

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

VOTK - TUTICORIN / DOMESTIC

**VOTK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	Aerodrome reference point coordinates and its site	084320N 0780134E MAG BRG 111 DEG 30 MIN/590M from physical extremity of RWY 10
2	Direction and distance of aerodrome reference point from the centre of the city or town which the aerodrome serves	20KM SW of Tuticorin Railway Station
3	Aerodrome elevation and reference temperature	85 FT / 37.0 DEG C
4	Magnetic variation, date of information and annual change	2.42 DEG W (2010) /0.033 DEG E
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	Airport In-Charge Airports Authority of India, Tuticorin Airport, Mangalagiri (Post), Tuticorin District - 628103 Tamil Nadu
	Telephone:	0461-2271863
	Fax:	0461-2271863, 2271110
	AFS:	
	Email:	apd-tuticorin@aai.aero
6	Types of traffic permitted (IFR/VFR)	VFR
7	Remarks	NIL

**VOTK AD 2.3 OPERATIONAL HOURS**

1	Aerodrome Operator	MON-FRI 0400-1200 UTC (0930-1730 IST) SAT, SUN + HOL: NIL
2	Custom and immigration	NIL
3	Health and sanitation	NIL
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	NIL
9	Handling	As ATS
10	Security	As ATS
11	De-icing	NIL
12	Remarks	24HR Prior notice for Non-scheduled ops and for extension of watch hours

#### **VOTK AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	NIL
2	Fuel and Oil types	NIL
3	Fuelling facilities and capacity	NIL
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

#### **VOTK 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	Taxis and car hire from the city & outside AD (4 KM from AD)
4	Medical Facilities	First Aid at AD. Hospitals in the city
5	Bank and post office at or in the vicinity of aerodrome	Banks: Outside AD (4KM from AD) and in city Post office: Outside AD (4KM from AD) and in city
6	Tourist office	At AD and in the city
7	Remarks	NIL

#### **VOTK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	Aerodrome category for fire fighting	Within ATS HR: CAT-6
2	Rescue equipment	AVBL as per Category
3	Capability for removal of disabled aircraft	NIL
4	Remarks	Outside ATS HO, fire fighting service to be requested at least 24HR prior

#### **VOTK AD 2.7 SEASONAL AVAILABILITY CLEARING**

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

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

1	Designation, surface and strength of aprons	Designator: APRON Surface: Concrete Strength: PCN 22/R/C/W/T
2	Designation, width, surface and strength of taxiways	Designator: TWY A Width: 15 M Surface: Asphalt Strength: PCN 30/F/C/W/T
3	Location and elevation of altimeter checkpoints	Location: Entire Apron Elevation: 77.70 FT
4	Location of VOR checkpoints	NIL
5	Position of INS checkpoints	NIL
6	Remarks	Apron Elevation : 77.70FT

**VOTK 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	Taxiing guidance signs at intersections with TWY and RWY and at Holding position. Guidelines at Apron
2	Runway and taxiway markings and lights	RWY Markings: Designation, THR, TDZ, Centreline, Edge, RWY END as appropriate. RWY Lighting: THR, EDGE, END.  TWY Markings: Centreline, edge, Holding PSN at TWY/RWY intersection. TWY Lighting: Edge
3	Stop bars (if any)	NIL
4	Remarks	NIL

**VOTK 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
28/TKOF 10/APCH	OTHER	084331.1N 0780108.9E	100 FT	NIL	Mobile Road Traffic
28/TKOF 10/APCH	OTHER	084324.8N 0780106.9E	105 FT	NIL	Mobile Road Traffic
28/APCH 10/TKOF	OTHER	084313.3N 0780207.1E	101 FT	NIL	Mobile Road Traffic
28/APCH 10/TKOF	OTHER	084316.6N 0780207.9E	98 FT	NIL	Mobile Road Traffic
In circling area and at AD	POLE	084410.9N 0780000.8E	252 FT	NIL	Mast
In circling area and at AD	POLE	084408.9N 0780000.1E	259 FT	LGTD	Mast
In circling area and at AD	POLE	084425.2N 0775947.7E	333 FT	NIL	Mast

**VOTK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	Name of the associated meteorological office	Tuticorin Airport
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	As ATS
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Chennai 9 HR (Domestic) 30 HR (International)
4	Availability of the trend forecast for the aerodrome and interval of issuance	Every 30 min during operational hours (METAR)
5	Information on how briefing and/or consultation is provided	Online Briefing facility & personal consultation
6	Types of flight documentation supplied and language(s) used in flight documentation	Tabular and Charts, English
7	Charts and other information displayed or available for briefing or consultation	WAFC, SIGWX Chart
8	Supplementary equipment available for providing information on meteorological conditions, e.g. weather radar and receiver for satellite images;	AMSS, OLBS
9	The air traffic services unit(s) provided with meteorological information	Tuticorin TWR
10	Additional information, e.g. concerning any limitation of service.	NIL

**VOTK 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
10	101.00 DEG	1350 x 30 M	26/F/C/W/T Asphalt	THR: 084326.54N 0780115.97E
28	281.00 DEG	1350 x 30 M	26/F/C/W/T Asphalt	THR: 084318.23N 0780159.31E

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: 85.2FT TDZ:	-0.09%	NIL	NIL	1470 x 150 M
THR: 81.4FT TDZ:	0.09%	NIL	NIL	1470 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
90M x 90M			NIL

**VOTK 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
10	1350	1350	1350	1350	
28	1350	1350	1350	1350	

**VOTK 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
10	NIL	Green	PAPI LEFT/3.00 DEG MEHT (8.53M)	NIL
28	NIL	Green	PAPI LEFT/3.00 DEG MEHT (8.53M)	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
	1350 M 60 M White & last 450 M Yellow	Red	NIL	NIL
	1350 M 60 M White & last 450 M Yellow	Red	NIL	NIL

**VOTK 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, 23RPM, HO
		IBN	NIL

2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	347 M N of ARP, Lighted
		Anemometer	736 M from THR RWY28, lighted
3	Taxiway edge and taxiway centre line lights;	Edge	TWY A
		Centre Line	NIL
4	Secondary power supply including switch-over time;	Secondary power supply to all lighting at AD, Switch-over time: 15 sec (Maximum)	
5	Remarks	NIL	

**VOTK 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	--

**VOTK AD 2.17 AIR TRAFFIC SERVICE AIRSPACE**

1	Airspace designation, geographical coordinates and lateral limits	CTR: Circular area centered on NDB TU (084336N 0780135E) 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;	Tuticorin Tower, English
5	Transition altitude	4000 FT
6	Hours of applicability	
7	Remarks	NIL

**VOTK AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES**

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
TWR	Tuticorin Tower	122.400 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	As ATS	Functions of TWR and APP combined

**VOTK 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
NDB	TU	376 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
084336.2N 0780135.4E			

**VOTK AD 2.20 LOCAL AERODROME REGULATIONS**

-----

**VOTK AD 2.21 NOISE ABATEMENT PROCEDURES**

-----

**VOTK AD 2.22 FLIGHT PROCEDURES**

-----

**VOTK AD 2.23 ADDITIONAL INFORMATION**

Stand Number 1 to the east and stand Number 2 to the west of apron.

Stand Number 1 for ATR 72-500 or lesser type of ACFT and stand Number 2 for Q400 or lesser type of ACFT.

**VOTK AD 2.24 CHARTS RELATED TO AN AERODROME**

1. Aerodrome Chart
2. Aircraft Parking and Docking Chart
3. NDB Procedure RWY 28 (CAT A/B)

## AERODROME CHART

08°43'20.22"N  
78°01'34.20"E

ELEV. 85

TWR 122.4

## TUTICORIN, INDIA

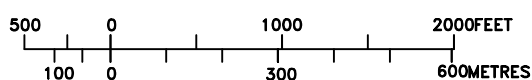
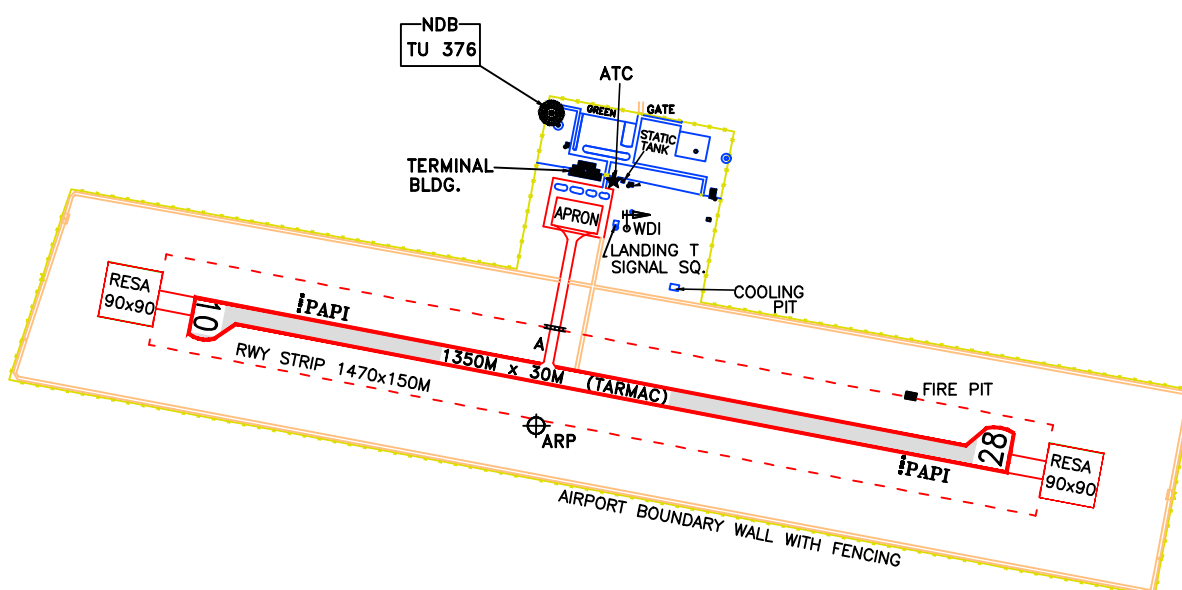
## TUTICORIN AIRPORT

RWY	DIRECTION	THR CO-ORDINATES	THR ELEV.	BEARING STRENGTH
10	103°	08°43'26.54"N 78°01'15.97"E	85	21/F/D/Y/T
28	283°	08°43'18.23"N 78°01'59.31"E	81	

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

N(Mag.) N(True)

M.VAR. 2°30'W (2010)

ANNUAL RATE OF  
CHANGE 2'E

## MARKINGS AIDS RUNWAY 10/28



NOTE: AERONAUTICAL GROUND LIGHTS ARE NOT SHOWN IN THIS CHART

DATE OF AERONAUTICAL INFORMATION  
JUNE, 2014



AIRCRAFT PARKING/  
DOCKING CHART

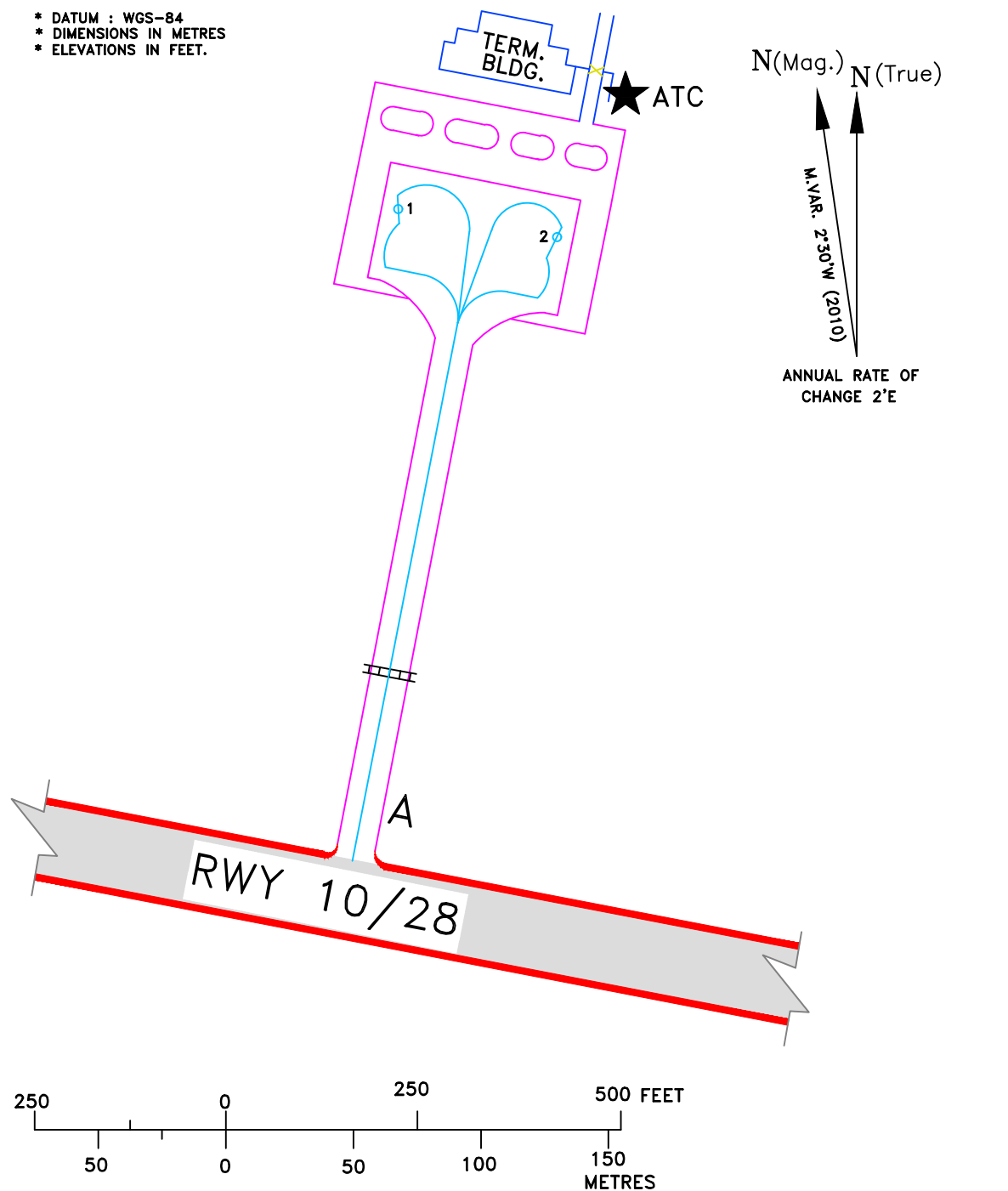
APRON ELEV 77

TWR 122.4

TUTICORIN, INDIA

TUTICORIN AIRPORT

- \* DATUM : WGS-84
- \* DIMENSIONS IN METRES
- \* ELEVATIONS IN FEET.

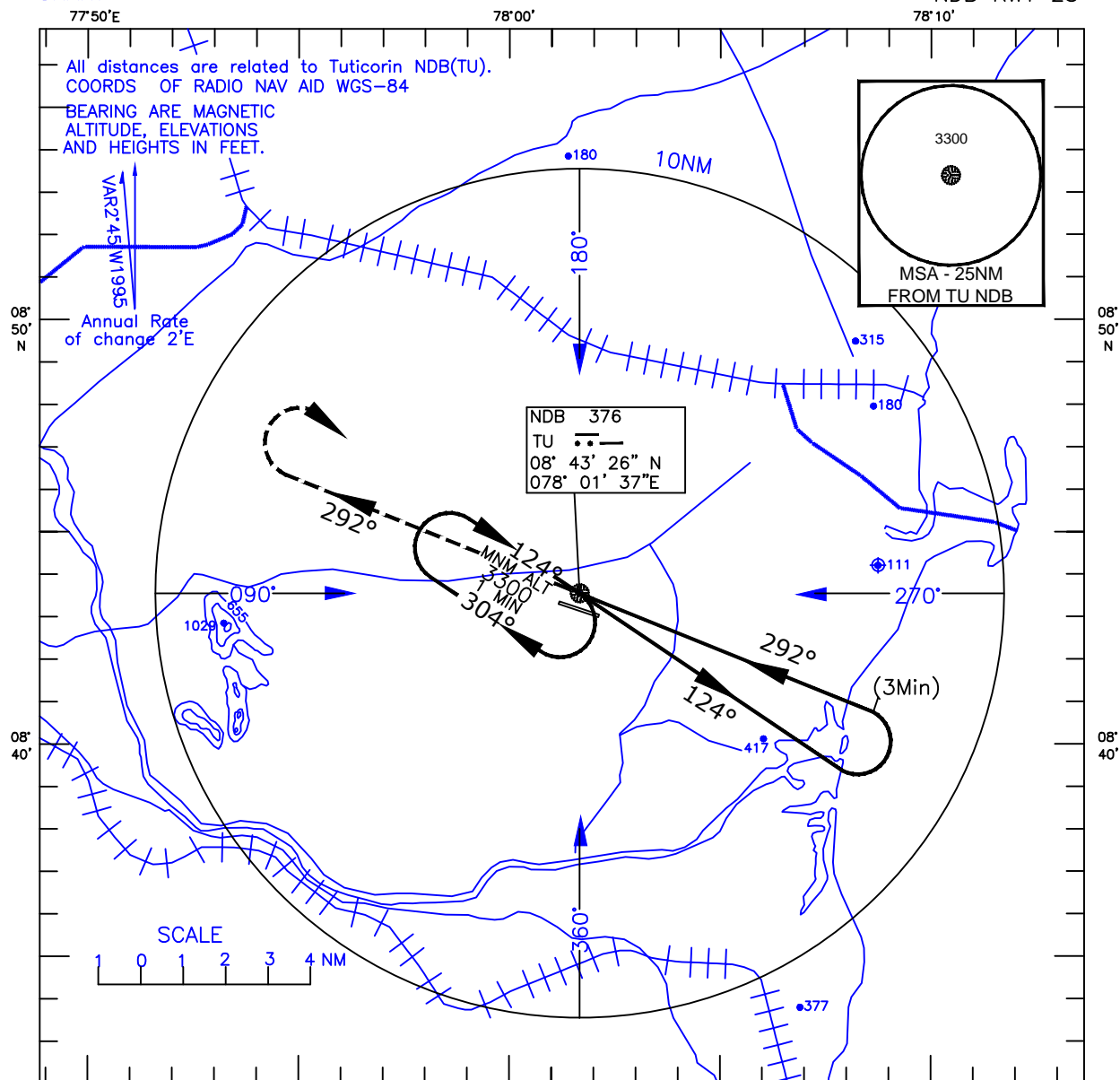


LEGEND	
AIRCRAFT STAND	1
RWY HOLDING POSITION	----
WGS84 CO-ORDINATES FOR AIRCRAFT STANDS	
1. 08°43'31.6"N 078°01'35.4"E	
2. 08°43'31.2"N 078°01'37.4"E	

APRON PCN 11/R/D/Y/T  
TWY PCN 22/F/D/Y/T

NOTE: AERONAUTICAL GROUND LIGHTS ARE NOT SHOWN IN THIS CHART

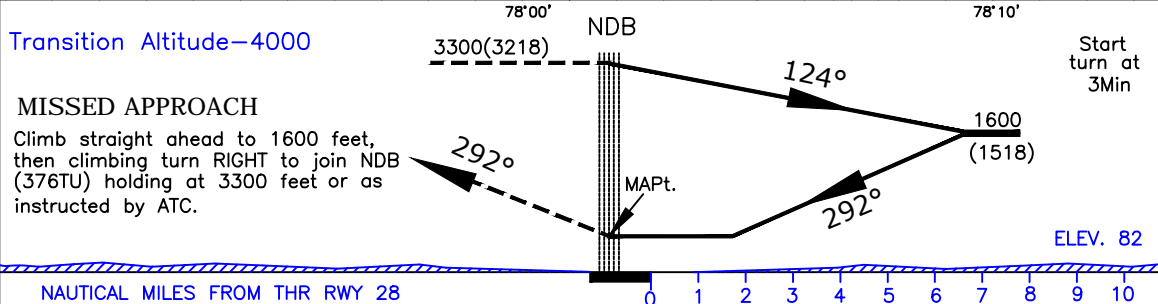
DATE OF AERONAUTICAL INFORMATION  
AUGUST, 2014

INSTRUMENT  
APPROACH  
CHARTAERODROME ELEV. 84ft.  
HEIGHTS RELATED TO  
THR RWY 28-ELEV.82ftAPP.122.4  
TWR.122.4TUTICORIN  
INDIA  
NDB RWY 28

Transition Altitude-4000

## MISSED APPROACH

Climb straight ahead to 1600 feet,  
then climbing turn RIGHT to join NDB  
(376TU) holding at 3300 feet or as  
instructed by ATC.



O. C. A. (H)	
CATEGORY OF AIRCRAFT	C
STRAIGHT-IN	580(496)
VISUAL CIRCLING	580(496)
DRG. NO. AAI/01-IALC/15/08.01.2016	