius 25 NM centered at Trichy VOR TTR (104607N 0784329E).
		b) Area bounded by102005.8N 0783955.3E then along arc of 25NM radius centered at Tiruchirapalli VOR TTR (104607N 0784329E) to 111005.6N 0784155.2E;113405.5N 0785655.1E;then along arc of 50NM radius centered at Tiruchirapalli VOR TTR (104607N 0784329E) to 095605.9N 0784655.2E to 102005.8N 0783955.3E.
2	Vertical limits	
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Tiruchirappalli Tower, English
5	Transition altitude	4000 FT
6	Hours of applicability	НО
7	Remarks	Vertical Limits: a) FL 55 b) FL 50 to FL 150

VOTR AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
APP	Tiruchirappalli Approach	124.000 MHZ	
TWR	Tiruchirappalli Tower	118.300 MHZ	
ATIS		127.800 MHZ	
ALRS		121.500 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	As ATS	NIL
	As ATS	Functions of TWR & ARP combined.
		NIL
	As ATS	NIL

VOTR 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	ITCY	110.900 MHz	As ATS
GP 27	ITCY	330.800 MHz	As ATS
DME ILS 27	ITCY	CH46X	As ATS

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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;
DVOR/DME	TTR	113.100 MHz CH78X	H24
NDB	TR	307 kHz	H24

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
104554.8N 0784219.0E			
104556.7N 0784334.0E			
104556.7N 0784334.0E	340 FT		
104607.2N 0784329.3E	292 FT		
104541.0N 0784306.0E			

VOTR AD 2.20 LOCAL AERODROME REGULATIONS

VOTR AD 2.21 NOISE ABATEMENT PROCEDURES

VOTR AD 2.22 FLIGHT PROCEDURES

VOTR AD 2.23 ADDITIONAL INFORMATION

- 1. High power DME antenna installed over VOR antenna height 44FT and lighted.
- 2.GP antenna obstacle marked and lighted.
- 3.Disused RWY15/33 (converted as TWY)
- 4. Commissioning of ADS-B at Tiruchirappalli Airport:

ADS-B FREQ: 1090 MHZ COORD: 104544N0784227E SITE ELEV: 104.8M AMSL

5.Old turning pad at distance of 580 m from the beginning of RWY 27 and 1860 m from the beginning of RWY 09 is declared u/s, marking provided. Pilots to avoid using old turn pad while taxing on RWY 09/27.

6.DETAILS OF AIRCRAFT STANDS

Stand No.	Surface	PCN	Latitude	Longitude	ТҮРЕ	Remarks
1.	concrete	70/R/C/W/T	104541.5N	0784234.5E	B739/A321 OR BELOW	POWER IN/ POWER-OUT
2.	concrete	70/R/C/W/T	104540N	0784235E	B739/A321 OR BELOW	POWER IN/ POWER-OUT
3.	concrete	70/R/C/W/T	104539N	0784236E	B739/A321 OR BELOW	POWER IN/ POWER-OUT
4.	concrete	70/R/C/W/T	104538N	0784237E	B739/A321 OR BELOW	POWER IN/ POWER-OUT
5.	concrete	84/R/B/W/T	104536 N	0784237.5	B767-200 OR BELOW	POWER IN/ PUSH BACK
6.	concrete	84/R/B/W/T	104535 N	0784238E	B767-200 OR BELOW	POWER IN/ PUSH BACK
7.		84R/C/W/T.	104533N	0784239E	UPTO B767-200 SERIES	POWER IN/ PUSH BACK

7.PUSHBACK PROCEDURE

(i)ACFT pushing back FM stand NR 7 can either push-back facing south and taxi via TWY C or push-back facing west on to TWY C and taxi via TWY A.

(ii)ACFT pushing back FM stand NR 5 and 6 can either pushback facing south to taxi via TWY C or pushback facing north to taxi via TWY A

VOTR AD 2.24 CHARTS RELATED TO AN AERODROME

- 1. Aerodrome Obstacle Chart. Type-A (Obstacle Limitations) RWY 09
- 2. Aerodrome Obstacle Chart. Type-A (Obstacle Limitations) RWY 27
- 3.ILS (Z) Procedure Runway 27
- 4.ILS (Y) Procedure Runway 27
- 5.VOR Procedure Runway 09
- 6.VOR Procedure Runway 27
- 7.ATC Surveillance Minimum Altitude Chart

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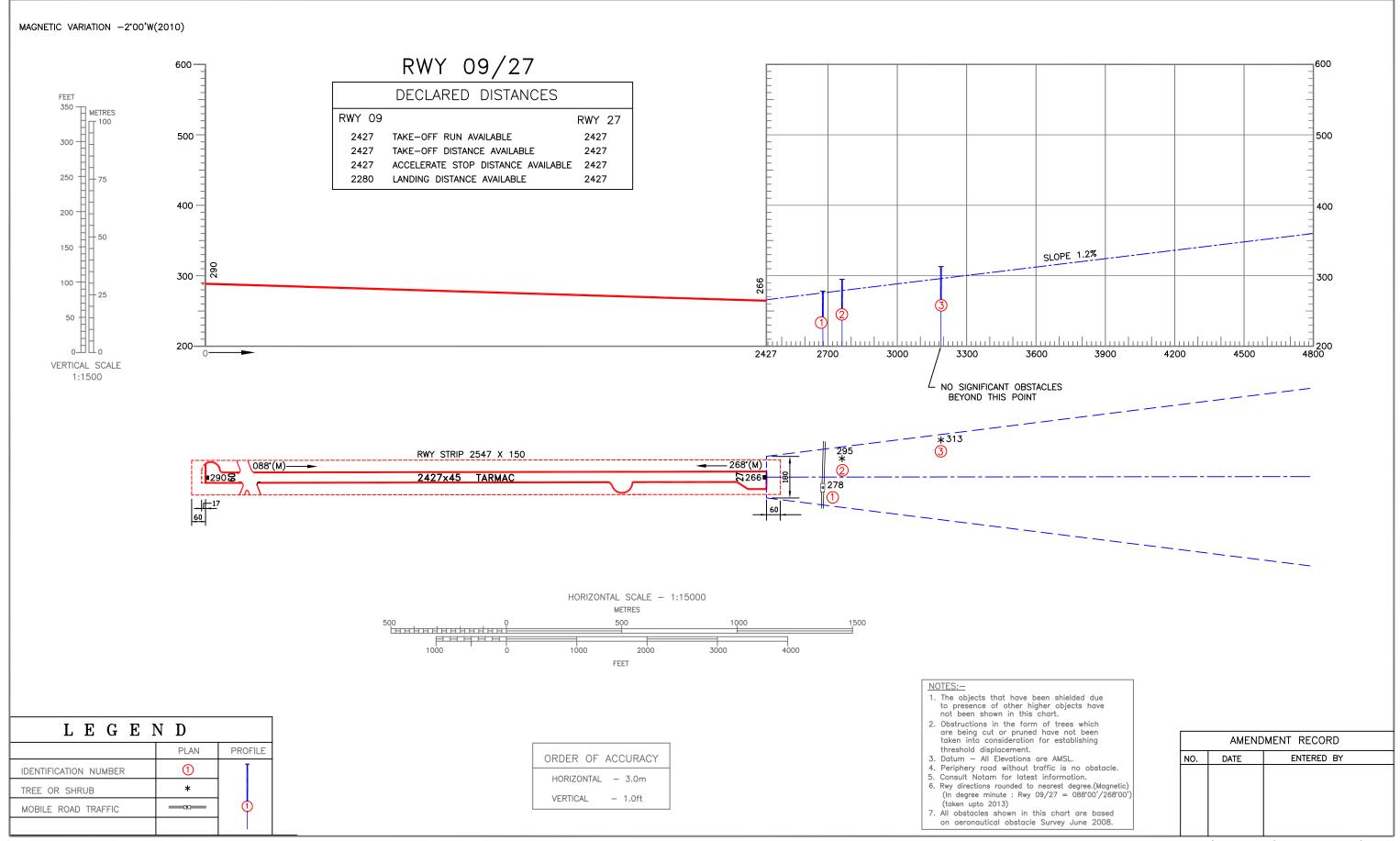
ELEVATIONS IN FEET

ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART

TYPE -A (OPERATING LIMITATIONS)

INDIA/TIRUCHIRAPPALLI TIRUCHIRAPPALLI AIRPORT/RWY 09



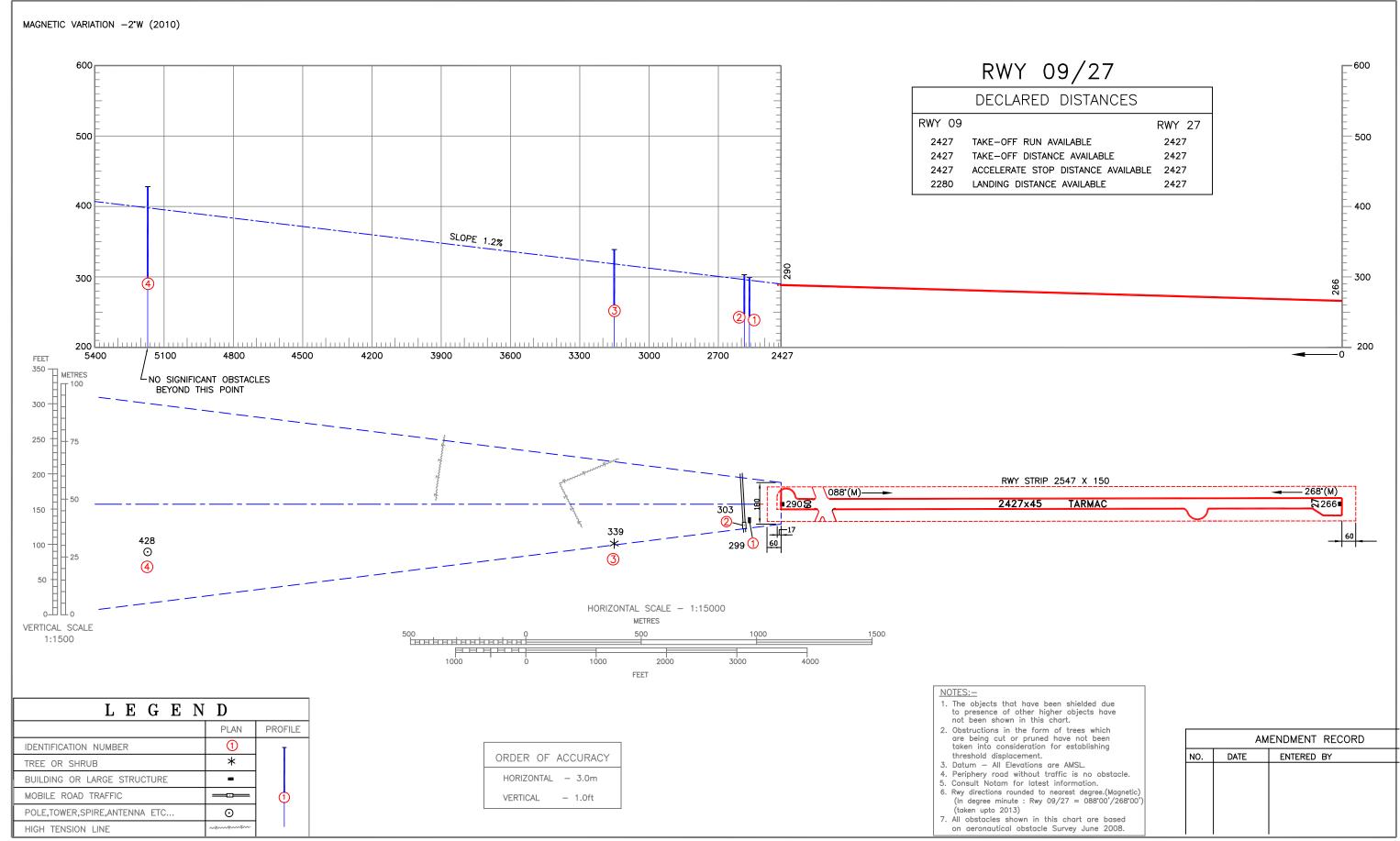
aeronautical information upto - feb.2014 वैमानिक सूचना . फरवरी 2014 तक compiled by : CARTO-ACC, AIRPORTS AUTHORITY OF INDIA संग्रहित किया :कार्टो—वै.मा.प्र., भारतीय विमानपत्तन प्राधिकरण CHART No.AAI/07-OBS/CARTO-ACC/2014 चार्ट सं. भा.वि.प्रा. /07-अव. /कार्टी-वै.मा.प्र. /2014 **ELEVATIONS IN FEET**

ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART

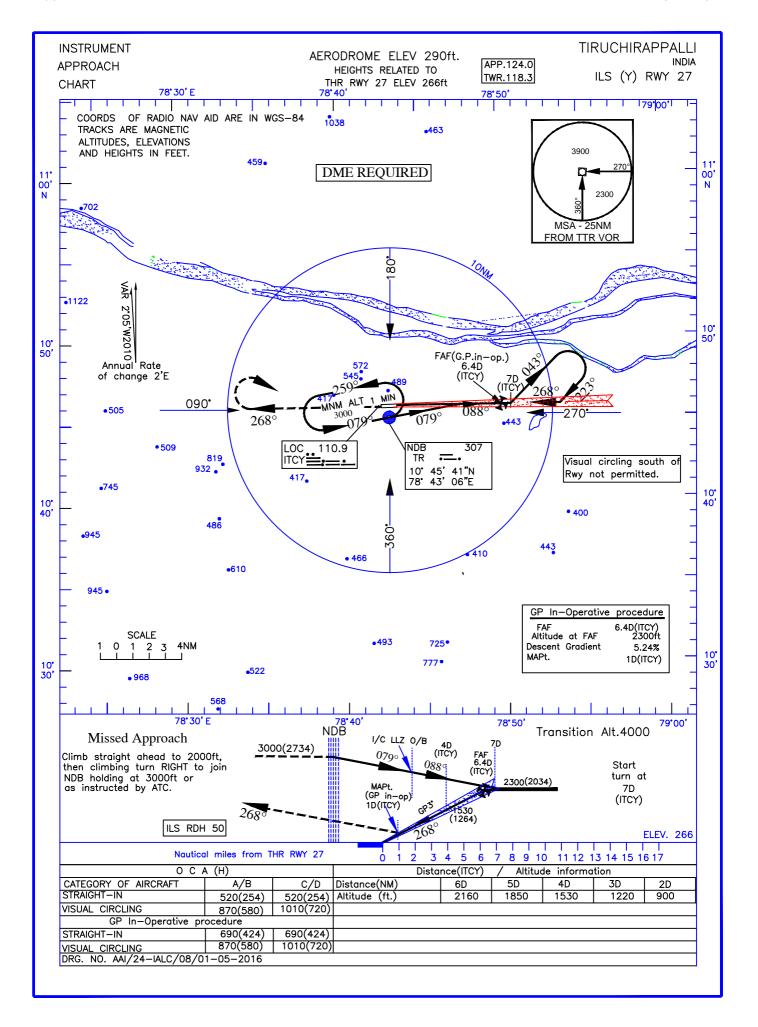
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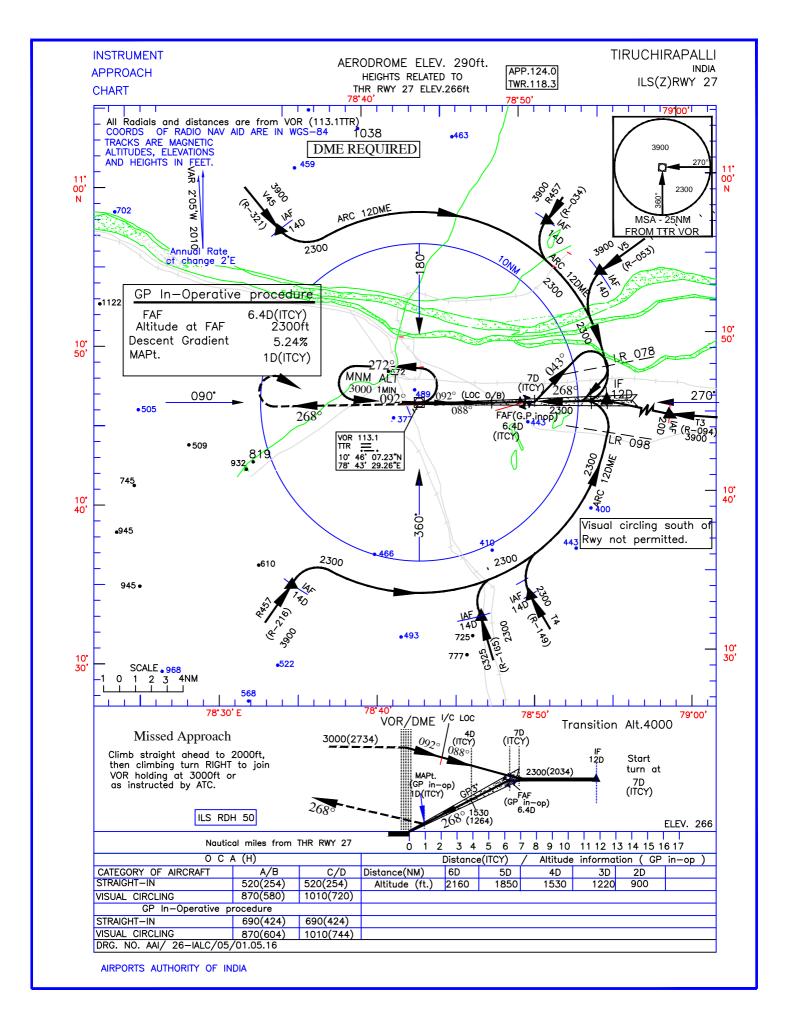
INDIA/TIRUCHIRAPPALLI TIRUCHIRAPPALLI AIRPORT/RWY 27

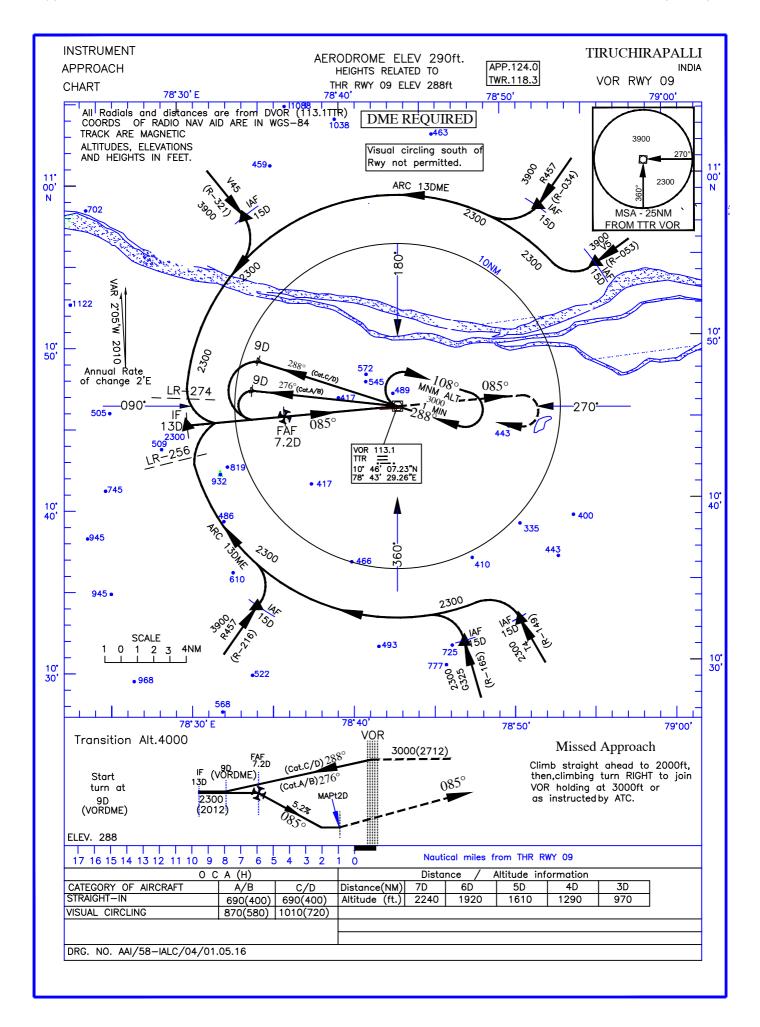


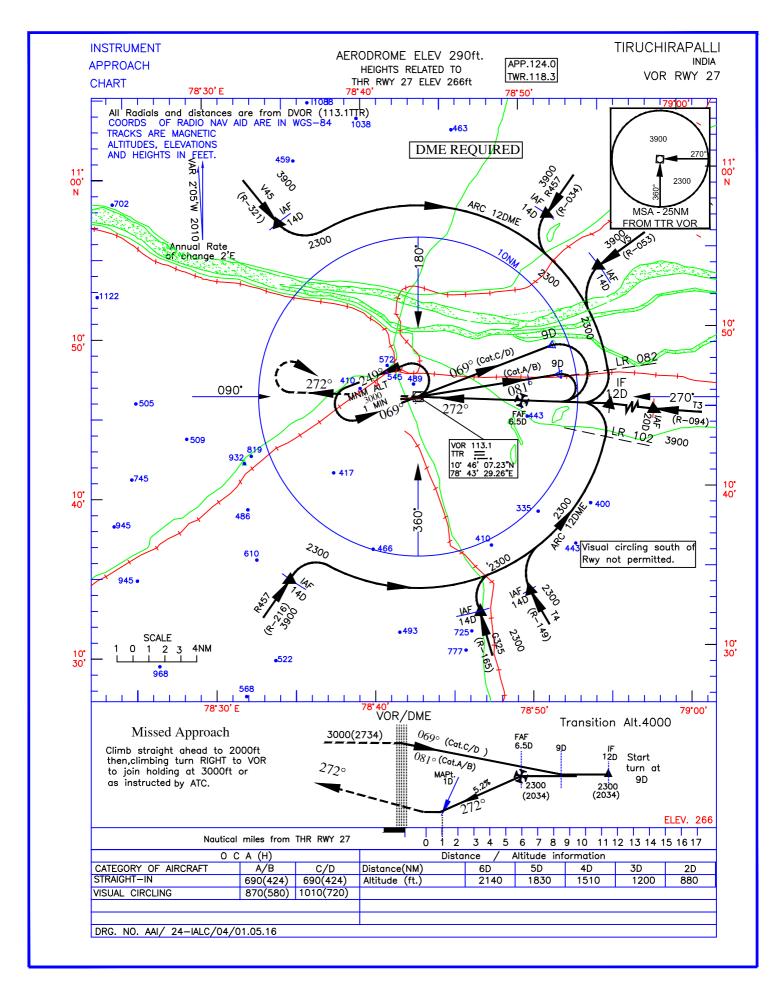
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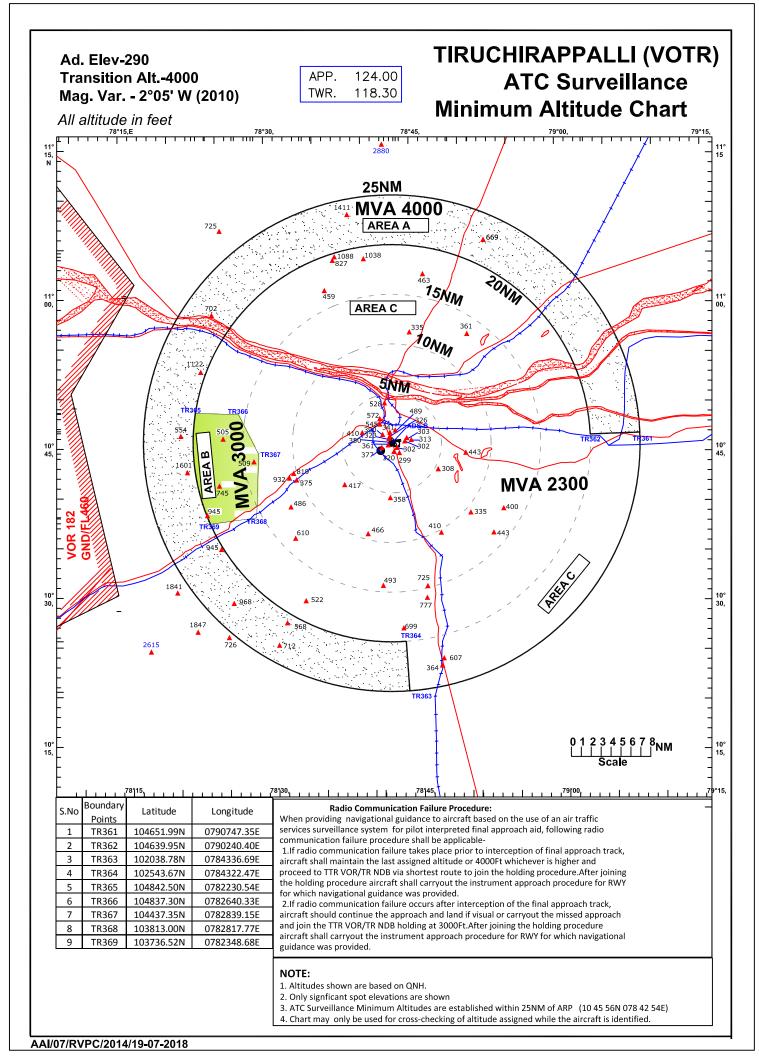
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