AERODROME ELEVATION 98 ft.

DISTANCE IN METRE.
ELEVATION IN FEET(EGM-08).
GRID LINES AND CO-ORDINATES
SHOWN ARE BASED ON WGS-84
DATUM.UTM ZONE-44N

AERODROME OBSTACLE CHART

TYPE - B

TUTICORIN, INDIA

TUTICORIN AIRPORT

CODE-4 (IFR)

77°58'0"E 77°59'0"E 78°0'0"E 78°1'0"E 78°2'0"E 78°3'0"E 78°4'0"E 78°5'0"E

8°46'0"N 8°45'0"N 8°44'0"N 8°43'0"N 8°42'0"N

ARNON RIVER

N (MAG.) N (TRUE)
VAR - 02°27' W (2010)
ANNUAL RATE OF CHANGE 2'E

CONICAL SURFACE

INNER HORIZONTAL SURFACE
PERM. ELEV.=245 ft.

6000m.

4000m.

MAG. BEARING 294°43'
DIST. FROM ARP=10884m.

MAG. BEARING 291°18'
DIST. FROM ARP=12007m.

MAG. BEARING 290°12'
DIST. FROM ARP=14962m.

MAG. BEARING 287°01'
DIST. FROM ARP=12856m.

MAG. BEARING 297°13'
DIST. FROM ARP=13205m.

MAG. BEARING 309°33'
DIST. FROM ARP=8754m.

MAG. BEARING 338°11'
DIST. FROM ARP=7819m.

MAG. BEARING 339°28'
DIST. FROM ARP=9665m.

MAG. BEARING 330°01'
DIST. FROM ARP=9223m.

MAG. BEARING 352°37'
DIST. FROM ARP=7371m.

MAG. BEARING 344°28'
DIST. FROM ARP=7973m.

MAG. BEARING 355°13'
DIST. FROM ARP=7850m.

MAG. BEARING 004°46'
DIST. FROM ARP=9225m.

MAG. BEARING 005°35'
DIST. FROM ARP=9914m.

MAG. BEARING 010°52'
DIST. FROM ARP=9503m.

MAG. BEARING 017°08'
DIST. FROM ARP=9166m.

MAG. BEARING 029°01'
DIST. FROM ARP=8786m.

TAKE-OFF CLIMB SURFACE SLOPE 1:50

APPROACH SURFACE SLOPE UPTO 1:50

DIVERGENCE-12.5%

APPROACH SURFACE SLOPE UPTO 1:40

DIVERGENCE-15%

RWY
3115m.X45m.

10

28

RWY ELEV.
98 ft.

103°(M)

ARP

RWY STRIP
3235mX280m.

283°(M)

RWY ELEV.
82 ft.

HOLYCROSS ENGG.
COLLEGE

KORRAM PALLAM CHANNEL

SR. NO.	UUID	UID	OBJECT	LATITUDE	LONGITUDE	TOP ELEV. (IN FEET.)	PERMISIBLE. ELEV. (IN FEET)	OBSTACLE (IN FEET)	REMARKS	DIST. FROM ARP IN (M)
1	VOTK_4005	4158	GLIDEPATH 2 (U/C)	08°43'11.503" N	078°02'13.824" E	84	82	2	WITHIN RWY STRIP	1241
2	VOTK_7056	4140	WIND SOCK	08°43'15.904" N	078°01'53.232" E	104	82	22	WITHIN RWY STRIP	596
3	VOTK_9068	-	PAPI LIGHT	08°43'14.350" N	078°02'13.210" E	83	82	1	WITHIN RWY STRIP	1206
4	VOTK_9067	-	PAPI	08°43'31.756" N	078°00'55.404" E	94	93	1	WITHIN RWY STRIP	1239
5	VOTK_9113	5364	WIND MILL	08°45'19.360" N	077°54'51.440" E	717	590	127	WITHIN O.H.S.	12856
6	VOTK_9114	5371	WIND MILL	08°46'04.592" N	077°53'53.951" E	652	590	62	WITHIN O.H.S.	14962
7	VOTK_9115	5372	WIND MILL	08°46'33.625" N	077°55'08.844" E	689	590	99	WITHIN O.H.S.	13205
8	VOTK_9120	5385	WIND MILL	08°45'39.180" N	077°55'27.459" E	697	590	107	WITHIN O.H.S.	12007
9	VOTK_9125	5391	WIND MILL	08°48'24.197" N	078°02'30.393" E	657	590	67	WITHIN O.H.S.	9503
10	VOTK_9126	5392	WIND MILL	08°48'41.333" N	078°02'03.262" E	657	590	68	WITHIN O.H.S.	9914
11	VOTK_9149	5309	WIND MILL	08°45'45.714" N	077°56'09.928" E	682	590	93	WITHIN O.H.S.	10884
12	VOTK_9063	-	APPROACH LIGHT	08°43'33.101" N	078°00'41.909" E	100	98	2	WITHIN TAKE-OFF RWY-10	1649
13	VOTK_9151	5311	WIND MILL	08°47'15.539" N	077°59'57.376" E	645	590	55	WITHIN O.H.S.	7819
14	VOTK_9117	5379	WIND MILL	08°47'17.718" N	078°01'01.410" E	629	590	39	WITHIN O.H.S.	7371
15	VOTK_9121	5386	WIND MILL	08°46'19.782" N	077°57'52.168" E	637	590	47	WITHIN O.H.S.	8754
16	VOTK_9116	5378	WIND MILL	08°47'29.496" N	078°00'22.478" E	619	590	30	WITHIN O.H.S.	7973
17	VOTK_9128	5394	WIND MILL	08°47'34.473" N	078°01'10.874" E	632	590	42	WITHIN O.H.S.	7850
18	VOTK_9150	5310	WIND MILL	08°47'43.293" N	077°59'52.866" E	645	590	55	WITHIN O.H.S.	8663
19	VOTK_9118	5380	WIND MILL	08°47'38.820" N	077°59'01.508" E	657	590	68	WITHIN O.H.S.	9223
20	VOTK_9124	5390	WIND MILL	08°48'05.761" N	078°03'00.280" E	652	590	62	WITHIN O.H.S.	9166
21	VOTK_9127	5393	WIND MILL	08°48'19.399" N	078°01'56.944" E	632	590	42	WITHIN O.H.S.	9225
22	VOTK_9123	5389	WIND MILL	08°47'49.537" N	078°03'10.486" E	645	590	55	WITHIN O.H.S.	8789

LEGEND

AERODROME REFERENCE POINT 08°43'20.245"N 078°01'34.227"E	⊕
NATIONAL HIGHWAY	
MAJOR ROAD	
RIVER	
WATERBODIES	
BUILD-UP AREA	

ORDER OF ACCURACY	
TAKE-OFF AND APPROACH AREAS	
HORIZONTAL	REMARK
5M	AT POINT OF ORIGIN INCREASING AT A RATE OF 1 PER 500.
VERTICAL	REMARK
0.5M	IN THE FIRST 300M AND INCREASING AT A RATE OF 1 PER 1000.
OTHER AREAS	
HORIZONTAL	REMARK
5M	WITHIN 5000M OF THE ARP AND 12M BEYOND THAT AREA.
VERTICAL	REMARK
1M	WITHIN 1500M OF THE ARP INCREASING AT A RATE OF 1 PER 1000.

SCALE 1:20,000

METRES
570 0 570 1140 1710 2280 2850

2000 0 2000 4000 6000 8000 10000
FEET

NOTE :

1.OBSTACLES SHOWN ARE THOSE WHICH PENETRATE THE SURFACES SPECIFIED IN ANNEX 14, VOL-1, CHAPTER-4 & GSR.
2.TORA FOR RWY-10 IS 3115M.
TORA FOR RWY-28 IS 3115M.
3.TO BRING OUT THE CLEARITY IN THE OBSTACLES DEPICTED IN THE APPROACH AND TAKE-OFF SURFACE, ONLY HIGHER OBSTACLES HAVE BEEN SHOWN FROM GROUP OF OBSTACLES.
4.ALL OBSTACLES ARE SHOWN IN THE CHART BASED ON AERONAUTICAL SURVEY APRIL.2023
5.TOPOGRAPHIC FEATURES SOURCE- WORLD TOPO MAP, ESRI

AMENDMENT RECORD		
NO.	DATE	ENTERED BY
1.	21/05/2025	As per Revised Survey Chart DT. (25-04-2025)

AERONAUTICAL INFORMATION UPTO APRIL 2025

COMPILED BY:CARTO, AIRPORTS AUTHORITY OF INDIA

(UPDATED DATE- 08-08-2025)

AAI DRG.NO.- 39/TUTICORIN/2024(CARTO)