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## **AERODROME (AD)**

### **S5 DAR ES SALAAM FIR - HTDC**

Detailed surveyed geographical co-ordinates in WGS-84 system for aerodrome and en-route air navigation obstacles are available in Appendix A to this supplement.

**(Refer S5/2005)**

### **S15 URAMBO - HTUR**

Runway 12/30 operating but caution advised due to rough surface 400 meters from threshold runway 12 and also movement of people and animals along the runway.

**(Refer S36/2005).**



**APPENDIX A TO SUP 5/2006:**

**SURVEYED OBSTACLES IN WGS - 84 COODRINATES**

**Mwalimu Julius K. Nyerere International Airport**

Name	Latitude	Longitude	Ellipsoidal height (M)	Ellipsoidal height (FT)	Geoid Height (M)	Geoid Height (FT)
ATC Tower	06° 52' 28.7613" S	039° 12' 38.7183" E	63.41	208.06	91.11	298.91
Old atc Tower	06° 52' 25.2822" S	039° 12' 09.3568" E	51.55	169.15	79.22	259.9
temp. TS point 2	06° 54' 15.2405" S	039° 04' 48.1967" E	278.10	912.46	305.28	1001.59
temp. TS point 3	06° 54' 19.1421" S	039° 04' 42.7826" E	267.01	876.06	294.18	965.17
temp. TS point 4	06° 51' 37.9649" S	039° 12' 38.0185" E	49.69	163.04	77.41	253.96
Bakhresa Bakery	06° 51' 38.0037" S	039° 12' 37.1427" E	68.29	224.05	96.00	314.96
Terminal antenna	06° 51' 58.6716" S	039° 12' 27.2028" E	52.01	170.63	79.70	261.49
Powerline pole 1	06° 51' 36.3947" S	039° 12' 30.3298" E	63.15	207.20	90.86	298.1
Powerline pole 2	06° 51' 33.0475" S	039° 12' 30.0886" E	63.09	207.01	90.80	297.91
Powerline pole 3	06° 51' 44.9622" S	039° 17' 23.3262" E	61.61	202.13	89.65	294.12
Powerline pole 4	06° 52' 01.0851" S	039° 17' 51.6384" E	63.21	207.38	91.28	299.46
Cell Phone antenna 1	06° 51' 05.8922" S	039° 13' 32.2648" E	44.17	144.91	71.95	236.07
Cell Phone antenna 2	06° 47' 39.9488" S	039° 16' 21.3501" E	40.41	132.57	68.46	224.62
Cell Phone antenna 3	06° 50' 15.5268" S	039° 12' 49.0355" E	47.44	155.63	75.20	246.71
Cell Phone antenna 4	06° 51' 46.8632" S	039° 12' 20.1616" E	58.37	191.50	86.06	282.35
Cell Phone antenna 5	06° 51' 56.7216" S	039° 12' 07.4219" E	75.94	249.15	103.61	339.93
Cell Phone antenna 6	06° 52' 20.5332" S	039° 10' 36.9991" E	82.31	270.04	109.87	360.48
Disc antenna 0	06° 52' 20.6676" S	039° 12' 06.0863" E	47.66	156.38	75.33	247.13
Disc Antenna 1	06° 52' 10.9281" S	039° 11' 59.3379" E	52.46	172.12	80.12	262.86
HF antenna Pole 1	06° 53' 05.5318" S	039° 12' 17.5498" E	69.47	227.93	97.13	318.66
HF antenna Pole 2	06° 53' 07.3527" S	039° 12' 21.0400" E	68.32	224.17	95.98	314.9
HF antenna Pole 3	06° 52' 22.0135" S	039° 11' 17.9920" E	80.22	263.19	107.83	353.76
HF antenna Pole 4	06° 52' 29.5139" S	039° 11' 16.9963" E	76.32	250.39	103.92	340.95
Radar Station	06° 52' 13.4048" S	039° 12' 51.0202" E	46.95	154.04	74.66	244.96
Apron light 1	06° 52' 10.9522" S	039° 12' 26.6795" E	45.16	148.18	72.85	239.02
Apron light 2	06° 52' 10.2001" S	039° 12' 24.8756" E	45.02	147.70	72.70	238.53
Apron light 3	06° 52' 09.5170" S	039° 12' 23.2160" E	45.23	148.40	72.92	239.23
Apron light 4	06° 52' 08.8291" S	039° 12' 21.5615" E	45.08	147.91	72.76	238.73
Apron light 5	06° 52' 08.1482" S	039° 12' 19.9069" E	45.33	148.71	73.01	239.53
Chimney (ALF factory)	06° 50' 36.3309" S	039° 15' 12.4845" E	52.23	171.38	80.15	262.95
RFA antenna	06° 54' 14.1153" S	039° 04' 46.9958" E	364.77	1196.80	391.94	1285.9
Tower	06° 47' 06.0720" S	039° 10' 12.0848" E	186.16	610.79	213.85	701.62
tpdf antenna	06° 54' 09.0985" S	039° 04' 46.6871" E	368.18	1208.01	395.37	1297.13
ttcl antenna	06° 54' 17.3504" S	039° 04' 47.5053" E	334.78	1098.41	361.96	1187.52
Wind anemometer	06° 52' 36.2518" S	039° 12' 19.0282" E	34.58	113.46	62.25	204.24
Windsock 1	06° 52' 26.5873" S	039° 12' 31.0293" E	28.64	93.95	56.32	184.79
Windsock 2	06° 52' 32.5828" S	039° 12' 08.1026" E	37.00	121.39	64.66	212.13

### Kilimanjaro International Airport

Name	Latitude	Longitude	Ellipsoidal height (M)	Ellipsoidal height (FT)	Geoid Height (FT)	Geoid Height (M)
Temp ts point 1(top of the	03° 22' 43.59532" S	37° 00'49.02652"E	967.55	3174.52	3174.37	967.55
Temp ts point 2	03° 23' 14.97734"S	36° 55'07.30058"E	1179.53	3870.03	3869.84	1179.53
Temp ts point 3	03° 22' 59.83168" S	36° 54'49.77428"E	1196.19	3924.71	3924.52	1196.19
Old glide path	03° 25' 52.40801"S	37° 03'40.37869"E	906.04	2972.72	2972.57	906.04
old radar(ATC tower)	03° 25' 28.84651"S	37° 03'58.11147"E	921.30	3022.77	3022.63	921.30
Wind sock RWY 09	03° 25' 41.23721"S	37° 03'29.42150"E	900.47	2954.44	2954.30	900.47
Wind sock rwy 27	03° 25' 50.49802"S	37° 05'26.66308"E	890.15	2920.57	2920.43	890.15
Weather anemometer	03° 25' 42.01187"S	37° 03'58.75369"E	900.72	2955.27	2955.12	900.72
old hf antenna	03° 26' 01.80630"S	37° 04'04.53508"E	905.00	2969.31	2969.16	905.00
old meteorology radar	03° 25' 28.69342"S	37° 04'51.55214"E	897.81	2945.70	2945.56	897.81
Aircraft hangar (kadco 1)	03° 25' 28.57822"s	37° 03'39.51761"E	931.44	3056.06	3055.91	931.44
Aircraft hangar (kadco 2)	03° 25' 28.74420"S	37° 03'42.04872"E	933.56	3063.02	3062.88	933.57
Apron Light 1	03° 25' 36.02053"S	37° 03'55.34749"E	908.39	2980.44	2980.29	908.39
Apron Light 2	03° 25' 35.82905"S	37° 03'59.76973"e	908.09	2979.45	2979.30	908.09
Apron Light 3	03° 25' 29.72376"S	37° 03'52.74643"e	909.01	2982.47	2982.32	909.01
Apron Light 4	03° 25' 29.64462"S	37° 03'54.55655"e	908.93	2982.20	2982.05	908.93
Apron Light 5	03° 25' 29.57046"S	37° 03'56.29272"e	908.80	2981.78	2981.63	908.80
Apron Light 6	03° 25' 29.48911"S	37° 03'58.10120"E	908.74	2981.59	2981.44	908.74
Apron Light 7	03° 25' 29.41441"S	37° 03'59.86613"E	908.57	2981.03	2980.89	908.58
Building (dahaco 1)	03° 25' 27.11922"S	37° 04'08.58617"E	908.47	2980.69	2980.55	908.47
Building (dahaco 2)	03° 25' 27.07021"S	37° 04'09.63236"E	908.71	2981.48	2981.33	908.71
Cell phone tower 1	03° 23' 52.33092"S	37° 03'51.52636"E	939.32	3081.90	3081.75	939.32
Cell phone tower 2	03° 22' 05.85086"S	37° 03'48.22836"E	1008.61	3309.26	3309.10	1008.61
Cell phone tower 3	03° 23' 02.51510"S	36° 54'46.87553"E	1235.77	4054.55	4054.35	1235.77
Cell phone tower 4	03° 23' 05.65627"S	36° 54'42.69825"E	1260.89	4136.99	4136.79	1260.89
Cell phone tower 5	03° 23' 09.37655"S	36° 54'48.96789"E	1242.37	4076.22	4076.02	1242.37
Cell phone tower 6	03° 23' 11.27450"S	36° 54'40.96352"E	1265.82	4153.15	4152.95	1265.82
hill north 1	03° 23' 58.63056"S	36° 59'55.22130"e	1041.17	3416.06	3415.90	1041.17
Hill North 2	03° 23' 10.17121"S	37° 00'04.28335"E	1035.16	3396.34	3396.18	1035.16
Hill North 3	03° 22' 04.83817"S	36° 55'40.67629"E	1320.43	4332.32	4332.11	1320.43
mountain 6080 ft	03° 20' 49.58842"S	36° 56'48.71921"E	1563.91	5131.19	5130.93	1563.91
mbuguni (994m)	03° 28' 29.85664"S	37° 09'42.25117"E	1001.22	3285.02	3284.85	1001.22
Hill south 7	03° 31' 54.97033"S	37° 05'24.02768"E	1113.35	3652.91	3652.74	1113.36
Hill south 8	03° 33' 52.34473"S	37° 05'27.65768"E	1275.79	4185.85	4185.65	1275.79

### Mwanza Airport

Obstacle(TPDF mast)	02° 27' 27.39909"S	032° 56' 03.26642"E	1194.23	3918.27		
Obstacle (RTD mast)	02° 27' 51.11791"S	032° 55' 00.98880"E	1225.163	4019.76		

### Zanzibar International Airport

Obstacle( TWR)	06° 13' 08.48619"S	39° 13' 17.65760"E	8.9416	29.34		
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