

RADIO EQUIPMENT AND LOCATION DATA

EQUIPMENT TYPE		DESCRIPTION	NATIONAL GRID	CO-ORDINATES	GEOGRAPHICAL		CO-ORDINATES	AZIMUTH	HEIGHT OF BASE AMSL	HEIGHT OF CENTRE OF ANTENNA FROM GROUND
			EASTINGS	NORTHINGS	LATITUDE	LONGITUDE				
MSSR		CENTRE OF ROTATION	500074.89	348624.85	53°01'32.117"N	00°30'33.704"W	OMNI	68.0	18.7	
MSSR MONITOR		ON CONTROL TOWER	501584.58	349500.13	53°01'59.410"N	00°29'11.712"W		56.0	7.6	
WATCHMAN RADAR		CENTRE OF BUILDING	500945.28	348796.05	53°01'37.065"N	00°29'46.814"W	OMNI	62.6	12.5	
WATCHMAN MARKER CENTRE 26		AERIAL	502326.45	349280.69	53°01'51.802"N	00°28'32.151"W		53.1	1.2	
WATCHMAN MARKER SOUTH 26		AERIAL	501969.15	349104.02	53°01'46.332"N	00°28'51.525"W		55.5	2.0	
WATCHMAN MARKER TD 08		AERIAL	500468.93	349126.38	53°01'48.076"N	00°30'12.001"W		64.1	2.0	
RPAR		CENTRE	501144.88	349213.74	53°01'50.444"N	00°29'35.631"W		60.5	5.1	
RPAR MARKER EAST		AERIAL	501739.81	349304.36	53°01'52.970"N	00°29'03.604"W		57.0	2.0	
RPAR MARKER WEST		AERIAL	500696.42	349147.13	53°01'48.594"N	00°29'59.770"W		63.0	2.3	
HRDF		CENTRE OF STRUCTURE	501218.31	348914.94	53°01'40.728"N	00°29'32.028"W		60.4	3.8	
HRDF MARKER 1		MAST	501261.59	348873.46	53°01'39.357"N	00°29'29.752"W		60.2	5.0	
HRDF MARKER 2		MAST	501308.29	348916.88	53°01'40.730"N	00°29'27.197"W		59.6	5.0	
TACAN AN/TRN26		MAST	501668.04	348995.62	53°01'43.032"N	00°29'07.805"W	OMNI	57.6	2.0	
ILS LOCALIZER 26 APP		POINT 'Q'	499736.39	348893.48	53°01'41.035"N	00°30'51.568"W		69.9	1.9	
ILS GLIDEPATH		POINT 'T'	501919.66	349349.14	53°01'54.293"N	00°28'53.904"W		56.7	6.5	
ILS DME		AERIAL	501920.69	349346.25	53°01'54.201"N	00°28'53.850"W	OMNI	56.7	6.0	
CONTROL TOWER		CENTRE OF CUPOLA	501583.82	349504.63	53°01'59.556"N	00°29'11.748"W	OMNI	56.0	12.7	
STANDBY VHF/UHF TX/RX		IN CONTROL TOWER	501583.82	349504.63	53°01'59.556"N	00°29'11.748"W	OMNI	56.0	12.7	
VHF/UHF RX		ABACUS MAST	501466.18	349494.60	53°01'59.311"N	00°29'18.072"W	OMNI	54.7	17.7	
VHF/UHF Tx/Rx		SYKES BUILDING	499886.17	349293.64	53°01'53.879"N	00°30'43.086"W	OMNI			
MAIN VHF/UHF RX		MAST	502383.27	349715.79	53°02'05.836"N	00°28'28.608"W	OMNI	51.8	23.5	
MAIN VHF/UHF TX		MAST	502622.48	349995.13	53°02'14.708"N	00°28'15.451"W	OMNI	48.8	23.5	
NDB		MAST	501436.87	348731.53	53°01'34.646"N	00°29'20.507"W	OMNI	57.5	14.5	
ANEMOMETER		MAST	502059.28	349495.97	53°01'58.950"N	00°28'46.243"W		55.6	13.3	
RADIO RELAY		SITE 1	500726.00	349608.00	53°02'03.480"N	00°29'57.668"W				
RADIO RELAY		SITE 2	501084.00	349798.00	53°02'09.384"N	00°29'38.242"W				
MERCURY MICROWAVE		ON ROOF (APPROX)	501220.00	349610.00	53°02'03.210"N	00°29'31.155"W				
RVR		CENTRE OF BUILDING	501915.52	349111.70	53°01'46.615"N	00°28'54.396"W				
08 THRESHOLD BAR		CENTRE LIGHT	500311.55	348979.49	53°01'43.428"N	00°30'20.612"W				
26 THRESHOLD BAR		CENTRE LIGHT	502116.48	349249.27	53°01'50.928"N	00°28'43.456"W				
01 THRESHOLD BAR		CENTRE LIGHT	501690.91	348154.56	53°01'15.805"N	00°29'07.532"W				
19 THRESHOLD BAR		CENTRE LIGHT	501868.61	349604.12	53°02'02.577"N	00°28'56.354"W				
TRUCK RUNWAY CONTROL		01 END (APPROX)	501640.00	348230.00	53°01'18.281"N	00°29'10.178"W				
TRUCK RUNWAY CONTROL		19 END (APPROX)	501910.00	349530.00	53°02'00.151"N	00°28'54.217"W				
TRUCK RUNWAY CONTROL		08 END (APPROX)	500370.00	349040.00	53°01'45.346"N	00°30'17.408"W				
TRUCK RUNWAY CONTROL		26 END (APPROX)	502060.00	349170.00	53°01'48.402"N	00°28'46.577"W				
NORTH RAUCEBY SPIRE			502104.46	346447.62	53°00'20.303"N	00°28'47.286"W				
TES SITE 1		MES/GEF C/PARK	500239.56	349395.61	53°01'56.940"N	00°30'24.008"W				
TES SITE 2		GUARD ROOM C/PARK	500847.62	349731.64	53°02'07.400"N	00°29'51.000"W				
TES SITE 3		WHITTLE C/PARK	499799.46	349896.49	53°02'13.440"N	00°30'47.068"W				
TES SITE 4		MSSR HARD STANDING	500077.00	348623.00	53°01'32.056"N	00°30'33.593"W				
STAR NG	(proposed)	CENTRE OF ROTATION	501199.00	348053.00	53°01'12.858"N	00°29'34.037"W	OMNI	58.0	22.7	
STAR MTI MARKER 1	(proposed)	ON WAM S1 TOWER	502378.39	349734.96	53°02'06.462"N	00°28'28.846"W		53.5	10.4	
STAR MTI MARKER 2	(proposed)	ON MSSR TOWER	500074.89	348624.85	53°01'32.117"N	00°30'33.704"W		68.0	15.4	
WAM OMNI (S1)		NEW TOWER	502378.39	349734.96	53°02'06.462"N	00°28'28.846"W	OMNI	53.5	27.0	
WAM MICROWAVE LINK 1 (S1)		TO CONINGSBY (S1)	502378.39	349734.96	53°02'06.462"N	00°28'28.846"W	69.9°	53.5	27.0	
WAM OMNI (S2)		NEW TOWER	499454.63	349920.43	53°02'14.445"N	00°31'05.548"W	OMNI	73.2	20.5	
WAM MICROWAVE LINK 2 (S2)		TO BELMONT	499454.63	349920.43	53°02'14.445"N	00°31'05.548"W	33.5°	73.2	20.5	
WAM SECTORIAL (S3)		ON TOWER	500074.89	348624.85	53°01'32.117"N	00°30'33.704"W	0 & 180°	68.0	9.0	
TACAN AN454	(proposed)	CENTRE OF TOWER	501482.00	348838.00	53°01'38.060"N	00°29'17.966"W	OMNI	59.0	12.0	

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RUNWAY DATA			
OVERALL RUNWAY	10000	FEET	30.48

RUNWAY END	OVERALL R/W LENGTH (GROUND)	NATIONAL GRID CO-ORDINATES		NATIONAL GRID BEARING
		Easting	Northings	
08	2081.63m	500150.22	348955.38	81°29'57"
26	6829.50ft	501148.01	349188.41	261°29'57"
01	1463.90m	501690.73	348153.04	06°59'19"
19	4802.83ft	505868.80	349605.66	186°59'19"

NOTES

1. GEOGRAPHICAL CO-ORDINATES ARE DISPLAYED IN WGS 84 FORMAT.
NATIONAL GRID CO-ORDINATES ARE DISPLAYED IN OSGB 36 FORMAT.
2. THE RESTRICTIONS SHOWN ON THIS DRAWING ARE FIXED GROUND
RESTRICTIONS ONLY. SLOPE, EED AND OTHER RESTRICTIONS ALSO
APPLY. FOR DETAILS SEE JSP 604 LEAFLET 3032 (FORMERLY JSP 846)
AND CONSULT THE STATION REPRESENTATIVES.
3. USERS NOTING ERRORS OR OMISSIONS ON THIS DRAWING ARE
REQUESTED TO MARK THEM THEREON AND TO FORWARD DIRECTLY
TO CARTOGRAPHICAL SECTION RSP 2, DES ISTAR ADEWS,
RAF HENLOW (TEL 0300 151 4603).
4. TRANSPORTABLE EARTH STATIONS (TES). NO AIRCRAFT/PARKED OR
MANOEUVRING SHALL BE ALLOWED WITHIN THE MARKED ZONE
DURING TES OPERATION,
5. HARRIS FENCE (TEMPORARY). AMSL 68.97m & HEIGHT 2.0m.
6. ANTENNA HEIGHT SUPPLIED BY AQUILA.

SURVEY DATE 20/05/2014		DIMIN M		SCALE		RADIO SITE PROTECTION (RSP)							
ADVANCED PUBLICATION OF PROVISIONAL ISSUE 5 RESTRICTIONS MAP. PUBLISHED SO NEW STAR, TACAN AND WAM EQUIPMENT CAN BE DISPLAYED FOR FULL LOCATION PROTECTION PURPOSES.						TITLE		OFFICIAL				U	
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