

AA - 11 WORLD TRADE CENTER 11 SEP 01

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
NOR	12:00:27.000	8:00:27	Reinforced	47.000	297.861	2800	1443	1900	42.3968	-70.9889	42 23 48.547 N	070 59 19.887 W
NOR	12:00:39.720	8:00:40	Reinforced	47.125	298.389	3200	1443		42.4042	-70.9868	42 24 14.976 N	070 59 12.431 W
NOR	12:00:51.570	8:00:52	Reinforced	47.250	299.355	3200	1443	2300	42.4169	-70.9808	42 25 00.688 N	070 58 51.005 W
NOR	12:01:03.840	8:01:04	Reinforced	47.250	300.322	2800	1443	2500	42.4285	-70.9721	42 25 42.433 N	070 58 19.445 W
NOR	12:01:15.655	8:01:16	Reinforced	47.125	301.201	2800	1443	2900	42.4378	-70.9614	42 26 16.196 N	070 57 41.161 W
NOR	12:01:27.845	8:01:28	Reinforced	46.625	302.080	4400	1443	3300	42.4438	-70.9434	42 26 37.661 N	070 56 36.328 W
NOR	12:01:39.470	8:01:39	Reinforced	46.000	302.783	3600	1443	3700	42.4463	-70.9247	42 26 46.804 N	070 55 28.920 W
RIV	12:02:03.930	8:02:04	Reinforced	124.375	39.814	10800	1443	4600	42.4578	-70.8944	42 27 27.912 N	070 53 39.770 W
RIV	12:02:15.970	8:02:16	Reinforced	124.875	40.166	10400	1443	5100	42.4556	-70.8740	42 27 20.190 N	070 52 26.557 W
RIV	12:02:28.045	8:02:28	Reinforced	125.000	40.605	8000	1443	5500	42.4465	-70.8561	42 26 47.556 N	070 51 21.858 W
RIV	12:02:40.205	8:02:40	Search	124.875	41.045	8800			42.4341	-70.8422	42 26 02.813 N	070 50 31.808 W
NOR	12:02:40.255	8:02:40	Reinforced	42.125	304.189	6000	1443	5900	42.4263	-70.8381	42 25 34.545 N	070 50 17.166 W
RIV	12:02:52.035	8:02:52	Reinforced	124.375	41.484	8000	1443	6400	42.4173	-70.8337	42 25 02.436 N	070 50 01.491 W
RIV	12:03:04.005	8:03:04	Reinforced	123.875	41.836	8800	1443	6900	42.4026	-70.8289	42 24 09.250 N	070 49 44.000 W
RIV	12:03:15.955	8:03:16	Reinforced	123.500	42.100	10400	1443	7300	42.3915	-70.8254	42 23 29.385 N	070 49 31.304 W
RIV	12:03:27.995	8:03:28	Reinforced	122.875	42.539	12800	1443	7700	42.3731	-70.8197	42 22 23.057 N	070 49 10.863 W
RIV	12:03:40.050	8:03:40	Reinforced	122.125	42.979	10000	1443	8100	42.3532	-70.8162	42 21 11.436 N	070 48 58.457 W
RIV	12:03:52.005	8:03:52	Reinforced	121.250	42.891	9600	1443	8600	42.3449	-70.8330	42 20 41.468 N	070 49 58.755 W
RIV	12:04:03.955	8:04:04	Reinforced	120.500	43.154	9600	1443	9100	42.3294	-70.8358	42 19 45.831 N	070 50 09.014 W
RIV	12:04:15.990	8:04:16	Reinforced	119.625	43.242	11200	1443	9500	42.3168	-70.8467	42 19 00.504 N	070 50 48.029 W
RIV	12:04:27.925	8:04:28	Reinforced	118.625	43.330	10800	1443	9900	42.3028	-70.8595	42 18 09.926 N	070 51 34.292 W
RIV	12:04:39.990	8:04:40	Reinforced	117.750	43.154	12000	1443	10100	42.2966	-70.8791	42 17 47.623 N	070 52 44.810 W
RIV	12:04:52.015	8:04:52	Reinforced	117.000	43.066	11600	1443	10300	42.2897	-70.8938	42 17 22.909 N	070 53 37.630 W
RIV	12:05:03.975	8:05:04	Reinforced	116.125	42.627	10800	1443	10700	42.2895	-70.9219	42 17 22.334 N	070 55 18.845 W
RIV	12:05:15.940	8:05:16	Reinforced	115.250	42.451	13200	1443	11000	42.2831	-70.9413	42 16 59.010 N	070 56 28.534 W
RIV	12:05:27.995	8:05:28	Reinforced	114.375	42.012	12400	1443	11400	42.2825	-70.9691	42 16 57.030 N	070 58 08.936 W
RIV	12:05:40.020	8:05:40	Reinforced	113.500	41.924	14000	1443	11700	42.2738	-70.9855	42 16 25.777 N	070 59 07.659 W
RIV	12:05:51.980	8:05:52	Reinforced	112.750	41.396	14400	1443	12000	42.2764	-71.0141	42 16 35.085 N	071 00 50.646 W
RIV	12:06:03.930	8:06:04	Reinforced	112.000	40.957	12400	1443	12400	42.2768	-71.0397	42 16 36.461 N	071 02 23.058 W
RIV	12:06:15.970	8:06:16	Reinforced	111.250	40.518	14000	1443	12600	42.2770	-71.0653	42 16 37.110 N	071 03 55.075 W
RIV	12:06:27.935	8:06:28	Reinforced	110.375	40.078	14800	1443	12900	42.2754	-71.0926	42 16 31.308 N	071 05 33.425 W
RIV	12:06:39.960	8:06:40	Reinforced	109.625	39.639	14800	1443	13300	42.2751	-71.1180	42 16 30.322 N	071 07 04.743 W
RIV	12:06:51.945	8:06:52	Beacon	108.875	39.375		1443	13800	42.2710	-71.1375	42 16 15.578 N	071 08 15.156 W
RIV	12:07:03.770	8:07:04	Reinforced	108.000	38.760	16000	1443	14200	42.2723	-71.1702	42 16 20.257 N	071 10 12.763 W
RIV	12:07:15.730	8:07:16	Reinforced	107.250	37.793	16800	1443	14700	42.2817	-71.2125	42 16 54.208 N	071 12 44.840 W
RIV	12:07:27.680	8:07:28	Reinforced	106.500	37.617	17600	1443	15200	42.2753	-71.2288	42 16 31.207 N	071 13 43.557 W
RIV	12:07:39.735	8:07:40	Reinforced	105.750	37.002	18000	1443	15600	42.2772	-71.2593	42 16 38.069 N	071 15 33.484 W
RIV	12:07:51.634	8:07:52	Reinforced	105.000	36.387	18000	1443	16000	42.2788	-71.2897	42 16 43.728 N	071 17 22.996 W
RIV	12:08:03.685	8:08:04	Reinforced	104.250	35.859	17600	1443	16400	42.2785	-71.3171	42 16 42.455 N	071 19 01.717 W
RIV	12:08:15.645	8:08:16	Reinforced	103.500	35.244	18800	1443	16900	42.2794	-71.3473	42 16 45.822 N	071 20 50.350 W
RIV	12:08:27.835	8:08:28	Reinforced	102.875	34.717	18800	1443	17400	42.2802	-71.3729	42 16 48.613 N	071 22 22.266 W
RIV	12:08:39.755	8:08:40	Reinforced	102.125	34.189	20000	1443	18000	42.2790	-71.3999	42 16 44.373 N	071 23 59.673 W
RIV	12:08:51.496	8:08:51	Reinforced	101.375	33.662	21200	1443	18500	42.2776	-71.4268	42 16 39.238 N	071 25 36.529 W
RIV	12:09:03.445	8:09:03	Reinforced	100.750	32.871	20400	1443	18800	42.2819	-71.4606	42 16 54.952 N	071 27 38.245 W
RIV	12:09:15.485	8:09:15	Reinforced	100.000	32.256	22000	1443	19100	42.2813	-71.4901	42 16 52.784 N	071 29 24.373 W

This document was originally created by the USAF 84 RADES (Radar Evaluation Squadron) as an Excel spreadsheet titled "Radar Data All 4 Events.xls," which was distributed in a CD-ROM that is now available in .iso format by downloading both .rar files at <http://www.megaupload.com/?d=CIRSUZJ9> and <http://www.megaupload.com/?d=8AT86CJW> . 84 RADES home page: <http://www.rades.hill.af.mil/>

<http://www.911conspiracy.tv>

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	12:09:27.445	8:09:27	Reinforced	99.250	31.729	21200	1443	19500	42.2790	-71.5165	42 16 44.540 N	071 30 59.576 W
RIV	12:09:39.500	8:09:40	Reinforced	98.625	31.025	20800	1443	20000	42.2809	-71.5471	42 16 51.305 N	071 32 49.624 W
RIV	12:09:51.527	8:09:52	Reinforced	97.875	30.322	22400	1443	20400	42.2807	-71.5790	42 16 50.404 N	071 34 44.433 W
RIV	12:10:03.500	8:10:03	Reinforced	97.250	29.795	22000	1443	20700	42.2793	-71.6035	42 16 45.600 N	071 36 12.671 W
RIV	12:10:15.435	8:10:15	Reinforced	96.625	29.004	22800	1443	21100	42.2814	-71.6366	42 16 53.217 N	071 38 11.611 W
RIV	12:10:27.495	8:10:27	Reinforced	96.000	28.389	23600	1443	21400	42.2808	-71.6637	42 16 50.812 N	071 39 49.248 W
RIV	12:10:39.520	8:10:40	Reinforced	95.375	27.598	24400	1443	21800	42.2821	-71.6964	42 16 55.692 N	071 41 47.186 W
RIV	12:10:51.495	8:10:51	Reinforced	94.750	26.895	23600	1443	22100	42.2820	-71.7262	42 16 55.107 N	071 43 34.151 W
RIV	12:11:03.235	8:11:03	Reinforced	94.125	26.016	24800	1443	22500	42.2836	-71.7615	42 17 01.043 N	071 45 41.396 W
RIV	12:11:15.270	8:11:15	Reinforced	93.500	25.400	24000	1443	22900	42.2817	-71.7880	42 16 53.981 N	071 47 16.807 W
RIV	12:11:27.205	8:11:27	Reinforced	93.000	24.697	25200	1443	23300	42.2823	-71.8160	42 16 56.396 N	071 48 57.692 W
RIV	12:11:39.285	8:11:39	Reinforced	92.375	23.818	25600	1443	23700	42.2828	-71.8509	42 16 57.913 N	071 51 03.179 W
RIV	12:11:51.205	8:11:51	Reinforced	91.875	23.115	25600	1443	24000	42.2828	-71.8786	42 16 57.908 N	071 52 43.066 W
RIV	12:12:03.250	8:12:03	Reinforced	91.375	22.324	26000	1443	24400	42.2833	-71.9091	42 17 00.035 N	071 54 32.939 W
RIV	12:12:15.195	8:12:15	Reinforced	90.875	21.357	26400	1443	24700	42.2853	-71.9453	42 17 07.137 N	071 56 43.165 W
RIV	12:12:27.065	8:12:27	Reinforced	90.375	20.566	26800	1443	25000	42.2851	-71.9756	42 17 06.439 N	071 58 32.007 W
RIV	12:12:39.105	8:12:39	Reinforced	89.875	19.775	26800	1443	25300	42.2846	-72.0056	42 17 04.446 N	072 00 20.301 W
RIV	12:12:51.140	8:12:51	Reinforced	89.375	18.809	27200	1443	25600	42.2852	-72.0414	42 17 06.609 N	072 02 28.896 W
RIV	12:13:03.115	8:13:03	Reinforced	89.000	17.930	27600	1443	25900	42.2865	-72.0731	42 17 11.517 N	072 04 23.249 W
RIV	12:13:15.140	8:13:15	Reinforced	88.500	17.051	28000	1443	26200	42.2855	-72.1056	42 17 07.819 N	072 06 20.279 W
RIV	12:13:27.120	8:13:27	Reinforced	88.125	16.172	28400	1443	26500	42.2861	-72.1371	42 17 09.814 N	072 08 13.740 W
RIV	12:13:39.065	8:13:39	Reinforced	88.000	15.293	28400	1443	26800	42.2902	-72.1670	42 17 24.847 N	072 10 01.329 W
RIV	12:13:51.090	8:13:51	Reinforced	88.125	14.326	28800	1443	27100	42.2987	-72.1985	42 17 55.168 N	072 11 54.482 W
RIV	12:14:02.835	8:14:03	Reinforced	88.375	13.359	29200	1443	27400	42.3087	-72.2295	42 18 31.361 N	072 13 46.109 W
RIV	12:14:14.875	8:14:15	Reinforced	88.625	12.480	29200	1443	27600	42.3179	-72.2578	42 19 04.445 N	072 15 28.184 W
RIV	12:14:26.850	8:14:27	Reinforced	88.875	11.426	29600	1443	27900	42.3277	-72.2925	42 19 39.657 N	072 17 32.824 W
RIV	12:14:38.875	8:14:39	Reinforced	89.250	10.547	30000	1443	28100	42.3382	-72.3209	42 20 17.573 N	072 19 15.114 W
RIV	12:14:50.835	8:14:51	Reinforced	89.625	9.580	30000	1443	28400	42.3488	-72.3527	42 20 55.701 N	072 21 09.616 W
RIV	12:15:02.880	8:15:03	Reinforced	90.000	8.701	30800	1443	28700	42.3587	-72.3818	42 21 31.145 N	072 22 54.492 W
RIV	12:15:14.735	8:15:15	Reinforced	90.375	7.822	30800	1443	28900	42.3682	-72.4113	42 22 05.479 N	072 24 40.566 W
RIV	12:15:26.680	8:15:27	Reinforced	90.750	6.943	30800	1443	28900	42.3774	-72.4411	42 22 38.749 N	072 26 27.806 W
RIV	12:15:38.730	8:15:39	Reinforced	91.250	5.977	30800	1443	28900	42.3887	-72.4740	42 23 19.171 N	072 28 26.363 W
RIV	12:15:50.570	8:15:51	Reinforced	91.625	5.186	30800	1443	28900	42.3970	-72.5013	42 23 49.110 N	072 30 04.830 W
RIV	12:16:02.715	8:16:03	Reinforced	92.125	4.219	30800	1443	28900	42.4075	-72.5351	42 24 26.828 N	072 32 06.269 W
RIV	12:16:14.650	8:16:15	Reinforced	92.750	3.340	30400	1443	28900	42.4194	-72.5659	42 25 10.013 N	072 33 57.200 W
RIV	12:16:26.740	8:16:27	Reinforced	93.250	2.549	30400	1443	28900	42.4289	-72.5941	42 25 44.047 N	072 35 38.722 W
RIV	12:16:38.690	8:16:39	Reinforced	93.750	1.582	30800	1443	28900	42.4382	-72.6291	42 26 17.545 N	072 37 44.704 W
RIV	12:16:50.420	8:16:50	Reinforced	94.375	0.791	30400	1443	28900	42.4491	-72.6580	42 26 56.723 N	072 39 28.625 W
RIV	12:17:02.470	8:17:02	Reinforced	95.000	0.000	30400	1443	28900	42.4597	-72.6872	42 27 34.812 N	072 41 14.000 W
RIV	12:17:14.495	8:17:14	Reinforced	95.625	359.033	30400	1443	28900	42.4699	-72.7235	42 28 11.512 N	072 43 24.543 W
RIV	12:17:26.465	8:17:26	Reinforced	96.250	358.242	30800	1443	28900	42.4798	-72.7536	42 28 47.103 N	072 45 12.917 W
RIV	12:17:38.410	8:17:38	Reinforced	96.875	357.539	30400	1443	28900	42.4894	-72.7807	42 29 21.932 N	072 46 50.662 W
RIV	12:17:50.450	8:17:50	Reinforced	97.625	356.660	30000	1443	28900	42.5006	-72.8151	42 30 02.275 N	072 48 54.407 W
RIV	12:18:02.300	8:18:02	Reinforced	98.250	355.781	30400	1443	28900	42.5093	-72.8498	42 30 33.639 N	072 50 59.182 W
RIV	12:18:14.325	8:18:14	Reinforced	99.000	355.254	30400	1443	28900	42.5206	-72.8715	42 31 14.174 N	072 52 17.326 W

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Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	12:18:26.280	8:18:26	Reinforced	99.750	354.375	30400	1443	28900	42.5307	-72.9072	42 31 50.551 N	072 54 25.893 W
RIV	12:18:38.355	8:18:38	Reinforced	100.500	353.584	30400	1443	28900	42.5407	-72.9399	42 32 26.416 N	072 56 23.764 W
RIV	12:18:50.280	8:18:50	Reinforced	101.250	352.881	30800	1443	28900	42.5506	-72.9696	42 33 02.154 N	072 58 10.682 W
RIV	12:19:02.240	8:19:02	Reinforced	102.000	352.178	30800	1443	28900	42.5602	-72.9997	42 33 36.818 N	072 59 58.960 W
RIV	12:19:14.305	8:19:14	Reinforced	102.875	351.475	30400	1443	28900	42.5716	-73.0306	42 34 17.805 N	073 01 50.121 W
RIV	12:19:26.225	8:19:26	Reinforced	103.625	350.859	30800	1443	28900	42.5811	-73.0579	42 34 51.806 N	073 03 28.471 W
RIV	12:19:38.290	8:19:38	Reinforced	104.500	350.156	30400	1443	28900	42.5918	-73.0896	42 35 30.631 N	073 05 22.548 W
RIV	12:19:50.210	8:19:50	Reinforced	105.375	349.277	30800	1443	28900	42.6013	-73.1289	42 36 04.598 N	073 07 43.899 W
RIV	12:20:01.980	8:20:02	Reinforced	106.250	348.838	30800	1443	28900	42.6130	-73.1506	42 36 46.647 N	073 09 02.323 W
RIV	12:20:14.020	8:20:14	Reinforced	107.125	348.135	31200	1443	28900	42.6228	-73.1836	42 37 21.983 N	073 11 00.854 W
RIV	12:20:25.960	8:20:26	Reinforced	108.000	347.607	30400	1443		42.6364	-73.2105	42 38 11.084 N	073 12 37.877 W
RIV	12:20:38.345	8:20:38	Search	108.875	346.904	31200			42.6423	-73.2432	42 38 32.217 N	073 14 35.503 W
RIV	12:20:50.295	8:20:50	Search	109.750	346.289	31600			42.6517	-73.2736	42 39 06.251 N	073 16 24.876 W
RIV	12:21:02.345	8:21:02	Search	110.750	345.762	30400			42.6639	-73.3014	42 39 50.039 N	073 18 05.094 W
RIV	12:21:14.280	8:21:14	Search	111.625	344.971	31200			42.6712	-73.3399	42 40 16.416 N	073 20 23.741 W
RIV	12:21:26.320	8:21:26	Search	112.625	344.443	32000			42.6825	-73.3684	42 40 56.967 N	073 22 06.267 W
RIV	12:21:38.270	8:21:38	Search	113.500	343.916	30800			42.6918	-73.3966	42 41 30.623 N	073 23 47.618 W
RIV	12:21:50.320	8:21:50	Search	114.500	343.037	30400			42.6993	-73.4409	42 41 57.615 N	073 26 27.332 W
RIV	12:22:02.380	8:22:02	Search	115.500	342.686	30400			42.7117	-73.4630	42 42 42.011 N	073 27 46.633 W
RIV	12:22:14.010	8:22:14	Search	116.500	342.158	30400			42.7220	-73.4929	42 43 19.198 N	073 29 34.382 W
RIV	12:22:26.045	8:22:26	Search	117.500	341.719	30400			42.7330	-73.5193	42 43 58.941 N	073 31 09.475 W
RIV	12:22:38.010	8:22:38	Search	118.625	341.279	32400			42.7455	-73.5468	42 44 43.924 N	073 32 48.430 W
RIV	12:22:50.060	8:22:50	Search	119.625	340.400	32000			42.7510	-73.5933	42 45 03.672 N	073 35 35.853 W
RIV	12:23:02.015	8:23:02	Search	120.625	340.049	32000			42.7624	-73.6168	42 45 44.566 N	073 37 00.399 W
RIV	12:23:13.935	8:23:14	Search	121.625	339.434	31600			42.7703	-73.6523	42 46 13.095 N	073 39 08.367 W
RIV	12:23:26.005	8:23:26	Search	122.750	339.170	31200			42.7844	-73.6735	42 47 03.955 N	073 40 24.451 W
RIV	12:23:37.965	8:23:38	Search	123.750	338.379	32400			42.7892	-73.7175	42 47 20.976 N	073 43 02.900 W
RIV	12:23:50.020	8:23:50	Search	124.875	338.203	31600			42.8042	-73.7352	42 48 15.150 N	073 44 06.780 W
RIV	12:24:02.150	8:24:02	Search	126.000	337.676	30000			42.8143	-73.7693	42 48 51.500 N	073 46 09.391 W
RIV	12:24:14.020	8:24:14	Search	127.000	337.324	32000			42.8242	-73.7942	42 49 27.257 N	073 47 38.985 W
RIV	12:24:25.960	8:24:26	Search	128.125	337.061	31600			42.8376	-73.8166	42 50 15.326 N	073 48 59.581 W
RIV	12:24:38.105	8:24:38	Search	129.250	336.182	32400			42.8411	-73.8676	42 50 28.134 N	073 52 03.500 W
RIV	12:24:50.050	8:24:50	Search	130.375	336.006	32800			42.8554	-73.8864	42 51 19.304 N	073 53 11.177 W
RIV	12:25:02.090	8:25:02	Search	131.500	335.742	31200			42.8684	-73.9097	42 52 06.170 N	073 54 34.910 W
RIV	12:25:14.040	8:25:14	Search	132.625	334.951	34800			42.8717	-73.9576	42 52 18.201 N	073 57 27.208 W
RIV	12:25:26.010	8:25:26	Search	133.750	334.512	31600			42.8816	-73.9899	42 52 53.594 N	073 59 23.486 W
RIV	12:25:38.050	8:25:38	Search	134.875	334.424	31200			42.8969	-74.0054	42 53 48.791 N	074 00 19.504 W
RIV	12:25:50.000	8:25:50	Search	136.000	333.984	31200			42.9059	-74.0379	42 54 21.172 N	074 02 16.398 W
RIV	12:26:02.045	8:26:02	Search	137.250	333.721	30400			42.9198	-74.0635	42 55 11.252 N	074 03 48.753 W
RIV	12:26:14.095	8:26:14	Search	138.250	333.281	30400			42.9265	-74.0952	42 55 35.364 N	074 05 42.833 W
RIV	12:26:26.035	8:26:26	Search	138.875	332.754	33200			42.9254	-74.1271	42 55 31.301 N	074 07 37.592 W
RIV	12:26:38.085	8:26:38	Search	138.750	332.051	33600			42.9099	-74.1596	42 54 35.700 N	074 09 34.500 W
RIV	12:26:49.820	8:26:50	Search	138.125	331.523	32000			42.8907	-74.1780	42 53 26.523 N	074 10 40.856 W
RIV	12:27:01.875	8:27:02	Search	137.000	331.172	30800			42.8676	-74.1821	42 52 03.411 N	074 10 55.655 W
RIV	12:27:13.925	8:27:14	Search	135.500	330.820	31200			42.8389	-74.1815	42 50 20.196 N	074 10 53.273 W

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Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	12:27:25.765	8:27:26	Search	134.000	330.557	30800			42.8122	-74.1765	42 48 43.909 N	074 10 35.280 W
RIV	12:27:37.820	8:27:38	Search	132.625	330.293	31200			42.7872	-74.1725	42 47 13.954 N	074 10 21.105 W
RIV	12:27:49.780	8:27:50	Search	131.250	329.941	31200			42.7606	-74.1723	42 45 38.221 N	074 10 20.125 W
RIV	12:28:01.740	8:28:02	Search	130.125	329.414	30400			42.7343	-74.1823	42 44 03.459 N	074 10 56.362 W
RIV	12:28:13.885	8:28:14	Search	129.000	328.799	32000			42.7059	-74.1954	42 42 21.299 N	074 11 43.291 W
RIV	12:28:25.740	8:28:26	Search	128.250	328.271	31200			42.6849	-74.2089	42 41 05.628 N	074 12 31.977 W
RIV	12:28:37.795	8:28:38	Search	127.250	327.744	32400			42.6601	-74.2187	42 39 36.320 N	074 13 07.193 W
RIV	12:28:49.820	8:28:50	Search	126.125	327.217	30800			42.6339	-74.2267	42 38 02.211 N	074 13 36.215 W
RIV	12:29:01.665	8:29:02	Search	124.875	326.689	31600			42.6058	-74.2324	42 36 20.895 N	074 13 56.553 W
RIV	12:29:13.705	8:29:14	Search	123.500	326.250	31200			42.5780	-74.2325	42 34 40.737 N	074 13 56.966 W
RIV	12:29:25.680	8:29:26	Search	122.000	325.986	31200			42.5521	-74.2236	42 33 07.519 N	074 13 24.798 W
RIV	12:29:49.655	8:29:50	Search	118.875	325.459	32000			42.4988	-74.2031	42 29 55.625 N	074 12 11.158 W
RIV	12:30:01.585	8:30:02	Search	117.250	325.020	33200			42.4678	-74.1981	42 28 04.152 N	074 11 52.990 W
RIV	12:30:13.545	8:30:14	Search	115.750	324.844	30400			42.4445	-74.1850	42 26 40.126 N	074 11 06.109 W
RIV	12:30:25.601	8:30:26	Search	114.125	324.316	32000			42.4120	-74.1822	42 24 43.209 N	074 10 55.995 W
RIV	12:30:37.655	8:30:38	Search	112.500	324.141	32400			42.3868	-74.1665	42 23 12.373 N	074 09 59.514 W
RIV	12:30:49.520	8:30:50	Search	110.875	323.877	32000			42.3600	-74.1538	42 21 36.097 N	074 09 13.747 W
RIV	12:31:01.670	8:31:02	Search	109.375	323.437	32000			42.3316	-74.1484	42 19 53.789 N	074 08 54.382 W
RIV	12:31:13.710	8:31:14	Search	107.750	323.174	30800			42.3052	-74.1352	42 18 18.846 N	074 08 06.584 W
RIV	12:31:25.748	8:31:26	Search	106.125	322.998	30800			42.2805	-74.1186	42 16 49.749 N	074 07 06.796 W
RIV	12:31:37.690	8:31:38	Search	104.500	322.559	30800			42.2509	-74.1102	42 15 03.126 N	074 06 36.818 W
RIV	12:31:49.665	8:31:50	Search	102.875	322.207	30400			42.2231	-74.0987	42 13 23.256 N	074 05 55.276 W
RIV	12:32:01.735	8:32:02	Search	101.250	321.943	30400			42.1971	-74.0840	42 11 49.608 N	074 05 02.390 W
RIV	12:32:13.680	8:32:14	Search	99.625	321.328	29600			42.1649	-74.0797	42 09 53.555 N	074 04 46.953 W
RIV	12:32:25.629	8:32:26	Search	98.000	321.064	28800			42.1393	-74.0644	42 08 21.464 N	074 03 51.721 W
RIV	12:32:37.755	8:32:38	Search	96.250	320.625	28400			42.1090	-74.0519	42 06 32.493 N	074 03 06.943 W
RIV	12:32:49.500	8:32:49	Search	94.625	320.273	28800			42.0820	-74.0382	42 04 55.275 N	074 02 17.549 W
RIV	12:33:01.555	8:33:02	Search	93.000	319.922	28800			42.0552	-74.0242	42 03 18.854 N	074 01 27.003 W
RIV	12:33:13.515	8:33:14	Search	91.375	319.658	28800			42.0302	-74.0074	42 01 48.587 N	074 00 26.633 W
RIV	12:33:25.450	8:33:25	Search	89.875	319.043	28800			42.0007	-74.0014	42 00 02.488 N	074 00 05.057 W
RIV	12:33:37.385	8:33:37	Search	88.250	318.691	28800			41.9745	-73.9861	41 58 28.041 N	073 59 10.113 W
RIV	12:33:49.530	8:33:50	Search	86.750	318.428	28800			41.9514	-73.9702	41 57 05.156 N	073 58 12.764 W
RIV	12:34:01.495	8:34:01	Search	85.250	318.164	29200			41.9285	-73.9540	41 55 42.538 N	073 57 14.288 W
RIV	12:34:13.430	8:34:13	Search	83.750	317.637	28800			41.9014	-73.9439	41 54 05.030 N	073 56 37.998 W
RIV	12:34:25.390	8:34:25	Search	82.250	317.109	28800			41.8745	-73.9332	41 52 28.141 N	073 55 59.482 W
RIV	12:34:37.430	8:34:37	Search	81.000	316.582	29200			41.8507	-73.9258	41 51 02.653 N	073 55 32.762 W
RIV	12:34:49.405	8:34:49	Search	79.750	316.055	29200			41.8272	-73.9179	41 49 38.029 N	073 55 04.606 W
RIV	12:35:01.345	8:35:01	Search	78.500	315.264	29200			41.7996	-73.9153	41 47 58.683 N	073 54 55.064 W
RIV	12:35:13.385	8:35:13	Search	77.250	314.736	28800			41.7766	-73.9065	41 46 35.747 N	073 54 23.332 W
RIV	12:35:25.530	8:35:26	Search	76.000	314.033	28800			41.7509	-73.9007	41 45 03.175 N	073 54 02.478 W
RIV	12:35:37.365	8:35:37	Search	74.875	313.506	28800			41.7296	-73.8928	41 43 46.670 N	073 53 34.245 W
RIV	12:35:49.420	8:35:49	Search	73.750	312.891	28800			41.7072	-73.8863	41 42 25.796 N	073 53 10.593 W
RIV	12:36:01.385	8:36:01	Search	72.625	312.275	28800			41.6849	-73.8792	41 41 05.654 N	073 52 45.150 W
RIV	12:36:13.315	8:36:13	Search	71.500	311.484	29200			41.6600	-73.8747	41 39 36.124 N	073 52 29.067 W
RIV	12:36:25.275	8:36:25	Search	70.375	310.869	29200			41.6382	-73.8666	41 38 17.570 N	073 51 59.773 W
RIV	12:36:37.340	8:36:37	Search	69.375	310.078	29200			41.6152	-73.8631	41 36 54.746 N	073 51 47.255 W

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Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	12:36:49.395	8:36:49	Search	68.250	309.375	29200			41.5925	-73.8554	41 35 32.918 N	073 51 19.489 W
RIV	12:37:01.215	8:37:01	Search	67.375	308.672	29600			41.5725	-73.8514	41 34 21.039 N	073 51 05.177 W
RIV	12:37:13.280	8:37:13	Search	66.375	307.881	29200			41.5502	-73.8463	41 33 00.797 N	073 50 46.779 W
RIV	12:37:25.110	8:37:25	Search	65.375	307.266	28400			41.5309	-73.8381	41 31 51.261 N	073 50 17.126 W
RIV	12:37:49.200	8:37:49	Search	63.500	305.859	27600			41.4914	-73.8249	41 29 28.918 N	073 49 29.809 W
RIV	12:38:01.170	8:38:01	Search	62.625	304.805	27200			41.4672	-73.8236	41 28 02.042 N	073 49 24.970 W
RIV	12:38:13.225	8:38:13	Search	61.625	304.189	26800			41.4488	-73.8134	41 26 55.613 N	073 48 48.326 W
RIV	12:38:25.250	8:38:25	Search	60.750	303.135	26400			41.4252	-73.8107	41 25 30.611 N	073 48 38.651 W
RIV	12:38:37.230	8:38:37	Search	59.875	302.432	26000			41.4070	-73.8030	41 24 25.313 N	073 48 10.966 W
RIV	12:38:49.255	8:38:49	Search	59.125	301.465	25600			41.3863	-73.8004	41 23 10.718 N	073 48 01.439 W
RIV	12:39:01.220	8:39:01	Search	58.500	300.410	25600			41.3655	-73.8004	41 21 55.820 N	073 48 01.576 W
RIV	12:39:13.155	8:39:13	Search	57.875	299.268	25200			41.3436	-73.8009	41 20 37.022 N	073 48 03.178 W
RIV	12:39:25.195	8:39:25	Search	57.375	298.301	24400			41.3255	-73.8014	41 19 31.820 N	073 48 05.002 W
RIV	12:39:37.255	8:39:37	Search	56.875	297.246	23200			41.3063	-73.8024	41 18 22.503 N	073 48 08.506 W
RIV	12:39:49.215	8:39:49	Search	56.375	295.840	22000			41.2819	-73.8060	41 16 54.891 N	073 48 21.693 W
RIV	12:40:01.155	8:40:01	Search	55.875	294.697	21200			41.2616	-73.8064	41 15 41.675 N	073 48 23.010 W
RIV	12:40:12.980	8:40:13	Search	55.500	293.379	20000			41.2396	-73.8102	41 14 22.600 N	073 48 36.791 W
RIV	12:40:25.235	8:40:25	Search	55.000	291.973	19200			41.2156	-73.8113	41 12 56.223 N	073 48 40.705 W
RIV	12:40:37.110	8:40:37	Search	54.750	290.654	18400			41.1945	-73.8161	41 11 40.302 N	073 48 57.905 W
RIV	12:41:01.175	8:41:01	Search	54.125	287.842	16800			41.1491	-73.8220	41 08 56.860 N	073 49 19.240 W
RIV	12:41:13.135	8:41:13	Search	54.000	286.436	16000			41.1274	-73.8278	41 07 38.577 N	073 49 39.972 W
RIV	12:41:25.190	8:41:25	Search	53.875	284.854	14800			41.1029	-73.8338	41 06 10.539 N	073 50 01.543 W
RIV	12:41:36.820	8:41:37	Search	53.750	283.623	14000			41.0838	-73.8372	41 05 01.508 N	073 50 13.771 W
RIV	12:41:48.870	8:41:49	Search	53.375	282.129	12800			41.0597	-73.8357	41 03 35.013 N	073 50 08.658 W
RIV	12:42:00.815	8:42:01	Search	53.000	280.898	12400			41.0399	-73.8324	41 02 23.548 N	073 49 56.563 W
RIV	12:42:12.855	8:42:13	Search	52.750	279.668	12000			41.0205	-73.8311	41 01 13.931 N	073 49 52.136 W
RIV	12:42:24.830	8:42:25	Search	52.750	278.437	12000			41.0019	-73.8347	41 00 06.702 N	073 50 05.087 W
RIV	12:42:36.760	8:42:37	Search	52.750	277.119	12000			40.9818	-73.8380	40 58 54.455 N	073 50 16.838 W
RIV	12:42:48.835	8:42:49	Search	52.875	276.152	11200			40.9672	-73.8429	40 58 02.092 N	073 50 34.366 W
RIV	12:43:00.760	8:43:01	Search	53.000	275.186	10400			40.9526	-73.8474	40 57 09.377 N	073 50 50.707 W
RIV	12:43:12.825	8:43:13	Search	53.125	273.955	8800			40.9338	-73.8520	40 56 01.701 N	073 51 07.345 W
RIV	12:43:24.450	8:43:24	Search	53.375	272.725	8800			40.9150	-73.8587	40 54 53.831 N	073 51 31.179 W
RIV	12:43:36.380	8:43:36	Search	53.625	271.846	8000			40.9014	-73.8647	40 54 05.010 N	073 51 53.022 W
RIV	12:43:48.445	8:43:48	Search	54.000	270.703	7200			40.8836	-73.8733	40 53 00.817 N	073 52 23.752 W
RIV	12:44:00.505	8:44:01	Search	54.500	269.561	6800			40.8654	-73.8840	40 51 55.558 N	073 53 02.479 W
RIV	12:44:12.435	8:44:12	Search	55.125	268.682	6000			40.8511	-73.8973	40 51 04.022 N	073 53 50.227 W
RIV	12:44:24.395	8:44:24	Search	55.625	267.627	5600			40.8338	-73.9073	40 50 01.522 N	073 54 26.131 W
RIV	12:44:36.335	8:44:36	Search	56.125	266.924	4800			40.8218	-73.9174	40 49 18.587 N	073 55 02.482 W
RIV	12:44:48.495	8:44:48	Search	56.625	266.133	5200			40.8083	-73.9270	40 48 29.769 N	073 55 37.179 W
RIV	12:45:00.535	8:45:01	Search	57.250	265.254	5200			40.7928	-73.9389	40 47 34.206 N	073 56 20.202 W
RIV	12:45:12.495	8:45:12	Search	57.750	264.814	3200			40.7847	-73.9490	40 47 04.802 N	073 56 56.501 W
RIV	12:45:24.335	8:45:24	Search	58.375	264.023	2800			40.7702	-73.9607	40 46 12.787 N	073 57 38.572 W
RIV	12:45:36.500	8:45:37	Search	59.000	263.057	2400			40.7525	-73.9716	40 45 09.050 N	073 58 17.671 W
RIV	12:45:48.445	8:45:48	Search	59.750	261.914	2000			40.7312	-73.9841	40 43 52.173 N	073 59 02.731 W

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Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	12:16:03.985	8:16:04	Reinforced	122.000	42.451	9200	1470		42.3646	-70.8364	42 21 52.584 N	070 50 11.202 W
RIV	12:16:15.945	8:16:16	Reinforced	122.000	42.891	7600	1470	6000	42.3540	-70.8211	42 21 14.288 N	070 49 15.842 W
RIV	12:16:27.900	8:16:28	Reinforced	121.625	43.242	9200	1470	6500	42.3408	-70.8150	42 20 26.763 N	070 48 53.895 W
RIV	12:16:40.000	8:16:40	Reinforced	121.250	43.418	13200	1470	7000	42.3319	-70.8150	42 19 54.946 N	070 48 53.849 W
RIV	12:16:52.130	8:16:52	Search	120.625	43.682	9600			42.3179	-70.8162	42 19 04.274 N	070 48 58.232 W
RIV	12:17:04.175	8:17:04	Search	119.875	43.418	10000			42.3155	-70.8369	42 18 55.625 N	070 50 12.825 W
RIV	12:17:16.205	8:17:16	Search	119.125	43.682	10800			42.3001	-70.8401	42 18 00.255 N	070 50 24.227 W
RIV	12:17:27.945	8:17:28	Reinforced	118.375	43.682	9600	1470	9100	42.2913	-70.8518	42 17 28.739 N	070 51 06.539 W
RIV	12:17:39.985	8:17:40	Reinforced	117.625	43.594	11200	1470	9500	42.2846	-70.8666	42 17 04.400 N	070 51 59.779 W
RIV	12:17:51.930	8:17:52	Reinforced	117.000	43.594	10400	1470	9800	42.2771	-70.8765	42 16 37.716 N	070 52 35.460 W
RIV	12:18:03.990	8:18:04	Reinforced	116.250	43.330	12400	1470	10000	42.2745	-70.8969	42 16 28.283 N	070 53 48.963 W
RIV	12:18:15.925	8:18:16	Reinforced	115.500	42.979	12000	1470	10300	42.2738	-70.9201	42 16 25.827 N	070 55 12.491 W
RIV	12:18:28.010	8:18:28	Reinforced	114.625	42.891	11600	1470	10500	42.2654	-70.9367	42 15 55.438 N	070 56 11.998 W
RIV	12:18:39.960	8:18:40	Reinforced	113.750	42.451	10800	1470	10800	42.2650	-70.9645	42 15 53.860 N	070 57 52.080 W
RIV	12:18:51.985	8:18:52	Reinforced	112.875	42.187	11600	1470	11200	42.2603	-70.9865	42 15 37.159 N	070 59 11.398 W
RIV	12:19:03.960	8:19:04	Reinforced	111.875	42.012	14000	1470	11600	42.2521	-71.0075	42 15 07.488 N	071 00 27.136 W
RIV	12:19:16.225	8:19:16	Search	111.000	41.309	10400			42.2569	-71.0433	42 15 24.914 N	071 02 35.861 W
RIV	12:19:27.915	8:19:28	Reinforced	110.000	41.396	12800	1470	12300	42.2426	-71.0558	42 14 33.302 N	071 03 20.835 W
RIV	12:19:39.985	8:19:40	Reinforced	109.125	41.045	14800	1470	12800	42.2393	-71.0802	42 14 21.465 N	071 04 48.697 W
RIV	12:19:51.945	8:19:52	Reinforced	108.125	40.693	14400	1470	13300	42.2343	-71.1063	42 14 03.392 N	071 06 22.852 W
RIV	12:20:03.980	8:20:04	Reinforced	107.250	40.342	16000	1470	13900	42.2306	-71.1305	42 13 50.224 N	071 07 49.833 W
RIV	12:20:15.940	8:20:16	Reinforced	106.250	39.814	18000	1470	14400	42.2288	-71.1619	42 13 43.596 N	071 09 42.841 W
RIV	12:20:27.680	8:20:28	Reinforced	105.375	39.287	16800	1470	14900	42.2282	-71.1913	42 13 41.525 N	071 11 28.666 W
RIV	12:20:39.710	8:20:40	Reinforced	104.500	39.111	18000	1470	15400	42.2205	-71.2095	42 13 13.714 N	071 12 34.276 W
RIV	12:20:51.680	8:20:52	Reinforced	103.625	38.496	16800	1470	15800	42.2211	-71.2414	42 13 16.101 N	071 14 28.911 W
RIV	12:21:03.735	8:21:04	Reinforced	102.625	38.057	18000	1470	16300	42.2165	-71.2693	42 12 59.445 N	071 16 09.583 W
RIV	12:21:15.680	8:21:16	Reinforced	101.750	37.793	18800	1470	16700	42.2100	-71.2899	42 12 36.113 N	071 17 23.590 W
RIV	12:21:27.735	8:21:28	Reinforced	100.875	37.266	18800	1470	17200	42.2082	-71.3185	42 12 29.584 N	071 19 06.601 W
RIV	12:21:39.655	8:21:40	Reinforced	99.875	36.914	19600	1470	17600	42.2014	-71.3432	42 12 04.874 N	071 20 35.588 W
RIV	12:21:51.705	8:21:52	Reinforced	99.000	36.211	19200	1470	18000	42.2021	-71.3769	42 12 07.521 N	071 22 36.815 W
RIV	12:22:03.660	8:22:04	Reinforced	98.000	35.859	20000	1470	18400	42.1948	-71.4012	42 11 41.131 N	071 24 04.404 W
RIV	12:22:15.700	8:22:16	Reinforced	97.125	35.332	20400	1470	19000	42.1918	-71.4291	42 11 30.637 N	071 25 44.823 W
RIV	12:22:27.635	8:22:28	Reinforced	96.250	34.805	22000	1470	19600	42.1887	-71.4568	42 11 19.140 N	071 27 24.576 W
RIV	12:22:39.610	8:22:40	Reinforced	95.375	34.277	22400	1470	20100	42.1852	-71.4843	42 11 06.689 N	071 29 03.609 W
RIV	12:22:51.660	8:22:52	Reinforced	94.375	33.750	22000	1470	20300	42.1798	-71.5132	42 10 47.191 N	071 30 47.550 W
RIV	12:23:03.405	8:23:03	Reinforced	93.500	33.047	22800	1470	20600	42.1784	-71.5456	42 10 42.416 N	071 32 44.202 W
RIV	12:23:15.455	8:23:15	Reinforced	92.625	32.607	22400	1470	20900	42.1728	-71.5698	42 10 22.189 N	071 34 11.299 W
RIV	12:23:27.405	8:23:27	Reinforced	91.625	31.992	23200	1470	21200	42.1678	-71.6006	42 10 04.050 N	071 36 02.233 W
RIV	12:23:39.455	8:23:39	Reinforced	90.750	31.377	23200	1470	21700	42.1641	-71.6297	42 09 50.919 N	071 37 46.867 W
RIV	12:23:51.390	8:23:51	Reinforced	89.875	30.762	24000	1470	22200	42.1602	-71.6585	42 09 36.623 N	071 39 30.650 W
RIV	12:24:03.455	8:24:03	Reinforced	89.000	30.059	24800	1470	22600	42.1571	-71.6897	42 09 25.404 N	071 41 22.974 W
RIV	12:24:15.405	8:24:15	Reinforced	88.125	29.355	24800	1470	22800	42.1536	-71.7206	42 09 12.894 N	071 43 14.272 W
RIV	12:24:27.450	8:24:27	Reinforced	87.250	28.740	24400	1470	22900	42.1486	-71.7487	42 08 55.137 N	071 44 55.155 W
RIV	12:24:39.400	8:24:39	Reinforced	86.500	28.213	24400	1470	23000	42.1442	-71.7725	42 08 39.030 N	071 46 20.884 W
RIV	12:24:51.450	8:24:51	Reinforced	85.625	27.422	24400	1470	23000	42.1407	-71.8052	42 08 26.695 N	071 48 18.629 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	12:25:03.475	8:25:03	Reinforced	84.750	26.807	24400	1470	23000	42.1349	-71.8324	42 08 05.639 N	071 49 56.652 W
RIV	12:25:15.225	8:25:15	Reinforced	84.000	26.016	24400	1470	23000	42.1325	-71.8632	42 07 57.153 N	071 51 47.678 W
RIV	12:25:27.185	8:25:27	Reinforced	83.125	25.225	24400	1470	23000	42.1279	-71.8950	42 07 40.460 N	071 53 42.159 W
RIV	12:25:39.240	8:25:39	Reinforced	82.375	24.609	24400	1470	23000	42.1230	-71.9202	42 07 22.651 N	071 55 12.738 W
RIV	12:25:51.170	8:25:51	Reinforced	81.500	23.818	24800	1470	23000	42.1176	-71.9514	42 07 03.251 N	071 57 04.957 W
RIV	12:26:03.215	8:26:03	Reinforced	80.750	23.027	24800	1470	23000	42.1137	-71.9811	42 06 49.261 N	071 58 51.877 W
RIV	12:26:15.190	8:26:15	Reinforced	80.000	22.324	24800	1470	23000	42.1086	-72.0080	42 06 31.060 N	072 00 28.637 W
RIV	12:26:27.205	8:26:27	Reinforced	79.375	21.357	24400	1470	23000	42.1075	-72.0411	42 06 26.871 N	072 02 27.871 W
RIV	12:26:39.060	8:26:39	Reinforced	78.625	20.654	24400	1470	23000	42.1017	-72.0674	42 06 06.157 N	072 04 02.583 W
RIV	12:26:51.020	8:26:51	Reinforced	77.875	19.775	24800	1470	23000	42.0970	-72.0984	42 05 49.317 N	072 05 54.268 W
RIV	12:27:03.060	8:27:03	Reinforced	77.250	18.984	24800	1470	23000	42.0932	-72.1257	42 05 35.680 N	072 07 32.380 W
RIV	12:27:15.005	8:27:15	Reinforced	76.625	18.105	24400	1470	23000	42.0897	-72.1551	42 05 23.078 N	072 09 18.526 W
RIV	12:27:27.060	8:27:27	Reinforced	76.000	17.227	24400	1470	23000	42.0858	-72.1843	42 05 09.059 N	072 11 03.653 W
RIV	12:27:38.995	8:27:39	Reinforced	75.375	16.348	24400	1470	23100	42.0816	-72.2133	42 04 53.587 N	072 12 47.750 W
RIV	12:27:51.075	8:27:51	Reinforced	74.750	15.381	24800	1470	23600	42.0773	-72.2444	42 04 38.364 N	072 14 39.724 W
RIV	12:28:03.100	8:28:03	Reinforced	74.125	14.414	25600	1470	24200	42.0726	-72.2751	42 04 21.467 N	072 16 30.519 W
RIV	12:28:14.830	8:28:15	Reinforced	73.625	13.447	26000	1470	24400	42.0696	-72.3049	42 04 10.530 N	072 18 17.601 W
RIV	12:28:26.795	8:28:27	Reinforced	73.000	12.568	26000	1470	24700	42.0637	-72.3326	42 03 49.231 N	072 19 57.203 W
RIV	12:28:38.845	8:28:39	Reinforced	72.500	11.602	26400	1470	25100	42.0598	-72.3617	42 03 35.296 N	072 21 42.265 W
RIV	12:28:50.805	8:28:51	Reinforced	72.000	10.635	26800	1470	25300	42.0556	-72.3906	42 03 20.042 N	072 23 26.277 W
RIV	12:29:02.850	8:29:03	Reinforced	71.500	9.492	27600	1470	25700	42.0515	-72.4241	42 03 05.454 N	072 25 26.644 W
RIV	12:29:14.795	8:29:15	Reinforced	71.000	8.525	28000	1470	26000	42.0464	-72.4524	42 02 47.064 N	072 27 08.465 W
RIV	12:29:26.615	8:29:27	Reinforced	70.625	7.383	28400	1470	26300	42.0435	-72.4847	42 02 36.456 N	072 29 05.062 W
RIV	12:29:38.680	8:29:39	Reinforced	70.125	6.504	28800	1470	26600	42.0373	-72.5100	42 02 14.376 N	072 30 36.102 W
RIV	12:29:50.640	8:29:51	Reinforced	69.750	5.361	29200	1470	26900	42.0335	-72.5419	42 02 00.531 N	072 32 30.686 W
RIV	12:30:02.650	8:30:03	Reinforced	69.375	4.219	29200	1470	27300	42.0291	-72.5734	42 01 44.839 N	072 34 24.264 W
RIV	12:30:14.615	8:30:15	Reinforced	69.000	2.988	30000	1470	27500	42.0244	-72.6070	42 01 27.884 N	072 36 25.247 W
RIV	12:30:26.575	8:30:27	Reinforced	68.750	2.021	30400	1470	27800	42.0210	-72.6332	42 01 15.739 N	072 37 59.351 W
RIV	12:30:38.425	8:30:38	Reinforced	68.375	0.791	30400	1470	28100	42.0153	-72.6662	42 00 55.175 N	072 39 58.248 W
RIV	12:30:50.375	8:30:50	Beacon	68.125	359.736		1470	28300	42.0112	-72.6942	42 00 40.343 N	072 41 39.156 W
RIV	12:31:02.420	8:31:02	Reinforced	67.875	358.418	31200	1470	28600	42.0065	-72.7290	42 00 23.547 N	072 43 44.342 W
RIV	12:31:14.455	8:31:14	Reinforced	67.625	357.363	31200	1470	28900	42.0015	-72.7565	42 00 05.496 N	072 45 23.552 W
RIV	12:31:26.400	8:31:26	Reinforced	67.375	355.957	31600	1470	29200	41.9957	-72.7931	41 59 44.377 N	072 47 34.986 W
RIV	12:31:38.225	8:31:38	Reinforced	67.250	354.902	32000	1470	29600	41.9918	-72.8203	41 59 30.555 N	072 49 13.176 W
RIV	12:31:50.200	8:31:50	Reinforced	67.125	353.760	32400	1470	29900	41.9874	-72.8497	41 59 14.779 N	072 50 59.021 W
RIV	12:32:02.265	8:32:02	Reinforced	67.000	352.529	32800	1470	30300	41.9824	-72.8812	41 58 56.530 N	072 52 52.354 W
RIV	12:32:14.290	8:32:14	Reinforced	67.000	351.299	33200	1470	30600	41.9789	-72.9129	41 58 43.971 N	072 54 46.461 W
RIV	12:32:26.245	8:32:26	Reinforced	66.875	350.068	33200	1470	30900	41.9728	-72.9440	41 58 22.152 N	072 56 38.390 W
RIV	12:32:38.075	8:32:38	Reinforced	66.875	348.838	33600	1470	31000	41.9684	-72.9754	41 58 06.082 N	072 58 31.452 W
RIV	12:32:49.940	8:32:50	Reinforced	66.875	347.520	33600	1470	31000	41.9630	-73.0089	41 57 46.913 N	073 00 32.051 W
RIV	12:33:01.995	8:33:02	Reinforced	66.875	346.465	33200	1470	31000	41.9584	-73.0356	41 57 30.065 N	073 02 08.069 W
RIV	12:33:14.045	8:33:14	Reinforced	66.750	345.234	33200	1470	31000	41.9504	-73.0658	41 57 01.455 N	073 03 56.914 W
RIV	12:33:26.065	8:33:26	Reinforced	66.500	344.092	33200	1470	31000	41.9404	-73.0928	41 56 25.608 N	073 05 34.008 W
RIV	12:33:37.920	8:33:38	Reinforced	66.125	342.949	33600	1470	31000	41.9281	-73.1185	41 55 41.208 N	073 07 06.709 W
RIV	12:33:49.960	8:33:50	Reinforced	65.625	341.631	33200	1470	31000	41.9124	-73.1471	41 54 44.586 N	073 08 49.680 W
RIV	12:34:01.800	8:34:02	Reinforced	65.125	340.576	33200	1470	31000	41.8979	-73.1687	41 53 52.505 N	073 10 07.397 W
RIV	12:34:13.775	8:34:14	Reinforced	64.625	339.346	33600	1470	31000	41.8820	-73.1939	41 52 55.311 N	073 11 37.907 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	12:34:25.695	8:34:26	Reinforced	64.250	338.203	33200	1470	31000	41.8684	-73.2173	41 52 06.084 N	073 13 02.412 W
RIV	12:34:37.760	8:34:38	Reinforced	63.875	337.061	33200	1470	31000	41.8544	-73.2403	41 51 15.764 N	073 14 24.995 W
RIV	12:34:49.495	8:34:49	Reinforced	63.500	335.566	33200	1470	31000	41.8374	-73.2705	41 50 14.676 N	073 16 13.947 W
RIV	12:35:01.545	8:35:02	Reinforced	63.125	334.512	33200	1470	31000	41.8235	-73.2903	41 49 24.448 N	073 17 25.216 W
RIV	12:35:13.490	8:35:13	Reinforced	62.875	333.193	33200	1470	31000	41.8090	-73.3166	41 48 32.249 N	073 18 59.852 W
RIV	12:35:25.560	8:35:26	Reinforced	62.500	331.875	33200	1470	31000	41.7922	-73.3410	41 47 31.968 N	073 20 27.599 W
RIV	12:35:37.500	8:35:38	Reinforced	62.375	330.557	33200	1470	31000	41.7787	-73.3675	41 46 43.471 N	073 22 02.836 W
RIV	12:35:49.525	8:35:50	Reinforced	62.125	329.326	33200	1470	31000	41.7639	-73.3902	41 45 49.931 N	073 23 24.599 W
RIV	12:36:01.355	8:36:01	Reinforced	62.000	327.920	33200	1470	31000	41.7487	-73.4174	41 44 55.491 N	073 25 02.592 W
RIV	12:36:13.410	8:36:13	Reinforced	61.750	326.689	33200	1470	31000	41.7332	-73.4390	41 43 59.423 N	073 26 20.356 W
RIV	12:36:25.355	8:36:25	Reinforced	61.750	325.283	33200	1470	31000	41.7189	-73.4667	41 43 08.085 N	073 27 59.997 W
RIV	12:36:37.420	8:36:37	Reinforced	61.625	323.965	33200	1470	31000	41.7034	-73.4905	41 42 12.241 N	073 29 25.835 W
RIV	12:36:49.380	8:36:49	Reinforced	61.625	322.559	33200	1470	31000	41.6882	-73.5172	41 41 17.483 N	073 31 01.821 W
RIV	12:37:01.215	8:37:01	Reinforced	61.625	321.328	33200	1470	31000	41.6745	-73.5401	41 40 28.115 N	073 32 24.280 W
RIV	12:37:13.175	8:37:13	Reinforced	61.625	319.922	33200	1470	31000	41.6584	-73.5658	41 39 30.066 N	073 33 56.718 W
RIV	12:37:25.305	8:37:25	Reinforced	61.625	318.604	33600	1470	31000	41.6428	-73.5893	41 38 34.096 N	073 35 21.587 W
RIV	12:37:37.175	8:37:37	Reinforced	61.750	317.197	33200	1470	31000	41.6273	-73.6158	41 37 38.246 N	073 36 57.043 W
RIV	12:37:49.200	8:37:49	Reinforced	61.875	315.967	33200	1470	31000	41.6135	-73.6389	41 36 48.493 N	073 38 20.035 W
RIV	12:38:01.260	8:38:01	Reinforced	62.125	314.648	33200	1470	31000	41.5996	-73.6650	41 35 58.425 N	073 39 54.175 W
RIV	12:38:13.225	8:38:13	Reinforced	62.250	313.242	32800	1470	31000	41.5825	-73.6902	41 34 57.171 N	073 41 24.812 W
RIV	12:38:25.275	8:38:25	Reinforced	62.625	312.100	33200	1470	31000	41.5714	-73.7149	41 34 16.958 N	073 42 53.481 W
RIV	12:38:37.305	8:38:37	Reinforced	63.250	310.957	33200	1470	31000	41.5624	-73.7435	41 33 44.790 N	073 44 36.712 W
RIV	12:38:49.280	8:38:49	Reinforced	64.125	309.902	33200	1470	31000	41.5568	-73.7751	41 33 24.528 N	073 46 30.274 W
RIV	12:39:01.195	8:39:01	Reinforced	65.125	308.760	33200	1470	31000	41.5505	-73.8102	41 33 01.848 N	073 48 36.882 W
RIV	12:39:13.065	8:39:13	Reinforced	66.250	308.057	33200	1470	31000	41.5514	-73.8410	41 33 05.037 N	073 50 27.424 W
RIV	12:39:25.105	8:39:25	Reinforced	67.375	307.266	33200	1470	31000	41.5504	-73.8732	41 33 01.543 N	073 52 23.568 W
RIV	12:39:37.160	8:39:37	Reinforced	68.500	306.475	33200	1470	31000	41.5489	-73.9057	41 32 56.054 N	073 54 20.357 W
RIV	12:39:49.225	8:39:49	Reinforced	69.625	305.771	33200	1470	31000	41.5483	-73.9369	41 32 53.795 N	073 56 12.873 W
RIV	12:40:01.230	8:40:01	Reinforced	70.625	305.068	33200	1470	31000	41.5460	-73.9660	41 32 45.553 N	073 57 57.686 W
RIV	12:40:13.205	8:40:13	Reinforced	71.500	304.102	33200	1470	31000	41.5375	-73.9969	41 32 15.114 N	073 59 48.961 W
RIV	12:40:25.140	8:40:25	Reinforced	72.250	303.047	33200	1470	31000	41.5258	-74.0268	41 31 32.869 N	074 01 36.386 W
RIV	12:40:37.085	8:40:37	Reinforced	72.875	302.080	33200	1470	31000	41.5140	-74.0528	41 30 50.253 N	074 03 10.129 W
RIV	12:40:49.150	8:40:49	Reinforced	73.250	301.025	33600	1470	31000	41.4979	-74.0751	41 29 52.513 N	074 04 30.506 W
RIV	12:41:01.175	8:41:01	Reinforced	73.500	299.883	33200	1470	31000	41.4788	-74.0959	41 28 43.744 N	074 05 45.298 W
RIV	12:41:13.225	8:41:13	Reinforced	73.750	298.652	33600	1470	31000	41.4577	-74.1174	41 27 27.599 N	074 07 02.589 W
RIV	12:41:25.175	8:41:25	Reinforced	74.125	297.598	33200	1470	31000	41.4404	-74.1385	41 26 25.446 N	074 08 18.690 W
RIV	12:41:36.895	8:41:37	Reinforced	74.375	296.543	33200	1470	31000	41.4218	-74.1568	41 25 18.618 N	074 09 24.453 W
RIV	12:41:48.965	8:41:49	Reinforced	74.750	295.400	33600	1470	31000	41.4021	-74.1782	41 24 07.501 N	074 10 41.546 W
RIV	12:42:00.910	8:42:01	Reinforced	75.125	294.346	33200	1470	31000	41.3837	-74.1981	41 23 01.150 N	074 11 53.311 W
RIV	12:42:12.960	8:42:13	Reinforced	75.500	293.203	33200	1470	31000	41.3631	-74.2186	41 21 47.005 N	074 13 07.098 W
RIV	12:42:24.920	8:42:25	Reinforced	76.000	292.236	33200	1470	31000	41.3464	-74.2394	41 20 47.051 N	074 14 21.714 W
RIV	12:42:36.880	8:42:37	Reinforced	76.500	291.182	33200	1470	31000	41.3275	-74.2607	41 19 39.077 N	074 15 38.393 W
RIV	12:42:48.705	8:42:49	Reinforced	76.875	290.127	33200	1470	31000	41.3075	-74.2789	41 18 27.060 N	074 16 44.180 W
RIV	12:43:00.665	8:43:01	Reinforced	77.375	289.072	33200	1470	31000	41.2878	-74.2994	41 17 16.061 N	074 17 57.809 W
RIV	12:43:12.610	8:43:13	Reinforced	78.000	288.105	33200	1470	31000	41.2702	-74.3213	41 16 12.552 N	074 19 16.622 W
RIV	12:43:24.665	8:43:25	Reinforced	78.500	287.051	33200	1470	31000	41.2496	-74.3409	41 14 58.420 N	074 20 27.263 W
RIV	12:43:36.710	8:43:37	Reinforced	79.125	286.172	33200	1470	31000	41.2330	-74.3614	41 13 58.743 N	074 21 40.877 W
RIV	12:43:48.780	8:43:49	Reinforced	79.750	285.205	32800	1470	31000	41.2140	-74.3822	41 12 50.549 N	074 22 55.793 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	12:44:00.690	8:44:01	Reinforced	80.250	284.150	33200	1470	31000	41.1922	-74.4005	41 11 31.898 N	074 24 01.844 W
RIV	12:44:12.435	8:44:12	Reinforced	81.000	283.447	33200	1470	31000	41.1789	-74.4215	41 10 43.994 N	074 25 17.262 W
RIV	12:44:24.610	8:44:25	Reinforced	81.625	282.305	32800	1470	31000	41.1546	-74.4422	41 09 16.586 N	074 26 32.056 W
RIV	12:44:36.455	8:44:36	Reinforced	82.250	281.426	32800	1470	31000	41.1360	-74.4609	41 08 09.626 N	074 27 39.383 W
RIV	12:44:48.600	8:44:49	Reinforced	83.000	280.547	32800	1470	31000	41.1174	-74.4820	41 07 02.539 N	074 28 55.237 W
RIV	12:45:00.455	8:45:00	Reinforced	83.750	279.580	32400	1470	31000	41.0962	-74.5031	41 05 46.274 N	074 30 11.310 W
RIV	12:45:12.615	8:45:13	Reinforced	84.500	278.701	32800	1470	31000	41.0767	-74.5235	41 04 35.978 N	074 31 24.428 W
RIV	12:45:24.535	8:45:25	Reinforced	85.500	277.998	32800	1470	31000	41.0615	-74.5482	41 03 41.470 N	074 32 53.481 W
RIV	12:45:36.380	8:45:36	Reinforced	86.625	277.295	32800	1470	31000	41.0462	-74.5754	41 02 46.181 N	074 34 31.576 W
RIV	12:45:48.325	8:45:48	Reinforced	87.750	276.768	32800	1470	31000	41.0348	-74.6019	41 02 05.186 N	074 36 06.813 W
RIV	12:46:00.365	8:46:00	Reinforced	88.875	276.240	32800	1470	31000	41.0230	-74.6282	41 01 22.888 N	074 37 41.587 W
RIV	12:46:12.310	8:46:12	Reinforced	90.125	275.713	32000	1470	31000	41.0111	-74.6572	41 00 39.869 N	074 39 25.759 W
RIV	12:46:24.390	8:46:24	Reinforced	91.375	275.186	32800	3020	31000	40.9987	-74.6860	40 59 55.410 N	074 41 09.428 W
RIV	12:46:36.440	8:46:36	Reinforced	92.500	274.834	32800	3020	31000	40.9906	-74.7115	40 59 26.046 N	074 42 41.333 W
RIV	12:46:48.385	8:46:48	Reinforced	93.750	274.395	32400	3020	31000	40.9799	-74.7399	40 58 47.630 N	074 44 23.515 W
RIV	12:47:00.415	8:47:00	Reinforced	95.000	273.867	32400	3020	31000	40.9665	-74.7683	40 57 59.301 N	074 46 05.817 W
RIV	12:47:12.365	8:47:12	Reinforced	96.250	273.340	32400	3321	31000	40.9527	-74.7965	40 57 09.545 N	074 47 47.518 W
RIV	12:47:24.415	8:47:24	Reinforced	97.500	272.812	32800	3321	31000	40.9384	-74.8246	40 56 18.367 N	074 49 28.591 W
RIV	12:47:36.365	8:47:36	Reinforced	98.750	272.549	32000	3321	31000	40.9314	-74.8523	40 55 52.990 N	074 51 08.385 W
RIV	12:47:48.445	8:47:48	Reinforced	100.000	272.109	32000	3321	31000	40.9190	-74.8801	40 55 08.517 N	074 52 48.329 W
RIV	12:48:00.500	8:48:00	Reinforced	101.250	271.670	32400	3321	31000	40.9064	-74.9077	40 54 22.865 N	074 54 27.786 W
RIV	12:48:12.125	8:48:12	Reinforced	102.625	271.318	32800	3321	31000	40.8960	-74.9380	40 53 45.437 N	074 56 16.676 W
RIV	12:48:24.390	8:48:24	Reinforced	103.875	270.879	32000	3321	31000	40.8826	-74.9653	40 52 57.490 N	074 57 55.201 W
RIV	12:48:36.210	8:48:36	Reinforced	105.125	270.615	32000	3321	31000	40.8744	-74.9927	40 52 27.693 N	074 59 33.621 W
RIV	12:48:48.250	8:48:48	Reinforced	106.375	270.176	32800	3321	31000	40.8605	-75.0198	40 51 37.635 N	075 01 11.257 W
RIV	12:49:00.230	8:49:00	Reinforced	107.750	269.648	33200	3321	31000	40.8434	-75.0494	40 50 36.276 N	075 02 57.780 W
RIV	12:49:12.285	8:49:12	Reinforced	109.000	269.473	32400	3321	31000	40.8372	-75.0766	40 50 13.754 N	075 04 35.671 W
RIV	12:49:24.310	8:49:24	Reinforced	110.250	269.033	32800	3321	31000	40.8223	-75.1033	40 49 20.375 N	075 06 11.752 W
RIV	12:49:36.280	8:49:36	Reinforced	111.625	268.770	33200	3321	31000	40.8128	-75.1329	40 48 45.943 N	075 07 58.451 W
RIV	12:49:48.200	8:49:48	Reinforced	112.875	268.418	32800	3321	31000	40.8002	-75.1595	40 48 00.780 N	075 09 34.265 W
RIV	12:50:00.155	8:50:00	Reinforced	114.250	268.066	33200	3321	31000	40.7873	-75.1887	40 47 14.222 N	075 11 19.496 W
RIV	12:50:12.210	8:50:12	Reinforced	115.500	267.715	33600		30500	40.7742	-75.2152	40 46 27.137 N	075 12 54.802 W
RIV	12:50:24.235	8:50:24	Beacon	116.875	267.451				40.7636	-75.2456	40 45 49.072 N	075 14 44.209 W
RIV	12:50:36.220	8:50:36	Reinforced	118.125	267.187	33200	3321	31000	40.7531	-75.2708	40 45 11.303 N	075 16 14.959 W
RIV	12:50:48.260	8:50:48	Reinforced	119.375	267.012	34000	3321	31100	40.7454	-75.2975	40 44 43.526 N	075 17 50.975 W
RIV	12:51:00.310	8:51:00	Reinforced	120.625	266.396	33600	3321	31200	40.7222	-75.3223	40 43 20.049 N	075 19 20.343 W
RIV	12:51:12.245	8:51:12	Reinforced	121.625	265.957	33600	3321	31400	40.7052	-75.3421	40 42 18.836 N	075 20 31.666 W
RIV	12:51:24.295	8:51:24	Reinforced	122.500	265.254	33600	3321	31600	40.6789	-75.3577	40 40 43.977 N	075 21 27.551 W
RIV	12:51:36.260	8:51:36	Reinforced	123.250	264.902	34000	3321	31900	40.6650	-75.3720	40 39 53.888 N	075 22 19.182 W
RIV	12:51:47.865	8:51:48	Reinforced	123.750	264.023	34400	3321	32400	40.6326	-75.3775	40 37 57.502 N	075 22 38.978 W
RIV	12:51:59.835	8:52:00	Reinforced	124.250	263.320	35600	3321	32800	40.6064	-75.3836	40 36 23.028 N	075 23 00.846 W
RIV	12:52:11.860	8:52:12	Reinforced	124.625	262.793	34400	3321	32900	40.5866	-75.3879	40 35 11.786 N	075 23 16.346 W
RIV	12:52:23.720	8:52:24	Reinforced	125.000	262.090	35200	3321	33000	40.5604	-75.3905	40 33 37.572 N	075 23 25.915 W
RIV	12:52:35.760	8:52:36	Beacon	125.125	261.562		3321	33100	40.5412	-75.3889	40 32 28.344 N	075 23 19.926 W
RIV	12:52:47.815	8:52:48	Reinforced	125.375	260.771	35600		33300	40.5122	-75.3867	40 30 44.025 N	075 23 12.296 W
RIV	12:52:59.770	8:53:00	Reinforced	125.375	259.980	36000	3321	33500	40.4839	-75.3798	40 29 02.091 N	075 22 47.172 W
RIV	12:53:11.825	8:53:12	Reinforced	125.125	259.189	36000	3321	33500	40.4567	-75.3665	40 27 23.962 N	075 21 59.359 W
RIV	12:53:23.345	8:53:23	Reinforced	124.625	258.662	35200	3321	33100	40.4398	-75.3504	40 26 23.410 N	075 21 01.345 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	12:53:35.410	8:53:35	Reinforced	123.875	258.135	35600	3321	32600	40.4242	-75.3288	40 25 27.039 N	075 19 43.694 W
RIV	12:53:47.435	8:53:47	Reinforced	122.875	257.256	33600	3321	32000	40.3976	-75.2978	40 23 51.454 N	075 17 51.985 W
RIV	12:53:59.399	8:53:59	Reinforced	121.625	256.816	35200	3321	31600	40.3878	-75.2663	40 23 16.019 N	075 15 58.700 W
RIV	12:54:11.340	8:54:11	Reinforced	120.375	256.289	32800	3321	31200	40.3753	-75.2337	40 22 31.099 N	075 14 01.463 W
RIV	12:54:23.270	8:54:23	Reinforced	119.125	255.850	34000	3321	30900	40.3662	-75.2022	40 21 58.189 N	075 12 07.807 W
RIV	12:54:35.335	8:54:35	Reinforced	118.000	255.322	32800	3321	30600	40.3539	-75.1721	40 21 13.956 N	075 10 19.515 W
RIV	12:54:47.300	8:54:47	Reinforced	116.750	254.707	31600	3321	30200	40.3397	-75.1382	40 20 22.932 N	075 08 17.580 W
RIV	12:54:59.356	8:54:59	Reinforced	115.625	254.180	33600	3321	29800	40.3282	-75.1080	40 19 41.531 N	075 06 28.815 W
RIV	12:55:11.305	8:55:11	Reinforced	114.500	253.477	32400	3321	29400	40.3115	-75.0754	40 18 41.434 N	075 04 31.341 W
RIV	12:55:23.325	8:55:23	Reinforced	113.375	253.037	31200	3321	28800	40.3036	-75.0462	40 18 12.792 N	075 02 46.499 W
RIV	12:55:35.295	8:55:35	Reinforced	112.125	253.477	29200	3321	28400	40.3237	-75.0264	40 19 25.481 N	075 01 34.884 W
RIV	12:55:47.215	8:55:47	Reinforced	110.875	251.807	29200	3321	28400	40.2793	-74.9777	40 16 45.430 N	074 58 39.842 W
RIV	12:55:58.845	8:55:59	Reinforced	109.625	251.279	31600	3321	28500	40.2705	-74.9446	40 16 13.871 N	074 56 40.548 W
RIV	12:56:10.890	8:56:11	Reinforced	108.500	250.664	30000	3321	28600	40.2588	-74.9127	40 15 31.786 N	074 54 45.780 W
RIV	12:56:22.840	8:56:23	Reinforced	107.375	250.137	31200	3321	28700	40.2501	-74.8821	40 15 00.488 N	074 52 55.493 W
RIV	12:56:34.790	8:56:35	Reinforced	106.000	249.697	30400	3321	28200	40.2458	-74.8478	40 14 45.016 N	074 50 52.103 W
RIV	12:56:58.805	8:56:59	Reinforced	103.125	248.994	30000	3321	27100	40.2440	-74.7795	40 14 38.277 N	074 46 46.319 W
RIV	12:57:10.850	8:57:11	Reinforced	101.625	248.555	28800	3321	26400	40.2415	-74.7430	40 14 29.250 N	074 44 34.654 W
RIV	12:57:22.890	8:57:23	Reinforced	100.000	248.379	27600	3321	25500	40.2472	-74.7079	40 14 49.885 N	074 42 28.490 W
RIV	12:57:34.935	8:57:35	Reinforced	98.375	248.291	26400	3321	24600	40.2554	-74.6742	40 15 19.381 N	074 40 27.153 W
RIV	12:57:46.895	8:57:47	Reinforced	96.750	248.203	26400	3321	23900	40.2637	-74.6405	40 15 49.166 N	074 38 25.784 W
RIV	12:57:58.935	8:57:59	Reinforced	95.125	248.818	24800	3321	23500	40.2899	-74.6166	40 17 23.785 N	074 36 59.713 W
RIV	12:58:10.910	8:58:11	Reinforced	93.625	248.994	25600	3321	23200	40.3039	-74.5888	40 18 14.026 N	074 35 19.690 W
RIV	12:58:22.950	8:58:23	Reinforced	92.125	249.346	24800	3321	22800	40.3221	-74.5632	40 19 19.448 N	074 33 47.633 W
RIV	12:58:34.885	8:58:35	Reinforced	90.750	249.785	22800	3321	21800	40.3413	-74.5412	40 20 28.803 N	074 32 28.238 W
RIV	12:58:46.955	8:58:47	Reinforced	89.250	249.961	22400	3321	20800	40.3547	-74.5131	40 21 16.802 N	074 30 47.040 W
RIV	12:58:58.885	8:58:59	Reinforced	87.750	250.400	21200	3321	19800	40.3741	-74.4880	40 22 26.908 N	074 29 16.764 W
RIV	12:59:10.830	8:59:11	Reinforced	86.250	251.016	20400	3321	19300	40.3974	-74.4645	40 23 50.797 N	074 27 52.288 W
RIV	12:59:22.790	8:59:23	Reinforced	84.750	251.367	20000	3321	18700	40.4142	-74.4378	40 24 51.019 N	074 26 15.921 W
RIV	12:59:35.275	8:59:35	Reinforced	83.375	251.895	19600	3321	18100	40.4340	-74.4152	40 26 02.231 N	074 24 54.687 W
RIV	12:59:47.220	8:59:47	Reinforced	82.000	252.334	20000	3321	17600	40.4514	-74.3914	40 27 05.007 N	074 23 28.995 W
RIV	12:59:59.165	8:59:59	Reinforced	80.500	252.861	18800	3321	17000	40.4711	-74.3656	40 28 16.042 N	074 21 56.132 W
RIV	13:00:11.125	9:00:11	Reinforced	79.125	253.477	16800	3321	15800	40.4917	-74.3429	40 29 30.190 N	074 20 34.614 W
RIV	13:00:23.270	9:00:23	Reinforced	77.625	253.916	16400	3321	15000	40.5087	-74.3157	40 30 31.399 N	074 18 56.530 W
RIV	13:00:35.230	9:00:35	Reinforced	76.125	254.531	14400	3321	13400	40.5291	-74.2898	40 31 44.687 N	074 17 23.160 W
RIV	13:00:47.265	9:00:47	Reinforced	74.625	255.059	12800	3321	12000	40.5471	-74.2627	40 32 49.690 N	074 15 45.738 W
RIV	13:00:59.215	9:00:59	Reinforced	73.125	255.498	11600	3321	10900	40.5630	-74.2346	40 33 46.740 N	074 14 04.665 W
RIV	13:01:11.365	9:01:11	Reinforced	71.500	256.201	10400	3321	10000	40.5843	-74.2055	40 35 03.559 N	074 12 19.789 W
RIV	13:01:23.315	9:01:23	Reinforced	70.000	256.816	9200	3321	8900	40.6028	-74.1780	40 36 10.122 N	074 10 40.778 W
RIV	13:01:35.265	9:01:35	Reinforced	68.500	257.344	8400	3321	7700	40.6191	-74.1496	40 37 08.782 N	074 08 58.543 W
RIV	13:01:47.295	9:01:47	Reinforced	67.000	257.783	7600	3321	6900	40.6333	-74.1204	40 37 59.915 N	074 07 13.298 W
RIV	13:01:59.345	9:01:59	Reinforced	65.500	258.486	5600	3321	5600	40.6520	-74.0924	40 39 07.369 N	074 05 32.596 W
RIV	13:02:11.635	9:02:12	Reinforced	64.000	259.189	5200	3321	4200	40.6702	-74.0640	40 40 12.780 N	074 03 50.431 W
RIV	13:02:23.660	9:02:24	Reinforced	62.625	259.893	2800	3321	2200	40.6874	-74.0379	40 41 14.704 N	074 02 16.495 W

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Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
PLA	12:19:58.095	8:19:58	Reinforced	11.125	72.334			6553	100	38.9384	-77.4767	38 56 18.235 N 077 28 35.987 W
PLA	12:20:09.955	8:20:10	Reinforced	10.750	70.752			6553	700	38.9412	-77.4863	38 56 28.392 N 077 29 10.584 W
PLA	12:20:21.795	8:20:22	Reinforced	10.250	69.609			6553	1300	38.9417	-77.4978	38 56 30.119 N 077 29 52.196 W
PLA	12:20:33.775	8:20:34	Reinforced	9.750	69.521			6553	1800	38.9390	-77.5080	38 56 20.549 N 077 30 28.706 W
PLA	12:20:45.720	8:20:46	Reinforced	9.125	69.170			6553	2000	38.9363	-77.5209	38 56 10.629 N 077 31 15.306 W
PLA	12:20:57.555	8:20:58	Reinforced	8.500	69.082			6553	2300	38.9328	-77.5335	38 55 58.060 N 077 32 00.683 W
PLA	12:21:09.355	8:21:09	Reinforced	7.875	68.467			6553	2700	38.9304	-77.5467	38 55 49.414 N 077 32 48.085 W
PLA	12:21:21.340	8:21:21	Reinforced	7.125	67.764			6553	3100	38.9272	-77.5624	38 55 37.755 N 077 33 44.467 W
PLA	12:21:33.135	8:21:33	Reinforced	6.375	67.061			6553	3500	38.9236	-77.5779	38 55 25.004 N 077 34 40.482 W
PLA	12:21:45.125	8:21:45	Reinforced	5.500	65.566			6553	4000	38.9201	-77.5965	38 55 12.260 N 077 35 47.435 W
PLA	12:21:56.860	8:21:57	Beacon	4.625	62.930			6553	4500	38.9171	-77.6157	38 55 01.699 N 077 36 56.631 W
GIB	12:22:07.780	8:22:08	Beacon	135.750	247.148			6553	5200	38.9144	-77.6254	38 54 51.972 N 077 37 31.576 W
PLA	12:22:08.695	8:22:09	Beacon	3.875	60.293			6553	5300	38.9138	-77.6323	38 54 49.775 N 077 37 56.257 W
GIB	12:22:19.690	8:22:20	Reinforced	136.625	247.148			6553	5800	38.9084	-77.6424	38 54 30.201 N 077 38 32.578 W
PLA	12:22:20.495	8:22:20	Beacon	3.125	55.635			6553	5900	38.9108	-77.6497	38 54 38.886 N 077 38 58.907 W
GIB	12:22:31.780	8:22:32	Beacon	137.500	247.236			6553	6400	38.9055	-77.6612	38 54 19.942 N 077 39 40.291 W
PLA	12:22:32.035	8:22:32	Beacon	2.375	47.812			6553	6400	38.9071	-77.6680	38 54 25.629 N 077 40 04.832 W
PLA	12:22:43.345	8:22:43	Beacon	1.750	32.607			6553	7000	38.9029	-77.6862	38 54 10.508 N 077 41 10.244 W
GIB	12:22:43.690	8:22:44	Reinforced	138.375	247.324	13200		6553	7000	38.9027	-77.6800	38 54 09.829 N 077 40 48.055 W
GIB	12:23:07.630	8:23:08	Beacon	140.250	247.412			6553	8200	38.8931	-77.7182	38 53 35.185 N 077 43 05.694 W
PLA	12:23:16.070	8:23:16	Beacon	2.125	301.465			6553	8600	38.8975	-77.7348	38 53 50.876 N 077 44 05.157 W
PLA	12:23:27.525	8:23:28	Beacon	2.750	288.545			6553	9200	38.8951	-77.7519	38 53 42.375 N 077 45 06.893 W
GIB	12:23:31.900	8:23:32	Reinforced	142.000	247.588			6553	9300	38.8877	-77.7560	38 53 15.823 N 077 45 21.579 W
PLA	12:23:39.230	8:23:39	Beacon	3.625	281.953			6553	9600	38.8939	-77.7730	38 53 37.899 N 077 46 22.899 W
GIB	12:23:43.790	8:23:44	Beacon	142.875	247.676			6553	9800	38.8851	-77.7749	38 53 06.353 N 077 46 29.617 W
PLA	12:23:50.990	8:23:51	Beacon	4.500	277.998			6553	10100	38.8921	-77.7930	38 53 31.723 N 077 47 34.734 W
GIB	12:23:55.810	8:23:56	Reinforced	143.875	247.939			6553	10200	38.8884	-77.8001	38 53 18.171 N 077 48 00.278 W
PLA	12:24:02.790	8:24:03	Beacon	5.375	275.186			6553	10500	38.8900	-77.8126	38 53 24.076 N 077 48 45.230 W
GIB	12:24:07.790	8:24:08	Reinforced	144.750	247.764			6553	10600	38.8757	-77.8133	38 52 32.598 N 077 48 47.763 W
PLA	12:24:14.630	8:24:15	Reinforced	6.375	273.779			6553	10900	38.8890	-77.8345	38 53 20.459 N 077 50 04.122 W
GIB	12:24:19.840	8:24:20	Reinforced	145.750	248.203			6553	11000	38.8860	-77.8424	38 53 09.542 N 077 50 32.469 W
PLA	12:24:26.580	8:24:27	Reinforced	7.375	272.109			6553	11200	38.8866	-77.8564	38 53 11.825 N 077 51 22.894 W
GIB	12:24:31.735	8:24:32	Reinforced	146.750	248.379			6553	11300	38.8862	-77.8657	38 53 10.276 N 077 51 56.563 W
PLA	12:24:38.405	8:24:38	Reinforced	8.375	271.055			6553	11400	38.8847	-77.8781	38 53 04.895 N 077 52 41.190 W
GIB	12:24:43.805	8:24:44	Reinforced	147.875	248.291	14800		6553	11600	38.8753	-77.8858	38 52 30.918 N 077 53 08.783 W
PLA	12:24:50.370	8:24:50	Reinforced	9.500	269.736			6553	11700	38.8814	-77.9024	38 52 53.107 N 077 54 08.550 W
GIB	12:24:55.855	8:24:56	Reinforced	149.000	248.555			6553	11900	38.8782	-77.9136	38 52 41.692 N 077 54 48.834 W
OCA	12:25:01.065	8:25:01	Reinforced	153.000	323.877	20000		6553		38.8728	-77.9372	38 52 22.240 N 077 56 13.841 W
PLA	12:25:02.235	8:25:02	Reinforced	10.625	269.209			6553	12100	38.8797	-77.9265	38 52 46.850 N 077 55 35.326 W
GIB	12:25:07.835	8:25:08	Reinforced	150.125	248.730			6553	12200	38.8779	-77.9395	38 52 40.375 N 077 56 22.041 W
PLA	12:25:14.080	8:25:14	Reinforced	11.875	268.594			6553	12400	38.8772	-77.9533	38 52 38.050 N 077 57 11.767 W
GIB	12:25:19.860	8:25:20	Reinforced	151.250	248.818			6553	12500	38.8741	-77.9634	38 52 26.638 N 077 57 48.380 W
OCA	12:25:24.924	8:25:25	Reinforced	154.250	322.822	27200		6553	12700	38.8610	-78.0018	38 51 39.673 N 078 00 06.418 W
PLA	12:25:26.020	8:25:26	Reinforced	13.125	268.418			6553	12800	38.8760	-77.9800	38 52 33.594 N 077 58 47.974 W
GIB	12:25:31.790	8:25:32	Reinforced	152.500	248.994			6553	13000	38.8731	-77.9918	38 52 23.100 N 077 59 30.553 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
OCA	12:25:36.865	8:25:37	Reinforced	154.875	322.646	13600	6553	13300	38.8642	-78.0179	38 51 51.171 N	078 01 04.620 W
PLA	12:25:37.860	8:25:38	Reinforced	14.375	267.803		6553	13300	38.8728	-78.0065	38 52 22.111 N	078 00 23.570 W
GIB	12:25:43.785	8:25:44	Reinforced	153.750	249.170		6553	13600	38.8722	-78.0202	38 52 20.010 N	078 01 12.804 W
OCA	12:25:48.920	8:25:49	Reinforced	155.625	322.119	21600	6553	13800	38.8590	-78.0517	38 51 32.302 N	078 03 06.032 W
PLA	12:25:49.765	8:25:50	Reinforced	15.625	267.627		6553	13800	38.8711	-78.0332	38 52 16.123 N	078 01 59.343 W
GIB	12:25:55.810	8:25:56	Reinforced	155.000	249.082		6553	14000	38.8605	-78.0428	38 51 37.844 N	078 02 34.087 W
PLA	12:26:01.645	8:26:02	Reinforced	16.875	266.748		6553	14300	38.8659	-78.0595	38 51 57.343 N	078 03 34.177 W
GIB	12:26:07.755	8:26:08	Reinforced	156.125	249.346		6553	14500	38.8643	-78.0708	38 51 51.404 N	078 04 14.817 W
OCA	12:26:12.810	8:26:13	Beacon	157.000	321.328		6553	14700	38.8537	-78.1058	38 51 13.267 N	078 06 20.729 W
PLA	12:26:13.565	8:26:14	Reinforced	18.125	266.396		6553	14800	38.8628	-78.0859	38 51 46.173 N	078 05 09.396 W
GIB	12:26:19.840	8:26:20	Reinforced	157.375	249.434	16000	6553	15000	38.8600	-78.0973	38 51 35.955 N	078 05 50.337 W
OCA	12:26:24.850	8:26:25	Reinforced	157.625	320.713	19200	6553	15200	38.8434	-78.1418	38 50 36.227 N	078 08 30.509 W
PLA	12:26:25.500	8:26:26	Reinforced	19.375	266.309		6553	15300	38.8609	-78.1125	38 51 39.368 N	078 06 44.934 W
GIB	12:26:31.745	8:26:32	Reinforced	158.625	249.609		6553	15500	38.8595	-78.1258	38 51 34.203 N	078 07 33.059 W
PLA	12:26:37.430	8:26:37	Reinforced	20.625	266.221		6553	15700	38.8590	-78.1390	38 51 32.304 N	078 08 20.573 W
GIB	12:26:43.830	8:26:44	Reinforced	159.875	249.697		6553	16000	38.8554	-78.1524	38 51 19.267 N	078 09 08.756 W
OCA	12:26:48.885	8:26:49	Reinforced	159.125	319.922	17200			38.8382	-78.1978	38 50 17.522 N	078 11 52.035 W
PLA	12:26:49.285	8:26:49	Beacon	22.000	266.133		6553	16200	38.8568	-78.1682	38 51 24.452 N	078 10 05.644 W
PLA	12:26:49.310	8:26:49	Search	21.875	266.221				38.8574	-78.1681	38 51 26.495 N	078 10 05.206 W
GIB	12:26:55.780	8:26:56	Reinforced	161.125	249.785		6553	16400	38.8513	-78.1790	38 51 04.516 N	078 10 44.571 W
OCA	12:27:00.835	8:27:01	Reinforced	159.875	319.834	14400	6553	16600	38.8449	-78.2123	38 50 41.735 N	078 12 44.447 W
PLA	12:27:01.130	8:27:01	Reinforced	23.250	266.045		6553	16700	38.8547	-78.1947	38 51 16.884 N	078 11 41.032 W
GIB	12:27:07.890	8:27:08	Reinforced	162.375	249.961		6553	16900	38.8511	-78.2077	38 51 03.824 N	078 12 27.614 W
OCA	12:27:12.960	8:27:13	Reinforced	160.625	319.482	16000	6553	17100	38.8433	-78.2386	38 50 35.965 N	078 14 18.926 W
PLA	12:27:13.080	8:27:13	Reinforced	24.625	266.133		6553	17100	38.8536	-78.2240	38 51 12.979 N	078 13 26.570 W
GIB	12:27:19.850	8:27:20	Reinforced	163.625	250.049	19200	6553	17400	38.8471	-78.2343	38 50 49.602 N	078 14 03.554 W
OCA	12:27:24.947	8:27:25	Reinforced	161.500	319.131	14400	6553	17600	38.8431	-78.2667	38 50 35.093 N	078 16 00.067 W
PLA	12:27:25.010	8:27:25	Reinforced	25.875	266.309		6553	17600	38.8534	-78.2507	38 51 12.216 N	078 15 02.558 W
GIB	12:27:31.830	8:27:32	Reinforced	164.875	250.400	20400	6553	17800	38.8550	-78.2670	38 51 17.828 N	078 16 01.262 W
PLA	12:27:36.855	8:27:37	Reinforced	27.250	266.484		6553	18100	38.8532	-78.2801	38 51 11.382 N	078 16 48.184 W
OCA	12:27:36.860	8:27:37	Reinforced	162.375	318.955	14800	6553	18000	38.8483	-78.2870	38 50 53.730 N	078 17 13.366 W
GIB	12:27:43.885	8:27:44	Reinforced	166.125	250.488	18400	6553	18300	38.8512	-78.2937	38 51 04.348 N	078 17 37.435 W
PLA	12:27:48.815	8:27:49	Reinforced	28.500	266.748		6553	18500	38.8539	-78.3068	38 51 14.115 N	078 18 24.544 W
OCA	12:27:48.915	8:27:49	Reinforced	163.250	318.428	14800	6553	18500	38.8420	-78.3231	38 50 31.193 N	078 19 23.249 W
GIB	12:27:55.830	8:27:56	Reinforced	167.375	250.664	18400	6553	18800	38.8515	-78.3225	38 51 05.400 N	078 19 20.901 W
PLA	12:28:00.750	8:28:01	Reinforced	29.875	266.836		6553	19000	38.8532	-78.3361	38 51 11.614 N	078 20 09.976 W
OCA	12:28:00.955	8:28:01	Reinforced	164.125	318.076	14800	6553	19000	38.8411	-78.3515	38 50 28.129 N	078 21 05.238 W
GIB	12:28:07.990	8:28:08	Reinforced	168.750	251.016	18800	6553	19200	38.8592	-78.3577	38 51 33.101 N	078 21 27.846 W
PLA	12:28:12.575	8:28:13	Beacon	31.250	267.012		6553	19400	38.8534	-78.3655	38 51 12.192 N	078 21 55.759 W
PLA	12:28:12.725	8:28:13	Search	31.125	267.012				38.8534	-78.3656	38 51 12.166 N	078 21 56.309 W
OCA	12:28:12.830	8:28:13	Reinforced	165.125	317.725	18000	6553	19400	38.8416	-78.3817	38 50 29.785 N	078 22 54.167 W
GIB	12:28:19.890	8:28:20	Reinforced	170.000	251.104		6553	19700	38.8557	-78.3845	38 51 20.687 N	078 23 04.343 W
PLA	12:28:24.540	8:28:25	Reinforced	32.500	267.012		6553	19900	38.8521	-78.3920	38 51 07.735 N	078 23 31.354 W
OCA	12:28:24.778	8:28:25	Reinforced	166.000	317.373	16400	6553	19900	38.8403	-78.4102	38 50 25.211 N	078 24 36.726 W
GIB	12:28:31.850	8:28:32	Reinforced	171.250	250.928		6553	20200	38.8401	-78.4053	38 50 24.370 N	078 24 19.108 W
PLA	12:28:36.485	8:28:36	Reinforced	33.875	267.275		6553	20400	38.8534	-78.4215	38 51 12.106 N	078 25 17.249 W
OCA	12:28:36.905	8:28:37	Reinforced	167.000	317.021	17200	6553	20400	38.8403	-78.4406	38 50 25.253 N	078 26 26.258 W
GIB	12:28:43.905	8:28:44	Reinforced	172.500	251.279	21600	6553	20600	38.8490	-78.4382	38 50 56.448 N	078 26 17.583 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
PLA	12:28:48.350	8:28:48	Reinforced	35.250	267.363		6553	20800	38.8530	-78.4508	38 51 10.750 N	078 27 02.826 W
OCA	12:28:48.955	8:28:49	Reinforced	167.875	316.846	18000	6553	20800	38.8447	-78.4615	38 50 40.944 N	078 27 41.329 W
GIB	12:28:55.875	8:28:56	Reinforced	173.875	251.279	24800	6553	21100	38.8408	-78.4655	38 50 27.017 N	078 27 55.943 W
PLA	12:29:00.270	8:29:00	Reinforced	36.625	267.451		6553	21300	38.8527	-78.4801	38 51 09.625 N	078 28 48.283 W
OCA	12:29:00.685	8:29:01	Reinforced	168.875	316.318	16000	6553	21300	38.8382	-78.4999	38 50 17.637 N	078 29 59.529 W
GIB	12:29:07.790	8:29:08	Reinforced	175.125	251.631	32800	6553	21600	38.8501	-78.4985	38 51 00.519 N	078 29 54.572 W
PLA	12:29:12.215	8:29:12	Reinforced	38.000	267.627		6553	21800	38.8534	-78.5094	38 51 12.208 N	078 30 33.971 W
OCA	12:29:12.665	8:29:13	Reinforced	169.875	316.055	16400	6553	21800	38.8407	-78.5267	38 50 26.422 N	078 31 35.976 W
GIB	12:29:20.040	8:29:20	Reinforced	176.375	251.719	24000	6553	22100	38.8470	-78.5254	38 50 49.351 N	078 31 31.447 W
PLA	12:29:24.040	8:29:24	Reinforced	39.375	267.627		6553	22300	38.8522	-78.5387	38 51 08.056 N	078 32 19.208 W
OCA	12:29:24.715	8:29:25	Reinforced	170.875	315.703	18000	6553	22300	38.8398	-78.5574	38 50 23.362 N	078 33 26.738 W
GIB	12:29:31.885	8:29:32	Reinforced	177.750	251.895	24000	6553	22500	38.8475	-78.5569	38 50 51.071 N	078 33 24.734 W
PLA	12:29:36.010	8:29:36	Reinforced	40.750	267.627		6553	22700	38.8511	-78.5679	38 51 03.874 N	078 34 04.554 W
OCA	12:29:36.855	8:29:37	Reinforced	171.750	315.439	18800	6553	22700	38.8405	-78.5825	38 50 25.720 N	078 34 56.913 W
GIB	12:29:43.940	8:29:44	Reinforced	179.125	251.895	23200	6553	23000	38.8395	-78.5843	38 50 22.369 N	078 35 03.430 W
PLA	12:29:47.955	8:29:48	Reinforced	42.250	267.715		6553	23100	38.8509	-78.5999	38 51 03.151 N	078 35 59.757 W
OCA	12:29:48.725	8:29:49	Reinforced	172.750	315.088	21600	6553	23100	38.8392	-78.6134	38 50 21.211 N	078 36 48.269 W
GIB	12:29:55.978	8:29:56	Reinforced	180.375	252.158	22800	6553	23400	38.8453	-78.6153	38 50 42.953 N	078 36 55.245 W
PLA	12:29:59.880	8:30:00	Reinforced	43.625	267.803		6553	23600	38.8508	-78.6292	38 51 03.042 N	078 37 45.227 W
OCA	12:30:00.670	8:30:01	Reinforced	173.750	314.561	18400	6553	23600	38.8312	-78.6522	38 49 52.464 N	078 39 07.760 W
GIB	12:30:07.970	8:30:08	Reinforced	181.750	252.070	23600	6553	23900	38.8330	-78.6407	38 49 58.864 N	078 38 26.686 W
PLA	12:30:11.765	8:30:12	Reinforced	45.000	267.891		6553	24000	38.8509	-78.6586	38 51 03.155 N	078 39 30.815 W
OCA	12:30:12.720	8:30:13	Reinforced	174.875	314.473	18800	6553	24000	38.8407	-78.6736	38 50 26.568 N	078 40 24.832 W
GIB	12:30:20.020	8:30:20	Reinforced	183.125	252.510	24400	6553	24300	38.8471	-78.6785	38 50 49.454 N	078 40 42.454 W
PLA	12:30:23.605	8:30:24	Reinforced	46.500	268.066		6553	24400	38.8521	-78.6906	38 51 07.411 N	078 41 26.269 W
OCA	12:30:24.635	8:30:25	Reinforced	175.875	314.297	22000	6553	24400	38.8454	-78.6970	38 50 43.500 N	078 41 49.063 W
GIB	12:30:31.955	8:30:32	Reinforced	184.500	252.598	25200	6553	24700	38.8437	-78.7080	38 50 37.435 N	078 42 28.900 W
PLA	12:30:35.505	8:30:36	Reinforced	47.875	268.066		6553	24800	38.8510	-78.7199	38 51 03.724 N	078 43 11.612 W
OCA	12:30:36.580	8:30:37	Reinforced	176.875	313.682	20800	6553	24900	38.8333	-78.7398	38 49 59.792 N	078 44 23.424 W
GIB	12:30:44.145	8:30:44	Reinforced	185.875	252.598	27200	6553	25100	38.8360	-78.7356	38 50 09.540 N	078 44 08.020 W
PLA	12:30:47.450	8:30:47	Reinforced	49.375	268.154		6553	25200	38.8512	-78.7519	38 51 04.198 N	078 45 06.820 W
OCA	12:30:48.630	8:30:49	Reinforced	178.000	313.330	21600	6553	25200	38.8322	-78.7731	38 49 56.081 N	078 46 23.338 W
GIB	12:30:56.065	8:30:56	Reinforced	187.250	252.861	25200	6553	25500	38.8417	-78.7693	38 50 30.290 N	078 46 09.381 W
PLA	12:30:59.310	8:30:59	Reinforced	50.750	268.066		6553	25600	38.8489	-78.7811	38 50 55.930 N	078 46 51.888 W
OCA	12:31:00.610	8:31:01	Reinforced	179.000	313.066	22800	6553	25600	38.8330	-78.8007	38 49 58.839 N	078 48 02.402 W
GIB	12:31:07.995	8:31:08	Reinforced	188.750	253.125	26000	6553	25900	38.8470	-78.8055	38 50 49.315 N	078 48 19.857 W
PLA	12:31:11.240	8:31:11	Reinforced	52.250	268.066		6553	26000	38.8477	-78.8130	38 50 51.817 N	078 48 46.819 W
OCA	12:31:12.555	8:31:13	Reinforced	180.125	312.803	22800	6553	26000	38.8350	-78.8303	38 50 05.941 N	078 49 48.950 W
GIB	12:31:20.155	8:31:20	Reinforced	190.125	253.301	24800	6553	26200	38.8486	-78.8372	38 50 55.067 N	078 50 14.071 W
PLA	12:31:23.200	8:31:23	Reinforced	53.750	268.154		6553	26400	38.8479	-78.8450	38 50 52.602 N	078 50 42.028 W
OCA	12:31:24.610	8:31:25	Reinforced	181.250	312.451	23200	6553	26400	38.8333	-78.8638	38 49 59.765 N	078 51 49.719 W
GIB	12:31:32.025	8:31:32	Reinforced	191.500	253.477	26400	6553	26600	38.8504	-78.8690	38 51 01.316 N	078 52 08.311 W
PLA	12:31:35.125	8:31:35	Reinforced	55.250	268.418		6553	26800	38.8510	-78.8772	38 51 03.765 N	078 52 37.783 W
OCA	12:31:36.625	8:31:37	Reinforced	182.375	312.100	22000	6553	26800	38.8313	-78.8974	38 49 52.660 N	078 53 50.773 W
GIB	12:31:44.135	8:31:44	Reinforced	193.000	253.389	27600	6553	27000	38.8376	-78.8971	38 50 15.247 N	078 53 49.564 W
PLA	12:31:46.985	8:31:47	Reinforced	56.750	268.330		6553	27100	38.8486	-78.9090	38 50 54.901 N	078 54 32.555 W
OCA	12:31:48.575	8:31:49	Reinforced	183.500	311.836	22000	6553	27200	38.8327	-78.9273	38 49 57.557 N	078 55 38.224 W
GIB	12:31:56.040	8:31:56	Reinforced	194.375	253.564	27600	6553	27400	38.8395	-78.9289	38 50 22.075 N	078 55 43.996 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
PLA	12:31:58.935	8:31:59	Reinforced	58.125	268.330		6553	27500	38.8476	-78.9383	38 50 51.398 N	078 56 17.868 W
OCA	12:32:00.635	8:32:01	Reinforced	184.625	311.396	23200	6553	27500	38.8266	-78.9649	38 49 35.687 N	078 57 53.740 W
GIB	12:32:08.090	8:32:08	Reinforced	195.875	253.652	28000	6553	27700	38.8361	-78.9612	38 50 09.893 N	078 57 40.216 W
PLA	12:32:10.775	8:32:11	Reinforced	59.625	268.330		6553	27800	38.8465	-78.9702	38 50 47.542 N	078 58 12.889 W
OCA	12:32:12.790	8:32:13	Reinforced	185.750	311.221	25600	6553	27900	38.8312	-78.9911	38 49 52.226 N	078 59 27.905 W
GIB	12:32:20.325	8:32:20	Reinforced	197.250	253.828	30800	6553	28100	38.8382	-78.9930	38 50 17.570 N	078 59 34.826 W
PLA	12:32:22.720	8:32:23	Reinforced	61.250	268.242		6553	28200	38.8438	-79.0047	38 50 37.713 N	079 00 17.090 W
OCA	12:32:24.665	8:32:25	Reinforced	186.875	310.869	23200	6553	28200	38.8283	-79.0250	38 49 41.711 N	079 01 30.095 W
GIB	12:32:32.250	8:32:32	Reinforced	198.750	253.916	26800	6553	28400	38.8350	-79.0253	38 50 05.993 N	079 01 31.210 W
PLA	12:32:34.665	8:32:35	Reinforced	62.750	268.154		6553	28500	38.8411	-79.0366	38 50 27.898 N	079 02 11.742 W
OCA	12:32:36.360	8:32:36	Reinforced	188.000	310.518	24000	6553	28500	38.8251	-79.0590	38 49 30.252 N	079 03 32.521 W
GIB	12:32:44.110	8:32:44	Reinforced	200.250	254.180	28800	6553	28700	38.8416	-79.0618	38 50 29.594 N	079 03 42.618 W
PLA	12:32:46.505	8:32:47	Reinforced	64.250	268.242		6553	28800	38.8415	-79.0686	38 50 29.563 N	079 04 07.064 W
OCA	12:32:48.445	8:32:48	Reinforced	189.250	310.342	25600	6553	28800	38.8305	-79.0875	38 49 49.801 N	079 05 15.074 W
GIB	12:32:56.040	8:32:56	Reinforced	201.750	254.180		6553	28900	38.8336	-79.0922	38 50 01.140 N	079 05 31.767 W
PLA	12:32:58.425	8:32:58	Reinforced	65.750	268.418		6553	29000	38.8438	-79.1008	38 50 37.501 N	079 06 02.824 W
OCA	12:33:00.485	8:33:00	Reinforced	190.375	309.814	26800	6553	29000	38.8192	-79.1293	38 49 09.138 N	079 07 45.658 W
GIB	12:33:08.105	8:33:08	Reinforced	203.125	254.355	28800	6553	29000	38.8362	-79.1241	38 50 10.487 N	079 07 26.914 W
PLA	12:33:10.370	8:33:10	Reinforced	67.375	268.330		6553	29000	38.8409	-79.1354	38 50 27.106 N	079 08 07.364 W
OCA	12:33:12.435	8:33:12	Reinforced	191.625	309.639	24800	6553	29000	38.8243	-79.1581	38 49 27.391 N	079 09 29.018 W
PLA	12:33:22.315	8:33:22	Reinforced	68.875	268.242		6553	29000	38.8380	-79.1673	38 50 16.727 N	079 10 02.247 W
OCA	12:33:24.455	8:33:24	Reinforced	192.875	309.375	23600	6553	29000	38.8253	-79.1907	38 49 31.106 N	079 11 26.443 W
GIB	12:33:32.190	8:33:32	Reinforced	206.250	254.443		6553	29000	38.8249	-79.1895	38 49 29.547 N	079 11 22.317 W
PLA	12:33:34.180	8:33:34	Reinforced	70.500	268.506		6553	29000	38.8421	-79.2023	38 50 31.554 N	079 12 08.190 W
OCA	12:33:36.440	8:33:36	Reinforced	194.125	308.936	26000	6553	29000	38.8182	-79.2310	38 49 05.585 N	079 13 51.671 W
GIB	12:33:44.290	8:33:44	Reinforced	207.750	254.619	28000	6553	29000	38.8271	-79.2241	38 49 37.651 N	079 13 26.924 W
PLA	12:33:46.125	8:33:46	Reinforced	72.000	268.506		6553	29000	38.8410	-79.2343	38 50 27.706 N	079 14 03.436 W
OCA	12:33:48.490	8:33:48	Reinforced	195.375	308.848	25600	6553	29000	38.8268	-79.2562	38 49 36.345 N	079 15 22.159 W
GIB	12:33:56.105	8:33:56	Reinforced	209.250	254.883	31200	6553	29000	38.8346	-79.2609	38 50 04.598 N	079 15 39.177 W
PLA	12:33:58.070	8:33:58	Reinforced	73.625	268.418		6553	29000	38.8380	-79.2689	38 50 16.743 N	079 16 07.892 W
OCA	12:34:00.440	8:34:00	Reinforced	196.625	308.496	24000	6553	29000	38.8231	-79.2928	38 49 23.329 N	079 17 34.201 W
GIB	12:34:08.245	8:34:08	Reinforced	210.750	254.971	30000	6553	29000	38.8321	-79.2934	38 49 55.430 N	079 17 36.392 W
PLA	12:34:10.020	8:34:10	Reinforced	75.250	268.506		6553	29000	38.8387	-79.3036	38 50 19.260 N	079 18 13.094 W
OCA	12:34:12.565	8:34:13	Reinforced	197.875	308.320	24400	6553	29000	38.8274	-79.3219	38 49 38.649 N	079 19 18.985 W
GIB	12:34:20.210	8:34:20	Beacon	212.375	255.146		6553	29000	38.8341	-79.3307	38 50 02.833 N	079 19 50.395 W
PLA	12:34:21.860	8:34:22	Reinforced	76.750	268.594		6553	29000	38.8395	-79.3357	38 50 22.359 N	079 20 08.691 W
GIB	12:34:32.250	8:34:32	Reinforced	213.750	255.322	36800	6553	29000	38.8376	-79.3628	38 50 15.308 N	079 21 46.180 W
PLA	12:34:33.790	8:34:34	Reinforced	78.375	268.770		6553	29000	38.8424	-79.3706	38 50 32.590 N	079 22 14.258 W
GIB	12:34:44.240	8:34:44	Beacon	215.250	255.674		6553	29000	38.8511	-79.4017	38 51 03.861 N	079 24 06.193 W
PLA	12:34:45.735	8:34:46	Reinforced	79.875	269.121		6553	29000	38.8495	-79.4030	38 50 58.334 N	079 24 10.864 W
GIB	12:34:56.240	8:34:56	Reinforced	216.500	255.937	30800	6553	29000	38.8608	-79.4334	38 51 38.847 N	079 26 00.309 W
PLA	12:34:57.695	8:34:58	Reinforced	81.375	269.473		6553	29000	38.8570	-79.4354	38 51 25.158 N	079 26 07.305 W
GIB	12:35:08.190	8:35:08	Beacon	217.875	255.937		6553	29000	38.8541	-79.4615	38 51 14.824 N	079 27 41.361 W
PLA	12:35:09.625	8:35:10	Reinforced	82.875	269.648		6553	29000	38.8605	-79.4675	38 51 37.831 N	079 28 03.104 W
GIB	12:35:20.260	8:35:20	Reinforced	219.125	256.377		6553	29000	38.8749	-79.4973	38 52 29.493 N	079 29 50.299 W
PLA	12:35:21.470	8:35:21	Reinforced	84.375	270.176		6553	29000	38.8728	-79.4999	38 52 22.043 N	079 29 59.647 W
GIB	12:35:32.125	8:35:32	Reinforced	220.375	256.553		6553	29000	38.8797	-79.5270	38 52 47.044 N	079 31 37.051 W
PLA	12:35:33.510	8:35:34	Reinforced	85.875	270.527		6553	29000	38.8811	-79.5321	38 52 52.101 N	079 31 55.526 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
GIB	12:35:44.360	8:35:44	Reinforced	221.625	256.729		6553	29000	38.8847	-79.5566	38 53 05.045 N	079 33 23.830 W
PLA	12:35:45.375	8:35:45	Beacon	87.375	270.967		6553	29000	38.8920	-79.5642	38 53 31.268 N	079 33 51.237 W
PLA	12:35:45.460	8:35:45	Search	87.250	271.055				38.8943	-79.5634	38 53 39.305 N	079 33 48.093 W
GIB	12:35:56.220	8:35:56	Reinforced	223.000	256.992		6553	29000	38.8948	-79.5909	38 53 41.141 N	079 35 27.100 W
PLA	12:35:57.310	8:35:57	Reinforced	88.750	271.318		6553	29000	38.9010	-79.5936	38 54 03.598 N	079 35 37.010 W
GIB	12:36:08.335	8:36:08	Reinforced	224.250	257.080		6553	29000	38.8945	-79.6185	38 53 40.338 N	079 37 06.706 W
PLA	12:36:09.255	8:36:09	Reinforced	90.250	271.670		6553	29000	38.9103	-79.6256	38 54 36.977 N	079 37 32.161 W
GIB	12:36:20.385	8:36:20	Reinforced	225.500	257.520	37600	6553	29000	38.9166	-79.6542	38 54 59.649 N	079 39 14.975 W
PLA	12:36:21.110	8:36:21	Reinforced	91.750	272.021		6553	29000	38.9198	-79.6575	38 55 11.428 N	079 39 27.066 W
PLA	12:36:33.045	8:36:33	Reinforced	93.250	272.109		6553	29000	38.9226	-79.6895	38 55 21.233 N	079 41 22.284 W
GIB	12:36:44.305	8:36:44	Reinforced	228.125	258.047	38000	6553	29000	38.9386	-79.7199	38 56 19.055 N	079 43 11.809 W
PLA	12:36:44.995	8:36:45	Reinforced	94.750	272.549		6553	29000	38.9350	-79.7213	38 56 06.124 N	079 43 16.624 W
GIB	12:36:56.389	8:36:56	Beacon	229.375	258.135		6553	29000	38.9389	-79.7477	38 56 20.028 N	079 44 51.636 W
PLA	12:36:56.934	8:36:57	Reinforced	96.125	272.900		6553	29000	38.9454	-79.7503	38 56 43.300 N	079 45 01.247 W
GIB	12:37:08.225	8:37:08	Reinforced	230.625	258.486	48000	6553	29000	38.9563	-79.7812	38 57 22.767 N	079 46 52.193 W
PLA	12:37:08.770	8:37:09	Reinforced	97.625	273.164		6553	29000	38.9535	-79.7821	38 57 12.740 N	079 46 55.579 W
PLA	12:37:20.715	8:37:21	Reinforced	99.125	273.428		6553	29000	38.9619	-79.8138	38 57 42.974 N	079 48 49.741 W
PLA	12:37:32.675	8:37:33	Reinforced	100.625	273.779		6553	29100	38.9731	-79.8453	38 58 23.243 N	079 50 43.157 W
PLA	12:37:44.605	8:37:45	Reinforced	102.125	274.043		6553	29500	38.9820	-79.8768	38 58 55.187 N	079 52 36.599 W
GIB	12:37:56.385	8:37:56	Beacon	235.875	259.189		6553	30000	38.9810	-79.9048	38 58 51.552 N	079 54 17.163 W
PLA	12:37:56.450	8:37:56	Reinforced	103.625	274.219		6553	30000	38.9884	-79.9084	38 59 18.401 N	079 54 30.388 W
PLA	12:38:08.395	8:38:08	Reinforced	105.125	274.482		6553	30500	38.9977	-79.9398	38 59 51.784 N	079 56 23.431 W
PLA	12:38:20.360	8:38:20	Reinforced	106.625	274.395		6553	31000	38.9963	-79.9720	38 59 46.798 N	079 58 19.030 W
GIB	12:38:20.385	8:38:20	Beacon	238.750	259.541		6553	30900	38.9931	-79.9717	38 59 35.275 N	079 58 18.100 W
PLA	12:38:32.190	8:38:32	Reinforced	108.125	274.395		6553	31400	38.9976	-80.0039	38 59 51.437 N	080 00 14.054 W
GIB	12:38:32.350	8:38:32	Reinforced	240.250	259.805	46400	6553	31400	39.0051	-80.0083	39 00 18.524 N	080 00 29.816 W
PLA	12:38:44.135	8:38:44	Reinforced	109.625	274.219		6553	31800	38.9933	-80.0362	38 59 35.910 N	080 02 10.360 W
GIB	12:38:44.285	8:38:44	Reinforced	241.750	259.717	54000	6553	31800	38.9933	-80.0376	38 59 36.050 N	080 02 15.212 W
PLA	12:38:56.080	8:38:56	Reinforced	111.125	274.219		6553	32300	38.9945	-80.0681	38 59 40.207 N	080 04 05.318 W
PLA	12:39:07.915	8:39:08	Reinforced	112.625	274.043		6553	32700	38.9899	-80.1004	38 59 23.787 N	080 06 01.571 W
GIB	12:39:08.430	8:39:08	Reinforced	244.750	259.717		6553	32700	38.9817	-80.0997	38 58 54.010 N	080 05 59.045 W
PLA	12:39:19.860	8:39:20	Reinforced	114.125	273.955		6553	33000	38.9881	-80.1326	38 59 17.268 N	080 07 57.278 W
GIB	12:39:20.440	8:39:20	Reinforced	246.250	259.805	49600	6553	33000	38.9819	-80.1327	38 58 54.945 N	080 07 57.824 W
PLA	12:39:31.710	8:39:32	Reinforced	115.625	273.867		6553	33000	38.9862	-80.1648	38 59 10.449 N	080 09 53.207 W
GIB	12:39:32.330	8:39:32	Reinforced	247.750	259.893	47200	6553	33000	38.9822	-80.1658	38 58 56.083 N	080 09 56.857 W
PLA	12:39:43.640	8:39:44	Reinforced	117.000	273.779		6553	33000	38.9842	-80.1943	38 59 03.030 N	080 11 39.506 W
GIB	12:39:44.550	8:39:45	Reinforced	249.125	259.980	41200	6553	33000	38.9831	-80.1963	38 58 59.196 N	080 11 46.570 W
PLA	12:40:07.435	8:40:07	Reinforced	120.000	273.428		3743	33000	38.9738	-80.2590	38 58 25.820 N	080 15 32.224 W
PLA	12:40:19.385	8:40:19	Reinforced	121.375	273.428		3743	33000	38.9746	-80.2883	38 58 28.432 N	080 17 17.988 W
PLA	12:40:31.335	8:40:31	Reinforced	122.875	273.340		3743	33000	38.9722	-80.3205	38 58 19.958 N	080 19 13.807 W
PLA	12:40:43.160	8:40:43	Reinforced	124.375	273.164		3743	33000	38.9666	-80.3528	38 57 59.743 N	080 21 09.999 W
PLA	12:40:55.105	8:40:55	Reinforced	125.875	273.164		3743	33000	38.9672	-80.3848	38 58 02.084 N	080 23 05.379 W
PLA	12:41:06.975	8:41:07	Reinforced	127.250	272.988		3743	33000	38.9613	-80.4144	38 57 40.807 N	080 24 51.862 W
PLA	12:41:18.925	8:41:19	Reinforced	128.750	272.900		3743	33000	38.9586	-80.4465	38 57 30.974 N	080 26 47.564 W
PLA	12:41:30.875	8:41:31	Reinforced	130.250	272.725		3743	33000	38.9525	-80.4788	38 57 08.857 N	080 28 43.512 W
PLA	12:41:42.795	8:41:43	Reinforced	131.625	272.637		3743	33000	38.9495	-80.5082	38 56 58.154 N	080 30 29.519 W
PLA	12:41:54.635	8:41:55	Reinforced	133.125	272.373		3743	33000	38.9397	-80.5404	38 56 22.789 N	080 32 25.481 W
PLA	12:42:06.580	8:42:07	Reinforced	134.500	272.109		3743	33000	38.9296	-80.5699	38 55 46.521 N	080 34 11.592 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
PLA	12:42:18.450	8:42:18	Reinforced	136.000	272.109		3743	33000	38.9297	-80.6019	38 55 46.991 N	080 36 06.938 W
PLA	12:42:30.370	8:42:30	Reinforced	137.500	272.109		3743	33000	38.9298	-80.6340	38 55 47.429 N	080 38 02.282 W
PLA	12:42:42.315	8:42:42	Reinforced	139.000	272.021		3743	33000	38.9264	-80.6660	38 55 35.052 N	080 39 57.684 W
PLA	12:42:54.260	8:42:54	Reinforced	140.500	271.846		3743	33000	38.9193	-80.6981	38 55 09.445 N	080 41 53.052 W
PLA	12:43:06.095	8:43:06	Reinforced	142.000	271.670		3743	33000	38.9120	-80.7301	38 54 43.255 N	080 43 48.294 W
PLA	12:43:18.040	8:43:18	Reinforced	143.375	271.494		3743	33000	38.9046	-80.7594	38 54 16.537 N	080 45 33.797 W
PLA	12:43:29.885	8:43:30	Reinforced	144.875	271.406		3743	33000	38.9007	-80.7914	38 54 02.529 N	080 47 28.947 W
PLA	12:43:41.830	8:43:42	Reinforced	146.375	271.406		3743	33000	38.9005	-80.8234	38 54 01.675 N	080 49 24.234 W
PLA	12:43:53.775	8:43:54	Reinforced	147.875	271.230		3743	33100	38.8927	-80.8553	38 53 33.591 N	080 51 19.045 W
PLA	12:44:05.615	8:44:06	Reinforced	149.375	271.318		3743	33300	38.8961	-80.8873	38 53 46.136 N	080 53 14.391 W
PLA	12:44:17.560	8:44:18	Reinforced	150.875	271.055		3743	33600	38.8843	-80.9191	38 53 03.428 N	080 55 08.674 W
PLA	12:44:29.500	8:44:30	Reinforced	152.375	271.143		3743	33800	38.8878	-80.9511	38 53 15.910 N	080 57 04.070 W
PLA	12:44:41.340	8:44:41	Reinforced	153.875	270.967		3743	34100	38.8795	-80.9829	38 52 46.188 N	080 58 58.471 W
PLA	12:44:53.270	8:44:53	Reinforced	155.375	270.879		3743	34300	38.8750	-81.0148	38 52 30.170 N	081 00 53.189 W
PLA	12:45:05.235	8:45:05	Reinforced	156.875	270.791		3743	34600	38.8705	-81.0466	38 52 13.847 N	081 02 47.784 W
PLA	12:45:17.075	8:45:17	Reinforced	158.375	270.879		3743	34900	38.8740	-81.0787	38 52 26.341 N	081 04 43.191 W
PLA	12:45:29.005	8:45:29	Reinforced	159.875	270.791		3743	35000	38.8694	-81.1105	38 52 09.677 N	081 06 37.906 W
PLA	12:45:40.860	8:45:41	Reinforced	161.375	270.615		3743	35000	38.8605	-81.1423	38 51 37.869 N	081 08 32.144 W
PLA	12:45:52.790	8:45:53	Reinforced	162.875	270.527		3743	35000	38.8557	-81.1741	38 51 20.453 N	081 10 26.785 W
PLA	12:46:04.670	8:46:05	Reinforced	164.375	270.439		3743	35000	38.8508	-81.2059	38 51 02.731 N	081 12 21.370 W
PLA	12:46:16.575	8:46:17	Reinforced	165.875	270.352		3743	35000	38.8458	-81.2377	38 50 44.702 N	081 14 15.898 W
PLA	12:46:28.520	8:46:29	Reinforced	167.375	270.176		3743	35000	38.8364	-81.2694	38 50 10.984 N	081 16 09.675 W
PLA	12:46:40.465	8:46:40	Reinforced	168.875	270.264		3743	35000	38.8398	-81.3015	38 50 23.248 N	081 18 05.485 W
PLA	12:46:52.325	8:46:52	Reinforced	170.375	270.176		3743	35000	38.8346	-81.3333	38 50 04.437 N	081 19 59.879 W
PLA	12:47:04.290	8:47:04	Reinforced	171.875	270.088		3743	35000	38.8293	-81.3651	38 49 45.321 N	081 21 54.212 W
PLA	12:47:16.215	8:47:16	Reinforced	173.375	270.000		3743	35000	38.8239	-81.3968	38 49 25.898 N	081 23 48.483 W
PLA	12:47:28.080	8:47:28	Reinforced	174.875	270.088		3743	35000	38.8273	-81.4290	38 49 38.310 N	081 25 44.368 W
PLA	12:47:39.985	8:47:40	Reinforced	176.375	270.176		3743	35000	38.8308	-81.4612	38 49 50.967 N	081 27 40.246 W
PLA	12:47:51.950	8:47:52	Reinforced	177.875	270.000		3743	35000	38.8208	-81.4927	38 49 14.828 N	081 29 33.658 W
PLA	12:48:03.775	8:48:04	Reinforced	179.375	270.176		3743	35000	38.8289	-81.5251	38 49 44.043 N	081 31 30.409 W
PLA	12:48:15.735	8:48:16	Reinforced	180.875	270.000		3743	35000	38.8187	-81.5566	38 49 07.290 N	081 33 23.756 W
PLA	12:48:27.680	8:48:28	Reinforced	182.375	270.088		3743	35000	38.8223	-81.5888	38 49 20.233 N	081 35 19.696 W
PLA	12:48:39.520	8:48:40	Reinforced	183.875	270.352		3743	35000	38.8353	-81.6215	38 50 07.219 N	081 37 17.285 W
PLA	12:48:51.465	8:48:51	Reinforced	185.375	270.352		3743	35000	38.8344	-81.6534	38 50 03.890 N	081 39 12.380 W
PLA	12:49:03.395	8:49:03	Reinforced	186.875	270.352		3743	35000	38.8335	-81.6854	38 50 00.531 N	081 41 07.472 W
PLA	12:49:15.260	8:49:15	Reinforced	188.375	270.176		3743	35000	38.8229	-81.7169	38 49 22.515 N	081 43 00.817 W
PLA	12:49:27.185	8:49:27	Beacon	189.875	270.352		3743	35000	38.8316	-81.7493	38 49 53.716 N	081 44 57.646 W
PLA	12:49:39.125	8:49:39	Reinforced	191.375	270.439		3743	58500	38.8357	-81.7760	38 50 08.425 N	081 46 33.749 W
PLA	12:49:50.985	8:49:51	Reinforced	192.875	270.439		3743	35000	38.8346	-81.8135	38 50 04.503 N	081 48 48.672 W
PLA	12:50:02.910	8:50:03	Reinforced	194.375	270.527		3743	35000	38.8386	-81.8457	38 50 18.988 N	081 50 44.607 W
PLA	12:50:14.855	8:50:15	Reinforced	195.875	270.527		3743	35000	38.8377	-81.8777	38 50 15.715 N	081 52 39.709 W
PLA	12:50:26.815	8:50:27	Reinforced	197.375	270.439		3743	35000	38.8317	-81.9094	38 49 54.269 N	081 54 33.935 W
PLA	12:50:38.660	8:50:39	Reinforced	198.875	270.439		3743	35000	38.8308	-81.9414	38 49 50.795 N	081 56 29.016 W
PLA	13:09:29.990	9:09:30	Search	147.500	260.156				38.4213	-80.7823	38 25 16.783 N	080 46 56.459 W
PLA	13:09:41.835	9:09:42	Search	146.125	260.068				38.4223	-80.7528	38 25 20.452 N	080 45 10.191 W
PLA	13:09:53.820	9:09:54	Search	144.625	260.156				38.4311	-80.7227	38 25 51.943 N	080 43 21.550 W
PLA	13:10:05.655	9:10:06	Search	143.000	259.893				38.4259	-80.6860	38 25 33.138 N	080 41 09.758 W
PLA	13:10:17.600	9:10:18	Search	141.500	259.980				38.4346	-80.6559	38 26 04.548 N	080 39 21.129 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
PLA	13:10:29.525	9:10:30	Search	140.000	260.156				38.4467	-80.6266	38 26 48.276 N	080 37 35.701 W
PLA	13:10:41.455	9:10:41	Search	138.500	259.980				38.4449	-80.5936	38 26 41.534 N	080 35 36.908 W
PLA	13:10:53.310	9:10:53	Search	137.000	259.893				38.4466	-80.5615	38 26 47.646 N	080 33 41.481 W
PLA	13:11:05.240	9:11:05	Search	135.500	260.068				38.4585	-80.5322	38 27 30.606 N	080 31 55.847 W
PLA	13:11:17.205	9:11:17	Search	133.875	259.893				38.4573	-80.4966	38 27 26.265 N	080 29 47.898 W
PLA	13:11:29.030	9:11:29	Search	132.375	259.893				38.4624	-80.4655	38 27 44.756 N	080 27 55.752 W
PLA	13:11:40.965	9:11:41	Search	130.875	259.717				38.4610	-80.4326	38 27 39.654 N	080 25 57.272 W
PLA	13:11:52.910	9:11:53	Search	129.250	259.805				38.4699	-80.3997	38 28 11.546 N	080 23 58.958 W
PLA	13:12:04.765	9:12:05	Search	127.875	259.805				38.4746	-80.3712	38 28 28.537 N	080 22 16.148 W
PLA	13:12:16.715	9:12:17	Search	126.375	259.541				38.4703	-80.3374	38 28 12.924 N	080 20 14.769 W
PLA	13:12:28.555	9:12:29	Search	124.875	259.717				38.4817	-80.3080	38 28 54.278 N	080 18 28.779 W
PLA	13:12:40.505	9:12:41	Search	123.250	259.277				38.4719	-80.2700	38 28 18.977 N	080 16 12.136 W
PLA	13:12:52.450	9:12:52	Search	121.750	259.365				38.4803	-80.2398	38 28 49.142 N	080 14 23.184 W
PLA	13:13:04.355	9:13:04	Search	120.125	259.365				38.4861	-80.2061	38 29 09.787 N	080 12 21.809 W
PLA	13:13:16.195	9:13:16	Search	118.500	259.014				38.4799	-80.1693	38 28 47.630 N	080 10 09.526 W
PLA	13:13:28.145	9:13:28	Search	116.875	258.926				38.4828	-80.1351	38 28 58.110 N	080 08 06.348 W
PLA	13:13:40.000	9:13:40	Search	115.125	258.838				38.4862	-80.0983	38 29 10.486 N	080 05 53.937 W
PLA	13:13:51.985	9:13:52	Search	113.500	258.750				38.4893	-80.0641	38 29 21.502 N	080 03 50.785 W
PLA	13:14:03.895	9:14:04	Search	111.750	258.662				38.4929	-80.0273	38 29 34.458 N	080 01 38.262 W
PLA	13:14:15.740	9:14:16	Search	110.000	258.750				38.5021	-79.9919	38 30 07.583 N	079 59 30.667 W
PLA	13:14:27.685	9:14:28	Search	108.375	258.486				38.4999	-79.9558	38 29 59.811 N	079 57 21.051 W
PLA	13:14:39.640	9:14:40	Search	106.875	258.486				38.5055	-79.9248	38 30 19.943 N	079 55 29.298 W
PLA	13:14:51.465	9:14:51	Search	105.375	258.311				38.5059	-79.8922	38 30 21.145 N	079 53 31.987 W
PLA	13:15:03.425	9:15:03	Search	103.875	258.047				38.5038	-79.8589	38 30 13.560 N	079 51 31.968 W
PLA	13:15:15.265	9:15:15	Search	102.375	257.959				38.5070	-79.8271	38 30 25.105 N	079 49 37.614 W
PLA	13:15:27.210	9:15:27	Search	101.000	258.047				38.5148	-79.7995	38 30 53.235 N	079 47 58.070 W
PLA	13:15:39.160	9:15:39	Search	99.500	257.871				38.5156	-79.7670	38 30 56.072 N	079 46 01.069 W
PLA	13:15:51.105	9:15:51	Search	98.125	257.871				38.5209	-79.7386	38 31 15.227 N	079 44 18.809 W
PLA	13:16:02.950	9:16:03	Search	96.750	257.783				38.5238	-79.7094	38 31 25.697 N	079 42 33.901 W
OCA	13:16:12.455	9:16:12	Search	202.500	301.201	29600			38.5201	-79.6894	38 31 12.295 N	079 41 21.766 W
PLA	13:16:14.885	9:16:15	Search	95.250	257.520				38.5225	-79.6762	38 31 21.111 N	079 40 34.491 W
OCA	13:16:24.505	9:16:25	Search	201.375	301.025	23600			38.5024	-79.6757	38 30 08.595 N	079 40 32.663 W
PLA	13:16:26.830	9:16:27	Search	93.875	257.520				38.5280	-79.6479	38 31 40.680 N	079 38 52.344 W
OCA	13:16:36.430	9:16:36	Search	200.125	301.553	36000			38.5183	-79.6315	38 31 05.777 N	079 37 53.326 W
PLA	13:16:38.675	9:16:39	Search	92.500	257.520				38.5334	-79.6195	38 32 00.224 N	079 37 10.181 W
OCA	13:16:48.510	9:16:49	Search	199.000	301.729	42800			38.5174	-79.6030	38 31 02.494 N	079 36 10.886 W
PLA	13:16:50.625	9:16:51	Search	91.000	257.344				38.5348	-79.5871	38 32 05.249 N	079 35 13.643 W
OCA	13:17:00.430	9:17:00	Search	197.750	302.080	36800			38.5251	-79.5683	38 31 30.465 N	079 34 05.895 W
PLA	13:17:02.570	9:17:03	Search	89.500	257.256				38.5386	-79.5555	38 32 18.784 N	079 33 19.731 W
OCA	13:17:12.505	9:17:13	Search	196.625	302.168	34000			38.5203	-79.5449	38 31 13.244 N	079 32 41.623 W
PLA	13:17:14.405	9:17:14	Search	88.000	257.080				38.5402	-79.5232	38 32 24.703 N	079 31 23.378 W
PLA	13:17:26.335	9:17:26	Search	86.500	256.904				38.5420	-79.4909	38 32 31.139 N	079 29 27.126 W
OCA	13:17:36.505	9:17:37	Search	194.125	302.695	32800			38.5253	-79.4800	38 31 30.951 N	079 28 48.087 W
PLA	13:17:38.190	9:17:38	Search	85.000	256.729				38.5439	-79.4586	38 32 38.091 N	079 27 30.978 W
OCA	13:17:48.455	9:17:48	Search	192.875	303.047	25200			38.5322	-79.4455	38 31 55.778 N	079 26 43.928 W
PLA	13:17:50.140	9:17:50	Search	83.500	256.553				38.5460	-79.4264	38 32 45.559 N	079 25 34.938 W
OCA	13:18:00.615	9:18:01	Search	191.625	303.486	21600			38.5426	-79.4071	38 32 33.477 N	079 24 25.696 W
PLA	13:18:02.070	9:18:02	Search	81.875	256.377				38.5487	-79.3916	38 32 55.445 N	079 23 29.756 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
OCA	13:18:12.635	9:18:13	Search	190.375	303.750	21600			38.5442	-79.3747	38 32 39.128 N	079 22 29.094 W
PLA	13:18:13.925	9:18:14	Search	80.375	256.289				38.5531	-79.3601	38 33 11.114 N	079 21 36.346 W
OCA	13:18:24.505	9:18:25	Search	189.250	304.014	21600			38.5467	-79.3447	38 32 48.008 N	079 20 40.797 W
PLA	13:18:25.855	9:18:26	Search	78.875	256.201				38.5575	-79.3288	38 33 26.890 N	079 19 43.631 W
OCA	13:18:36.525	9:18:37	Search	188.000	304.277	21200			38.5479	-79.3124	38 32 52.297 N	079 18 44.763 W
PLA	13:18:37.810	9:18:38	Search	77.375	256.025				38.5600	-79.2969	38 33 35.987 N	079 17 48.822 W
OCA	13:18:48.605	9:18:49	Search	186.750	304.541	22000			38.5488	-79.2801	38 32 55.549 N	079 16 48.350 W
PLA	13:18:49.655	9:18:50	Search	75.750	255.674				38.5595	-79.2612	38 33 34.093 N	079 15 40.263 W
OCA	13:19:00.525	9:19:01	Search	185.500	304.893	20000			38.5536	-79.2449	38 33 13.087 N	079 14 41.709 W
PLA	13:19:01.600	9:19:02	Search	74.250	255.674				38.5660	-79.2306	38 33 57.702 N	079 13 50.279 W
OCA	13:19:12.680	9:19:13	Search	184.250	305.244	21600			38.5580	-79.2093	38 33 28.703 N	079 12 33.510 W
PLA	13:19:13.540	9:19:14	Search	72.625	255.234				38.5642	-79.1944	38 33 51.039 N	079 11 39.695 W
OCA	13:19:24.550	9:19:25	Search	183.000	305.508	20000			38.5583	-79.1775	38 33 30.049 N	079 10 38.901 W
PLA	13:19:25.380	9:19:25	Search	71.000	255.322				38.5732	-79.1618	38 34 23.669 N	079 09 42.509 W
OCA	13:19:36.460	9:19:36	Search	181.750	305.508	20400			38.5468	-79.1553	38 32 48.425 N	079 09 19.059 W
PLA	13:19:37.325	9:19:37	Search	69.250	255.059				38.5760	-79.1241	38 34 33.487 N	079 07 26.931 W
OCA	13:19:48.515	9:19:49	Search	180.375	306.387	21600			38.5722	-79.0979	38 34 19.972 N	079 05 52.525 W
PLA	13:19:49.270	9:19:49	Search	67.625	254.883				38.5800	-79.0897	38 34 48.121 N	079 05 22.950 W
OCA	13:20:00.570	9:20:01	Search	179.125	307.002	20400			38.5868	-79.0529	38 35 12.478 N	079 03 10.328 W
PLA	13:20:01.110	9:20:01	Search	65.875	254.443				38.5800	-79.0510	38 34 47.928 N	079 03 03.433 W
OCA	13:20:12.525	9:20:13	Search	177.875	306.826	21600			38.5673	-79.0376	38 34 02.146 N	079 02 15.525 W
PLA	13:20:13.065	9:20:13	Search	64.125	254.180				38.5835	-79.0135	38 35 00.608 N	079 00 48.538 W
OCA	13:20:24.500	9:20:25	Search	176.500	307.178	21600			38.5689	-79.0005	38 34 07.910 N	079 00 01.679 W
PLA	13:20:24.905	9:20:25	Search	62.500	254.004				38.5882	-78.9793	38 35 17.471 N	078 58 45.374 W
OCA	13:20:36.550	9:20:37	Search	175.250	307.793	22000			38.5822	-78.9555	38 34 56.069 N	078 57 19.629 W
PLA	13:20:36.845	9:20:37	Search	60.875	253.652				38.5900	-78.9439	38 35 24.160 N	078 56 38.201 W
OCA	13:20:48.495	9:20:48	Search	174.125	308.145	22800			38.5855	-78.9226	38 35 07.871 N	078 55 21.402 W
PLA	13:20:48.690	9:20:49	Search	59.250	253.477				38.5951	-78.9098	38 35 42.408 N	078 54 35.446 W
OCA	13:21:00.515	9:21:01	Search	172.875	308.496	21600			38.5874	-78.8880	38 35 14.797 N	078 53 16.662 W
PLA	13:21:00.635	9:21:01	Search	57.625	253.301				38.6003	-78.8758	38 36 01.201 N	078 52 32.854 W
GIB	13:21:07.700	9:21:08	Search	196.250	249.170				38.5958	-78.8503	38 35 44.805 N	078 51 01.179 W
OCA	13:21:12.500	9:21:13	Search	171.625	308.848	22400			38.5889	-78.8531	38 35 20.168 N	078 51 11.285 W
PLA	13:21:12.585	9:21:13	Search	56.000	252.949				38.6030	-78.8407	38 36 10.715 N	078 50 26.439 W
GIB	13:21:19.860	9:21:20	Search	194.750	248.906				38.5919	-78.8136	38 35 30.931 N	078 48 49.006 W
OCA	13:21:24.420	9:21:24	Search	170.500	309.287	21600			38.5950	-78.8173	38 35 41.989 N	078 49 02.369 W
PLA	13:21:24.425	9:21:24	Search	54.375	252.598				38.6060	-78.8056	38 36 21.422 N	078 48 20.114 W
GIB	13:21:31.735	9:21:32	Search	193.125	248.906	31600			38.6027	-78.7821	38 36 09.717 N	078 46 55.470 W
PLA	13:21:36.345	9:21:36	Search	52.875	252.246				38.6086	-78.7731	38 36 30.896 N	078 46 23.181 W
OCA	13:21:36.670	9:21:37	Search	169.375	309.551	21200			38.5939	-78.7883	38 35 37.886 N	078 47 17.868 W
GIB	13:21:43.670	9:21:44	Search	191.625	248.643	25200			38.5989	-78.7464	38 35 55.864 N	078 44 47.014 W
PLA	13:21:48.205	9:21:48	Search	51.250	251.807				38.6109	-78.7376	38 36 39.372 N	078 44 15.538 W
OCA	13:21:48.405	9:21:48	Search	168.250	309.990	20400			38.5993	-78.7526	38 35 57.576 N	078 45 09.394 W
GIB	13:21:55.725	9:21:56	Search	190.000	248.643				38.6101	-78.7138	38 36 36.365 N	078 42 49.701 W
PLA	13:22:00.135	9:22:00	Search	49.625	251.455				38.6149	-78.7028	38 36 53.600 N	078 42 10.197 W
OCA	13:22:00.490	9:22:00	Search	167.000	310.254	20800			38.5964	-78.7216	38 35 47.020 N	078 43 17.623 W
GIB	13:22:07.745	9:22:08	Search	188.500	248.555				38.6158	-78.6821	38 36 56.743 N	078 40 55.674 W
PLA	13:22:12.085	9:22:12	Search	48.125	251.367				38.6219	-78.6722	38 37 18.991 N	078 40 19.847 W
OCA	13:22:12.440	9:22:12	Search	165.875	310.605	17600			38.5981	-78.6897	38 35 53.326 N	078 41 22.952 W

This document was originally created by the USAF 84 RADES (Radar Evaluation Squadron) as an Excel spreadsheet titled "Radar Data All 4 Events.xls," which was distributed in a CD-ROM that is now available in .iso format by downloading both .rar files at <http://www.megaupload.com/?d=CIRSUZJ9> and <http://www.megaupload.com/?d=8AT86CJW> . 84 RADES home page: <http://www.rades.hill.af.mil/>

<http://www.911conspiracy.tv>

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
GIB	13:22:19.710	9:22:20	Search	187.000	248.379				38.6171	-78.6480	38 37 01.627 N	078 38 52.850 W
PLA	13:22:23.925	9:22:24	Search	46.625	250.752				38.6223	-78.6385	38 37 20.309 N	078 38 18.735 W
OCA	13:22:24.890	9:22:25	Search	164.875	311.221	17600			38.6105	-78.6494	38 36 37.769 N	078 38 57.720 W
GIB	13:22:31.795	9:22:32	Search	185.500	248.203				38.6186	-78.6139	38 37 07.023 N	078 36 50.185 W
PLA	13:22:35.775	9:22:36	Search	45.125	250.312				38.6254	-78.6060	38 37 31.307 N	078 36 21.763 W
OCA	13:22:36.970	9:22:37	Search	163.750	311.748	18400			38.6177	-78.6103	38 37 03.865 N	078 36 37.143 W
GIB	13:22:43.710	9:22:44	Search	184.000	247.939				38.6160	-78.5774	38 36 57.503 N	078 34 38.798 W
PLA	13:22:47.720	9:22:48	Search	43.500	249.785				38.6285	-78.5707	38 37 42.524 N	078 34 14.447 W
OCA	13:22:48.915	9:22:49	Search	162.750	312.100	16000			38.6198	-78.5806	38 37 11.432 N	078 34 50.139 W
GIB	13:22:55.765	9:22:56	Search	182.375	247.852				38.6229	-78.5435	38 37 22.449 N	078 32 36.624 W
PLA	13:22:59.670	9:23:00	Search	42.000	249.346				38.6323	-78.5384	38 37 56.345 N	078 32 18.357 W
OCA	13:23:00.865	9:23:01	Search	161.625	312.451	16000			38.6202	-78.5487	38 37 12.625 N	078 32 55.199 W
GIB	13:23:07.805	9:23:08	Search	181.000	247.676				38.6240	-78.5120	38 37 26.272 N	078 30 43.161 W
PLA	13:23:11.485	9:23:11	Search	40.500	248.643				38.6336	-78.5048	38 38 01.084 N	078 30 17.431 W
OCA	13:23:12.880	9:23:13	Search	160.625	312.891	16400			38.6247	-78.5153	38 37 28.876 N	078 30 55.197 W
GIB	13:23:19.875	9:23:20	Search	179.500	247.588				38.6302	-78.4805	38 37 48.711 N	078 28 49.943 W
PLA	13:23:23.345	9:23:23	Search	39.125	248.027				38.6357	-78.4743	38 38 08.455 N	078 28 27.613 W
OCA	13:23:24.830	9:23:25	Search	159.625	313.242	15200			38.6260	-78.4857	38 37 33.487 N	078 29 08.491 W
GIB	13:23:31.640	9:23:32	Search	178.000	247.676				38.6448	-78.4540	38 38 41.153 N	078 27 14.222 W
PLA	13:23:35.290	9:23:35	Search	37.625	247.588				38.6408	-78.4425	38 38 26.877 N	078 26 32.917 W
OCA	13:23:36.915	9:23:37	Search	158.625	313.945	14800			38.6390	-78.4421	38 38 20.291 N	078 26 31.659 W
GIB	13:23:43.805	9:23:44	Search	176.625	247.324				38.6379	-78.4177	38 38 16.389 N	078 25 03.795 W
PLA	13:23:47.235	9:23:47	Search	36.125	246.797				38.6429	-78.4089	38 38 34.391 N	078 24 31.974 W
OCA	13:23:48.935	9:23:49	Search	157.625	314.033	14000			38.6307	-78.4230	38 37 50.643 N	078 25 22.952 W
GIB	13:23:55.860	9:23:56	Search	175.125	247.236				38.6443	-78.3864	38 38 39.646 N	078 23 10.918 W
PLA	13:23:59.075	9:23:59	Search	34.750	246.357				38.6480	-78.3798	38 38 52.881 N	078 22 47.228 W
OCA	13:24:00.880	9:24:01	Search	156.625	314.473	14800			38.6341	-78.3900	38 38 02.718 N	078 23 23.839 W
GIB	13:24:07.770	9:24:08	Search	173.750	246.973	20400			38.6413	-78.3543	38 38 28.797 N	078 21 15.509 W
PLA	13:24:10.915	9:24:11	Search	33.375	245.303				38.6481	-78.3476	38 38 53.029 N	078 20 51.477 W
OCA	13:24:12.935	9:24:13	Search	155.750	315.000	14000			38.6416	-78.3555	38 38 29.684 N	078 21 19.917 W
GIB	13:24:19.820	9:24:20	Search	172.375	246.885				38.6477	-78.3238	38 38 51.783 N	078 19 25.613 W
PLA	13:24:22.865	9:24:23	Search	32.000	244.951				38.6548	-78.3193	38 39 17.408 N	078 19 09.654 W
OCA	13:24:24.915	9:24:25	Search	154.750	315.615	14800			38.6500	-78.3156	38 38 59.947 N	078 18 56.004 W
GIB	13:24:31.800	9:24:32	Search	171.000	246.621	20800			38.6451	-78.2918	38 38 42.190 N	078 17 30.335 W
PLA	13:24:34.689	9:24:35	Search	30.625	243.896				38.6562	-78.2877	38 39 22.461 N	078 17 15.617 W
OCA	13:24:36.810	9:24:37	Search	153.875	315.703	14400			38.6427	-78.2988	38 38 33.553 N	078 17 55.502 W
GIB	13:24:43.845	9:24:44	Search	169.625	246.533				38.6516	-78.2614	38 39 05.798 N	078 15 40.937 W
PLA	13:24:46.615	9:24:47	Search	29.375	242.666				38.6562	-78.2577	38 39 22.226 N	078 15 27.889 W
OCA	13:24:48.755	9:24:49	Search	152.875	316.055	14000			38.6422	-78.2696	38 38 31.862 N	078 16 10.536 W
GIB	13:24:55.760	9:24:56	Search	168.250	246.357	23600			38.6533	-78.2314	38 39 11.882 N	078 13 53.126 W
PLA	13:24:58.495	9:24:58	Search	28.000	242.139				38.6630	-78.2293	38 39 46.939 N	078 13 45.323 W
PLA	13:25:10.435	9:25:10	Search	26.750	240.469				38.6615	-78.1978	38 39 41.514 N	078 11 51.933 W
PLA	13:25:22.275	9:25:22	Search	25.500	239.150				38.6635	-78.1683	38 39 48.557 N	078 10 06.032 W
OCA	13:25:24.720	9:25:25	Search	150.375	317.900	16400			38.6691	-78.1579	38 40 08.858 N	078 09 28.604 W
PLA	13:25:34.100	9:25:34	Search	24.250	238.096				38.6679	-78.1406	38 40 04.613 N	078 08 26.076 W
OCA	13:25:36.800	9:25:37	Search	149.500	317.812	12400			38.6562	-78.1491	38 39 22.300 N	078 08 56.591 W
PLA	13:25:45.935	9:25:46	Search	23.000	236.338				38.6692	-78.1099	38 40 09.112 N	078 06 35.573 W
OCA	13:25:48.825	9:25:49	Search	148.750	318.252				38.6598	-78.1200	38 39 35.226 N	078 07 11.888 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
PLA	13:25:57.895	9:25:58	Search	21.750	234.932				38.6735	-78.0814	38 40 24.640 N	078 04 52.907 W
PLA	13:26:09.760	9:26:10	Search	20.625	233.086				38.6754	-78.0535	38 40 31.536 N	078 03 12.532 W
PLA	13:26:21.580	9:26:22	Search	19.500	231.152				38.6781	-78.0258	38 40 41.262 N	078 01 32.752 W
OCA	13:26:24.770	9:26:25	Search	146.250	319.482	12000			38.6650	-78.0348	38 39 53.968 N	078 02 05.376 W
PLA	13:26:33.420	9:26:33	Search	18.375	228.955				38.6810	-77.9975	38 40 51.526 N	077 59 51.053 W
OCA	13:26:36.705	9:26:37	Search	145.500	320.010	14400			38.6703	-78.0027	38 40 12.953 N	078 00 09.588 W
PLA	13:26:45.355	9:26:45	Search	17.375	226.406				38.6825	-77.9704	38 40 56.945 N	077 58 13.478 W
PLA	13:26:57.070	9:26:57	Search	16.375	223.770				38.6852	-77.9437	38 41 06.590 N	077 56 37.319 W
PLA	13:27:08.910	9:27:09	Search	15.375	220.781				38.6883	-77.9164	38 41 17.858 N	077 54 58.942 W
PLA	13:27:20.665	9:27:21	Search	14.500	217.529				38.6908	-77.8906	38 41 26.721 N	077 53 26.335 W
PLA	13:27:32.610	9:27:33	Search	13.625	213.838				38.6939	-77.8642	38 41 37.924 N	077 51 50.968 W
PLA	13:27:44.225	9:27:44	Search	12.875	209.531				38.6959	-77.8378	38 41 45.079 N	077 50 16.006 W
PLA	13:27:56.060	9:27:56	Search	12.125	204.961				38.6994	-77.8117	38 41 57.933 N	077 48 41.965 W
PLA	13:28:07.730	9:28:08	Search	11.625	199.687				38.7003	-77.7862	38 42 00.965 N	077 47 10.182 W
PLA	13:28:19.440	9:28:19	Search	11.125	193.799				38.7027	-77.7594	38 42 09.653 N	077 45 33.664 W
PLA	13:28:31.175	9:28:31	Search	10.750	187.998				38.7054	-77.7348	38 42 19.302 N	077 44 05.222 W
PLA	13:28:42.925	9:28:43	Search	10.375	182.021				38.7100	-77.7108	38 42 36.026 N	077 42 38.943 W
PLA	13:28:54.660	9:28:55	Search	10.125	175.869				38.7145	-77.6876	38 42 52.266 N	077 41 15.318 W
PLA	13:29:06.345	9:29:06	Search	10.000	169.717				38.7188	-77.6652	38 43 07.810 N	077 39 54.719 W
PLA	13:29:17.990	9:29:18	Search	9.875	163.564				38.7250	-77.6438	38 43 29.831 N	077 38 37.701 W
PLA	13:29:29.705	9:29:30	Search	9.750	158.115				38.7320	-77.6260	38 43 55.208 N	077 37 33.556 W
PLA	13:29:41.460	9:29:41	Search	9.875	151.260				38.7384	-77.6023	38 44 18.349 N	077 36 08.439 W
PLA	13:30:04.820	9:30:05	Search	10.125	137.988				38.7572	-77.5593	38 45 26.014 N	077 33 33.347 W
PLA	13:30:16.555	9:30:17	Search	10.375	131.309				38.7684	-77.5376	38 46 06.174 N	077 32 15.479 W
PLA	13:30:28.180	9:30:28	Search	10.750	125.332				38.7788	-77.5168	38 46 43.773 N	077 31 00.597 W
PLA	13:30:39.895	9:30:40	Search	11.125	120.234				38.7890	-77.4989	38 47 20.396 N	077 29 56.001 W
PLA	13:30:51.670	9:30:52	Search	11.625	115.400				38.7992	-77.4799	38 47 57.031 N	077 28 47.668 W
PLA	13:31:03.465	9:31:03	Search	12.125	110.391				38.8118	-77.4615	38 48 42.451 N	077 27 41.232 W
PLA	13:31:15.300	9:31:15	Search	12.750	106.699				38.8211	-77.4434	38 49 15.844 N	077 26 36.067 W
PLA	13:31:27.050	9:31:27	Search	13.500	102.832				38.8321	-77.4230	38 49 55.483 N	077 25 22.895 W
PLA	13:31:50.720	9:31:51	Search	15.250	97.998				38.8465	-77.3816	38 50 47.542 N	077 22 53.665 W
PLA	13:32:02.545	9:32:03	Search	16.375	96.240				38.8522	-77.3564	38 51 07.756 N	077 21 23.169 W
PLA	13:32:14.410	9:32:14	Search	17.500	95.625				38.8532	-77.3322	38 51 11.346 N	077 19 55.748 W
PLA	13:32:26.360	9:32:26	Search	18.500	94.834				38.8557	-77.3104	38 51 20.452 N	077 18 37.465 W
PLA	13:32:38.185	9:32:38	Search	19.625	94.307				38.8570	-77.2862	38 51 25.252 N	077 17 10.224 W
PLA	13:32:50.155	9:32:50	Search	20.875	93.779				38.8585	-77.2593	38 51 30.751 N	077 15 33.408 W
PLA	13:33:02.100	9:33:02	Search	22.000	93.604				38.8583	-77.2352	38 51 30.000 N	077 14 06.858 W
PLA	13:33:14.055	9:33:14	Search	23.125	93.779				38.8559	-77.2114	38 51 21.154 N	077 12 41.035 W
GIB	13:33:19.515	9:33:20	Search	119.500	241.611				38.8564	-77.1944	38 51 23.140 N	077 11 39.704 W
PLA	13:33:25.855	9:33:26	Search	24.250	93.691				38.8552	-77.1874	38 51 18.554 N	077 11 14.637 W
GIB	13:33:31.450	9:33:31	Search	118.625	241.260				38.8531	-77.1706	38 51 11.216 N	077 10 14.004 W
PLA	13:33:37.805	9:33:38	Search	25.250	93.604				38.8546	-77.1660	38 51 16.657 N	077 09 57.750 W
PLA	13:33:49.630	9:33:50	Search	26.375	93.779				38.8520	-77.1422	38 51 07.159 N	077 08 31.922 W
PLA	13:34:01.720	9:34:02	Search	27.500	94.746				38.8429	-77.1190	38 50 34.532 N	077 07 08.560 W
PLA	13:34:13.575	9:34:14	Search	28.500	96.152				38.8298	-77.0993	38 49 47.420 N	077 05 57.476 W
GIB	13:34:19.480	9:34:19	Search	116.000	239.590				38.8266	-77.0855	38 49 35.753 N	077 05 07.758 W
PLA	13:34:25.500	9:34:25	Search	29.125	97.734				38.8154	-77.0882	38 48 55.290 N	077 05 17.643 W
GIB	13:34:31.430	9:34:31	Search	116.250	238.887	10000			38.8034	-77.0756	38 48 12.329 N	077 04 32.037 W

This document was originally created by the USAF 84 RADES (Radar Evaluation Squadron) as an Excel spreadsheet titled "Radar Data All 4 Events.xls," which was distributed in a CD-ROM that is now available in .iso format by downloading both .rar files at <http://www.megaupload.com/?d=CIRSUZJ9> and <http://www.megaupload.com/?d=8AT86CJW> . 84 RADES home page: <http://www.rades.hill.af.mil/>

<http://www.911conspiracy.tv>

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
PLA	13:34:37.545	9:34:38	Search	29.625	99.668				38.7977	-77.0810	38 47 51.813 N	077 04 51.741 W
GIB	13:34:43.335	9:34:43	Search	116.750	238.535				38.7898	-77.0745	38 47 23.274 N	077 04 28.312 W
PLA	13:34:49.515	9:34:50	Search	29.625	101.777				38.7799	-77.0855	38 46 47.602 N	077 05 07.854 W
PLA	13:35:01.530	9:35:02	Search	29.125	103.711				38.7657	-77.1007	38 45 56.500 N	077 06 02.481 W
PLA	13:35:13.410	9:35:13	Search	28.375	105.205				38.7568	-77.1202	38 45 24.550 N	077 07 12.825 W
PLA	13:35:25.360	9:35:25	Search	27.500	105.557				38.7580	-77.1392	38 45 28.915 N	077 08 21.025 W
PLA	13:35:37.265	9:35:37	Search	26.625	105.820				38.7601	-77.1578	38 45 36.261 N	077 09 28.208 W
PLA	13:35:49.145	9:35:49	Search	26.000	104.678				38.7713	-77.1677	38 46 16.673 N	077 10 03.615 W
PLA	13:36:00.960	9:36:01	Search	25.500	102.832				38.7867	-77.1737	38 47 12.249 N	077 10 25.373 W
PLA	13:36:12.875	9:36:13	Search	25.375	100.635				38.8031	-77.1720	38 48 11.041 N	077 10 19.130 W
PLA	13:36:24.715	9:36:25	Search	25.500	99.141				38.8136	-77.1668	38 48 48.867 N	077 10 00.656 W
PLA	13:36:36.555	9:36:37	Search	26.000	97.031				38.8280	-77.1533	38 49 40.715 N	077 09 12.011 W
PLA	13:36:48.395	9:36:48	Search	26.750	95.801				38.8359	-77.1360	38 50 09.147 N	077 08 09.670 W
PLA	13:37:00.275	9:37:00	Search	27.625	93.779				38.8505	-77.1156	38 51 01.737 N	077 06 56.106 W
PLA	13:37:12.190	9:37:12	Search	28.625	92.900				38.8566	-77.0937	38 51 23.672 N	077 05 37.274 W
PLA	13:37:35.890	9:37:36	Search	30.000	91.055				38.8714	-77.0635	38 52 16.862 N	077 03 48.703 W
PLA	13:37:47.810	9:37:48	Search	30.125	91.406				38.8682	-77.0610	38 52 05.584 N	077 03 39.502 W

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Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
GIB	12:42:48.765	8:42:49	Reinforced	65.250	34.805		1527	1700	40.7154	-74.1379	40 42 55.539 N	074 08 16.485 W
RIV	12:42:59.690	8:43:00	Reinforced	66.250	262.090	2800	1527	2200	40.7176	-74.1255	40 43 03.321 N	074 07 31.839 W
GIB	12:43:00.745	8:43:01	Reinforced	65.875	34.893		1527	2300	40.7229	-74.1282	40 43 22.568 N	074 07 41.525 W
RIV	12:43:11.745	8:43:12	Reinforced	65.875	262.529	3200	1527	2900	40.7269	-74.1190	40 43 36.787 N	074 07 08.439 W
GIB	12:43:12.750	8:43:13	Reinforced	66.500	34.629	3600	1527	3000	40.7344	-74.1258	40 44 03.668 N	074 07 32.727 W
RIV	12:43:23.715	8:43:24	Reinforced	66.000	263.232	3600	1527	3500	40.7400	-74.1242	40 44 23.844 N	074 07 27.024 W
GIB	12:43:24.710	8:43:25	Reinforced	66.875	34.277	3600	1527	3600	40.7434	-74.1284	40 44 36.112 N	074 07 42.290 W
RIV	12:43:35.645	8:43:36	Reinforced	66.500	263.584	4400	1527	4100	40.7456	-74.1362	40 44 44.113 N	074 08 10.213 W
GIB	12:43:36.470	8:43:36	Reinforced	67.000	33.662	6400	1527	4100	40.7518	-74.1399	40 45 06.657 N	074 08 23.525 W
GIB	12:43:48.475	8:43:48	Reinforced	66.750	33.398		1527	4700	40.7512	-74.1486	40 45 04.465 N	074 08 54.792 W
GIB	12:44:00.415	8:44:00	Reinforced	66.375	32.432	6400	1527	5300	40.7563	-74.1737	40 45 22.705 N	074 10 25.181 W
RIV	12:44:11.690	8:44:12	Reinforced	68.750	264.111	6800	1527	6000	40.7513	-74.1867	40 45 04.501 N	074 11 12.019 W
GIB	12:44:12.590	8:44:13	Reinforced	65.875	31.729	7600	1527	6000	40.7565	-74.1946	40 45 23.498 N	074 11 40.525 W
RIV	12:44:23.730	8:44:24	Reinforced	69.625	264.111	7200	1527	6600	40.7495	-74.2057	40 44 58.231 N	074 12 20.409 W
GIB	12:44:24.430	8:44:24	Reinforced	65.250	31.289	6800	1527	6700	40.7521	-74.2112	40 45 07.516 N	074 12 40.452 W
RIV	12:44:35.695	8:44:36	Reinforced	70.500	264.111	7200	1527	7400	40.7478	-74.2246	40 44 51.956 N	074 13 28.716 W
GIB	12:44:36.470	8:44:36	Reinforced	64.750	30.674	8000	1527	7400	40.7510	-74.2300	40 45 03.606 N	074 13 48.167 W
RIV	12:44:47.735	8:44:48	Reinforced	71.375	264.111	9600	1527	8100	40.7460	-74.2436	40 44 45.668 N	074 14 37.039 W
GIB	12:44:48.420	8:44:48	Reinforced	64.250	29.971	8400	1527	8200	40.7505	-74.2506	40 45 01.929 N	074 15 02.186 W
RIV	12:44:59.920	8:45:00	Reinforced	72.250	264.111	9600	1527	8700	40.7443	-74.2626	40 44 39.367 N	074 15 45.385 W
GIB	12:45:00.365	8:45:00	Reinforced	63.750	29.443	9600	1527	8800	40.7482	-74.2673	40 44 53.570 N	074 16 02.328 W
RIV	12:45:11.760	8:45:12	Reinforced	73.125	264.199	10000	1527	9300	40.7444	-74.2819	40 44 39.738 N	074 16 54.779 W
GIB	12:45:12.525	8:45:13	Reinforced	63.250	28.740	10000	1527	9300	40.7473	-74.2876	40 44 50.355 N	074 17 15.385 W
RIV	12:45:23.695	8:45:24	Reinforced	74.000	264.111	10800	1527	9600	40.7408	-74.3006	40 44 26.721 N	074 18 02.162 W
GIB	12:45:24.165	8:45:24	Reinforced	62.875	28.213	10000	1527	9600	40.7465	-74.3027	40 44 47.388 N	074 18 09.848 W
RIV	12:45:35.735	8:45:36	Reinforced	74.875	264.199	11200	1527	9800	40.7409	-74.3199	40 44 27.214 N	074 19 11.733 W
GIB	12:45:36.210	8:45:36	Reinforced	62.375	27.773	10400	1527	9800	40.7430	-74.3172	40 44 34.633 N	074 19 02.002 W
RIV	12:45:47.775	8:45:48	Reinforced	75.750	264.199	11200	1527	9800	40.7391	-74.3390	40 44 20.926 N	074 20 20.307 W
GIB	12:45:48.260	8:45:48	Reinforced	61.875	26.719	10400	1527	9800	40.7444	-74.3445	40 44 39.881 N	074 20 40.234 W
PLA	12:45:57.695	8:45:58	Beacon	190.500	52.910		1527	9800	40.7514	-74.3710	40 45 04.876 N	074 22 15.441 W
RIV	12:45:59.750	8:46:00	Reinforced	76.750	264.287	10800	1527	9800	40.7391	-74.3611	40 44 20.741 N	074 21 39.781 W
GIB	12:46:00.195	8:46:00	Reinforced	61.375	26.016	10400	1527	9800	40.7426	-74.3642	40 44 33.499 N	074 21 51.277 W
RIV	12:46:11.685	8:46:12	Reinforced	77.750	264.375	10400	1527	9900	40.7391	-74.3831	40 44 20.728 N	074 22 59.228 W
GIB	12:46:12.140	8:46:12	Reinforced	60.875	24.961	10800	1527	9900	40.7433	-74.3912	40 44 35.900 N	074 23 28.388 W
PLA	12:46:21.480	8:46:21	Beacon	188.625	52.734		1527	10200	40.7413	-74.4120	40 44 28.690 N	074 24 43.123 W
RIV	12:46:23.740	8:46:24	Reinforced	78.875	264.287	11200	1527	10300	40.7349	-74.4073	40 44 05.605 N	074 24 26.120 W
GIB	12:46:24.090	8:46:24	Reinforced	60.250	24.258	10000	1527	10300	40.7390	-74.4118	40 44 20.569 N	074 24 42.442 W
RIV	12:46:36.090	8:46:36	Beacon	80.000	264.375		1527	10900	40.7347	-74.4320	40 44 04.889 N	074 25 55.174 W
GIB	12:46:36.150	8:46:36	Reinforced	59.750	23.291	11200	1527	10900	40.7383	-74.4365	40 44 17.781 N	074 26 11.576 W
PLA	12:46:45.285	8:46:45	Beacon	186.750	52.383		1527	11400	40.7388	-74.4602	40 44 19.664 N	074 27 36.862 W
RIV	12:46:48.035	8:46:48	Reinforced	81.125	264.375	12400	1527	11500	40.7325	-74.4564	40 43 56.947 N	074 27 23.086 W
GIB	12:46:48.130	8:46:48	Reinforced	59.250	22.236	12400	1527	11600	40.7377	-74.4630	40 44 15.676 N	074 27 46.660 W
GIB	12:47:00.085	8:47:00	Reinforced	58.750	21.270	12400	1527	12200	40.7361	-74.4873	40 44 10.051 N	074 29 14.371 W
RIV	12:47:00.125	8:47:00	Reinforced	82.250	264.551	13200	1527	12100	40.7345	-74.4815	40 44 04.023 N	074 28 53.310 W
PLA	12:47:09.070	8:47:09	Reinforced	184.875	51.943		1527	12600	40.7397	-74.5120	40 44 22.959 N	074 30 43.124 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
GIB	12:47:11.890	8:47:12	Reinforced	58.250	20.215	12800	1527	12700	40.7347	-74.5133	40 44 05.008 N	074 30 47.896 W
RIV	12:47:11.940	8:47:12	Reinforced	83.500	264.375	13200	1527	12700	40.7278	-74.5080	40 43 40.118 N	074 30 28.667 W
PLA	12:47:20.935	8:47:21	Beacon	183.875	51.504		1527	13000	40.7488	-74.5480	40 44 55.796 N	074 32 52.899 W
REM	12:47:22.300	8:47:22	Reinforced	160.000	167.959	17200	1527	13000	40.7348	-74.5176	40 44 05.266 N	074 31 03.397 W
GIB	12:47:23.930	8:47:24	Reinforced	57.875	19.248	14000	1527	13100	40.7344	-74.5363	40 44 03.785 N	074 32 10.693 W
RIV	12:47:24.125	8:47:24	Reinforced	84.625	264.639	14800	1527	13100	40.7320	-74.5334	40 43 55.316 N	074 32 00.219 W
REM	12:47:34.345	8:47:34	Reinforced	159.750	168.574	24000	1527	13400	40.7333	-74.5556	40 44 00.018 N	074 33 20.080 W
GIB	12:47:35.995	8:47:36	Reinforced	57.375	18.105	14400	1527	13400	40.7327	-74.5637	40 43 57.618 N	074 33 49.260 W
RIV	12:47:36.060	8:47:36	Reinforced	85.750	264.463	14800	1527	13400	40.7255	-74.5572	40 43 31.917 N	074 33 25.874 W
PLA	12:47:44.800	8:47:45	Reinforced	181.875	51.328		1527	13600	40.7364	-74.5906	40 44 11.135 N	074 35 26.294 W
GIB	12:47:48.035	8:47:48	Reinforced	56.875	17.051	14800	1527	13700	40.7301	-74.5890	40 43 48.195 N	074 35 20.319 W
RIV	12:47:48.095	8:47:48	Reinforced	87.000	264.551	15200	1527	13700	40.7253	-74.5847	40 43 31.037 N	074 35 04.926 W
PLA	12:47:56.730	8:47:57	Beacon	180.875	51.152		1520	13800	40.7339	-74.6155	40 44 01.884 N	074 36 55.870 W
REM	12:47:58.785	8:47:59	Search	159.500	169.365	23200			40.7318	-74.6043	40 43 54.344 N	074 36 15.462 W
GIB	12:47:59.920	8:48:00	Reinforced	56.500	15.820	15200	1527	13800	40.7299	-74.6169	40 43 47.504 N	074 37 00.765 W
RIV	12:48:00.175	8:48:00	Reinforced	88.250	264.639	15200	1527	13800	40.7251	-74.6122	40 43 30.354 N	074 36 44.093 W
PLA	12:48:08.510	8:48:09	Beacon	179.875	50.801		1526	13800	40.7372	-74.6499	40 44 13.997 N	074 38 59.544 W
REM	12:48:10.415	8:48:10	Beacon	159.125	169.980		1107	13800	40.7320	-74.6424	40 43 55.148 N	074 38 32.583 W
GIB	12:48:11.715	8:48:12	Reinforced	56.375	14.590	15200	1527	13800	40.7332	-74.6432	40 43 59.585 N	074 38 35.496 W
RIV	12:48:12.095	8:48:12	Reinforced	89.500	264.902	13200	1527	13800	40.7295	-74.6405	40 43 46.241 N	074 38 25.765 W
PLA	12:48:20.535	8:48:21	Reinforced	179.125	50.537		1527	13800	40.7419	-74.6717	40 44 30.730 N	074 40 18.062 W
GIB	12:48:23.705	8:48:24	Reinforced	56.500	13.271	15200	1527	13800	40.7405	-74.6701	40 44 25.868 N	074 40 12.371 W
RIV	12:48:24.045	8:48:24	Reinforced	90.625	265.342	15600	1527	13800	40.7389	-74.6666	40 44 20.192 N	074 39 59.899 W
PLA	12:48:32.290	8:48:32	Beacon	178.625	50.098		1527	14000	40.7548	-74.6988	40 45 17.384 N	074 41 55.607 W
REM	12:48:34.610	8:48:35	Reinforced	157.875	170.684	17200	1527	14000	40.7474	-74.6889	40 44 50.467 N	074 41 19.918 W
GIB	12:48:35.725	8:48:36	Reinforced	56.750	11.953	15600	1527	14000	40.7494	-74.6967	40 44 57.711 N	074 41 48.211 W
RIV	12:48:36.200	8:48:36	Reinforced	91.750	265.605	16000	1527	14000	40.7440	-74.6921	40 44 38.386 N	074 41 31.511 W
PLA	12:48:44.210	8:48:44	Beacon	178.125	49.834		1527	14300	40.7604	-74.7185	40 45 37.528 N	074 43 06.758 W
REM	12:48:46.555	8:48:47	Reinforced	157.000	170.947	16400	1527	14400	40.7600	-74.7075	40 45 35.857 N	074 42 27.017 W
GIB	12:48:47.670	8:48:48	Reinforced	57.125	10.811	15600	1527	14400	40.7592	-74.7195	40 45 33.212 N	074 43 10.059 W
RIV	12:48:48.170	8:48:48	Reinforced	92.750	266.045	16000	1527	14400	40.7541	-74.7153	40 45 14.907 N	074 42 55.241 W
PLA	12:48:56.160	8:48:56	Beacon	177.625	49.395		1527	14700	40.7730	-74.7458	40 46 22.821 N	074 44 44.807 W
DAN	12:48:57.365	8:48:57	Beacon	172.500	129.639		1527	14800	40.7678	-74.7422	40 46 04.165 N	074 44 31.836 W
REM	12:48:58.617	8:48:59	Reinforced	156.250	171.299	16400	1527	14800	40.7700	-74.7308	40 46 11.985 N	074 43 50.815 W
GIB	12:48:59.730	8:49:00	Reinforced	57.500	9.668	16000	1527	14800	40.7688	-74.7426	40 46 07.525 N	074 44 33.423 W
RIV	12:49:00.215	8:49:00	Reinforced	93.875	266.572	15200	1527	14800	40.7668	-74.7415	40 46 00.328 N	074 44 29.467 W
PLA	12:49:08.075	8:49:08	Beacon	177.125	49.131		1527	15100	40.7783	-74.7656	40 46 42.031 N	074 45 56.122 W
REM	12:49:10.575	8:49:11	Beacon	155.500	171.650		1527	15200	40.7801	-74.7539	40 46 48.526 N	074 45 13.984 W
GIB	12:49:11.495	8:49:11	Reinforced	58.000	8.437	16400	1527	15200	40.7802	-74.7677	40 46 48.841 N	074 46 03.725 W
RIV	12:49:12.270	8:49:12	Reinforced	94.875	266.836	16800	1527	15200	40.7726	-74.7641	40 46 21.445 N	074 45 50.752 W
PLA	12:49:20.020	8:49:20	Reinforced	176.750	48.779		1527	15500	40.7884	-74.7870	40 47 18.205 N	074 47 13.361 W
REM	12:49:22.525	8:49:23	Reinforced	154.750	172.090	17200	1527	15600	40.7899	-74.7820	40 47 23.583 N	074 46 55.093 W
GIB	12:49:23.440	8:49:23	Beacon	58.375	7.295		1527	15600	40.7891	-74.7917	40 47 20.603 N	074 47 30.291 W
RIV	12:49:24.125	8:49:24	Reinforced	96.000	267.451	17200	1527	15600	40.7883	-74.7903	40 47 17.792 N	074 47 25.118 W
DAN	12:49:27.760	8:49:28	Beacon	169.375	129.814		1527	15700	40.7947	-74.7992	40 47 40.749 N	074 47 57.013 W
PLA	12:49:31.875	8:49:32	Reinforced	176.000	48.076		1527	15900	40.8081	-74.8301	40 48 29.207 N	074 49 48.272 W
REM	12:49:34.665	8:49:35	Reinforced	154.250	172.617	22400	1527	15900	40.7952	-74.8143	40 47 42.559 N	074 48 51.484 W
GIB	12:49:35.550	8:49:36	Beacon	58.625	5.977		1527	16000	40.7958	-74.8204	40 47 44.770 N	074 49 13.458 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	12:49:36.145	8:49:36	Reinforced	97.125	267.539	17200	1527	16000	40.7895	-74.8151	40 47 22.088 N	074 48 54.368 W
DAN	12:49:37.575	8:49:38	Reinforced	168.500	129.990		1527	16100	40.7980	-74.8211	40 47 52.680 N	074 49 15.962 W
PLA	12:49:43.820	8:49:44	Beacon	175.250	48.076		1527	16200	40.8000	-74.8427	40 48 00.135 N	074 50 33.726 W
REM	12:49:46.610	8:49:47	Reinforced	153.875	172.969	19200	1527	16300	40.7995	-74.8359	40 47 58.221 N	074 50 09.157 W
GIB	12:49:47.510	8:49:48	Reinforced	58.625	4.834	17600	1527	16300	40.7976	-74.8459	40 47 51.309 N	074 50 45.280 W
DAN	12:49:47.920	8:49:48	Beacon	167.625	130.254		1527	16400	40.7982	-74.8467	40 47 53.426 N	074 50 48.294 W
RIV	12:49:48.120	8:49:48	Reinforced	98.500	267.803	17600	1527	16300	40.7955	-74.8458	40 47 43.668 N	074 50 44.917 W
PLA	12:49:55.680	8:49:56	Reinforced	174.250	47.725		1527	16600	40.8029	-74.8747	40 48 10.292 N	074 52 28.880 W
DAN	12:49:57.935	8:49:58	Beacon	166.750	130.430		1527	16600	40.8017	-74.8685	40 48 05.972 N	074 52 06.774 W
REM	12:49:58.463	8:49:58	Reinforced	153.750	173.496	19600	1527	16600	40.7989	-74.8670	40 47 56.174 N	074 52 01.326 W
GIB	12:49:59.475	8:49:59	Reinforced	58.625	3.516	18000	1527	16700	40.7992	-74.8754	40 47 57.065 N	074 52 31.420 W
RIV	12:50:00.140	8:50:00	Reinforced	99.750	267.891	18000	1527	16700	40.7967	-74.8733	40 47 48.103 N	074 52 24.016 W
PLA	12:50:07.615	8:50:08	Reinforced	173.375	47.373		1527	16800	40.8068	-74.9045	40 48 24.560 N	074 54 16.257 W
DAN	12:50:08.065	8:50:08	Beacon	165.875	130.693		1527	16800	40.8021	-74.8941	40 48 07.550 N	074 53 38.637 W
REM	12:50:10.515	8:50:11	Reinforced	153.500	174.023	20000	1527	16800	40.8006	-74.8984	40 48 02.318 N	074 53 54.406 W
GIB	12:50:11.375	8:50:11	Reinforced	58.625	2.285	18400	1527	16800	40.8002	-74.9029	40 48 00.884 N	074 54 10.606 W
RIV	12:50:12.180	8:50:12	Reinforced	101.000	267.803	18400	1527	16800	40.7928	-74.9005	40 47 34.186 N	074 54 01.762 W
PLA	12:50:19.565	8:50:20	Reinforced	172.375	47.197		1527	16900	40.8026	-74.9287	40 48 09.239 N	074 55 43.419 W
REM	12:50:22.670	8:50:23	Reinforced	153.250	174.375	20400	1527	16900	40.8033	-74.9195	40 48 11.811 N	074 55 10.270 W
GIB	12:50:23.260	8:50:23	Reinforced	58.750	1.055	18000	1527	16900	40.8029	-74.9305	40 48 10.569 N	074 55 49.693 W
RIV	12:50:24.155	8:50:24	Reinforced	102.250	268.066	18400	1527	16900	40.7993	-74.9285	40 47 57.578 N	074 55 42.546 W
PLA	12:50:31.390	8:50:31	Reinforced	171.500	46.758		1527	16800	40.8095	-74.9622	40 48 34.095 N	074 57 44.004 W
REM	12:50:34.620	8:50:35	Reinforced	153.125	174.902	20000	1527	16800	40.8032	-74.9506	40 48 11.653 N	074 57 02.006 W
GIB	12:50:35.325	8:50:35	Reinforced	58.750	359.561	18400	1527	16800	40.8031	-74.9640	40 48 11.124 N	074 57 50.547 W
RIV	12:50:36.205	8:50:36	Reinforced	103.625	268.154	18400	1527	16800	40.8006	-74.9588	40 48 02.185 N	074 57 31.784 W
DAN	12:50:38.370	8:50:38	Beacon	163.375	131.396		1527	16800	40.8058	-74.9644	40 48 20.799 N	074 57 51.899 W
PLA	12:50:43.335	8:50:43	Beacon	170.625	46.318		1527	16800	40.8161	-74.9957	40 48 57.887 N	074 59 44.547 W
REM	12:50:46.670	8:50:47	Reinforced	152.875	175.518	19200	1527	16800	40.8052	-74.9869	40 48 18.705 N	074 59 12.871 W
GIB	12:50:47.345	8:50:47	Reinforced	58.875	358.418	18400	1527	16800	40.8048	-74.9898	40 48 17.375 N	074 59 23.230 W
RIV	12:50:48.165	8:50:48	Beacon	104.875	268.242		1527	16800	40.8021	-74.9864	40 48 07.446 N	074 59 11.110 W
DAN	12:50:48.400	8:50:48	Reinforced	162.500	131.836		1527	16800	40.8019	-74.9989	40 48 06.866 N	074 59 56.035 W
PLA	12:50:55.215	8:50:55	Reinforced	169.750	46.055		1527	16900	40.8160	-75.0215	40 48 57.517 N	075 01 17.348 W
DAN	12:50:58.650	8:50:59	Beacon	161.625	132.012		1527	16900	40.8048	-75.0186	40 48 17.154 N	075 01 07.045 W
REM	12:50:58.720	8:50:59	Reinforced	152.750	176.045	19600	1527	16900	40.8056	-75.0179	40 48 20.264 N	075 01 04.330 W
GIB	12:50:59.385	8:50:59	Reinforced	59.000	357.100	18400	1527	17000	40.8060	-75.0196	40 48 21.543 N	075 01 10.514 W
RIV	12:51:00.190	8:51:00	Reinforced	106.125	268.242	17600	1527	17000	40.8009	-75.0138	40 48 03.169 N	075 00 49.606 W
PLA	12:51:07.130	8:51:07	Reinforced	168.875	45.967		1527	17200	40.8093	-75.0396	40 48 33.625 N	075 02 22.416 W
DAN	12:51:08.660	8:51:09	Reinforced	160.875	132.100		1527	17300	40.8105	-75.0343	40 48 37.719 N	075 02 03.474 W
REM	12:51:10.770	8:51:11	Reinforced	152.500	176.309	19600	1527	17400	40.8091	-75.0336	40 48 32.734 N	075 02 00.949 W
GIB	12:51:11.255	8:51:11	Reinforced	59.250	355.957	18800	1527	17400	40.8089	-75.0457	40 48 31.970 N	075 02 44.547 W
RIV	12:51:12.255	8:51:12	Reinforced	107.500	268.330	18800	1527	17400	40.8023	-75.0441	40 48 08.318 N	075 02 38.587 W
DAN	12:51:18.790	8:51:19	Reinforced	160.000	132.275		1527	18000	40.8147	-75.0557	40 48 53.082 N	075 03 20.488 W
PLA	12:51:19.075	8:51:19	Reinforced	168.000	45.527		1527	18000	40.8153	-75.0730	40 48 54.963 N	075 04 22.636 W
REM	12:51:22.820	8:51:23	Reinforced	152.375	176.660	19200	1527	18200	40.8103	-75.0542	40 48 37.232 N	075 03 15.270 W
GIB	12:51:22.960	8:51:23	Reinforced	59.375	354.814	19600	1527	18300	40.8092	-75.0717	40 48 33.155 N	075 04 18.288 W
RIV	12:51:24.285	8:51:24	Reinforced	108.750	268.330	20000	1527	18300	40.8011	-75.0713	40 48 04.123 N	075 04 16.698 W
PLA	12:51:30.940	8:51:31	Reinforced	167.125	45.176		1527	18900	40.8178	-75.1025	40 49 04.029 N	075 06 08.913 W
REM	12:51:34.870	8:51:35	Reinforced	152.250	177.275	22000	1527	19200	40.8112	-75.0902	40 48 40.140 N	075 05 24.750 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
GIB	12:51:35.015	8:51:35	Reinforced	59.625	353.584	20800	1527	19200	40.8110	-75.1001	40 48 39.711 N	075 06 00.494 W
RIV	12:51:36.130	8:51:36	Reinforced	109.875	268.418	20800	1527	19200	40.8029	-75.0960	40 48 10.424 N	075 05 45.674 W
DAN	12:51:38.965	8:51:39	Reinforced	158.500	132.891		1527	19500	40.8119	-75.1056	40 48 42.975 N	075 06 20.165 W
PLA	12:51:42.885	8:51:43	Reinforced	166.250	45.176		1527	19800	40.8077	-75.1166	40 48 27.838 N	075 06 59.705 W
REM	12:51:46.820	8:51:47	Reinforced	152.250	177.715	21600	1527	20000	40.8104	-75.1158	40 48 37.527 N	075 06 56.872 W
GIB	12:51:46.965	8:51:47	Reinforced	59.750	352.441	21200	1527	20000	40.8105	-75.1263	40 48 37.871 N	075 07 34.783 W
RIV	12:51:48.210	8:51:48	Reinforced	111.125	268.418	19600	1527	20000	40.8017	-75.1233	40 48 06.298 N	075 07 23.823 W
PLA	12:51:54.685	8:51:55	Reinforced	165.250	44.912		1527	20300	40.8055	-75.1441	40 48 19.806 N	075 08 38.699 W
REM	12:51:58.550	8:51:59	Reinforced	152.500	178.242	21600	1527	20400	40.8055	-75.1463	40 48 19.843 N	075 08 46.852 W
GIB	12:51:59.015	8:51:59	Reinforced	59.625	351.299	21600	1527	20400	40.8055	-75.1517	40 48 19.952 N	075 09 06.199 W
DAN	12:51:59.130	8:51:59	Reinforced	157.375	133.418		1527	20400	40.8081	-75.1457	40 48 29.029 N	075 08 44.452 W
RIV	12:52:00.145	8:52:00	Reinforced	112.375	268.418	21600	1527	20400	40.8006	-75.1506	40 48 02.140 N	075 09 02.200 W
PLA	12:52:06.635	8:52:07	Reinforced	164.125	44.648		1527	20600	40.8017	-75.1735	40 48 06.074 N	075 10 24.443 W
DAN	12:52:09.365	8:52:09	Reinforced	157.000	133.857		1527	20600	40.7984	-75.1703	40 47 54.226 N	075 10 13.006 W
REM	12:52:10.815	8:52:11	Reinforced	153.000	178.770	23200	1527	20600	40.7966	-75.1769	40 47 47.808 N	075 10 36.795 W
GIB	12:52:10.960	8:52:11	Reinforced	59.250	350.156	22400	1527	20600	40.7961	-75.1760	40 47 45.982 N	075 10 33.510 W
RIV	12:52:12.105	8:52:12	Reinforced	113.500	268.154	22000	1527	20700	40.7909	-75.1745	40 47 27.104 N	075 10 28.368 W
PLA	12:52:18.520	8:52:19	Reinforced	162.875	44.561		1527	20800	40.7903	-75.1971	40 47 24.952 N	075 11 49.512 W
DAN	12:52:19.500	8:52:20	Beacon	156.750	134.209		1527	20800	40.7902	-75.1892	40 47 24.687 N	075 11 21.230 W
REM	12:52:22.765	8:52:23	Beacon	153.625	178.770		1527	20800	40.7862	-75.1766	40 47 10.381 N	075 10 35.779 W
GIB	12:52:22.895	8:52:23	Reinforced	58.750	349.102	22400	1527	20800	40.7846	-75.1973	40 47 04.425 N	075 11 50.421 W
RIV	12:52:24.145	8:52:24	Reinforced	114.625	267.803	23200	1527	20900	40.7780	-75.1982	40 46 40.915 N	075 11 53.413 W
DAN	12:52:29.530	8:52:30	Reinforced	156.500	134.473		1527	21000	40.7849	-75.2044	40 47 05.496 N	075 12 15.927 W
PLA	12:52:30.445	8:52:30	Reinforced	161.625	44.561		1527	21000	40.7758	-75.2169	40 46 32.913 N	075 13 00.802 W
REM	12:52:34.810	8:52:35	Reinforced	154.250	179.297	23200	1527	21100	40.7754	-75.2074	40 46 31.616 N	075 12 26.759 W
GIB	12:52:34.895	8:52:35	Reinforced	58.375	347.783	22800	1527	21100	40.7738	-75.2245	40 46 25.758 N	075 13 28.311 W
RIV	12:52:36.185	8:52:36	Reinforced	115.750	267.627	22800	1527	21100	40.7709	-75.2222	40 46 15.142 N	075 13 20.023 W
DAN	12:52:39.750	8:52:40	Beacon	156.250	134.912		1527	21200	40.7741	-75.2272	40 46 26.725 N	075 13 38.073 W
PLA	12:52:42.260	8:52:42	Reinforced	160.375	44.209		1527	21300	40.7731	-75.2517	40 46 23.259 N	075 15 06.066 W
REM	12:52:46.760	8:52:47	Reinforced	154.875	179.561	23600	1527	21500	40.7650	-75.2229	40 45 53.861 N	075 13 22.398 W
GIB	12:52:46.840	8:52:47	Reinforced	58.125	346.553	23200	1527	21500	40.7650	-75.2499	40 45 53.977 N	075 14 59.800 W
RIV	12:52:48.160	8:52:48	Reinforced	117.000	267.187	23600	1527	21500	40.7545	-75.2481	40 45 16.201 N	075 14 52.989 W
DAN	12:52:49.780	8:52:50	Reinforced	155.875	135.439		1527	21600	40.7623	-75.2559	40 45 44.261 N	075 15 21.077 W
PLA	12:52:54.125	8:52:54	Reinforced	159.125	44.297		1527	21700	40.7556	-75.2676	40 45 20.297 N	075 16 03.537 W
GIB	12:52:58.785	8:52:59	Reinforced	57.750	345.322	24000	1527	21900	40.7538	-75.2743	40 45 13.502 N	075 16 27.386 W
REM	12:52:58.810	8:52:59	Reinforced	155.625	180.176	24800	1527	21900	40.7524	-75.2594	40 45 08.789 N	075 15 33.755 W
DAN	12:52:59.895	8:53:00	Reinforced	155.625	135.791		1527	22000	40.7546	-75.2750	40 45 16.460 N	075 16 29.950 W
RIV	12:53:00.200	8:53:00	Beacon	118.250	267.012		1527	21900	40.7468	-75.2747	40 44 48.647 N	075 16 28.846 W
PLA	12:53:06.160	8:53:06	Reinforced	157.875	44.121		1527	22200	40.7469	-75.2948	40 44 48.682 N	075 17 41.195 W
DAN	12:53:10.045	8:53:10	Beacon	155.375	136.143		1527	22400	40.7470	-75.2942	40 44 49.033 N	075 17 38.941 W
GIB	12:53:10.730	8:53:11	Reinforced	57.375	344.004	24400	1527	22400	40.7417	-75.2999	40 44 30.174 N	075 17 59.785 W
REM	12:53:10.755	8:53:11	Reinforced	156.250	180.879	24800	1527	22400	40.7424	-75.3014	40 44 32.504 N	075 18 05.089 W
RIV	12:53:12.155	8:53:12	Reinforced	119.500	266.748	24000	1527	22400	40.7360	-75.3009	40 44 09.670 N	075 18 03.242 W
PLA	12:53:18.030	8:53:18	Reinforced	156.625	44.121		1527	22700	40.7322	-75.3144	40 43 56.075 N	075 18 51.963 W
DAN	12:53:20.055	8:53:20	Reinforced	155.125	136.494		1527	22800	40.7394	-75.3133	40 44 21.981 N	075 18 48.047 W
GIB	12:53:22.570	8:53:23	Reinforced	57.125	342.686	24800	1527	22800	40.7313	-75.3259	40 43 52.600 N	075 19 33.156 W
REM	12:53:22.810	8:53:23	Reinforced	156.875	181.143	24800	1527	22800	40.7322	-75.3174	40 43 55.898 N	075 19 02.720 W
RIV	12:53:24.305	8:53:24	Reinforced	120.625	266.484	24400	1527	22900	40.7252	-75.3243	40 43 30.685 N	075 19 27.502 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
DAN	12:53:30.195	8:53:30	Reinforced	154.875	136.934		1527	23100	40.7294	-75.3365	40 43 45.816 N	075 20 11.239 W
GIB	12:53:34.620	8:53:35	Reinforced	56.875	341.367	25200	1527	23300	40.7204	-75.3514	40 43 13.416 N	075 21 04.862 W
REM	12:53:34.765	8:53:35	Reinforced	157.625	181.494	24400	1527	0	40.7202	-75.3389	40 43 12.887 N	075 20 20.047 W
RIV	12:53:36.265	8:53:36	Reinforced	121.875	266.309	25600	1527	23300	40.7171	-75.3508	40 43 01.513 N	075 21 02.745 W
DAN	12:53:40.330	8:53:40	Reinforced	154.625	137.461		1527	23500	40.7169	-75.3636	40 43 00.888 N	075 21 48.789 W
PLA	12:53:41.715	8:53:42	Reinforced	154.000	42.891		1527	23600	40.7405	-75.4069	40 44 25.826 N	075 24 24.774 W
PLA	12:53:41.795	8:53:42	Beacon	154.625	44.209		1527	0	40.7055	-75.3429	40 42 19.836 N	075 20 34.571 W
GIB	12:53:46.415	8:53:46	Reinforced	56.750	339.961	25600	1527	23700	40.7106	-75.3791	40 42 38.047 N	075 22 44.759 W
REM	12:53:46.815	8:53:47	Reinforced	158.250	182.109	24800	1527	23700	40.7106	-75.3764	40 42 38.132 N	075 22 35.148 W
RIV	12:53:48.290	8:53:48	Reinforced	123.125	265.869	25600	1527	23800	40.6995	-75.3759	40 41 58.069 N	075 22 33.273 W
DAN	12:53:50.475	8:53:50	Reinforced	154.500	137.725		1527	23900	40.7108	-75.3772	40 42 38.775 N	075 22 37.780 W
PLA	12:53:53.765	8:53:54	Reinforced	152.750	43.682		1527	24000	40.7008	-75.3933	40 42 02.997 N	075 23 35.886 W
GIB	12:53:58.570	8:53:59	Reinforced	56.500	338.643	26000	1527	24200	40.6988	-75.4037	40 41 55.724 N	075 24 13.188 W
REM	12:53:59.084	8:53:59	Reinforced	159.000	182.900	25600	1527	24200	40.6997	-75.4250	40 41 58.883 N	075 25 30.037 W
RIV	12:54:00.335	8:54:00	Reinforced	124.375	265.693	25200	1527	24200	40.6910	-75.4022	40 41 27.624 N	075 24 07.972 W
DAN	12:54:00.595	8:54:01	Reinforced	154.125	138.252		1527	24300	40.7002	-75.4062	40 42 00.707 N	075 24 22.245 W
PLA	12:54:05.575	8:54:06	Reinforced	151.500	43.330		1527	24500	40.6970	-75.4272	40 41 49.307 N	075 25 37.821 W
GIB	12:54:10.560	8:54:11	Reinforced	56.625	337.324	26400	1527	24600	40.6924	-75.4310	40 41 32.813 N	075 25 51.458 W
DAN	12:54:10.740	8:54:11	Reinforced	153.750	138.516		1527	24600	40.6974	-75.4234	40 41 50.646 N	075 25 24.104 W
REM	12:54:11.030	8:54:11	Reinforced	159.500	182.725	26000	1527	24600	40.6910	-75.4148	40 41 27.705 N	075 24 53.430 W
REM	12:54:11.125	8:54:11	Search	159.500	182.900	26400			40.6916	-75.4255	40 41 29.936 N	075 25 31.885 W
RIV	12:54:11.965	8:54:12	Reinforced	125.750	265.693	25600	1527	24600	40.6886	-75.4321	40 41 18.886 N	075 25 55.564 W
PLA	12:54:17.505	8:54:18	Reinforced	150.375	43.154		0	24800	40.6888	-75.4521	40 41 19.607 N	075 27 07.731 W
DAN	12:54:20.770	8:54:21	Reinforced	153.125	139.043		1527	24900	40.6904	-75.4559	40 41 25.450 N	075 27 21.286 W
GIB	12:54:22.400	8:54:22	Reinforced	57.000	336.094	26800	1527	25000	40.6900	-75.4586	40 41 23.952 N	075 27 31.059 W
REM	12:54:23.085	8:54:23	Reinforced	159.750	183.252	26400	1527	25000	40.6881	-75.4472	40 41 17.307 N	075 26 50.001 W
RIV	12:54:24.230	8:54:24	Reinforced	127.000	265.693	26000	1527	25000	40.6864	-75.4593	40 41 10.920 N	075 27 33.343 W
PLA	12:54:29.488	8:54:29	Reinforced	149.375	43.066		1527	25200	40.6799	-75.4707	40 40 47.470 N	075 28 14.695 W
DAN	12:54:30.890	8:54:31	Reinforced	152.625	139.395		1527	25200	40.6870	-75.4788	40 41 13.128 N	075 28 43.555 W
GIB	12:54:34.350	8:54:34	Reinforced	57.375	334.687	27200	1527	25300	40.6858	-75.4899	40 41 08.765 N	075 29 23.475 W
REM	12:54:35.015	8:54:35	Reinforced	160.000	183.955	58400	1527	25300	40.6860	-75.4904	40 41 09.560 N	075 29 25.454 W
RIV	12:54:36.190	8:54:36	Reinforced	128.375	265.605	27200	1527	25300	40.6807	-75.4887	40 40 50.385 N	075 29 19.312 W
DAN	12:54:41.020	8:54:41	Reinforced	152.000	139.746		1527	25500	40.6853	-75.5033	40 41 07.137 N	075 30 11.905 W
PLA	12:54:41.285	8:54:41	Reinforced	148.250	42.363		1527	25600	40.6875	-75.5166	40 41 15.101 N	075 30 59.896 W
GIB	12:54:46.355	8:54:46	Reinforced	57.750	333.457	27200	1527	25700	40.6822	-75.5176	40 40 55.949 N	075 31 03.538 W
REM	12:54:47.065	8:54:47	Reinforced	160.250	184.307	26400	1527	25700	40.6830	-75.5122	40 40 58.847 N	075 30 44.009 W
RIV	12:54:48.255	8:54:48	Reinforced	129.750	265.518	27200	1527	25800	40.6749	-75.5181	40 40 29.585 N	075 31 05.070 W
DAN	12:54:51.170	8:54:51	Reinforced	151.375	140.186		1527	25900	40.6814	-75.5318	40 40 53.064 N	075 31 54.426 W
PLA	12:54:53.165	8:54:53	Reinforced	147.250	42.275		1527	26000	40.6780	-75.5354	40 40 40.958 N	075 32 07.472 W
GIB	12:54:58.195	8:54:58	Reinforced	58.250	332.139	28400	1527	26100	40.6793	-75.5485	40 40 45.358 N	075 32 54.611 W
REM	12:54:59.015	8:54:59	Reinforced	160.625	184.658	28000	1527	26100	40.6781	-75.5343	40 40 41.012 N	075 32 03.528 W
RIV	12:55:00.210	8:55:00	Reinforced	131.125	265.430	27600	1527	26200	40.6690	-75.5474	40 40 08.503 N	075 32 50.812 W
DAN	12:55:01.200	8:55:01	Reinforced	150.875	140.449		1527	26200	40.6808	-75.5505	40 40 50.906 N	075 33 01.970 W
PLA	12:55:05.090	8:55:05	Reinforced	146.125	41.924		1527	26300	40.6747	-75.5667	40 40 28.975 N	075 34 00.084 W
GIB	12:55:10.250	8:55:10	Reinforced	58.750	330.908	28400	1527	26400	40.6764	-75.5778	40 40 35.193 N	075 34 40.001 W
REM	12:55:10.970	8:55:11	Reinforced	160.875	185.361	28000	1527	26500	40.6767	-75.5778	40 40 36.155 N	075 34 39.983 W
DAN	12:55:11.335	8:55:11	Reinforced	150.250	140.889		1527	26500	40.6772	-75.5789	40 40 38.034 N	075 34 44.119 W
RIV	12:55:12.155	8:55:12	Reinforced	132.500	265.518	28000	1527	26500	40.6698	-75.5778	40 40 11.359 N	075 34 40.141 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
PLA	12:55:17.020	8:55:17	Reinforced	145.125	41.836		1527	26600	40.6651	-75.5853	40 39 54.309 N	075 35 07.048 W
DAN	12:55:21.470	8:55:21	Reinforced	149.750	141.152		1527	26700	40.6768	-75.5976	40 40 36.632 N	075 35 51.326 W
GIB	12:55:22.110	8:55:22	Reinforced	59.250	329.678	28400	1527	26700	40.6730	-75.6072	40 40 22.958 N	075 36 25.797 W
REM	12:55:22.930	8:55:23	Reinforced	161.250	185.713	28800	1527	26700	40.6720	-75.6001	40 40 19.319 N	075 36 00.206 W
RIV	12:55:24.195	8:55:24	Reinforced	133.875	265.342	28400	1527	26700	40.6605	-75.6067	40 39 37.727 N	075 36 24.114 W
PLA	12:55:28.860	8:55:29	Reinforced	144.000	41.221		1527	26800	40.6689	-75.6270	40 40 08.058 N	075 37 37.068 W
DAN	12:55:31.685	8:55:32	Beacon	149.125	141.592		1527	26900	40.6736	-75.6259	40 40 24.949 N	075 37 33.080 W
GIB	12:55:34.155	8:55:34	Reinforced	59.875	328.447	28800	1527	26900	40.6709	-75.6381	40 40 15.084 N	075 38 17.220 W
REM	12:55:35.075	8:55:35	Reinforced	161.500	186.328	28000	1527	26900	40.6708	-75.6383	40 40 14.934 N	075 38 17.946 W
RIV	12:55:36.245	8:55:36	Reinforced	135.250	265.254	29200	1527	26900	40.6544	-75.6361	40 39 15.930 N	075 38 09.794 W
PLA	12:55:40.825	8:55:41	Reinforced	143.000	40.957		1527	27100	40.6640	-75.6524	40 39 50.323 N	075 39 08.769 W
DAN	12:55:41.625	8:55:42	Reinforced	148.500	142.031		1527	27100	40.6706	-75.6541	40 40 14.009 N	075 39 14.637 W
GIB	12:55:46.090	8:55:46	Reinforced	60.375	327.217	29200	1527	27200	40.6663	-75.6677	40 39 58.568 N	075 40 03.802 W
REM	12:55:47.110	8:55:47	Reinforced	161.875	186.592	28400	1527	27200	40.6660	-75.6554	40 39 57.512 N	075 39 19.367 W
RIV	12:55:47.990	8:55:48	Reinforced	136.625	265.518	28800	1527	27200	40.6622	-75.6675	40 39 43.792 N	075 40 02.912 W
PLA	12:55:52.665	8:55:53	Reinforced	141.875	40.518		1527	27300	40.6622	-75.6867	40 39 43.948 N	075 41 12.137 W
GIB	12:55:58.080	8:55:58	Reinforced	61.000	326.074	29600	1527	27400	40.6637	-75.6973	40 39 49.362 N	075 41 50.168 W
REM	12:55:59.060	8:55:59	Reinforced	162.250	187.119	29600	1527	27500	40.6626	-75.6887	40 39 45.530 N	075 41 19.408 W
RIV	12:56:00.145	8:56:00	Reinforced	138.125	265.518	29200	1527	27500	40.6594	-75.7001	40 39 33.708 N	075 42 00.233 W
DAN	12:56:01.860	8:56:02	Reinforced	147.375	142.910		1527	98000	40.6774	-75.7220	40 40 38.808 N	075 43 19.160 W
PLA	12:56:04.610	8:56:05	Reinforced	140.875	40.078		1527	0	40.6616	-75.7191	40 39 41.915 N	075 43 08.632 W
GIB	12:56:10.085	8:56:10	Reinforced	61.750	324.844	30000	1527	27700	40.6613	-75.7302	40 39 40.838 N	075 43 48.797 W
REM	12:56:11.110	8:56:11	Reinforced	162.625	187.646	30400	1527	27700	40.6595	-75.7222	40 39 34.332 N	075 43 19.853 W
DAN	12:56:12.100	8:56:12	Reinforced	146.875	143.262		1527	27800	40.6615	-75.7312	40 39 41.247 N	075 43 52.210 W
RIV	12:56:12.185	8:56:12	Reinforced	139.500	265.430	30400	1527	27700	40.6532	-75.7294	40 39 11.685 N	075 43 45.907 W
PLA	12:56:16.435	8:56:16	Reinforced	139.750	39.463		1527	27800	40.6640	-75.7601	40 39 50.332 N	075 45 36.256 W
GIB	12:56:21.970	8:56:22	Reinforced	62.375	323.701	30400	1527	27900	40.6576	-75.7601	40 39 27.258 N	075 45 36.288 W
DAN	12:56:22.140	8:56:22	Reinforced	146.250	143.789		1527	27900	40.6570	-75.7632	40 39 25.315 N	075 45 47.430 W
REM	12:56:23.060	8:56:23	Reinforced	163.000	188.262	30800	1527	27900	40.6572	-75.7612	40 39 26.024 N	075 45 40.185 W
RIV	12:56:24.135	8:56:24	Reinforced	141.000	265.518	32400	1527	27900	40.6540	-75.7626	40 39 14.279 N	075 45 45.186 W
PLA	12:56:28.420	8:56:28	Reinforced	138.750	39.199		1527	28000	40.6582	-75.7850	40 39 29.631 N	075 47 05.942 W
DAN	12:56:32.265	8:56:32	Reinforced	145.750	144.141		1527	28000	40.6554	-75.7855	40 39 19.366 N	075 47 07.878 W
GIB	12:56:34.100	8:56:34	Reinforced	63.125	322.559	30800	1527	28000	40.6549	-75.7918	40 39 17.559 N	075 47 30.309 W
REM	12:56:35.125	8:56:35	Reinforced	163.375	188.701	31200	1527	28000	40.6540	-75.7894	40 39 14.399 N	075 47 21.905 W
RIV	12:56:36.070	8:56:36	Reinforced	142.375	265.430	30800	1527	28000	40.6478	-75.7919	40 38 51.929 N	075 47 30.858 W
PLA	12:56:40.320	8:56:40	Reinforced	137.625	38.936		1527	28000	40.6508	-75.8115	40 39 02.760 N	075 48 41.476 W
DAN	12:56:42.400	8:56:42	Reinforced	145.250	144.492		1527	28000	40.6538	-75.8078	40 39 13.839 N	075 48 28.132 W
GIB	12:56:46.140	8:56:46	Reinforced	63.750	321.504	30400	1527	28000	40.6510	-75.8202	40 39 03.460 N	075 49 12.835 W
REM	12:56:47.070	8:56:47	Reinforced	163.875	189.229	30000	1527	28000	40.6495	-75.8236	40 38 58.208 N	075 49 25.020 W
RIV	12:56:48.245	8:56:48	Reinforced	143.875	265.430	30800	1527	28000	40.6449	-75.8245	40 38 41.565 N	075 49 28.315 W
PLA	12:56:52.180	8:56:52	Reinforced	136.500	38.496		1527	28000	40.6476	-75.8450	40 38 51.395 N	075 50 41.848 W
DAN	12:56:52.530	8:56:53	Reinforced	144.625	144.932		1527	28000	40.6521	-75.8356	40 39 07.582 N	075 50 08.223 W
GIB	12:56:57.995	8:56:58	Reinforced	64.500	320.273	30000	1527	28000	40.6460	-75.8539	40 38 45.561 N	075 51 13.924 W
REM	12:56:59.035	8:56:59	Reinforced	164.250	189.668	31200	1527	28000	40.6466	-75.8521	40 38 47.849 N	075 51 07.493 W
RIV	12:57:00.170	8:57:00	Reinforced	145.375	265.430	30800	1527	28000	40.6420	-75.8572	40 38 31.167 N	075 51 25.761 W
DAN	12:57:02.570	8:57:03	Reinforced	144.125	145.459		1527	28000	40.6468	-75.8659	40 38 48.485 N	075 51 57.155 W
PLA	12:57:04.125	8:57:04	Reinforced	135.500	38.145		1527	28000	40.6436	-75.8730	40 38 36.890 N	075 52 22.669 W
GIB	12:57:09.970	8:57:10	Reinforced	65.375	319.219	30400	1527	28100	40.6440	-75.8861	40 38 38.530 N	075 53 10.091 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
REM	12:57:11.170	8:57:11	Reinforced	164.750	190.107	31600	1527	28200	40.6419	-75.8811	40 38 30.792 N	075 52 51.918 W
RIV	12:57:12.115	8:57:12	Reinforced	146.750	265.166	30400	1527	28200	40.6282	-75.8853	40 37 41.413 N	075 53 06.990 W
DAN	12:57:12.690	8:57:13	Reinforced	143.625	145.898		1527	28200	40.6438	-75.8921	40 38 37.532 N	075 53 31.502 W
PLA	12:57:16.055	8:57:16	Reinforced	134.375	37.617		1527	28300	40.6420	-75.9096	40 38 31.204 N	075 54 34.572 W
GIB	12:57:21.885	8:57:22	Reinforced	66.125	318.076	30800	1527	28500	40.6387	-75.9183	40 38 19.368 N	075 55 06.004 W
DAN	12:57:22.825	8:57:23	Reinforced	143.125	146.162		1527	28500	40.6448	-75.9102	40 38 41.458 N	075 54 36.612 W
REM	12:57:23.115	8:57:23	Reinforced	165.250	190.723	30800	1527	28500	40.6388	-75.9211	40 38 19.785 N	075 55 16.055 W
RIV	12:57:24.170	8:57:24	Reinforced	148.250	265.430	31200	1527	28500	40.6364	-75.9196	40 38 11.175 N	075 55 10.496 W
PLA	12:57:27.895	8:57:28	Reinforced	133.375	37.354		1527	28600	40.6353	-75.9338	40 38 07.230 N	075 56 01.779 W
DAN	12:57:32.860	8:57:33	Reinforced	142.625	146.689		1527	28700	40.6402	-75.9403	40 38 24.608 N	075 56 25.178 W
GIB	12:57:33.855	8:57:34	Reinforced	67.000	317.109	30800	1527	28700	40.6366	-75.9493	40 38 11.843 N	075 56 57.503 W
REM	12:57:35.190	8:57:35	Reinforced	165.625	191.074	30400	1527	28700	40.6358	-75.9444	40 38 08.773 N	075 56 39.958 W
RIV	12:57:36.135	8:57:36	Reinforced	149.750	265.430	29600	1527	28700	40.6335	-75.9522	40 38 00.693 N	075 57 07.775 W
PLA	12:57:39.865	8:57:40	Reinforced	132.375	36.914		1527	28800	40.6327	-75.9649	40 37 57.828 N	075 57 53.640 W
DAN	12:57:43.085	8:57:43	Reinforced	142.000	147.129		1527	28900	40.6394	-75.9678	40 38 21.888 N	075 58 04.206 W
GIB	12:57:45.645	8:57:46	Reinforced	67.875	316.143	31600	1527	29000	40.6339	-75.9804	40 38 02.184 N	075 58 49.573 W
REM	12:57:47.230	8:57:47	Reinforced	166.000	191.602	30800	1527	29000	40.6345	-75.9787	40 38 04.054 N	075 58 43.445 W
RIV	12:57:48.175	8:57:48	Reinforced	151.250	265.342	31200	1527	29000	40.6268	-75.9841	40 37 36.371 N	075 59 02.823 W
PLA	12:57:51.730	8:57:52	Reinforced	131.375	36.387		1527	29100	40.6319	-75.9993	40 37 54.776 N	075 59 57.535 W
DAN	12:57:53.115	8:57:53	Reinforced	141.375	147.568		1527	29200	40.6389	-75.9953	40 38 19.919 N	075 59 42.971 W
GIB	12:57:57.855	8:57:58	Reinforced	69.000	315.264	31200	1527	29300	40.6349	-76.0140	40 38 05.483 N	076 00 50.471 W
REM	12:57:59.295	8:57:59	Reinforced	166.375	192.129	32400	1527	29300	40.6334	-76.0131	40 38 00.204 N	076 00 47.244 W
RIV	12:58:00.245	8:58:00	Reinforced	152.750	265.430	31600	1527	29300	40.6277	-76.0173	40 37 39.642 N	076 01 02.162 W
DAN	12:58:03.350	8:58:03	Reinforced	140.750	148.008		1527	29400	40.6385	-76.0226	40 38 18.609 N	076 01 21.393 W
PLA	12:58:03.630	8:58:04	Reinforced	130.625	35.859		1527	29400	40.6340	-76.0303	40 38 02.483 N	076 01 48.970 W
GIB	12:58:09.890	8:58:10	Reinforced	70.125	314.385	31600	1527	29600	40.6352	-76.0479	40 38 06.590 N	076 02 52.366 W
REM	12:58:11.220	8:58:11	Reinforced	166.500	192.656	32000	1527	29600	40.6366	-76.0464	40 38 11.901 N	076 02 47.207 W
RIV	12:58:12.190	8:58:12	Reinforced	154.125	265.430	32800	1527	29600	40.6250	-76.0471	40 37 29.951 N	076 02 49.557 W
DAN	12:58:13.395	8:58:13	Reinforced	140.000	148.447		1527	29700	40.6401	-76.0513	40 38 24.510 N	076 03 04.532 W
PLA	12:58:15.485	8:58:15	Reinforced	129.875	35.244		1527	29800	40.6378	-76.0646	40 38 16.161 N	076 03 52.733 W
GIB	12:58:21.760	8:58:22	Reinforced	71.375	313.857	32000	1527	30000	40.6416	-76.0775	40 38 29.719 N	076 04 38.919 W
REM	12:58:23.260	8:58:23	Reinforced	166.500	193.096	32400	1527	30000	40.6412	-76.0737	40 38 28.455 N	076 04 25.336 W
DAN	12:58:23.510	8:58:24	Reinforced	139.125	148.711		1527	30100	40.6474	-76.0731	40 38 50.557 N	076 04 23.147 W
RIV	12:58:24.255	8:58:24	Reinforced	155.625	265.693	32400	1527	30000	40.6339	-76.0814	40 38 01.999 N	076 04 53.183 W
PLA	12:58:27.325	8:58:27	Reinforced	129.250	34.629		1527	30200	40.6429	-76.0973	40 38 34.600 N	076 05 50.439 W
DAN	12:58:33.535	8:58:34	Reinforced	138.375	149.326		1527	30400	40.6459	-76.1095	40 38 45.133 N	076 06 34.365 W
GIB	12:58:33.880	8:58:34	Reinforced	72.625	313.242	32800	1527	30400	40.6463	-76.1090	40 38 46.654 N	076 06 32.299 W
REM	12:58:35.340	8:58:35	Reinforced	166.625	193.623	33200	1527	30500	40.6449	-76.1070	40 38 41.746 N	076 06 25.102 W
RIV	12:58:36.270	8:58:36	Reinforced	157.000	265.957	32800	1527	30500	40.6432	-76.1130	40 38 35.680 N	076 06 46.842 W
PLA	12:58:39.255	8:58:39	Reinforced	128.625	34.102		1527	30600	40.6458	-76.1265	40 38 45.012 N	076 07 35.274 W
DAN	12:58:43.760	8:58:44	Reinforced	137.500	149.678		1527	30800	40.6517	-76.1351	40 39 06.084 N	076 08 06.435 W
GIB	12:58:45.810	8:58:46	Reinforced	73.875	312.627	32800	1527	30900	40.6506	-76.1407	40 39 01.981 N	076 08 26.557 W
REM	12:58:47.380	8:58:47	Reinforced	166.625	194.150	34400	1527	30900	40.6509	-76.1396	40 39 03.103 N	076 08 22.509 W
RIV	12:58:48.220	8:58:48	Reinforced	158.375	266.045	32800	1527	30900	40.6448	-76.1434	40 38 41.136 N	076 08 36.370 W
PLA	12:58:51.200	8:58:51	Reinforced	128.125	33.574		1527	31100	40.6502	-76.1540	40 39 00.597 N	076 09 14.317 W
DAN	12:58:53.800	8:58:54	Reinforced	136.750	150.029		1527	31100	40.6558	-76.1592	40 39 20.991 N	076 09 33.173 W
GIB	12:58:57.770	8:58:58	Reinforced	75.125	312.012	33600	1527	31200	40.6544	-76.1727	40 39 15.842 N	076 10 21.890 W
REM	12:58:59.330	8:58:59	Reinforced	166.750	194.590	35200	1527	31300	40.6540	-76.1674	40 39 14.255 N	076 10 02.529 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	12:59:00.265	8:59:00	Reinforced	159.750	266.221	34800	1527	31300	40.6504	-76.1744	40 39 01.424 N	076 10 27.958 W
PLA	12:59:03.030	8:59:03	Reinforced	127.500	32.783		1527	31400	40.6580	-76.1936	40 39 28.782 N	076 11 37.023 W
DAN	12:59:04.045	8:59:04	Reinforced	136.000	150.381		1527	31500	40.6601	-76.1832	40 39 36.468 N	076 10 59.517 W
GIB	12:59:09.745	8:59:10	Reinforced	76.375	311.396	33600	1527	31600	40.6578	-76.2050	40 39 28.068 N	076 12 18.036 W
REM	12:59:11.375	8:59:11	Reinforced	166.750	195.205	35200	1527	31700	40.6614	-76.2053	40 39 40.919 N	076 12 19.058 W
RIV	12:59:12.135	8:59:12	Reinforced	161.125	266.484	34800	1527	31700	40.6603	-76.2060	40 39 36.932 N	076 12 21.501 W
DAN	12:59:14.060	8:59:14	Reinforced	135.125	150.820		1527	31800	40.6648	-76.2123	40 39 53.140 N	076 12 44.437 W
PLA	12:59:14.855	8:59:15	Reinforced	127.000	32.256		1527	31800	40.6617	-76.2211	40 39 42.267 N	076 13 15.821 W
GIB	12:59:21.905	8:59:22	Reinforced	77.750	310.957	34400	1527	32000	40.6651	-76.2363	40 39 54.453 N	076 14 10.545 W
REM	12:59:23.320	8:59:23	Reinforced	166.875	195.557	36000	1527	32100	40.6637	-76.2276	40 39 49.472 N	076 13 39.418 W
RIV	12:59:24.160	8:59:24	Reinforced	162.625	266.484	35600	1527	32100	40.6577	-76.2386	40 39 27.815 N	076 14 18.865 W
DAN	12:59:24.190	8:59:24	Reinforced	134.375	151.172		1527	32100	40.6694	-76.2361	40 40 09.720 N	076 14 09.790 W
PLA	12:59:26.840	8:59:27	Reinforced	126.500	31.729		1527	32200	40.6652	-76.2485	40 39 54.883 N	076 14 54.483 W
GIB	12:59:33.810	8:59:34	Reinforced	79.000	310.430	34400	1527	32400	40.6692	-76.2673	40 40 09.279 N	076 16 02.347 W
DAN	12:59:34.360	8:59:34	Reinforced	133.625	151.611		1527	32400	40.6725	-76.2636	40 40 21.138 N	076 15 49.011 W
REM	12:59:35.490	8:59:35	Reinforced	167.000	195.732	35200	1527	32400	40.6640	-76.2391	40 39 50.318 N	076 14 20.859 W
RIV	12:59:36.020	8:59:36	Reinforced	164.000	266.484	35600	1527	32400	40.6554	-76.2685	40 39 19.425 N	076 16 06.487 W
PLA	12:59:38.700	8:59:39	Reinforced	126.000	30.937		1527	32500	40.6736	-76.2866	40 40 25.086 N	076 17 11.670 W
DAN	12:59:44.385	8:59:44	Reinforced	132.875	151.963		1527	32700	40.6775	-76.2871	40 40 38.833 N	076 17 13.434 W
GIB	12:59:45.775	8:59:46	Reinforced	80.250	310.078	35600	1527	32700	40.6762	-76.2952	40 40 34.239 N	076 17 42.775 W
REM	12:59:47.440	8:59:47	Reinforced	167.125	196.699	35600	1527	32800	40.6746	-76.2992	40 40 28.547 N	076 17 57.242 W
RIV	12:59:48.060	8:59:48	Reinforced	165.375	266.572	37200	1527	32800	40.6573	-76.2989	40 39 26.140 N	076 17 56.056 W
PLA	12:59:50.605	8:59:51	Reinforced	125.500	30.498		1527	32900	40.6749	-76.3103	40 40 29.618 N	076 18 37.155 W
DAN	12:59:54.515	8:59:55	Reinforced	132.125	152.578		1527	33000	40.6780	-76.3223	40 40 40.679 N	076 19 20.178 W
GIB	12:59:57.705	8:59:58	Reinforced	81.500	309.551	35600	1527	33000	40.6796	-76.3267	40 40 46.675 N	076 19 36.106 W
REM	12:59:59.475	8:59:59	Reinforced	167.250	197.051	36400	1527	33100	40.6774	-76.3215	40 40 38.615 N	076 19 17.501 W
RIV	13:00:00.035	9:00:00	Reinforced	166.750	266.836	37200	1527	33100	40.6677	-76.3305	40 40 03.592 N	076 19 49.657 W
PLA	13:00:02.490	9:00:02	Reinforced	125.000	29.795		1527	33200	40.6809	-76.3448	40 40 51.212 N	076 20 41.280 W
DAN	13:00:04.625	9:00:05	Reinforced	131.375	152.930		1527	33200	40.6832	-76.3454	40 40 59.611 N	076 20 43.538 W
GIB	13:00:09.540	9:00:10	Reinforced	82.750	309.023	36000	1527	33400	40.6827	-76.3584	40 40 57.696 N	076 21 30.075 W
REM	13:00:11.440	9:00:11	Reinforced	167.375	197.578	36800	1527	33400	40.6828	-76.3546	40 40 57.928 N	076 21 16.456 W
RIV	13:00:12.070	9:00:12	Reinforced	168.125	267.100	34400	1527	33400	40.6783	-76.3620	40 40 41.787 N	076 21 43.113 W
PLA	13:00:14.415	9:00:14	Reinforced	124.500	29.355		1527	33500	40.6817	-76.3684	40 40 54.216 N	076 22 06.318 W
DAN	13:00:14.775	9:00:15	Reinforced	130.625	153.193		1527	33500	40.6901	-76.3645	40 41 24.337 N	076 21 52.273 W
GIB	13:00:21.640	9:00:22	Reinforced	84.125	308.672	36000	1527	33700	40.6901	-76.3890	40 41 24.202 N	076 23 20.243 W
REM	13:00:23.475	9:00:23	Reinforced	167.500	198.105	37200	1527	33700	40.6883	-76.3876	40 41 18.060 N	076 23 15.278 W
RIV	13:00:24.105	9:00:24	Reinforced	169.500	267.275	36800	1527	33700	40.6848	-76.3929	40 41 05.202 N	076 23 34.596 W
DAN	13:00:24.790	9:00:25	Reinforced	130.000	153.721		1527	33800	40.6909	-76.3941	40 41 27.146 N	076 23 38.841 W
PLA	13:00:26.275	9:00:26	Reinforced	124.125	28.564		1527	33800	40.6905	-76.4051	40 41 25.631 N	076 24 18.371 W
GIB	13:00:33.765	9:00:34	Reinforced	85.375	308.145	36800	1527	34000	40.6924	-76.4210	40 41 32.726 N	076 25 15.681 W
DAN	13:00:34.915	9:00:35	Reinforced	129.250	154.160		1527	34100	40.6952	-76.4208	40 41 42.647 N	076 25 14.969 W
REM	13:00:35.445	9:00:35	Reinforced	167.750	198.545	37200	1527	34100	40.6909	-76.4160	40 41 27.203 N	076 24 57.662 W
RIV	13:00:36.160	9:00:36	Reinforced	170.875	267.363	37600	1527	34100	40.6871	-76.4234	40 41 13.452 N	076 25 24.150 W
PLA	13:00:38.175	9:00:38	Reinforced	123.625	27.949		1527	34200	40.6939	-76.4359	40 41 37.911 N	076 26 09.214 W
OCA	13:00:38.320	9:00:38	Reinforced	232.875	354.990	41200	1126	34000	40.6921	-76.4585	40 41 31.399 N	076 27 30.485 W
DAN	13:00:45.060	9:00:45	Reinforced	128.500	154.600		1527	34300	40.6997	-76.4474	40 41 58.780 N	076 26 50.506 W
GIB	13:00:45.715	9:00:46	Reinforced	86.625	307.793	36800	1527	34300	40.6979	-76.4498	40 41 52.605 N	076 26 59.265 W
REM	13:00:47.600	9:00:48	Reinforced	167.875	198.984	36400	1527	34400	40.6956	-76.4436	40 41 44.030 N	076 26 37.047 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	13:00:48.120	9:00:48	Reinforced	172.250	267.451	37200	1527	34400	40.6894	-76.4538	40 41 21.923 N	076 27 13.782 W
PLA	13:00:50.015	9:00:50	Reinforced	123.250	27.422		1527	34400	40.6974	-76.4617	40 41 50.480 N	076 27 42.014 W
OCA	13:00:50.265	9:00:50	Reinforced	233.250	354.551	39600	527	34400	40.6965	-76.4983	40 41 47.567 N	076 29 53.935 W
DAN	13:00:55.090	9:00:55	Reinforced	127.875	154.951		1527	34600	40.7038	-76.4687	40 42 13.620 N	076 28 07.385 W
GIB	13:00:57.800	9:00:58	Reinforced	87.875	307.354	37600	1527	34600	40.7014	-76.4805	40 42 05.111 N	076 28 49.676 W
REM	13:00:59.430	9:00:59	Reinforced	168.125	199.600	38000	1527	34600	40.7012	-76.4828	40 42 04.172 N	076 28 57.992 W
RIV	13:01:00.065	9:01:00	Reinforced	173.625	267.451	36800	1527	34600	40.6874	-76.4838	40 41 14.710 N	076 29 01.670 W
PLA	13:01:01.875	9:01:02	Reinforced	122.875	26.719		1527	34700	40.7035	-76.4947	40 42 12.682 N	076 29 41.075 W
OCA	13:01:02.290	9:01:02	Reinforced	233.625	354.199	40000	125	26800	40.6994	-76.5302	40 41 57.758 N	076 31 48.724 W
DAN	13:01:05.225	9:01:05	Reinforced	127.125	155.391		1527	34800	40.7086	-76.4950	40 42 30.977 N	076 29 41.885 W
GIB	13:01:09.750	9:01:10	Reinforced	89.250	306.914	37200	1527	34900	40.7058	-76.5135	40 42 20.885 N	076 30 48.662 W
REM	13:01:11.380	9:01:11	Reinforced	168.250	199.951	36800	1527	34900	40.7048	-76.5050	40 42 17.311 N	076 30 17.996 W
RIV	13:01:12.220	9:01:12	Reinforced	175.000	267.715	38000	1527	34900	40.6988	-76.5153	40 41 55.565 N	076 30 54.912 W
PLA	13:01:13.820	9:01:14	Reinforced	122.375	26.191		1527	35000	40.7047	-76.5217	40 42 16.744 N	076 31 18.252 W
OCA	13:01:14.345	9:01:14	Search	234.125	354.111	38800			40.7072	-76.5392	40 42 26.023 N	076 32 21.153 W
DAN	13:01:15.370	9:01:15	Reinforced	126.500	156.006		1527	35000	40.7091	-76.5278	40 42 32.904 N	076 31 39.947 W
GIB	13:01:21.695	9:01:22	Reinforced	90.500	306.650	37200	1527	35000	40.7124	-76.5410	40 42 44.671 N	076 32 27.724 W
REM	13:01:23.430	9:01:23	Reinforced	168.500	200.479	37200	1527	35000	40.7094	-76.5388	40 42 33.999 N	076 32 19.663 W
RIV	13:01:24.180	9:01:24	Reinforced	176.375	267.715	38000	1527	35000	40.6969	-76.5453	40 41 48.668 N	076 32 42.925 W
DAN	13:01:25.490	9:01:25	Reinforced	125.875	156.357		1527	35000	40.7137	-76.5487	40 42 49.248 N	076 32 55.371 W
PLA	13:01:25.665	9:01:26	Reinforced	122.000	25.400		1527	35000	40.7116	-76.5584	40 42 41.757 N	076 33 30.296 W
OCA	13:01:26.400	9:01:26	Reinforced	234.500	353.760	39200	1527	-99900	40.7107	-76.5714	40 42 38.546 N	076 34 16.930 W
GIB	13:01:33.515	9:01:34	Reinforced	91.750	306.211	37200	1527	35000	40.7150	-76.5722	40 42 54.087 N	076 34 20.072 W
REM	13:01:35.470	9:01:35	Reinforced	168.750	200.918	37200	1527	35000	40.7128	-76.5673	40 42 46.169 N	076 34 02.185 W
DAN	13:01:35.605	9:01:36	Reinforced	125.125	156.885		1527	35000	40.7178	-76.5784	40 43 04.153 N	076 34 42.113 W
RIV	13:01:36.105	9:01:36	Reinforced	177.750	267.803	38000	1527	35000	40.6995	-76.5758	40 41 58.023 N	076 34 32.797 W
PLA	13:01:37.525	9:01:38	Reinforced	121.625	24.785		1527	35000	40.7154	-76.5877	40 42 55.611 N	076 35 15.898 W
GIB	13:01:45.630	9:01:46	Reinforced	93.125	305.947	37200	1527	35000	40.7224	-76.6023	40 43 20.666 N	076 36 08.239 W
DAN	13:01:45.740	9:01:46	Reinforced	124.500	157.236		1527	35000	40.7226	-76.5991	40 43 21.534 N	076 35 56.606 W
REM	13:01:47.420	9:01:47	Reinforced	169.000	201.357	37600	1527	35000	40.7164	-76.5958	40 42 58.951 N	076 35 44.734 W
RIV	13:01:48.160	9:01:48	Reinforced	179.125	268.066	38000	1527	35000	40.7112	-76.6073	40 42 40.436 N	076 36 26.130 W
PLA	13:01:49.450	9:01:49	Reinforced	121.375	24.170		1527	35000	40.7209	-76.6159	40 43 15.283 N	076 36 57.265 W
OCA	13:01:50.325	9:01:50	Search	235.375	352.969	39200			40.7186	-76.6441	40 43 06.973 N	076 38 38.883 W
DAN	13:01:55.770	9:01:56	Reinforced	123.875	157.676		1527	35000	40.7264	-76.6235	40 43 35.128 N	076 37 24.595 W
GIB	13:01:57.685	9:01:58	Reinforced	94.375	305.508	37600	1527	35000	40.7244	-76.6338	40 43 27.972 N	076 38 01.651 W
REM	13:01:59.470	9:01:59	Reinforced	169.250	201.973	36800	1527	35000	40.7232	-76.6349	40 43 23.479 N	076 38 05.503 W
RIV	13:02:00.200	9:02:00	Reinforced	180.500	268.154	38000	1527	35000	40.7140	-76.6378	40 42 50.497 N	076 38 15.982 W
PLA	13:02:01.315	9:02:01	Reinforced	121.000	23.467		1527	35000	40.7255	-76.6489	40 43 31.746 N	076 38 56.112 W
DAN	13:02:05.925	9:02:06	Reinforced	123.250	158.203		1527	35000	40.7292	-76.6517	40 43 45.230 N	076 39 05.989 W
GIB	13:02:09.565	9:02:10	Reinforced	95.750	305.156	37200	1527	35000	40.7293	-76.6659	40 43 45.594 N	076 39 57.286 W
REM	13:02:11.535	9:02:12	Reinforced	169.500	202.500	36000	1527	35000	40.7287	-76.6686	40 43 43.430 N	076 40 07.096 W
RIV	13:02:12.155	9:02:12	Reinforced	181.875	268.418	38400	1527	35000	40.7261	-76.6692	40 43 34.133 N	076 40 09.111 W
PLA	13:02:13.235	9:02:13	Reinforced	120.625	22.852		1527	35000	40.7285	-76.6782	40 43 42.539 N	076 40 41.530 W
DAN	13:02:16.060	9:02:16	Reinforced	122.500	158.818		1527	35000	40.7331	-76.6845	40 43 59.208 N	076 41 04.174 W
GIB	13:02:21.465	9:02:21	Reinforced	97.125	304.805	37200	1527	35000	40.7340	-76.6982	40 44 02.221 N	076 41 53.444 W
REM	13:02:23.575	9:02:24	Reinforced	169.750	202.852	37600	1527	35000	40.7313	-76.6918	40 43 52.569 N	076 41 30.579 W
RIV	13:02:24.195	9:02:24	Reinforced	183.250	268.330	37200	1527	35000	40.7198	-76.6988	40 43 11.293 N	076 41 55.691 W
PLA	13:02:25.180	9:02:25	Reinforced	120.375	22.148		1527	35000	40.7343	-76.7101	40 44 03.558 N	076 42 36.379 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
DAN	13:02:26.180	9:02:26	Reinforced	121.875	159.258		1527	35000	40.7375	-76.7085	40 44 14.900 N	076 42 30.536 W
GIB	13:02:33.535	9:02:34	Reinforced	98.375	304.453	37600	1527	35000	40.7371	-76.7283	40 44 13.724 N	076 43 41.859 W
REM	13:02:35.620	9:02:36	Reinforced	170.000	203.379	37600	1527	35000	40.7372	-76.7256	40 44 13.980 N	076 43 32.126 W
RIV	13:02:36.155	9:02:36	Reinforced	184.750	268.594	37200	1527	35000	40.7320	-76.7329	40 43 55.360 N	076 43 58.606 W
DAN	13:02:36.305	9:02:36	Reinforced	121.250	159.697		1527	35000	40.7420	-76.7323	40 44 31.176 N	076 43 56.393 W
PLA	13:02:37.035	9:02:37	Reinforced	120.125	21.533		1527	35000	40.7387	-76.7383	40 44 19.247 N	076 44 17.907 W
OCA	13:02:38.390	9:02:38	Search	237.250	351.650				40.7375	-76.7679	40 44 14.841 N	076 46 04.297 W
GIB	13:02:45.585	9:02:46	Reinforced	99.750	304.189	37200	1527	35000	40.7434	-76.7590	40 44 36.075 N	076 45 32.434 W
DAN	13:02:46.440	9:02:46	Reinforced	120.625	160.312		1527	35000	40.7447	-76.7637	40 44 40.745 N	076 45 49.274 W
REM	13:02:47.690	9:02:48	Reinforced	170.375	203.818	37200	1527	35000	40.7398	-76.7551	40 44 23.260 N	076 45 18.459 W
RIV	13:02:48.115	9:02:48	Reinforced	186.125	268.770	38800	1527	35000	40.7399	-76.7639	40 44 23.658 N	076 45 49.979 W
PLA	13:02:48.955	9:02:49	Reinforced	119.750	20.918		1527	35000	40.7408	-76.7675	40 44 27.037 N	076 46 03.086 W
DAN	13:02:56.560	9:02:57	Reinforced	120.000	160.840		1527	35000	40.7486	-76.7910	40 44 54.842 N	076 47 27.774 W
GIB	13:02:57.580	9:02:58	Reinforced	101.125	303.926	37200	1527	35000	40.7494	-76.7898	40 44 57.688 N	076 47 23.431 W
REM	13:02:59.740	9:03:00	Reinforced	170.625	204.434	37600	1527	35000	40.7479	-76.7941	40 44 52.513 N	076 47 38.906 W
RIV	13:03:00.065	9:03:00	Reinforced	187.625	268.857	38400	1527	35000	40.7430	-76.7971	40 44 34.734 N	076 47 49.636 W
PLA	13:03:00.788	9:03:01	Reinforced	119.500	20.039		1527	35000	40.7479	-76.8070	40 44 52.541 N	076 48 25.073 W
DAN	13:03:06.600	9:03:07	Reinforced	119.375	161.367		1527	35000	40.7527	-76.8182	40 45 09.713 N	076 49 05.680 W
GIB	13:03:09.595	9:03:10	Reinforced	102.500	303.574	37600	1527	35000	40.7529	-76.8226	40 45 10.611 N	076 49 21.479 W
REM	13:03:11.595	9:03:12	Reinforced	171.000	204.609	37600	1527	35000	40.7457	-76.8079	40 44 44.380 N	076 48 28.580 W
RIV	13:03:12.110	9:03:12	Reinforced	189.000	268.857	37200	1527	35000	40.7414	-76.8272	40 44 29.207 N	076 49 37.930 W
PLA	13:03:12.730	9:03:13	Reinforced	119.250	19.600		1527	35000	40.7493	-76.8277	40 44 57.575 N	076 49 39.561 W
DAN	13:03:16.750	9:03:17	Reinforced	118.875	161.807		1527	35000	40.7560	-76.8406	40 45 21.500 N	076 50 26.309 W
GIB	13:03:21.435	9:03:21	Reinforced	103.875	303.223	37200	1527	35000	40.7563	-76.8556	40 45 22.519 N	076 51 19.993 W
REM	13:03:23.750	9:03:24	Reinforced	171.250	205.137	37200	1527	35000	40.7524	-76.8417	40 45 08.770 N	076 50 30.106 W
RIV	13:03:24.070	9:03:24	Reinforced	190.375	269.121	36400	1527	35000	40.7545	-76.8585	40 45 16.050 N	076 51 30.720 W
PLA	13:03:24.680	9:03:25	Reinforced	119.125	18.809		1527	35000	40.7566	-76.8625	40 45 23.828 N	076 51 44.905 W
DAN	13:03:26.985	9:03:27	Reinforced	118.250	162.334		1527	35000	40.7605	-76.8675	40 45 37.769 N	076 52 03.115 W
GIB	13:03:33.490	9:03:33	Reinforced	105.250	302.959	37200	1527	35000	40.7616	-76.8867	40 45 41.638 N	076 53 12.283 W
REM	13:03:35.895	9:03:36	Reinforced	171.625	205.752	39200	1527	35000	40.7594	-76.8818	40 45 33.778 N	076 52 54.493 W
RIV	13:03:36.110	9:03:36	Reinforced	191.875	269.033	38000	1527	35000	40.7480	-76.8910	40 44 52.764 N	076 53 27.424 W
PLA	13:03:36.530	9:03:37	Reinforced	118.875	18.105		1527	35000	40.7606	-76.8945	40 45 38.093 N	076 53 40.130 W
DAN	13:03:37.000	9:03:37	Reinforced	117.625	163.037		1527	35000	40.7635	-76.9018	40 45 48.635 N	076 54 06.556 W
GIB	13:03:45.435	9:03:45	Reinforced	106.625	302.607	37600	1527	35000	40.7643	-76.9199	40 45 51.645 N	076 55 11.674 W
DAN	13:03:47.135	9:03:47	Reinforced	117.125	163.301		1527	35000	40.7690	-76.9163	40 46 08.350 N	076 54 58.510 W
REM	13:03:47.645	9:03:48	Reinforced	172.000	206.455	38000	1527	35000	40.7685	-76.9271	40 46 06.769 N	076 55 37.643 W
RIV	13:03:48.060	9:03:48	Reinforced	193.250	269.209	39200	1527	35000	40.7564	-76.9219	40 45 22.865 N	076 55 18.713 W
PLA	13:03:48.395	9:03:48	Reinforced	118.750	17.490		1527	35000	40.7653	-76.9219	40 45 54.974 N	076 55 18.669 W
DAN	13:03:57.280	9:03:57	Reinforced	116.500	163.916		1527	35000	40.7733	-76.9464	40 46 23.846 N	076 56 47.104 W
GIB	13:03:57.385	9:03:57	Reinforced	108.000	302.344	37600	1527	35000	40.7692	-76.9513	40 46 09.131 N	076 57 04.770 W
REM	13:03:59.685	9:04:00	Reinforced	172.375	206.807	38000	1527	35000	40.7705	-76.9515	40 46 13.709 N	076 57 05.570 W
RIV	13:04:00.125	9:04:00	Reinforced	194.750	269.209	38000	1527	35000	40.7548	-76.9547	40 45 17.256 N	076 57 16.911 W
PLA	13:04:00.315	9:04:00	Reinforced	118.500	16.699		1527	35000	40.7695	-76.9577	40 46 10.301 N	076 57 27.656 W
DAN	13:04:07.385	9:04:07	Reinforced	116.000	164.443		1527	35000	40.7766	-76.9719	40 46 35.825 N	076 58 18.875 W
GIB	13:04:09.255	9:04:09	Reinforced	109.375	302.080	37600	1527	35000	40.7739	-76.9828	40 46 25.862 N	076 58 58.240 W
REM	13:04:11.630	9:04:12	Reinforced	172.750	207.158	36400	1527	35000	40.7725	-76.9760	40 46 21.099 N	076 58 33.607 W
RIV	13:04:12.060	9:04:12	Reinforced	196.125	269.297	38800	1527	35000	40.7584	-76.9852	40 45 30.084 N	076 59 06.726 W
PLA	13:04:12.160	9:04:12	Reinforced	118.375	15.908		1527	35000	40.7754	-76.9927	40 46 31.377 N	076 59 33.882 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
DAN	13:04:17.530	9:04:18	Reinforced	115.500	165.146		1527	35000	40.7787	-77.0048	40 46 43.178 N	077 00 17.193 W
GIB	13:04:21.475	9:04:21	Reinforced	110.875	301.553	37200	1527	35000	40.7720	-77.0225	40 46 19.272 N	077 01 20.904 W
REM	13:04:23.670	9:04:24	Reinforced	173.250	207.686	36800	1527	35000	40.7768	-77.0121	40 46 36.392 N	077 00 43.660 W
PLA	13:04:24.105	9:04:24	Reinforced	118.250	15.293		1527	35000	40.7792	-77.0202	40 46 45.201 N	077 01 12.834 W
RIV	13:04:24.125	9:04:24	Reinforced	197.625	269.473	39600	1527	35000	40.7669	-77.0188	40 46 00.823 N	077 01 07.808 W
DAN	13:04:27.650	9:04:28	Reinforced	114.875	165.674		1527	35000	40.7845	-77.0306	40 47 04.029 N	077 01 50.295 W
GIB	13:04:33.330	9:04:33	Reinforced	112.250	301.553	38000	1527	35000	40.7836	-77.0486	40 47 00.831 N	077 02 54.814 W
REM	13:04:35.720	9:04:36	Reinforced	173.625	208.213	37600	1527	35000	40.7832	-77.0471	40 46 59.361 N	077 02 49.381 W
PLA	13:04:35.940	9:04:36	Reinforced	118.125	14.590		1527	35000	40.7836	-77.0516	40 47 00.991 N	077 03 05.675 W
RIV	13:04:36.070	9:04:36	Reinforced	199.000	269.561	40400	1527	35000	40.7706	-77.0493	40 46 14.236 N	077 02 57.597 W
DAN	13:04:37.900	9:04:38	Reinforced	114.375	166.289		1527	35000	40.7877	-77.0594	40 47 15.859 N	077 03 33.881 W
GIB	13:04:45.310	9:04:45	Reinforced	113.625	301.289	37600	1527	35000	40.7876	-77.0804	40 47 15.255 N	077 04 49.389 W
REM	13:04:47.670	9:04:48	Reinforced	174.000	208.740	37600	1527	35000	40.7898	-77.0820	40 47 23.265 N	077 04 55.085 W
PLA	13:04:47.870	9:04:48	Reinforced	118.000	13.975		1527	35000	40.7869	-77.0791	40 47 12.990 N	077 04 44.837 W
DAN	13:04:48.045	9:04:48	Reinforced	113.875	166.816		1527	35000	40.7919	-77.0843	40 47 30.892 N	077 05 03.462 W
RIV	13:04:48.125	9:04:48	Reinforced	200.500	269.736	34800	1527	35000	40.7794	-77.0829	40 46 45.858 N	077 04 58.583 W
GIB	13:04:57.420	9:04:57	Reinforced	115.000	301.113	37600	1527	35000	40.7939	-77.1104	40 47 38.096 N	077 06 37.425 W
DAN	13:04:58.075	9:04:58	Reinforced	113.375	167.432		1527	35000	40.7957	-77.1128	40 47 44.382 N	077 06 45.912 W
PLA	13:04:59.725	9:05:00	Reinforced	118.000	13.096		1527	35000	40.7942	-77.1176	40 47 39.082 N	077 07 03.327 W
REM	13:04:59.735	9:05:00	Reinforced	174.500	209.004	36800	1527	35000	40.7886	-77.1026	40 47 18.967 N	077 06 09.426 W
RIV	13:05:00.045	9:05:00	Reinforced	201.875	269.736	40000	1527	35000	40.7781	-77.1131	40 46 41.325 N	077 06 47.016 W
DAN	13:05:08.205	9:05:08	Reinforced	113.000	167.959		1527	35000	40.7982	-77.1368	40 47 53.491 N	077 08 12.392 W
GIB	13:05:09.270	9:05:09	Reinforced	116.375	300.850	36800	1527	35000	40.7975	-77.1424	40 47 51.127 N	077 08 32.661 W
PLA	13:05:11.595	9:05:12	Reinforced	117.875	12.393		1527	35000	40.7976	-77.1491	40 47 51.436 N	077 08 56.689 W
RIV	13:05:12.015	9:05:12	Reinforced	203.375	270.000	42800	1527	35000	40.7923	-77.1470	40 47 32.364 N	077 08 49.226 W
REM	13:05:11.995	9:05:12	Reinforced	174.875	209.531	37600	1527	35000	40.7957	-77.1376	40 47 44.353 N	077 08 15.278 W
DAN	13:05:18.235	9:05:18	Reinforced	112.500	168.574		1527	35000	40.8024	-77.1649	40 48 08.595 N	077 09 53.762 W
GIB	13:05:21.430	9:05:21	Reinforced	117.750	300.498	38000	1527	35000	40.7983	-77.1764	40 47 53.936 N	077 10 35.154 W
PLA	13:05:23.540	9:05:24	Reinforced	117.875	11.689		1527	35000	40.8028	-77.1800	40 48 10.025 N	077 10 48.076 W
RIV	13:05:23.960	9:05:24	Reinforced	204.750	270.088	39200	1527	35000	40.7964	-77.1775	40 47 46.950 N	077 10 38.953 W
REM	13:05:23.945	9:05:24	Reinforced	175.375	210.059	37600	1527	35000	40.8011	-77.1738	40 48 04.100 N	077 10 25.836 W
DAN	13:05:28.355	9:05:28	Reinforced	112.000	169.277		1527	35000	40.8063	-77.1966	40 48 22.692 N	077 11 47.830 W
GIB	13:05:33.265	9:05:33	Reinforced	119.250	300.410	38000	1527	35000	40.8078	-77.2072	40 48 28.102 N	077 12 25.802 W
PLA	13:05:35.385	9:05:35	Beacon	117.750	11.250		1527	35000	40.8038	-77.2000	40 48 13.745 N	077 11 59.833 W
RIV	13:05:36.005	9:05:36	Reinforced	206.250	270.176	42000	1527	35000	40.8004	-77.2107	40 48 01.396 N	077 12 38.535 W
REM	13:05:36.015	9:05:36	Reinforced	175.875	210.498	37600	1527	35000	40.8047	-77.2050	40 48 16.954 N	077 12 17.919 W
DAN	13:05:38.480	9:05:38	Reinforced	111.625	169.805		1527	35000	40.8094	-77.2203	40 48 33.984 N	077 13 12.922 W
GIB	13:05:45.320	9:05:45	Reinforced	120.625	300.146	37600	1527	35000	40.8108	-77.2394	40 48 38.929 N	077 14 22.017 W
PLA	13:05:47.305	9:05:47	Beacon	117.750	10.283		1527	35000	40.8102	-77.2427	40 48 36.611 N	077 14 33.571 W
REM	13:05:47.735	9:05:48	Reinforced	176.375	210.937	37600	1527	35000	40.8085	-77.2362	40 48 30.544 N	077 14 10.145 W
RIV	13:05:48.030	9:05:48	Reinforced	207.625	270.000	43600	1527	35000	40.7887	-77.2401	40 47 19.243 N	077 14 24.505 W
DAN	13:05:48.510	9:05:49	Reinforced	111.125	170.332		1527	35000	40.8148	-77.2442	40 48 53.295 N	077 14 39.228 W
GIB	13:05:57.360	9:05:57	Reinforced	122.000	299.971	37600	1527	35000	40.8163	-77.2699	40 48 58.842 N	077 16 11.518 W
DAN	13:05:58.645	9:05:59	Reinforced	110.750	170.947		1527	35000	40.8178	-77.2713	40 49 04.253 N	077 16 16.661 W
PLA	13:05:59.145	9:05:59	Reinforced	117.875	9.844		1527	35000	40.8149	-77.2616	40 48 53.724 N	077 15 41.886 W
RIV	13:06:00.005	9:06:00	Reinforced	209.125	270.439	37200	1527	35000	40.8140	-77.2747	40 48 50.571 N	077 16 28.967 W
REM	13:06:00.005	9:06:00	Reinforced	176.875	211.289	37600	1527	35000	40.8102	-77.2622	40 48 36.743 N	077 15 43.968 W
DAN	13:06:08.755	9:06:09	Reinforced	110.375	171.562		1527	35000	40.8211	-77.2982	40 49 16.018 N	077 17 53.629 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
GIB	13:06:09.335	9:06:09	Reinforced	123.375	299.795	36800	1527	35000	40.8217	-77.3004	40 49 18.248 N	077 18 01.274 W
PLA	13:06:10.970	9:06:11	Reinforced	117.875	8.789		1527	35000	40.8209	-77.3085	40 49 15.367 N	077 18 30.604 W
RIV	13:06:12.015	9:06:12	Reinforced	210.500	270.352	38800	1527	35000	40.8076	-77.3045	40 48 27.534 N	077 18 16.345 W
REM	13:06:12.040	9:06:12	Reinforced	177.375	211.904	36400	1527	35000	40.8189	-77.3037	40 49 08.208 N	077 18 13.495 W
DAN	13:06:18.995	9:06:19	Reinforced	110.000	172.090		1527	35000	40.8250	-77.3214	40 49 29.928 N	077 19 16.932 W
GIB	13:06:21.130	9:06:21	Reinforced	124.750	299.443	37600	1527	35000	40.8214	-77.3348	40 49 16.897 N	077 20 05.448 W
PLA	13:06:22.915	9:06:23	Reinforced	117.875	8.262		1527	35000	40.8237	-77.3320	40 49 25.278 N	077 19 55.164 W
RIV	13:06:23.980	9:06:24	Reinforced	212.000	270.439	39200	1527	35000	40.8119	-77.3378	40 48 42.794 N	077 20 15.920 W
REM	13:06:23.990	9:06:24	Reinforced	177.875	212.432	38800	1527	35000	40.8257	-77.3401	40 49 32.560 N	077 20 24.533 W
DAN	13:06:29.020	9:06:29	Reinforced	109.625	172.793		1527	35000	40.8283	-77.3517	40 49 41.943 N	077 21 06.123 W
GIB	13:06:33.195	9:06:33	Reinforced	126.250	299.355	36800	1527	35000	40.8302	-77.3659	40 49 48.783 N	077 21 57.404 W
PLA	13:06:34.750	9:06:35	Reinforced	118.000	7.471		1527	35000	40.8296	-77.3669	40 49 46.443 N	077 22 00.909 W
RIV	13:06:35.950	9:06:36	Reinforced	213.375	270.527	39600	1527	35000	40.8163	-77.3682	40 48 58.629 N	077 22 05.620 W
REM	13:06:36.050	9:06:36	Reinforced	178.375	212.783	35600	1527	35000	40.8280	-77.3663	40 49 40.815 N	077 21 58.769 W
DAN	13:06:39.175	9:06:39	Reinforced	109.250	173.496		1527	35000	40.8319	-77.3819	40 49 54.978 N	077 22 54.761 W
GIB	13:06:45.185	9:06:45	Reinforced	127.625	299.092	38000	1527	35000	40.8323	-77.3986	40 49 56.106 N	077 23 55.093 W
PLA	13:06:46.700	9:06:47	Reinforced	118.000	6.680		1527	35000	40.8330	-77.4023	40 49 58.809 N	077 24 08.366 W
RIV	13:06:47.990	9:06:48	Reinforced	214.875	270.527	37200	1527	35000	40.8152	-77.4011	40 48 54.628 N	077 24 04.039 W
REM	13:06:48.000	9:06:48	Reinforced	178.875	213.135	38400	1527	35000	40.8304	-77.3925	40 49 49.584 N	077 23 33.151 W
DAN	13:06:49.310	9:06:49	Reinforced	108.875	174.023		1527	35000	40.8364	-77.4046	40 50 11.022 N	077 24 16.619 W
GIB	13:06:57.315	9:06:57	Reinforced	129.000	298.916	37200	1527	35000	40.8370	-77.4294	40 50 13.186 N	077 25 45.908 W
PLA	13:06:58.560	9:06:59	Reinforced	118.125	6.064		1527	35000	40.8375	-77.4296	40 50 14.939 N	077 25 46.581 W
DAN	13:06:59.335	9:06:59	Reinforced	108.500	174.727		1527	35000	40.8405	-77.4345	40 50 25.828 N	077 26 04.166 W
RIV	13:07:00.025	9:07:00	Reinforced	216.250	270.615	39200	1527	35000	40.8197	-77.4316	40 49 10.795 N	077 25 53.743 W
REM	13:07:00.035	9:07:00	Reinforced	179.500	213.662	36800	1527	35000	40.8361	-77.4305	40 50 10.053 N	077 25 49.719 W
GIB	13:07:09.295	9:07:09	Reinforced	130.375	298.740	37200	1527	35000	40.8416	-77.4603	40 50 29.752 N	077 27 36.958 W
DAN	13:07:09.480	9:07:09	Reinforced	108.250	175.342		1527	35000	40.8430	-77.4604	40 50 34.924 N	077 27 37.293 W
PLA	13:07:10.495	9:07:10	Reinforced	118.250	5.361		1527	35000	40.8420	-77.4609	40 50 31.305 N	077 27 39.380 W
RIV	13:07:12.005	9:07:12	Reinforced	217.750	270.879	36400	1527	35000	40.8352	-77.4654	40 50 06.875 N	077 27 55.455 W
REM	13:07:11.990	9:07:12	Reinforced	180.000	214.014	36000	1527	35000	40.8389	-77.4568	40 50 20.088 N	077 27 24.394 W
DAN	13:07:19.600	9:07:20	Reinforced	107.875	176.045		1527	35000	40.8477	-77.4899	40 50 51.587 N	077 29 23.783 W
GIB	13:07:21.315	9:07:21	Reinforced	131.875	298.652	37600	1527	35000	40.8500	-77.4916	40 51 00.005 N	077 29 29.815 W
PLA	13:07:22.320	9:07:22	Reinforced	118.375	4.658		1527	35000	40.8463	-77.4924	40 50 46.598 N	077 29 32.569 W
RIV	13:07:24.030	9:07:24	Reinforced	219.125	270.879	35200	1527	35000	40.8343	-77.4956	40 50 03.623 N	077 29 44.060 W
REM	13:07:24.040	9:07:24	Reinforced	180.500	214.453	37200	1527	35000	40.8443	-77.4882	40 50 39.657 N	077 29 17.544 W
DAN	13:07:29.745	9:07:30	Reinforced	107.625	176.484		1527	35000	40.8510	-77.5084	40 51 03.437 N	077 30 30.096 W
GIB	13:07:33.350	9:07:33	Reinforced	133.250	298.301	36800	1527	35000	40.8483	-77.5266	40 50 53.771 N	077 31 35.820 W
PLA	13:07:34.275	9:07:34	Reinforced	118.500	3.955		1527	35000	40.8502	-77.5239	40 51 00.811 N	077 31 26.132 W
RIV	13:07:35.985	9:07:36	Reinforced	220.625	270.967	36000	1527	35000	40.8390	-77.5288	40 50 20.312 N	077 31 43.582 W
REM	13:07:35.990	9:07:36	Reinforced	181.125	214.980	36000	1527	35000	40.8508	-77.5263	40 51 02.882 N	077 31 34.508 W
DAN	13:07:39.850	9:07:40	Reinforced	107.250	177.275		1527	35000	40.8559	-77.5413	40 51 21.227 N	077 32 28.513 W
GIB	13:07:45.190	9:07:45	Reinforced	134.625	298.213	36800	1527	35000	40.8555	-77.5556	40 51 19.711 N	077 33 20.326 W
PLA	13:07:46.100	9:07:46	Reinforced	118.750	3.340		1527	35000	40.8558	-77.5514	40 51 20.789 N	077 33 05.124 W
RIV	13:07:48.050	9:07:48	Reinforced	222.000	271.143	36800	1527	35000	40.8494	-77.5595	40 50 57.919 N	077 33 34.199 W
REM	13:07:48.150	9:07:48	Reinforced	181.750	215.332	38800	1527	35000	40.8524	-77.5542	40 51 08.582 N	077 33 15.043 W
DAN	13:07:50.000	9:07:50	Reinforced	107.000	177.803		1527	35000	40.8594	-77.5631	40 51 33.764 N	077 33 47.056 W
GIB	13:07:57.075	9:07:57	Reinforced	136.000	298.037	36400	1527	35000	40.8595	-77.5867	40 51 34.190 N	077 35 12.296 W
PLA	13:07:58.045	9:07:58	Reinforced	118.875	2.549		1527	35000	40.8593	-77.5872	40 51 33.480 N	077 35 13.850 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
RIV	13:07:59.995	9:08:00	Reinforced	223.500	271.143	37600	1527	35000	40.8485	-77.5924	40 50 54.686 N	077 35 32.719 W
DAN	13:08:00.030	9:08:00	Reinforced	106.750	178.682		1527	35000	40.8627	-77.5991	40 51 45.844 N	077 35 56.932 W
REM	13:08:00.110	9:08:00	Reinforced	182.250	215.771	38800	1527	35000	40.8585	-77.5857	40 51 30.476 N	077 35 08.504 W
GIB	13:08:09.290	9:08:09	Reinforced	137.500	297.861	36400	1527	35000	40.8643	-77.6204	40 51 51.457 N	077 37 13.359 W
PLA	13:08:09.930	9:08:10	Reinforced	119.125	1.934		1527	35000	40.8643	-77.6149	40 51 51.564 N	077 36 53.807 W
DAN	13:08:10.265	9:08:10	Reinforced	106.500	179.121		1527	35000	40.8667	-77.6172	40 51 59.945 N	077 37 01.814 W
RIV	13:08:11.925	9:08:12	Reinforced	224.875	271.055	40000	1527	35000	40.8420	-77.6223	40 50 31.033 N	077 37 20.347 W
REM	13:08:12.160	9:08:12	Reinforced	182.875	216.123	36400	1527	35000	40.8604	-77.6137	40 51 37.410 N	077 36 49.395 W
DAN	13:08:20.400	9:08:20	Reinforced	106.375	180.000		1527	35000	40.8685	-77.6530	40 52 06.723 N	077 39 10.710 W
GIB	13:08:21.145	9:08:21	Reinforced	138.875	297.686	36400	1527	35000	40.8680	-77.6516	40 52 04.875 N	077 39 05.775 W
PLA	13:08:21.750	9:08:22	Reinforced	119.375	1.230		1527	35000	40.8692	-77.6469	40 52 09.063 N	077 38 48.688 W
RIV	13:08:23.965	9:08:24	Reinforced	226.375	271.318	40800	1527	35000	40.8583	-77.6561	40 51 29.996 N	077 39 21.808 W
REM	13:08:24.200	9:08:24	Reinforced	183.500	216.650	36400	1527	35000	40.8678	-77.6519	40 52 04.251 N	077 39 06.911 W
DAN	13:08:30.535	9:08:31	Reinforced	106.125	180.439		1527	35000	40.8728	-77.6708	40 52 21.923 N	077 40 14.938 W
GIB	13:08:33.080	9:08:33	Reinforced	140.250	297.686	36000	1527	35000	40.8781	-77.6788	40 52 40.980 N	077 40 43.599 W
PLA	13:08:33.690	9:08:34	Reinforced	119.500	0.527		1527	35000	40.8717	-77.6789	40 52 17.956 N	077 40 44.195 W
RIV	13:08:36.130	9:08:36	Reinforced	227.750	271.494	42800	1527	35000	40.8692	-77.6867	40 52 09.051 N	077 41 12.272 W
REM	13:08:36.140	9:08:36	Reinforced	184.125	217.090	36800	1527	35000	40.8729	-77.6851	40 52 22.374 N	077 41 06.342 W
DAN	13:08:40.535	9:08:41	Reinforced	105.875	181.055		1527	35000	40.8772	-77.6957	40 52 37.804 N	077 41 44.497 W
GIB	13:08:45.240	9:08:45	Reinforced	141.625	297.334	36400	1527	35000	40.8750	-77.7142	40 52 30.149 N	077 42 51.233 W
PLA	13:08:45.515	9:08:46	Reinforced	119.875	359.736		1527	35000	40.8780	-77.7152	40 52 40.711 N	077 42 54.543 W
RIV	13:08:48.185	9:08:48	Search	229.250	271.406	48800			40.8626	-77.7163	40 51 45.456 N	077 42 58.621 W
REM	13:08:48.310	9:08:48	Reinforced	184.750	217.354	38400	1527	35000	40.8726	-77.7082	40 52 21.458 N	077 42 29.607 W
DAN	13:08:50.685	9:08:51	Reinforced	105.750	181.934		1527	35000	40.8799	-77.7312	40 52 47.776 N	077 43 52.293 W
GIB	13:08:57.200	9:08:57	Reinforced	143.125	297.246	35200	1527	35000	40.8825	-77.7460	40 52 57.102 N	077 44 45.771 W
PLA	13:08:57.500	9:08:58	Reinforced	120.125	359.121		1527	35000	40.8819	-77.7435	40 52 54.933 N	077 44 36.452 W
RIV	13:09:00.130	9:09:00	Search	230.625	271.406	40400			40.8618	-77.7484	40 51 42.546 N	077 44 54.405 W
REM	13:09:00.350	9:09:00	Reinforced	185.375	217.705	37200	1527	35000	40.8753	-77.7365	40 52 30.933 N	077 44 11.227 W
DAN	13:09:00.805	9:09:01	Reinforced	105.500	182.549		1527	35000	40.8848	-77.7558	40 53 05.368 N	077 45 20.983 W
GIB	13:09:09.150	9:09:09	Reinforced	144.500	296.982	36400	1527	35000	40.8824	-77.7796	40 52 56.524 N	077 46 46.454 W
PLA	13:09:09.300	9:09:09	Reinforced	120.375	358.418		1527	35000	40.8856	-77.7759	40 53 07.988 N	077 46 33.350 W
DAN	13:09:10.960	9:09:11	Reinforced	105.375	183.252		1527	35000	40.8880	-77.7840	40 53 16.684 N	077 47 02.492 W
REM	13:09:12.315	9:09:12	Reinforced	186.000	218.145	36800	1527	35000	40.8809	-77.7698	40 52 51.142 N	077 46 11.154 W
DAN	13:09:21.080	9:09:21	Reinforced	105.250	183.867		1527	35000	40.8912	-77.8086	40 53 28.272 N	077 48 30.983 W
GIB	13:09:21.095	9:09:21	Reinforced	145.875	297.158	37200	1527	35000	40.8989	-77.8027	40 53 55.866 N	077 48 09.877 W
PLA	13:09:21.245	9:09:21	Reinforced	120.625	357.715		1527	35000	40.8889	-77.8085	40 53 19.916 N	077 48 30.706 W
RIV	13:09:24.035	9:09:24	Reinforced	233.500	271.758	35200	1527	35000	40.8840	-77.8137	40 53 02.459 N	077 48 49.359 W
REM	13:09:24.460	9:09:24	Reinforced	186.750	218.760	37200	1527	35000	40.8908	-77.8148	40 53 26.826 N	077 48 53.290 W
DAN	13:09:31.225	9:09:31	Reinforced	105.125	184.482		1527	35000	40.8946	-77.8331	40 53 40.555 N	077 49 59.209 W
PLA	13:09:33.105	9:09:33	Reinforced	121.000	357.100		1527	35000	40.8941	-77.8373	40 53 38.792 N	077 50 14.395 W
GIB	13:09:33.140	9:09:33	Reinforced	147.375	296.719	34000	1527	35000	40.8925	-77.8431	40 53 33.006 N	077 50 35.029 W
RIV	13:09:36.080	9:09:36	Reinforced	234.875	271.670	37600	1527	35000	40.8774	-77.8437	40 52 38.557 N	077 50 37.264 W
REM	13:09:36.410	9:09:36	Reinforced	187.375	219.111	36800	1527	35000	40.8940	-77.8432	40 53 38.539 N	077 50 35.392 W
DAN	13:09:41.350	9:09:41	Reinforced	105.000	185.186		1527	35000	40.8984	-77.8611	40 53 54.372 N	077 51 39.825 W
PLA	13:09:44.970	9:09:45	Reinforced	121.375	356.221		1527	35000	40.8985	-77.8785	40 53 54.591 N	077 52 42.688 W
GIB	13:09:45.180	9:09:45	Reinforced	148.750	296.631	35600	1527	35000	40.8987	-77.8726	40 53 55.273 N	077 52 21.326 W
RIV	13:09:48.120	9:09:48	Search	236.375	271.494	50800			40.8647	-77.8725	40 51 52.749 N	077 52 20.903 W
REM	13:09:48.450	9:09:48	Reinforced	188.125	219.551	37600	1527	35000	40.8987	-77.8783	40 53 55.493 N	077 52 41.721 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
DAN	13:09:51.495	9:09:51	Reinforced	104.875	185.801		1527	35000	40.9023	-77.8854	40 54 08.137 N	077 53 07.464 W
PLA	13:09:56.875	9:09:57	Reinforced	121.625	355.869		1527	35000	40.9018	-77.8952	40 54 06.395 N	077 53 42.811 W
GIB	13:09:57.035	9:09:57	Reinforced	150.125	296.543	35600	1527	35000	40.9048	-77.9022	40 54 17.274 N	077 54 07.756 W
REM	13:10:00.290	9:10:00	Reinforced	188.750	219.902	36400	1527	35000	40.9024	-77.9067	40 54 08.529 N	077 54 24.151 W
DAN	13:10:01.510	9:10:02	Reinforced	104.875	186.504		1527	35000	40.9045	-77.9135	40 54 16.178 N	077 54 48.508 W
PLA	13:10:08.750	9:10:09	Reinforced	122.000	355.078		1527	35000	40.9057	-77.9327	40 54 20.652 N	077 55 57.580 W
GIB	13:10:09.195	9:10:09	Reinforced	151.625	296.279	34800	1527	35000	40.9047	-77.9385	40 54 16.743 N	077 56 18.519 W
DAN	13:10:11.645	9:10:12	Reinforced	104.750	187.207		1527	35000	40.9091	-77.9412	40 54 32.588 N	077 56 28.214 W
RIV	13:10:12.150	9:10:12	Reinforced	239.250	271.934	55200		35000	40.8935	-77.9405	40 53 36.553 N	077 56 25.649 W
REM	13:10:12.350	9:10:12	Reinforced	189.500	220.518	39600	1527	35000	40.9136	-77.9519	40 54 48.873 N	077 57 06.734 W
PLA	13:10:20.655	9:10:21	Reinforced	122.500	354.375		1527	35000	40.9117	-77.9665	40 54 42.037 N	077 57 59.270 W
GIB	13:10:21.280	9:10:21	Reinforced	153.000	296.191	36000	1527	35000	40.9105	-77.9681	40 54 37.946 N	077 58 05.298 W
DAN	13:10:21.780	9:10:22	Reinforced	104.750	187.910		1527	35000	40.9118	-77.9691	40 54 42.447 N	077 58 08.867 W
RIV	13:10:24.100	9:10:24	Search	240.750	272.021	43600			40.8990	-77.9717	40 53 56.426 N	077 58 18.147 W
REM	13:10:24.400	9:10:24	Reinforced	190.125	220.693	37600	1527	35000	40.9115	-77.9704	40 54 41.490 N	077 58 13.578 W
DAN	13:10:31.900	9:10:32	Reinforced	104.625	188.613		1527	35000	40.9168	-77.9966	40 55 00.647 N	077 59 47.918 W
PLA	13:10:32.617	9:10:33	Reinforced	122.875	353.848		1527	35000	40.9159	-77.9920	40 54 57.282 N	077 59 31.090 W
GIB	13:10:33.075	9:10:33	Reinforced	154.375	296.191	36000	1527	35000	40.9200	-77.9957	40 55 11.828 N	077 59 44.543 W
RIV	13:10:36.120	9:10:36	Search	242.125	271.934	59200			40.8923	-77.9978	40 53 32.385 N	077 59 51.960 W
REM	13:10:36.470	9:10:36	Reinforced	190.875	220.957	39600	1527	35000	40.9110	-77.9958	40 54 39.555 N	077 59 44.753 W
DAN	13:10:41.945	9:10:42	Reinforced	104.625	189.229		1527	35000	40.9197	-78.0210	40 55 10.806 N	078 01 15.608 W
PLA	13:10:44.480	9:10:44	Reinforced	123.250	353.057		1527	35000	40.9188	-78.0300	40 55 07.690 N	078 01 47.837 W
GIB	13:10:45.220	9:10:45	Reinforced	155.875	295.928	33600	1527	35000	40.9193	-78.0322	40 55 09.511 N	078 01 55.956 W
RIV	13:10:48.175	9:10:48	Reinforced	243.625	272.197	48400	1527	35000	40.9102	-78.0372	40 54 36.675 N	078 02 13.895 W
REM	13:10:48.510	9:10:49	Reinforced	191.625	221.309	40000	1527	35000	40.9137	-78.0261	40 54 49.233 N	078 01 34.093 W
DAN	13:10:52.285	9:10:52	Beacon	104.625	189.932		1527	35000	40.9231	-78.0488	40 55 23.267 N	078 02 55.652 W
PLA	13:10:56.300	9:10:56	Reinforced	123.625	352.441		1527	35000	40.9221	-78.0599	40 55 19.695 N	078 03 35.502 W
GIB	13:10:56.955	9:10:57	Reinforced	157.250	295.752	35200	1527	35000	40.9213	-78.0641	40 55 16.542 N	078 03 50.848 W
RIV	13:11:00.110	9:11:00	Reinforced	245.000	272.373	36400	1527	35000	40.9222	-78.0678	40 55 19.815 N	078 04 03.969 W
REM	13:11:00.140	9:11:00	Reinforced	192.375	221.836	37600	1527	35000	40.9228	-78.0665	40 55 22.237 N	078 03 59.440 W
DAN	13:11:02.216	9:11:02	Reinforced	104.625	190.283		1527	35000	40.9250	-78.0627	40 55 29.838 N	078 03 45.600 W
PLA	13:11:08.265	9:11:08	Reinforced	124.125	351.650		1527	35000	40.9263	-78.0986	40 55 34.808 N	078 05 54.856 W
GIB	13:11:09.130	9:11:09	Reinforced	158.625	295.576	36000	1527	35000	40.9231	-78.0961	40 55 23.043 N	078 05 45.907 W
RIV	13:11:12.175	9:11:12	Reinforced	246.500	272.285	40000	1527	35000	40.9154	-78.1006	40 54 55.332 N	078 06 02.044 W
REM	13:11:12.295	9:11:12	Reinforced	193.125	222.100	37600	1527	35000	40.9228	-78.0920	40 55 22.004 N	078 05 31.289 W
DAN	13:11:12.330	9:11:12	Reinforced	104.750	191.338		1527	35000	40.9288	-78.1047	40 55 43.536 N	078 06 17.027 W
PLA	13:11:20.175	9:11:20	Reinforced	124.500	351.211		1527	35000	40.9301	-78.1205	40 55 48.292 N	078 07 13.842 W
GIB	13:11:21.180	9:11:21	Reinforced	160.125	295.488	35600		35000	40.9293	-78.1285	40 55 45.497 N	078 07 42.511 W
DAN	13:11:22.480	9:11:22	Reinforced	104.750	191.953		1527	35000	40.9324	-78.1289	40 55 56.778 N	078 07 44.123 W
REM	13:11:24.240	9:11:24	Reinforced	193.875	222.539	38800	1527	35000	40.9293	-78.1275	40 55 45.367 N	078 07 39.075 W
PLA	13:11:32.055	9:11:32	Reinforced	125.000	350.684		1527	35000	40.9352	-78.1472	40 56 06.770 N	078 08 49.770 W
DAN	13:11:32.604	9:11:33	Reinforced	104.750	192.656		1527	35000	40.9369	-78.1565	40 56 12.757 N	078 09 23.438 W
GIB	13:11:32.964	9:11:33	Reinforced	161.500	295.400	33600	1527	35000	40.9346	-78.1584	40 56 04.684 N	078 09 30.166 W
REM	13:11:36.190	9:11:36	Reinforced	194.625	222.715	40400	1527	35000	40.9263	-78.1482	40 55 34.514 N	078 08 53.487 W
DAN	13:11:42.745	9:11:43	Reinforced	104.875	193.359		1527	35000	40.9395	-78.1846	40 56 22.319 N	078 11 04.729 W
PLA	13:11:43.885	9:11:44	Reinforced	125.500	349.893		1527	35000	40.9384	-78.1864	40 56 18.331 N	078 11 11.192 W
GIB	13:11:44.980	9:11:45	Reinforced	162.875	295.137	35600	1527	35000	40.9322	-78.1926	40 55 56.061 N	078 11 33.453 W
REM	13:11:48.255	9:11:48	Reinforced	195.500	223.066	40400	1527	35000	40.9283	-78.1806	40 55 41.832 N	078 10 50.317 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
DAN	13:11:52.880	9:11:53	Reinforced	105.000	193.887		1527	35000	40.9412	-78.2059	40 56 28.281 N	078 12 21.254 W
PLA	13:11:55.810	9:11:56	Reinforced	126.000	349.277		1527	35000	40.9424	-78.2176	40 56 32.762 N	078 13 03.390 W
GIB	13:11:56.930	9:11:57	Reinforced	164.375	295.137	34400	1527	35000	40.9420	-78.2230	40 56 31.291 N	078 13 22.749 W
REM	13:12:00.310	9:12:00	Reinforced	196.250	223.506	41200	1527	35000	40.9354	-78.2163	40 56 07.448 N	078 12 58.692 W
DAN	13:12:02.982	9:12:03	Reinforced	105.125	194.678		1527	35000	40.9450	-78.2375	40 56 41.867 N	078 14 14.849 W
PLA	13:12:07.645	9:12:08	Reinforced	126.500	348.750		1527	35000	40.9468	-78.2448	40 56 48.531 N	078 14 41.197 W
GIB	13:12:08.970	9:12:09	Beacon	165.750	295.049		1527	35000	40.9471	-78.2530	40 56 49.528 N	078 15 10.804 W
REM	13:12:12.425	9:12:12	Reinforced	197.000	223.857	38000	1527	35000	40.9394	-78.2471	40 56 21.905 N	078 14 49.390 W
DAN	13:12:13.020	9:12:13	Reinforced	105.125	195.381		1527	35000	40.9504	-78.2648	40 57 01.384 N	078 15 53.454 W
PLA	13:12:19.510	9:12:20	Reinforced	127.000	348.047		1527	35000	40.9496	-78.2805	40 56 58.590 N	078 16 49.652 W
GIB	13:12:20.930	9:12:21	Beacon	167.125	294.785		1527	35000	40.9442	-78.2874	40 56 39.149 N	078 17 14.625 W
DAN	13:12:23.260	9:12:23	Reinforced	105.375	195.996		1527	35000	40.9513	-78.2902	40 57 04.727 N	078 17 24.800 W
REM	13:12:24.370	9:12:24	Reinforced	197.750	224.209	39600	1527	35000	40.9436	-78.2778	40 56 37.031 N	078 16 40.254 W
PLA	13:12:31.435	9:12:31	Reinforced	127.500	347.520		1527	35000	40.9535	-78.3079	40 57 12.590 N	078 18 28.618 W
GIB	13:12:33.010	9:12:33	Reinforced	168.625	294.961	36800	1527	35000	40.9618	-78.3135	40 57 42.385 N	078 18 48.492 W
DAN	13:12:33.300	9:12:33	Reinforced	105.500	196.611		1527	35000	40.9545	-78.3149	40 57 16.049 N	078 18 53.543 W
REM	13:12:36.355	9:12:36	Reinforced	198.625	224.648	39600	1527	35000	40.9499	-78.3155	40 56 59.645 N	078 18 55.707 W
PLA	13:12:43.370	9:12:43	Reinforced	128.125	346.904		1527	35000	40.9584	-78.3404	40 57 30.372 N	078 20 25.519 W
DAN	13:12:43.420	9:12:43	Reinforced	105.625	197.314		1527	35000	40.9586	-78.3429	40 57 30.903 N	078 20 34.486 W
GIB	13:12:45.030	9:12:45	Reinforced	170.000	294.697	34000	1527	35000	40.9586	-78.3480	40 57 31.064 N	078 20 52.711 W
REM	13:12:48.285	9:12:48	Reinforced	199.375	225.264	40000	1527	35000	40.9649	-78.3611	40 57 53.806 N	078 21 39.911 W
DAN	13:12:53.660	9:12:54	Reinforced	105.750	197.930		1527	35000	40.9622	-78.3675	40 57 43.776 N	078 22 03.085 W
PLA	13:12:55.210	9:12:55	Reinforced	128.625	346.289		1527	35000	40.9611	-78.3724	40 57 39.795 N	078 22 20.779 W
GIB	13:12:57.010	9:12:57	Reinforced	171.375	294.609	35200	1527	35000	40.9634	-78.3781	40 57 48.077 N	078 22 41.265 W
REM	13:13:00.460	9:13:00	Reinforced	200.250	225.439	39600	1527	35000	40.9613	-78.3841	40 57 40.726 N	078 23 02.695 W
DAN	13:13:03.695	9:13:04	Reinforced	106.000	198.545		1527	35000	40.9640	-78.3930	40 57 50.236 N	078 23 34.678 W
PLA	13:13:07.130	9:13:07	Reinforced	129.250	345.674		1527	35000	40.9654	-78.4053	40 57 55.424 N	078 24 19.111 W
GIB	13:13:09.055	9:13:09	Reinforced	172.875	294.434	34800	1527	35000	40.9647	-78.4131	40 57 52.952 N	078 24 47.029 W
REM	13:13:12.395	9:13:12	Reinforced	201.125	225.703	37600	1527	35000	40.9613	-78.4120	40 57 40.670 N	078 24 43.359 W
DAN	13:13:13.935	9:13:14	Reinforced	106.125	199.336		1527	35000	40.9697	-78.4243	40 58 10.850 N	078 25 27.579 W
PLA	13:13:18.970	9:13:19	Reinforced	129.875	345.146		1527	35000	40.9703	-78.4342	40 58 13.114 N	078 26 03.000 W
GIB	13:13:21.165	9:13:21	Reinforced	174.250	294.346	35200	1527	35000	40.9692	-78.4433	40 58 09.280 N	078 26 35.841 W
DAN	13:13:24.070	9:13:24	Reinforced	106.375	200.039		1527	35000	40.9729	-78.4532	40 58 22.302 N	078 27 11.412 W
REM	13:13:24.345	9:13:24	Reinforced	201.875	225.967	37200	1527	35000	40.9629	-78.4382	40 57 46.520 N	078 26 17.399 W
PLA	13:13:30.915	9:13:31	Reinforced	130.500	344.443		1527	35000	40.9732	-78.4717	40 58 23.365 N	078 28 17.984 W
GIB	13:13:33.140	9:13:33	Reinforced	175.625	294.258	34400	1527	35000	40.9737	-78.4735	40 58 25.335 N	078 28 24.764 W
DAN	13:13:34.080	9:13:34	Reinforced	106.625	200.566		1527	35000	40.9745	-78.4753	40 58 28.021 N	078 28 31.015 W
REM	13:13:36.405	9:13:36	Reinforced	202.750	226.494	35600	1527	35000	40.9740	-78.4809	40 58 26.413 N	078 28 51.384 W
PLA	13:13:42.875	9:13:43	Reinforced	131.000	343.916		1527	35000	40.9755	-78.5001	40 58 31.913 N	078 30 00.422 W
DAN	13:13:44.230	9:13:44	Reinforced	106.875	201.182		1527	35000	40.9772	-78.5008	40 58 37.777 N	078 30 02.850 W
GIB	13:13:45.070	9:13:45	Reinforced	177.125	294.082	35600	1527	35000	40.9747	-78.5086	40 58 28.796 N	078 30 30.973 W
REM	13:13:48.340	9:13:48	Reinforced	203.625	226.758	40400	1527	35000	40.9745	-78.5091	40 58 28.157 N	078 30 32.704 W
DAN	13:13:54.240	9:13:54	Reinforced	107.125	201.973		1527	35000	40.9821	-78.5330	40 58 55.468 N	078 31 58.950 W
PLA	13:13:54.720	9:13:55	Reinforced	131.625	343.389		1527	35000	40.9797	-78.5295	40 58 46.814 N	078 31 46.234 W
GIB	13:13:57.140	9:13:57	Reinforced	178.500	294.082	34000	1527	35000	40.9832	-78.5367	40 58 59.411 N	078 32 12.132 W
REM	13:14:00.300	9:14:00	Reinforced	204.375	227.021	41200	1527	35000	40.9766	-78.5354	40 58 35.722 N	078 32 07.262 W
DAN	13:14:04.375	9:14:04	Reinforced	107.375	202.588		1527	35000	40.9853	-78.5586	40 59 07.003 N	078 33 30.858 W
PLA	13:14:06.590	9:14:07	Reinforced	132.375	342.686		1527	35000	40.9835	-78.5684	40 59 00.567 N	078 34 06.259 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
GIB	13:14:09.110	9:14:09	Reinforced	179.875	293.994	35200	1527	35000	40.9874	-78.5671	40 59 14.635 N	078 34 01.386 W
REM	13:14:12.245	9:14:12	Reinforced	205.250	227.197	40000	1527	35000	40.9736	-78.5587	40 58 25.093 N	078 33 31.380 W
DAN	13:14:14.510	9:14:15	Reinforced	107.625	203.027		1527	35000	40.9866	-78.5774	40 59 11.757 N	078 34 38.688 W
PLA	13:14:18.495	9:14:18	Reinforced	133.000	342.158		1527	35000	40.9871	-78.5982	40 59 13.443 N	078 35 53.446 W
GIB	13:14:21.135	9:14:21	Reinforced	181.250	293.643	34800	1527	35000	40.9786	-78.6041	40 58 43.044 N	078 36 14.827 W
REM	13:14:24.405	9:14:24	Reinforced	206.125	227.637	38400	1527	35000	40.9820	-78.5968	40 58 55.139 N	078 35 48.485 W
DAN	13:14:24.625	9:14:25	Reinforced	108.000	203.818		1527	35000	40.9904	-78.6107	40 59 25.534 N	078 36 38.674 W
PLA	13:14:30.355	9:14:30	Reinforced	133.625	341.807		1527	35000	40.9926	-78.6196	40 59 33.379 N	078 37 10.551 W
GIB	13:14:33.060	9:14:33	Reinforced	182.750	293.730	36400	1527	35000	40.9920	-78.6326	40 59 31.361 N	078 37 57.516 W
DAN	13:14:34.760	9:14:35	Reinforced	108.250	204.434		1527	35000	40.9943	-78.6363	40 59 39.468 N	078 38 10.755 W
REM	13:14:36.330	9:14:36	Reinforced	207.000	227.812	52000	1527	35000	40.9793	-78.6203	40 58 45.378 N	078 37 13.044 W
PLA	13:14:42.310	9:14:42	Reinforced	134.375	341.191		1527	35000	40.9966	-78.6549	40 59 47.721 N	078 39 17.529 W
DAN	13:14:44.785	9:14:45	Reinforced	108.625	204.961		1527	35000	40.9953	-78.6597	40 59 43.244 N	078 39 34.926 W
GIB	13:14:45.115	9:14:45	Reinforced	184.125	293.643	35200	1527	35000	40.9960	-78.6631	40 59 45.622 N	078 39 47.113 W
REM	13:14:48.280	9:14:48	Reinforced	207.875	228.340	40000	1527	35000	40.9919	-78.6633	40 59 30.789 N	078 39 48.017 W
PLA	13:14:54.150	9:14:54	Reinforced	135.000	340.664		1527	35000	40.9995	-78.6851	40 59 58.023 N	078 41 06.530 W
DAN	13:14:55.025	9:14:55	Reinforced	108.875	205.664		1527	35000	41.0008	-78.6886	41 00 02.911 N	078 41 19.098 W
GIB	13:14:57.180	9:14:57	Reinforced	185.500	293.379	35200	1527	35000	40.9910	-78.6980	40 59 27.774 N	078 41 52.975 W
REM	13:15:00.225	9:15:00	Reinforced	208.750	228.691	38400	1527	35000	40.9972	-78.6967	40 59 49.743 N	078 41 48.032 W
DAN	13:15:05.070	9:15:05	Reinforced	109.250	206.191		1527	35000	41.0023	-78.7121	41 00 08.164 N	078 42 43.567 W
PLA	13:15:06.115	9:15:06	Beacon	135.750	340.137		1527	35000	41.0040	-78.7165	41 00 14.447 N	078 42 59.560 W
PLA	13:15:06.115	9:15:06	Search	135.625	340.137				41.0031	-78.7161	41 00 11.079 N	078 42 57.892 W
GIB	13:15:09.115	9:15:09	Reinforced	187.000	293.291	33600	1527	35000	40.9955	-78.7311	40 59 43.897 N	078 43 52.072 W
REM	13:15:12.285	9:15:12	Reinforced	209.625	228.955	36400	1527	35000	40.9987	-78.7252	40 59 55.435 N	078 43 30.744 W
DAN	13:15:15.215	9:15:15	Reinforced	109.625	206.895		1527	35000	41.0064	-78.7423	41 00 22.936 N	078 44 32.104 W
PLA	13:15:17.930	9:15:18	Reinforced	136.375	339.697		1527	35000	41.0076	-78.7429	41 00 27.395 N	078 44 34.302 W
GIB	13:15:20.955	9:15:21	Reinforced	188.375	293.555	32800	1123	35000	41.0172	-78.7526	41 01 01.774 N	078 45 09.374 W
REM	13:15:24.340	9:15:24	Reinforced	210.500	229.219	40400	1527	35000	41.0005	-78.7538	41 00 01.635 N	078 45 13.645 W
DAN	13:15:25.440	9:15:25	Reinforced	110.000	207.510		1527	35000	41.0095	-78.7691	41 00 34.252 N	078 46 08.825 W
PLA	13:15:29.900	9:15:30	Reinforced	137.125	338.994		1527	35000	41.0091	-78.7832	41 00 32.757 N	078 46 59.583 W
GIB	13:15:33.130	9:15:33	Reinforced	189.750	293.115	37600	1527	35000	41.0028	-78.7922	41 00 09.953 N	078 47 32.061 W
DAN	13:15:35.460	9:15:35	Reinforced	110.375	208.125		1527	35000	41.0129	-78.7960	41 00 46.442 N	078 47 45.674 W
REM	13:15:36.905	9:15:37	Search	211.375	229.746	40400			41.0148	-78.7961	41 00 53.271 N	078 47 45.948 W
PLA	13:15:41.825	9:15:42	Reinforced	137.875	338.379		1527	35000	41.0115	-78.8195	41 00 41.336 N	078 49 10.149 W
GIB	13:15:45.060	9:15:45	Reinforced	191.125	293.203	37600	1527	35000	41.0154	-78.8183	41 00 55.462 N	078 49 05.871 W
DAN	13:15:45.605	9:15:46	Reinforced	110.750	208.564		1527	35000	41.0139	-78.8164	41 00 49.991 N	078 48 58.884 W
REM	13:15:48.315	9:15:48	Reinforced	212.375	229.834	39600	1527	35000	41.0069	-78.8180	41 00 24.849 N	078 49 04.728 W
PLA	13:15:53.670	9:15:54	Reinforced	138.625	338.115		1527	35000	41.0190	-78.8387	41 01 08.373 N	078 50 19.388 W
DAN	13:15:55.735	9:15:56	Reinforced	111.125	209.355		1527	35000	41.0204	-78.8499	41 01 13.452 N	078 50 59.702 W
GIB	13:15:57.050	9:15:57	Reinforced	192.625	293.115	38800	1527	35000	41.0196	-78.8515	41 01 10.700 N	078 51 05.345 W
REM	13:16:00.690	9:16:01	Reinforced	213.250	230.273	39600	1527	35000	41.0172	-78.8564	41 01 01.750 N	078 51 22.986 W
PLA	13:16:05.585	9:16:06	Reinforced	139.375	337.588		1527	35000	41.0222	-78.8710	41 01 20.043 N	078 52 15.765 W
DAN	13:16:05.865	9:16:06	Reinforced	111.625	209.883		1527	35000	41.0213	-78.8750	41 01 16.733 N	078 52 29.852 W
GIB	13:16:09.205	9:16:09	Reinforced	194.000	293.027	34800	1527	35000	41.0231	-78.8821	41 01 23.011 N	078 52 55.646 W
REM	13:16:12.660	9:16:13	Reinforced	214.125	230.625	41600	1527	35000	41.0236	-78.8900	41 01 25.025 N	078 53 23.947 W
DAN	13:16:15.985	9:16:16	Reinforced	112.000	210.410		1527	35000	41.0242	-78.8987	41 01 27.286 N	078 53 55.386 W
PLA	13:16:17.430	9:16:17	Reinforced	140.125	336.973		1527	35000	41.0238	-78.9079	41 01 25.516 N	078 54 28.358 W
GIB	13:16:21.110	9:16:21	Reinforced	195.375	292.764	37600	1527	35000	41.0170	-78.9174	41 01 01.348 N	078 55 02.485 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
REM	13:16:24.715	9:16:25	Reinforced	215.125	230.889	39600	1527	35000	41.0248	-78.9209	41 01 29.289 N	078 55 15.128 W
DAN	13:16:26.120	9:16:26	Reinforced	112.375	210.937		1527	35000	41.0274	-78.9225	41 01 38.521 N	078 55 21.032 W
PLA	13:16:29.390	9:16:29	Reinforced	140.875	336.533		1527	35000	41.0279	-78.9362	41 01 40.349 N	078 56 10.452 W
GIB	13:16:33.216	9:16:33	Reinforced	196.875	292.588	34000	1527	35000	41.0162	-78.9529	41 00 58.419 N	078 57 10.500 W
DAN	13:16:36.165	9:16:36	Reinforced	112.875	211.553		1527	35000	41.0304	-78.9510	41 01 49.264 N	078 57 03.615 W
DAN	13:16:36.260	9:16:36	Search	112.500	211.113				41.0266	-78.9319	41 01 35.705 N	078 55 54.765 W
REM	13:16:36.650	9:16:37	Reinforced	216.000	231.064	36800	1527	35000	41.0234	-78.9449	41 01 24.171 N	078 56 41.754 W
PLA	13:16:41.220	9:16:41	Reinforced	141.625	336.182		1527	35000	41.0333	-78.9604	41 01 59.854 N	078 57 37.496 W
GIB	13:16:45.130	9:16:45	Reinforced	198.250	292.764	36800	1527	35000	41.0336	-78.9768	41 02 00.872 N	078 58 36.414 W
DAN	13:16:46.300	9:16:46	Reinforced	113.375	212.080		1527	35000	41.0321	-78.9763	41 01 55.578 N	078 58 34.650 W
REM	13:16:48.720	9:16:49	Reinforced	216.875	231.416	37600	1527	35000	41.0304	-78.9787	41 01 49.373 N	078 58 43.205 W
PLA	13:16:53.185	9:16:53	Reinforced	142.500	335.742		1527	35000	41.0389	-78.9903	41 02 20.079 N	078 59 24.904 W
DAN	13:16:56.420	9:16:56	Reinforced	113.875	212.607		1527	35000	41.0341	-79.0016	41 02 02.649 N	079 00 05.920 W
GIB	13:16:57.185	9:16:57	Reinforced	199.625	292.588	36800	1527	35000	41.0319	-79.0098	41 01 54.819 N	079 00 35.383 W
REM	13:17:00.650	9:17:01	Reinforced	217.875	231.768	38800	1527	35000	41.0362	-79.0145	41 02 10.445 N	079 00 52.261 W
PLA	13:17:05.045	9:17:05	Reinforced	143.250	335.215		1527	35000	41.0408	-79.0235	41 02 27.021 N	079 01 24.424 W
DAN	13:17:06.565	9:17:07	Reinforced	114.375	213.398		1527	35000	41.0409	-79.0368	41 02 27.353 N	079 02 12.599 W
GIB	13:17:09.235	9:17:09	Reinforced	201.125	292.588	35200	1527	35000	41.0404	-79.0409	41 02 25.540 N	079 02 27.178 W
REM	13:17:12.705	9:17:13	Reinforced	218.750	231.855	37600	1527	35000	41.0309	-79.0339	41 01 51.386 N	079 02 02.126 W
DAN	13:17:16.685	9:17:17	Reinforced	114.750	213.838		1527	35000	41.0436	-79.0575	41 02 36.827 N	079 03 27.177 W
PLA	13:17:16.965	9:17:17	Reinforced	144.125	334.512		1527	35000	41.0411	-79.0667	41 02 27.921 N	079 04 00.278 W
GIB	13:17:21.165	9:17:21	Search	202.500	292.412	34000			41.0386	-79.0742	41 02 18.839 N	079 04 27.069 W
REM	13:17:24.650	9:17:25	Reinforced	219.750	232.207	38000	1527	35000	41.0371	-79.0699	41 02 13.668 N	079 04 11.576 W
DAN	13:17:26.815	9:17:27	Reinforced	115.375	214.541		1527	35000	41.0477	-79.0911	41 02 51.802 N	079 05 27.803 W
PLA	13:17:28.895	9:17:29	Reinforced	144.875	334.424		1527	35000	41.0507	-79.0785	41 03 02.342 N	079 04 42.449 W
GIB	13:17:32.915	9:17:33	Reinforced	203.875	292.236	35600	1527	35000	41.0364	-79.1071	41 02 11.206 N	079 06 25.629 W
REM	13:17:36.585	9:17:37	Reinforced	220.750	232.383	38400	1527	35000	41.0349	-79.0963	41 02 05.750 N	079 05 46.638 W
DAN	13:17:36.960	9:17:37	Reinforced	115.875	215.068		1527	35000	41.0492	-79.1179	41 02 57.258 N	079 07 04.391 W
PLA	13:17:40.775	9:17:41	Reinforced	145.750	333.896		1527	35000	41.0537	-79.1134	41 03 13.206 N	079 06 48.224 W
GIB	13:17:45.165	9:17:45	Search	205.375	292.236	36000			41.0448	-79.1381	41 02 41.121 N	079 08 17.008 W
DAN	13:17:47.075	9:17:47	Reinforced	116.375	215.596		1527	35000	41.0538	-79.1422	41 03 13.691 N	079 08 32.055 W
PLA	13:17:52.695	9:17:53	Reinforced	146.625	333.281		1527	35000	41.0546	-79.1529	41 03 16.688 N	079 09 10.483 W
GIB	13:17:57.115	9:17:57	Reinforced	206.750	292.148	33600	1527	35000	41.0475	-79.1691	41 02 50.963 N	079 10 08.864 W
DAN	13:17:57.225	9:17:57	Reinforced	116.875	216.123		1527	35000	41.0559	-79.1691	41 03 21.176 N	079 10 08.725 W
REM	13:18:00.585	9:18:01	Reinforced	222.625	232.910	36800	1527	35000	41.0409	-79.1568	41 02 27.193 N	079 09 24.309 W
PLA	13:18:04.565	9:18:05	Reinforced	147.500	332.930		1527	35000	41.0605	-79.1795	41 03 37.895 N	079 10 46.063 W
DAN	13:18:07.345	9:18:07	Reinforced	117.500	216.475			35000	41.0544	-79.1899	41 03 15.695 N	079 11 23.613 W
GIB	13:18:08.970	9:18:09	Reinforced	208.125	292.148	34800		35000	41.0551	-79.1977	41 03 18.426 N	079 11 51.857 W
REM	13:18:12.860	9:18:13	Reinforced	223.625	233.437	36000		35000	41.0568	-79.2023	41 03 24.408 N	079 12 08.288 W
DAN	13:18:17.375	9:18:17	Reinforced	118.000	217.178			35000	41.0617	-79.2221	41 03 42.212 N	079 13 19.452 W
GIB	13:18:21.095	9:18:21	Reinforced	209.625	292.061	38400	1527	35000	41.0584	-79.2312	41 03 30.091 N	079 13 52.370 W
DAN	13:18:27.505	9:18:28	Reinforced	118.625	217.969		1527	28000	41.0696	-79.2591	41 04 10.574 N	079 15 32.691 W
PLA	13:18:28.325	9:18:28	Reinforced	149.125	331.875		1527	35000	41.0626	-79.2493	41 03 45.338 N	079 14 57.536 W
GIB	13:18:33.150	9:18:33	Reinforced	211.000	291.973	35200	1527	35000	41.0608	-79.2622	41 03 39.024 N	079 15 43.757 W
REM	13:18:37.185	9:18:37	Search	225.625	233.965	37600			41.0627	-79.2649	41 03 45.787 N	079 15 53.613 W
DAN	13:18:37.645	9:18:38	Reinforced	119.125	218.232		1527	35000	41.0685	-79.2753	41 04 06.559 N	079 16 30.969 W
PLA	13:18:40.355	9:18:40	Search	150.000	331.523				41.0688	-79.2770	41 04 07.551 N	079 16 37.344 W
GIB	13:18:44.835	9:18:45	Reinforced	212.375	291.885	33200	1527	35000	41.0632	-79.2931	41 03 47.679 N	079 17 35.224 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
REM	13:18:48.695	9:18:49	Reinforced	226.625	234.229	37600	1527	35000	41.0658	-79.2964	41 03 57.050 N	079 17 47.006 W
PLA	13:18:52.105	9:18:52	Reinforced	151.000	330.996		1527	35000	41.0709	-79.3137	41 04 15.143 N	079 18 49.470 W
GIB	13:18:57.175	9:18:57	Reinforced	213.875	291.797	34400	1527	35000	41.0662	-79.3267	41 03 58.493 N	079 19 36.149 W
DAN	13:18:57.915	9:18:58	Reinforced	120.375	219.111		1527	35000	41.0716	-79.3231	41 04 17.750 N	079 19 23.132 W
REM	13:19:00.640	9:19:01	Reinforced	227.625	234.668	41600	1527	35000	41.0780	-79.3379	41 04 40.873 N	079 20 16.287 W
PLA	13:19:04.045	9:19:04	Reinforced	151.875	330.645		1527	35000	41.0757	-79.3411	41 04 32.504 N	079 20 27.995 W
DAN	13:19:08.040	9:19:08	Reinforced	121.000	219.551		1527	35000	41.0729	-79.3476	41 04 22.560 N	079 20 51.391 W
GIB	13:19:09.100	9:19:09	Reinforced	215.250	291.797	34800	1527	35000	41.0737	-79.3554	41 04 25.300 N	079 21 19.313 W
REM	13:19:12.595	9:19:13	Reinforced	228.625	234.756	42000	527	35000	41.0723	-79.3600	41 04 20.394 N	079 21 35.842 W
PLA	13:19:15.890	9:19:16	Reinforced	152.750	330.205		1527	35000	41.0783	-79.3730	41 04 42.025 N	079 22 22.975 W
DAN	13:19:18.170	9:19:18	Reinforced	121.625	219.990		1527	35000	41.0745	-79.3722	41 04 28.043 N	079 22 19.899 W
GIB	13:19:21.050	9:19:21	Reinforced	216.750	291.621	30800	1527	35000	41.0713	-79.3914	41 04 16.793 N	079 23 28.883 W
REM	13:19:24.855	9:19:25	Reinforced	229.500	234.932	39200	1527	35000	41.0726	-79.3847	41 04 21.328 N	079 23 04.802 W
PLA	13:19:27.820	9:19:28	Reinforced	153.625	329.678		1527	35000	41.0787	-79.4096	41 04 43.287 N	079 24 34.447 W
DAN	13:19:28.215	9:19:28	Reinforced	122.250	220.693		1527	35000	41.0821	-79.4064	41 04 55.593 N	079 24 23.071 W
GIB	13:19:33.100	9:19:33	Reinforced	218.125	291.533	33200	1527	35000	41.0734	-79.4224	41 04 24.306 N	079 25 20.676 W
REM	13:19:36.715	9:19:37	Reinforced	230.625	235.107	37600	1527	35000	41.0704	-79.4138	41 04 13.400 N	079 24 49.581 W
DAN	13:19:38.345	9:19:38	Reinforced	122.875	221.133		1527	35000	41.0841	-79.4311	41 05 02.733 N	079 25 52.020 W
DTW	13:19:39.095	9:19:39	Beacon	195.125	110.303		1527	35000	41.0773	-79.4441	41 04 38.234 N	079 26 38.874 W
PLA	13:19:39.695	9:19:40	Reinforced	154.625	329.238		1527	35000	41.0826	-79.4433	41 04 57.222 N	079 26 35.780 W
GIB	13:19:44.840	9:19:45	Reinforced	219.500	291.621	34800	1527	35000	41.0861	-79.4488	41 05 09.787 N	079 26 55.519 W
DAN	13:19:48.465	9:19:48	Reinforced	123.500	221.572		1527	35000	41.0863	-79.4559	41 05 10.555 N	079 27 21.190 W
REM	13:19:48.765	9:19:49	Reinforced	231.625	235.635	38400	1527	35000	41.0884	-79.4597	41 05 18.121 N	079 27 35.004 W
DTW	13:19:49.215	9:19:49	Beacon	194.000	110.215		1527	35000	41.0893	-79.4649	41 05 21.554 N	079 27 53.516 W
PLA	13:19:51.615	9:19:52	Reinforced	155.500	328.975		1527	35000	41.0886	-79.4668	41 05 19.087 N	079 28 00.514 W
GIB	13:19:57.090	9:19:57	Reinforced	221.000	291.621	37600	1527	35000	41.0941	-79.4801	41 05 38.649 N	079 28 48.268 W
DAN	13:19:58.615	9:19:59	Reinforced	124.125	222.275		1527	35000	41.0949	-79.4902	41 05 41.479 N	079 29 24.755 W
DTW	13:19:59.360	9:19:59	Beacon	192.750	110.039		1527	35000	41.1065	-79.4852	41 06 23.400 N	079 29 06.766 W
REM	13:20:00.700	9:20:01	Reinforced	232.625	235.811	38000	1527	35000	41.0878	-79.4868	41 05 15.927 N	079 29 12.317 W
PLA	13:20:03.480	9:20:03	Reinforced	156.500	328.447		1527	35000	41.0899	-79.5053	41 05 23.607 N	079 30 19.064 W
DAN	13:20:08.740	9:20:09	Reinforced	124.750	222.539		1527	35000	41.0933	-79.5088	41 05 35.817 N	079 30 31.553 W
GIB	13:20:08.875	9:20:09	Reinforced	222.375	291.533	40000	1527	35000	41.0960	-79.5112	41 05 45.706 N	079 30 40.276 W
DTW	13:20:09.475	9:20:09	Beacon	191.625	110.479		1527	35000	41.0912	-79.5207	41 05 28.299 N	079 31 14.456 W
REM	13:20:12.725	9:20:13	Reinforced	233.625	235.898	39200	1527	35000	41.0825	-79.5091	41 04 56.913 N	079 30 32.729 W
PLA	13:20:15.415	9:20:15	Reinforced	157.375	328.184		1527	35000	41.0956	-79.5291	41 05 44.259 N	079 31 44.792 W
DAN	13:20:18.860	9:20:19	Reinforced	125.500	223.066		1527	35000	41.0966	-79.5387	41 05 47.885 N	079 32 19.296 W
DTW	13:20:19.515	9:20:20	Beacon	190.500	110.479		1527	35000	41.0986	-79.5435	41 05 54.797 N	079 32 36.572 W
GIB	13:20:21.215	9:20:21	Reinforced	223.875	291.182	43200	1527	35000	41.0823	-79.5521	41 04 56.246 N	079 33 07.435 W
REM	13:20:25.005	9:20:25	Search	234.625	236.162	41200			41.0874	-79.5399	41 05 14.777 N	079 32 23.539 W
PLA	13:20:27.280	9:20:27	Reinforced	158.375	327.568		1527	35000	41.0941	-79.5724	41 05 38.635 N	079 34 20.604 W
DAN	13:20:28.900	9:20:29	Reinforced	126.125	223.594		1527	35000	41.1018	-79.5668	41 06 06.502 N	079 34 00.625 W
DTW	13:20:29.650	9:20:30	Reinforced	189.250	110.303		1527	35000	41.1156	-79.5639	41 06 56.254 N	079 33 49.863 W
GIB	13:20:33.150	9:20:33	Reinforced	225.250	291.270	36000	1527	35000	41.0949	-79.5785	41 05 41.683 N	079 34 42.528 W
REM	13:20:36.970	9:20:37	Search	235.625	236.514	42400			41.0969	-79.5763	41 05 48.890 N	079 34 34.550 W
DAN	13:20:39.010	9:20:39	Reinforced	126.875	223.945		1527	35000	41.1013	-79.5906	41 06 04.699 N	079 35 26.175 W
PLA	13:20:39.195	9:20:39	Reinforced	159.250	327.480		1527	35000	41.1040	-79.5875	41 06 14.250 N	079 35 15.176 W
DTW	13:20:39.770	9:20:40	Beacon	188.125	110.654		1527	35000	41.1052	-79.5967	41 06 18.878 N	079 35 47.968 W
GIB	13:20:45.130	9:20:45	Reinforced	226.625	291.182	37600	1527	35000	41.0966	-79.6097	41 05 47.753 N	079 36 34.763 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
REM	13:20:48.900	9:20:49	Reinforced	236.750	236.602	39200	1527	35000	41.0899	-79.6023	41 05 23.724 N	079 36 08.119 W
DAN	13:20:49.155	9:20:49	Reinforced	127.500	224.473		1527	35000	41.1069	-79.6189	41 06 24.960 N	079 37 07.873 W
DTW	13:20:49.890	9:20:50	Beacon	186.875	110.654		1527	35000	41.1135	-79.6220	41 06 48.470 N	079 37 19.144 W
PLA	13:20:51.140	9:20:51	Reinforced	160.250	327.041		1527	35000	41.1064	-79.6222	41 06 23.022 N	079 37 20.034 W
GIB	13:20:57.150	9:20:57	Reinforced	228.125	291.357	102000	1527	35000	41.1155	-79.6363	41 06 55.644 N	079 38 10.542 W
DAN	13:20:59.275	9:20:59	Reinforced	128.250	224.824		1527	35000	41.1068	-79.6428	41 06 24.459 N	079 38 33.943 W
DTW	13:20:59.920	9:21:00	Beacon	185.750	110.742		1527	35000	41.1165	-79.6473	41 06 59.396 N	079 38 50.134 W
REM	13:21:00.970	9:21:01	Reinforced	237.750	236.953	37200	1527	35000	41.0996	-79.6390	41 05 58.736 N	079 38 20.236 W
PLA	13:21:02.980	9:21:03	Reinforced	161.250	326.602		1527	35000	41.1085	-79.6571	41 06 30.773 N	079 39 25.487 W
GIB	13:21:08.905	9:21:09	Reinforced	229.500	291.182	102000	1527	35000	41.1115	-79.6699	41 06 41.491 N	079 40 11.613 W
DAN	13:21:09.320	9:21:09	Reinforced	128.875	225.264		1527	35000	41.1106	-79.6680	41 06 38.155 N	079 40 04.695 W
DTW	13:21:10.055	9:21:10	Beacon	184.500	111.006		1527	35000	41.1118	-79.6800	41 06 42.353 N	079 40 48.014 W
REM	13:21:12.910	9:21:13	Reinforced	238.750	237.305	43200	1527	35000	41.1096	-79.6757	41 06 34.615 N	079 40 32.391 W
PLA	13:21:14.915	9:21:15	Reinforced	162.250	326.250		1527	35000	41.1128	-79.6876	41 06 46.065 N	079 41 15.381 W
DAN	13:21:19.560	9:21:20	Reinforced	129.625	225.791		1527	35000	41.1154	-79.6983	41 06 55.521 N	079 41 53.784 W
DTW	13:21:20.295	9:21:20	Beacon	183.375	110.918		1527	35000	41.1235	-79.7003	41 07 24.772 N	079 42 01.016 W
GIB	13:21:20.925	9:21:21	Reinforced	231.000	291.094	102000	1527	35000	41.1137	-79.7037	41 06 49.292 N	079 42 13.494 W
REM	13:21:24.950	9:21:25	Reinforced	239.875	237.480	38400	1527	35000	41.1086	-79.7052	41 06 31.085 N	079 42 18.863 W
PLA	13:21:26.795	9:21:27	Reinforced	163.250	325.898		1527	35000	41.1168	-79.7183	41 07 00.607 N	079 43 05.807 W
DAN	13:21:29.695	9:21:30	Reinforced	130.375	226.143		1527	35000	41.1158	-79.7224	41 06 57.008 N	079 43 20.595 W
DTW	13:21:30.230	9:21:30	Reinforced	182.250	111.094		1527	35000	41.1225	-79.7280	41 07 20.886 N	079 43 40.648 W
GIB	13:21:32.750	9:21:33	Reinforced	232.375	290.918	39600	1527	35000	41.1095	-79.7374	41 06 34.144 N	079 44 14.675 W
REM	13:21:36.895	9:21:37	Reinforced	240.875	237.744	40000	1527	35000	41.1140	-79.7373	41 06 50.354 N	079 44 14.338 W
PLA	13:21:38.710	9:21:39	Reinforced	164.250	325.371		1527	35000	41.1158	-79.7581	41 06 56.701 N	079 45 29.123 W
DAN	13:21:39.705	9:21:40	Reinforced	131.125	226.582		1527	35000	41.1188	-79.7497	41 07 07.617 N	079 44 58.892 W
DTW	13:21:40.360	9:21:40	Reinforced	181.000	111.270		1527	35000	41.1223	-79.7581	41 07 20.418 N	079 45 29.267 W
GIB	13:21:44.875	9:21:45	Reinforced	233.750	291.094	102000	1527	35000	41.1279	-79.7614	41 07 40.285 N	079 45 41.145 W
REM	13:21:48.735	9:21:49	Reinforced	241.875	237.920	43200	1527	35000	41.1144	-79.7647	41 06 52.019 N	079 45 53.029 W
DAN	13:21:49.940	9:21:50	Reinforced	131.875	227.021		1527	35000	41.1219	-79.7771	41 07 19.018 N	079 46 37.409 W
DTW	13:21:50.490	9:21:50	Reinforced	179.875	111.182		1527	35000	41.1341	-79.7784	41 08 02.746 N	079 46 42.245 W
PLA	13:21:50.640	9:21:51	Reinforced	165.250	325.195		1527	35000	41.1243	-79.7801	41 07 27.417 N	079 46 48.224 W
GIB	13:21:56.885	9:21:57	Reinforced	235.250	290.918	44400	1527	35000	41.1241	-79.7978	41 07 26.887 N	079 47 51.995 W
DAN	13:21:59.970	9:22:00	Reinforced	132.625	227.373		1527	35000	41.1229	-79.8014	41 07 22.447 N	079 48 04.933 W
DTW	13:22:00.505	9:22:01	Reinforced	178.625	111.445		1527	35000	41.1299	-79.8110	41 07 47.736 N	079 48 39.430 W
REM	13:22:00.910	9:22:01	Reinforced	243.000	238.184	39600	1527	35000	41.1189	-79.7991	41 07 08.057 N	079 47 56.894 W
PLA	13:22:02.495	9:22:02	Reinforced	166.250	324.844		1527	35000	41.1277	-79.8112	41 07 39.676 N	079 48 40.197 W
GIB	13:22:09.345	9:22:09	Search	236.625	290.918	102000			41.1311	-79.8267	41 07 52.072 N	079 49 35.966 W
DAN	13:22:10.110	9:22:10	Reinforced	133.375	227.900		1527	35000	41.1289	-79.8320	41 07 44.207 N	079 49 55.060 W
DTW	13:22:10.645	9:22:11	Reinforced	177.500	111.445		1527	35000	41.1375	-79.8336	41 08 15.072 N	079 50 01.114 W
REM	13:22:12.840	9:22:13	Reinforced	244.000	238.447	38400	1527	35000	41.1247	-79.8313	41 07 29.006 N	079 49 52.746 W
PLA	13:22:14.445	9:22:14	Beacon	167.250	324.404		1527	35000	41.1283	-79.8469	41 07 41.929 N	079 50 48.926 W
DAN	13:22:20.150	9:22:20	Reinforced	134.125	228.340		1527	35000	41.1328	-79.8595	41 07 58.001 N	079 51 34.175 W
DTW	13:22:20.775	9:22:21	Reinforced	176.375	111.621		1527	35000	41.1369	-79.8612	41 08 12.752 N	079 51 40.225 W
REM	13:22:24.905	9:22:25	Reinforced	245.125	238.711	38800	1527	35000	41.1295	-79.8658	41 07 46.314 N	079 51 56.887 W
PLA	13:22:26.310	9:22:26	Reinforced	168.250	324.141		1527	35000	41.1339	-79.8738	41 08 01.883 N	079 52 25.631 W
DAN	13:22:30.280	9:22:30	Reinforced	134.875	228.691		1527	35000	41.1343	-79.8840	41 08 03.496 N	079 53 02.338 W
DTW	13:22:30.910	9:22:31	Reinforced	175.125	111.797		1527	35000	41.1372	-79.8912	41 08 13.900 N	079 53 28.287 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
REM	13:22:36.845	9:22:37	Reinforced	246.125	238.887	40000	1527	35000	41.1305	-79.8934	41 07 49.769 N	079 53 36.139 W
PLA	13:22:38.230	9:22:38	Reinforced	169.250	323.701		1527	35000	41.1340	-79.9098	41 08 02.312 N	079 54 35.364 W
DAN	13:22:40.285	9:22:40	Reinforced	135.625	229.131		1527	35000	41.1386	-79.9116	41 08 18.786 N	079 54 41.829 W
DTW	13:22:40.930	9:22:41	Reinforced	174.000	111.973		1527	35000	41.1368	-79.9187	41 08 12.388 N	079 55 07.175 W
REM	13:22:48.780	9:22:49	Reinforced	247.250	239.238	40400	1527	35000	41.1409	-79.9326	41 08 27.065 N	079 55 57.356 W
PLA	13:22:50.055	9:22:50	Beacon	170.250	323.350		1527	35000	41.1365	-79.9415	41 08 11.331 N	079 56 29.292 W
DAN	13:22:50.535	9:22:51	Reinforced	136.375	229.482		1527	35000	41.1404	-79.9362	41 08 25.569 N	079 56 10.387 W
DTW	13:22:51.060	9:22:51	Reinforced	172.875	111.973		1527	35000	41.1445	-79.9413	41 08 40.215 N	079 56 28.579 W
DAN	13:23:00.670	9:23:01	Reinforced	137.250	229.922		1527	35000	41.1437	-79.9660	41 08 37.381 N	079 57 57.642 W
REM	13:23:00.845	9:23:01	Reinforced	248.375	239.150	40400	1527	35000	41.1251	-79.9485	41 07 30.441 N	079 56 54.616 W
DTW	13:23:01.195	9:23:01	Reinforced	171.625	112.061		1527	35000	41.1491	-79.9688	41 08 56.740 N	079 58 07.658 W
PLA	13:23:02.015	9:23:02	Reinforced	171.250	323.086		1527	35000	41.1415	-79.9687	41 08 29.345 N	079 58 07.365 W
DAN	13:23:10.695	9:23:11	Reinforced	138.000	230.273		1527	35000	41.1460	-79.9907	41 08 45.494 N	079 59 26.604 W
DTW	13:23:11.335	9:23:11	Reinforced	170.500	112.148		1527	35000	41.1529	-79.9938	41 09 10.353 N	079 59 37.617 W
REM	13:23:12.890	9:23:13	Reinforced	249.375	239.502	36400	1527	35000	41.1369	-79.9855	41 08 13.008 N	079 59 07.976 W
DAN	13:23:20.810	9:23:21	Reinforced	138.750	230.625		1527	35000	41.1484	-80.0155	41 08 54.208 N	080 00 55.744 W
DTW	13:23:21.470	9:23:21	Reinforced	169.375	112.148		1527	35000	41.1606	-80.0164	41 09 38.315 N	080 00 58.961 W
PLA	13:23:25.800	9:23:26	Reinforced	173.375	322.295		1527	35000	41.1443	-80.0389	41 08 39.461 N	080 02 20.084 W
DAN	13:23:30.945	9:23:31	Reinforced	139.625	231.064		1527	35000	41.1523	-80.0455	41 09 08.387 N	080 02 43.639 W
DTW	13:23:31.600	9:23:32	Beacon	168.125	113.115		1527	35000	41.1264	-80.0678	41 07 35.164 N	080 04 04.093 W
PLA	13:23:37.745	9:23:38	Reinforced	174.500	322.119		1527	35000	41.1532	-80.0637	41 09 11.462 N	080 03 49.418 W
DAN	13:23:40.975	9:23:41	Reinforced	140.375	231.328		1527	35000	41.1524	-80.0673	41 09 08.594 N	080 04 02.112 W
DTW	13:23:41.620	9:23:42	Reinforced	167.000	112.500		1527	35000	41.1615	-80.0735	41 09 41.454 N	080 04 24.569 W
PLA	13:23:49.585	9:23:50	Reinforced	175.500	321.680		1527	35000	41.1518	-80.1006	41 09 06.387 N	080 06 02.046 W
DAN	13:23:51.110	9:23:51	Reinforced	141.250	231.768		1527	35000	41.1567	-80.0973	41 09 24.297 N	080 05 50.424 W
DTW	13:23:51.765	9:23:52	Reinforced	165.875	112.676		1527	35000	41.1617	-80.1007	41 09 42.059 N	080 06 02.681 W
DAN	13:24:01.245	9:24:01	Reinforced	142.000	232.119		1527	35000	41.1599	-80.1223	41 09 35.602 N	080 07 20.276 W
PLA	13:24:01.530	9:24:02	Reinforced	176.500	321.504		1527	35000	41.1588	-80.1239	41 09 31.619 N	080 07 25.875 W
DTW	13:24:01.885	9:24:02	Reinforced	164.625	112.588		1527	35000	41.1743	-80.1234	41 10 27.402 N	080 07 24.327 W
DAN	13:24:11.385	9:24:11	Reinforced	142.875	232.471		1527	35000	41.1619	-80.1494	41 09 42.775 N	080 08 57.971 W
DTW	13:24:12.025	9:24:12	Reinforced	163.500	112.764		1527	35000	41.1746	-80.1506	41 10 28.474 N	080 09 02.214 W
PLA	13:24:13.370	9:24:13	Reinforced	177.625	321.152		1527	35000	41.1614	-80.1582	41 09 41.109 N	080 09 29.369 W
DAN	13:24:21.505	9:24:22	Reinforced	143.750	232.910		1527	35000	41.1669	-80.1797	41 10 00.923 N	080 10 46.841 W
DTW	13:24:22.055	9:24:22	Reinforced	162.375	113.027		1527	35000	41.1712	-80.1801	41 10 16.429 N	080 10 48.387 W
PLA	13:24:25.315	9:24:25	Reinforced	178.750	320.625		1527	35000	41.1578	-80.2017	41 09 28.205 N	080 12 06.239 W
DAN	13:24:31.635	9:24:32	Reinforced	144.500	233.174		1527	35000	41.1677	-80.2017	41 10 03.838 N	080 12 06.227 W
DTW	13:24:32.280	9:24:32	Reinforced	161.125	113.203		1527	35000	41.1727	-80.2097	41 10 21.610 N	080 12 34.998 W
PLA	13:24:37.160	9:24:37	Reinforced	179.750	320.449		1527	35000	41.1644	-80.2254	41 09 51.800 N	080 13 31.308 W
DAN	13:24:41.680	9:24:42	Reinforced	145.375	233.613		1527	35000	41.1732	-80.2321	41 10 23.531 N	080 13 55.433 W
DTW	13:24:42.310	9:24:42	Reinforced	160.000	113.291		1527	35000	41.1770	-80.2345	41 10 37.262 N	080 14 04.122 W
PLA	13:24:49.065	9:24:49	Reinforced	180.875	320.098		1527	35000	41.1663	-80.2601	41 09 58.674 N	080 15 36.221 W
DAN	13:24:51.800	9:24:52	Reinforced	146.250	233.877		1527	35000	41.1730	-80.2564	41 10 22.892 N	080 15 22.982 W
DTW	13:24:52.455	9:24:52	Reinforced	158.875	113.467		1527	35000	41.1778	-80.2615	41 10 39.915 N	080 15 41.508 W
PLA	13:25:00.950	9:25:01	Reinforced	182.000	319.746		1527	35000	41.1680	-80.2949	41 10 04.655 N	080 17 41.602 W
DAN	13:25:01.930	9:25:02	Reinforced	147.125	234.316		1527	35000	41.1789	-80.2868	41 10 44.181 N	080 17 12.537 W
DTW	13:25:02.575	9:25:03	Reinforced	157.750	113.555		1527	35000	41.1822	-80.2862	41 10 56.022 N	080 17 10.438 W
DAN	13:25:12.170	9:25:12	Beacon	148.000	234.756		1527	35000	41.1851	-80.3173	41 11 06.396 N	080 19 02.216 W
DTW	13:25:12.720	9:25:13	Reinforced	156.500	113.643		1527	35000	41.1877	-80.3134	41 11 15.567 N	080 18 48.236 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
PLA	13:25:12.915	9:25:13	Reinforced	183.000	319.570		1527	35000	41.1741	-80.3188	41 10 26.793 N	080 19 07.772 W
DAN	13:25:22.200	9:25:22	Reinforced	148.875	235.020		1527	35000	41.1854	-80.3418	41 11 07.590 N	080 20 30.356 W
DTW	13:25:22.735	9:25:23	Reinforced	155.375	113.906		1527	35000	41.1851	-80.3426	41 11 06.341 N	080 20 33.522 W
PLA	13:25:24.860	9:25:25	Beacon	184.125	319.307		1527	35000	41.1785	-80.3493	41 10 42.737 N	080 20 57.471 W
DAN	13:25:32.330	9:25:32	Reinforced	149.750	235.195		1527	35000	41.1828	-80.3633	41 10 58.211 N	080 21 47.823 W
DTW	13:25:32.970	9:25:33	Reinforced	154.250	113.994		1527	35000	41.1898	-80.3673	41 11 23.190 N	080 22 02.131 W
PLA	13:25:36.775	9:25:37	Beacon	185.250	319.043		1527	35000	41.1828	-80.3799	41 10 58.060 N	080 22 47.583 W
DAN	13:25:42.475	9:25:42	Reinforced	150.625	235.635		1527	35000	41.1896	-80.3939	41 11 22.592 N	080 23 38.020 W
DTW	13:25:43.000	9:25:43	Reinforced	153.125	113.994		1527	35000	41.1980	-80.3896	41 11 52.857 N	080 23 22.462 W
PLA	13:25:48.620	9:25:49	Beacon	186.375	318.604		1527	35000	41.1804	-80.4198	41 10 49.366 N	080 25 11.249 W
DAN	13:25:52.610	9:25:53	Reinforced	151.500	235.898		1527	35000	41.1904	-80.4185	41 11 25.335 N	080 25 06.699 W
DTW	13:25:53.150	9:25:53	Reinforced	151.875	114.258		1527	35000	41.1967	-80.4212	41 11 48.210 N	080 25 16.193 W
PLA	13:26:00.565	9:26:01	Reinforced	187.500	318.340		1527	35000	41.1842	-80.4506	41 11 03.175 N	080 27 02.217 W
DAN	13:26:02.635	9:26:03	Reinforced	152.375	236.250		1527	35000	41.1944	-80.4462	41 11 39.943 N	080 26 46.359 W
DTW	13:26:03.280	9:26:03	Reinforced	150.750	114.346		1527	35000	41.2016	-80.4457	41 12 05.698 N	080 26 44.512 W
PLA	13:26:12.405	9:26:12	Beacon	188.625	318.164		1127	34500	41.1916	-80.4775	41 11 29.909 N	080 28 38.958 W
DAN	13:26:12.755	9:26:13	Reinforced	153.250	236.602		1527	35000	41.1987	-80.4739	41 11 55.251 N	080 28 26.159 W
DTW	13:26:13.415	9:26:13	Reinforced	149.625	114.609		1527	35000	41.1997	-80.4747	41 11 58.749 N	080 28 29.011 W
DAN	13:26:22.890	9:26:23	Reinforced	154.125	236.953		1527	35000	41.2031	-80.5017	41 12 11.260 N	080 30 06.092 W
DTW	13:26:23.535	9:26:24	Reinforced	148.375	114.609		1527	35000	41.2090	-80.4994	41 12 32.351 N	080 29 57.867 W
PLA	13:26:24.375	9:26:24	Beacon	189.750	317.812		1527	35000	41.1914	-80.5126	41 11 28.904 N	080 30 45.327 W
DAN	13:26:32.930	9:26:33	Reinforced	155.000	237.129		1527	35000	41.2013	-80.5235	41 12 04.543 N	080 31 24.666 W
DTW	13:26:33.560	9:26:34	Reinforced	147.250	114.961		1527	35000	41.2040	-80.5306	41 12 14.229 N	080 31 50.128 W
PLA	13:26:36.270	9:26:36	Reinforced	190.875	317.637		1527	35000	41.1981	-80.5391	41 11 53.060 N	080 32 20.810 W
DAN	13:26:43.045	9:26:43	Reinforced	155.875	237.480		1527	35000	41.2060	-80.5514	41 12 21.733 N	080 33 04.899 W
DTW	13:26:43.795	9:26:44	Reinforced	146.125	115.049		1527	35000	41.2091	-80.5550	41 12 32.830 N	080 33 17.944 W
PLA	13:26:48.155	9:26:48	Beacon	192.000	317.373		1527	35000	41.2012	-80.5704	41 12 04.472 N	080 34 13.298 W
DAN	13:26:53.085	9:26:53	Reinforced	156.875	237.832		1527	35000	41.2098	-80.5815	41 12 35.418 N	080 34 53.473 W
DTW	13:26:53.820	9:26:54	Reinforced	145.000	115.137		1527	35000	41.2143	-80.5794	41 12 51.606 N	080 34 45.674 W
PLA	13:27:00.100	9:27:00	Reinforced	193.125	317.197		1527	35000	41.2077	-80.5971	41 12 27.736 N	080 35 49.449 W
DAN	13:27:03.310	9:27:03	Reinforced	157.750	238.008		1527	35000	41.2083	-80.6035	41 12 29.977 N	080 36 12.549 W
DTW	13:27:03.965	9:27:04	Reinforced	143.875	115.400		1527	35000	41.2131	-80.6082	41 12 47.038 N	080 36 29.342 W
PLA	13:27:11.915	9:27:12	Reinforced	194.250	316.670		1527	35000	41.2000	-80.6424	41 12 00.063 N	080 38 32.746 W
DAN	13:27:13.350	9:27:13	Reinforced	158.625	238.447		1527	35000	41.2170	-80.6344	41 13 01.244 N	080 38 03.884 W
DTW	13:27:14.100	9:27:14	Reinforced	142.750	115.664		1527	35000	41.2120	-80.6369	41 12 43.080 N	080 38 12.845 W
DAN	13:27:23.575	9:27:24	Beacon	159.625	238.535		1527	35000	41.2112	-80.6558	41 12 40.300 N	080 39 20.866 W
PLA	13:27:23.860	9:27:24	Reinforced	195.375	316.670		1527	35000	41.2132	-80.6601	41 12 47.626 N	080 39 36.228 W
DTW	13:27:24.215	9:27:24	Reinforced	141.500	115.576		1527	35000	41.2248	-80.6592	41 13 29.326 N	080 39 33.021 W
DAN	13:27:33.600	9:27:34	Reinforced	160.500	238.887		1527	35000	41.2168	-80.6838	41 13 00.649 N	080 41 01.802 W
DTW	13:27:34.360	9:27:34	Reinforced	140.375	115.840		1527	35000	41.2239	-80.6878	41 13 26.143 N	080 41 16.155 W
PLA	13:27:35.813	9:27:36	Reinforced	196.500	316.318		1527	35000	41.2121	-80.6964	41 12 43.704 N	080 41 46.902 W
DAN	13:27:43.735	9:27:44	Reinforced	161.375	239.326		1527	35000	41.2262	-80.7148	41 13 34.185 N	080 42 53.454 W
DTW	13:27:44.485	9:27:44	Reinforced	139.250	116.016		1527	34900	41.2263	-80.7142	41 13 34.851 N	080 42 51.110 W
PLA	13:27:47.635	9:27:48	Beacon	197.625	316.143		1527	34800	41.2181	-80.7235	41 13 05.010 N	080 43 24.532 W
DAN	13:27:53.765	9:27:54	Reinforced	162.375	239.502		1527	34600	41.2241	-80.7394	41 13 26.747 N	080 44 21.922 W
DTW	13:27:54.620	9:27:55	Reinforced	138.125	116.191		1527	34500	41.2288	-80.7405	41 13 43.856 N	080 44 25.699 W
PLA	13:27:59.585	9:28:00	Reinforced	198.875	315.791		1527	34400	41.2180	-80.7620	41 13 04.865 N	080 45 43.303 W
DAN	13:28:03.885	9:28:04	Reinforced	163.375	239.766		1527	34400	41.2257	-80.7670	41 13 32.399 N	080 46 01.065 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
DTW	13:28:04.645	9:28:05	Reinforced	136.875	116.455		1527	34400	41.2294	-80.7714	41 13 45.782 N	080 46 16.983 W
DAN	13:28:14.020	9:28:14	Reinforced	164.250	240.117		1527	34300	41.2321	-80.7951	41 13 55.422 N	080 47 42.495 W
DTW	13:28:14.665	9:28:15	Reinforced	135.750	116.543		1527	34300	41.2352	-80.7954	41 14 06.737 N	080 47 43.572 W
DAN	13:28:24.155	9:28:24	Reinforced	165.250	240.293		1527	34400	41.2304	-80.8198	41 13 49.443 N	080 49 11.145 W
DTW	13:28:24.800	9:28:25	Reinforced	134.625	116.807		1527	34400	41.2350	-80.8238	41 14 06.169 N	080 49 25.847 W
DAN	13:28:34.395	9:28:34	Beacon	166.250	240.645		1527	34500	41.2361	-80.8503	41 14 09.848 N	080 51 01.147 W
DTW	13:28:34.930	9:28:35	Reinforced	133.500	116.982		1527	34500	41.2380	-80.8500	41 14 16.960 N	080 51 00.103 W
DAN	13:28:44.340	9:28:44	Reinforced	167.125	240.908		1527	34600	41.2394	-80.8756	41 14 21.788 N	080 52 32.201 W
DTW	13:28:45.075	9:28:45	Reinforced	132.375	117.158		1527	34600	41.2411	-80.8762	41 14 28.131 N	080 52 34.192 W
DAN	13:28:54.460	9:28:54	Reinforced	168.125	241.084		1527	34700	41.2381	-80.9004	41 14 17.122 N	080 54 01.317 W
DTW	13:28:55.205	9:28:55	Reinforced	131.250	117.422		1527	34800	41.2414	-80.9044	41 14 29.167 N	080 54 15.955 W
DAN	13:29:04.605	9:29:05	Reinforced	169.000	241.260		1527	34900	41.2380	-80.9228	41 14 16.687 N	080 55 21.983 W
DTW	13:29:05.340	9:29:05	Reinforced	130.125	117.422		1527	34900	41.2506	-80.9262	41 15 02.079 N	080 55 34.214 W
DAN	13:29:14.720	9:29:15	Reinforced	170.000	241.436		1527	35000	41.2369	-80.9476	41 14 12.693 N	080 56 51.364 W
DTW	13:29:15.470	9:29:15	Reinforced	129.000	117.773		1527	35000	41.2482	-80.9565	41 14 53.611 N	080 57 23.229 W
DAN	13:29:24.760	9:29:25	Reinforced	170.875	241.787		1527	35000	41.2444	-80.9760	41 14 39.902 N	080 58 33.529 W
DTW	13:29:25.510	9:29:26	Reinforced	127.875	117.949		1527	35000	41.2518	-80.9824	41 15 06.367 N	080 58 56.534 W
DAN	13:29:34.880	9:29:35	Reinforced	171.875	242.227		1527	35000	41.2549	-81.0097	41 15 17.748 N	081 00 34.799 W
DTW	13:29:35.636	9:29:36	Reinforced	126.750	118.125		1527	35000	41.2554	-81.0082	41 15 19.498 N	081 00 29.661 W
DAN	13:29:45.110	9:29:45	Beacon	172.875	242.490		1527	35000	41.2581	-81.0375	41 15 29.043 N	081 02 15.162 W
DTW	13:29:45.750	9:29:46	Reinforced	125.625	118.477		1527	35000	41.2536	-81.0383	41 15 13.010 N	081 02 17.915 W
DAN	13:29:55.135	9:29:55	Reinforced	173.875	242.578		1527	35000	41.2536	-81.0596	41 15 13.109 N	081 03 34.709 W
DTW	13:29:55.900	9:29:56	Reinforced	124.500	118.652		1527	35000	41.2575	-81.0641	41 15 27.101 N	081 03 50.620 W
DAN	13:30:05.165	9:30:05	Reinforced	174.875	242.842		1527	35000	41.2570	-81.0876	41 15 25.305 N	081 05 15.346 W
DTW	13:30:05.940	9:30:06	Reinforced	123.375	118.740		1527	35000	41.2643	-81.0877	41 15 51.347 N	081 05 15.543 W
DAN	13:30:15.310	9:30:15	Reinforced	175.875	243.018		1527	35000	41.2564	-81.1134	41 15 22.901 N	081 06 48.118 W
DTW	13:30:16.060	9:30:16	Reinforced	122.250	118.916		1527	35000	41.2684	-81.1133	41 16 06.078 N	081 06 47.912 W
DAN	13:30:25.565	9:30:26	Beacon	176.750	243.281		1527	35000	41.2613	-81.1383	41 15 40.816 N	081 08 17.814 W
DTW	13:30:26.210	9:30:26	Reinforced	121.125	119.180		1527	35000	41.2699	-81.1410	41 16 11.609 N	081 08 27.623 W
DAN	13:30:35.575	9:30:36	Reinforced	177.750	243.545		1527	35000	41.2652	-81.1663	41 15 54.568 N	081 09 58.781 W
DTW	13:30:36.330	9:30:36	Reinforced	120.000	119.531		1527	35000	41.2690	-81.1707	41 16 08.280 N	081 10 14.628 W
DAN	13:30:45.595	9:30:46	Reinforced	178.750	243.721		1527	35000	41.2651	-81.1915	41 15 54.459 N	081 11 29.423 W
DTW	13:30:46.450	9:30:46	Reinforced	118.875	119.707		1527	35000	41.2735	-81.1962	41 16 24.439 N	081 11 46.323 W
DAN	13:30:55.850	9:30:56	Beacon	179.750	243.984		1527	35000	41.2692	-81.2196	41 16 09.232 N	081 13 10.614 W
DTW	13:30:56.580	9:30:57	Reinforced	117.750	120.059		1527	35000	41.2729	-81.2258	41 16 22.510 N	081 13 32.798 W
DAN	13:31:05.876	9:31:06	Reinforced	180.750	244.160		1527	35000	41.2694	-81.2449	41 16 09.929 N	081 14 41.492 W
DTW	13:31:06.625	9:31:07	Reinforced	116.625	120.146		1527	35000	41.2802	-81.2490	41 16 48.736 N	081 14 56.568 W
DAN	13:31:15.995	9:31:16	Reinforced	181.750	244.424		1527	35000	41.2738	-81.2730	41 16 25.726 N	081 16 22.893 W
DTW	13:31:16.760	9:31:17	Reinforced	115.500	120.498		1527	35000	41.2800	-81.2785	41 16 48.079 N	081 16 42.494 W
DAN	13:31:26.020	9:31:26	Reinforced	182.750	244.687		1527	35000	41.2781	-81.3019	41 16 41.088 N	081 18 06.907 W
DTW	13:31:26.980	9:31:27	Reinforced	114.500	120.674		1527	35000	41.2839	-81.3013	41 17 02.030 N	081 18 04.853 W
DTW	13:31:37.005	9:31:37	Reinforced	113.375	120.850		1527	35000	41.2890	-81.3265	41 17 20.322 N	081 19 35.450 W
DTW	13:31:47.155	9:31:47	Reinforced	112.250	121.289		1527	35000	41.2869	-81.3578	41 17 12.904 N	081 21 27.926 W
DTW	13:31:57.285	9:31:57	Reinforced	111.125	121.553		1527	35000	41.2899	-81.3848	41 17 23.661 N	081 23 05.338 W
DAN	13:32:06.445	9:32:06	Reinforced	186.750	245.479		1527	35000	41.2851	-81.4063	41 17 06.371 N	081 24 22.767 W
DTW	13:32:07.420	9:32:07	Reinforced	110.000	121.904		1527	35000	41.2907	-81.4138	41 17 26.541 N	081 24 49.814 W
DTW	13:32:17.550	9:32:18	Reinforced	109.000	122.080		1527	35000	41.2952	-81.4364	41 17 42.766 N	081 26 11.008 W
DTW	13:32:27.670	9:32:28	Reinforced	107.875	122.607		1527	35000	41.2918	-81.4693	41 17 30.517 N	081 28 09.527 W

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
DAN	13:32:36.951	9:32:37	Beacon	189.750	246.094		1527	35000	41.2929	-81.4849	41 17 34.479 N	081 29 05.722 W
DTW	13:32:37.805	9:32:38	Reinforced	106.750	122.695		1527	35000	41.3000	-81.4920	41 18 00.114 N	081 29 31.141 W
DAN	13:32:46.990	9:32:47	Beacon	190.875	246.270		1527	35000	41.2933	-81.5129	41 17 35.808 N	081 30 46.552 W
DTW	13:32:47.845	9:32:48	Reinforced	105.750	122.959		1527	35000	41.3027	-81.5164	41 18 09.592 N	081 30 58.868 W
DAN	13:32:57.110	9:32:57	Beacon	191.875	246.621		1527	35000	41.3035	-81.5442	41 18 12.529 N	081 32 39.126 W
DTW	13:32:57.980	9:32:58	Reinforced	104.625	123.135		1527	35000	41.3088	-81.5409	41 18 31.763 N	081 32 27.331 W
DTW	13:33:08.095	9:33:08	Reinforced	103.625	123.574		1527	35000	41.3074	-81.5691	41 18 26.555 N	081 34 08.936 W
DTW	13:33:18.225	9:33:18	Reinforced	102.500	123.926		1527	35000	41.3095	-81.5975	41 18 34.315 N	081 35 51.167 W
DTW	13:33:28.360	9:33:28	Reinforced	101.375	124.365		1527	35000	41.3098	-81.6278	41 18 35.286 N	081 37 40.206 W
DTW	13:33:38.495	9:33:38	Reinforced	100.375	124.629		1527	35000	41.3133	-81.6518	41 18 47.795 N	081 39 06.426 W
DTW	13:33:48.525	9:33:49	Reinforced	99.250	124.893		1527	35000	41.3181	-81.6779	41 19 05.234 N	081 40 40.415 W
DTW	13:33:58.775	9:33:59	Reinforced	98.250	125.244		1527	35100	41.3199	-81.7037	41 19 11.557 N	081 42 13.220 W
DTW	13:34:08.875	9:34:09	Reinforced	97.125	125.508		1527	35200	41.3251	-81.7296	41 19 30.231 N	081 43 46.597 W
DAN	13:34:17.940	9:34:18	Beacon	200.000	248.203		1527	35500	41.3271	-81.7577	41 19 37.627 N	081 45 27.621 W
DTW	13:34:19.010	9:34:19	Reinforced	96.125	125.859		1527	35500	41.3272	-81.7552	41 19 37.982 N	081 45 18.859 W
DTW	13:34:29.155	9:34:29	Reinforced	95.000	126.123		1527	35800	41.3328	-81.7810	41 19 57.934 N	081 46 51.685 W
DTW	13:34:39.285	9:34:39	Reinforced	94.000	126.562		1527	36000	41.3334	-81.8084	41 20 00.141 N	081 48 30.143 W
DTW	13:34:49.325	9:34:49	Reinforced	92.875	126.826		1527	36300	41.3393	-81.8339	41 20 21.380 N	081 50 02.198 W
DTW	13:34:59.455	9:34:59	Reinforced	91.875	127.178		1527	36500	41.3422	-81.8591	41 20 31.852 N	081 51 32.898 W
DTW	13:35:09.590	9:35:10	Reinforced	90.875	127.441		1527	36800	41.3471	-81.8823	41 20 49.588 N	081 52 56.401 W
DTW	13:35:19.725	9:35:20	Reinforced	90.000	127.881		1527	37000	41.3473	-81.9071	41 20 50.196 N	081 54 25.479 W
DTW	13:35:29.855	9:35:30	Reinforced	89.125	128.496		1527	37300	41.3442	-81.9356	41 20 39.032 N	081 56 08.087 W
DTW	13:35:40.000	9:35:40	Reinforced	88.375	129.023		1527	37500	41.3418	-81.9599	41 20 30.424 N	081 57 35.728 W
DTW	13:35:50.130	9:35:50	Reinforced	87.750	129.551		1527	37800	41.3383	-81.9821	41 20 17.893 N	081 58 55.615 W
DTW	13:36:00.265	9:36:00	Reinforced	87.375	130.254		1527	38000	41.3268	-82.0007	41 19 36.381 N	082 00 02.460 W
DTW	13:36:10.500	9:36:11	Beacon	87.000	131.045		1527	38200	41.3182	-82.0278	41 19 05.425 N	082 01 40.192 W
DTW	13:36:20.525	9:36:21	Reinforced	86.875	131.660		1527	38500	41.3082	-82.0438	41 18 29.359 N	082 02 37.666 W
DTW	13:36:30.660	9:36:31	Reinforced	86.750	132.451		1527	38700	41.2950	-82.0639	41 17 42.173 N	082 03 49.955 W
DTW	13:36:40.775	9:36:41	Reinforced	86.875	133.242		1527	39000	41.2793	-82.0802	41 16 45.390 N	082 04 48.761 W
DTW	13:36:50.910	9:36:51	Reinforced	87.250	133.945		1527	39200	41.2623	-82.0908	41 15 44.133 N	082 05 26.994 W
DTW	13:37:00.950	9:37:01	Reinforced	87.625	134.648		1527	39500	41.2453	-82.1018	41 14 43.097 N	082 06 06.538 W
DTW	13:37:11.065	9:37:11	Reinforced	88.250	135.352		1527	39700	41.2254	-82.1093	41 13 31.314 N	082 06 33.464 W
DTW	13:37:21.315	9:37:21	Reinforced	88.875	135.967		1527	39900	41.2070	-82.1150	41 12 25.039 N	082 06 54.094 W
DTW	13:37:31.330	9:37:31	Reinforced	89.625	136.494		1527	40200	41.1885	-82.1170	41 11 18.744 N	082 07 01.376 W
DTW	13:37:41.475	9:37:41	Reinforced	90.625	137.021		1527	40400	41.1669	-82.1157	41 10 01.001 N	082 06 56.458 W
DTW	13:37:51.610	9:37:52	Reinforced	91.500	137.285		1527	40700	41.1515	-82.1097	41 09 05.297 N	082 06 34.817 W
DTW	13:38:01.730	9:38:02	Reinforced	92.500	137.637		1527	40800	41.1328	-82.1043	41 07 57.981 N	082 06 15.432 W
DTW	13:38:11.885	9:38:12	Reinforced	93.625	137.637		1527	40800	41.1187	-82.0878	41 07 07.273 N	082 05 16.212 W
DTW	13:38:22.110	9:38:22	Reinforced	94.750	137.812		1527	40700	41.1014	-82.0762	41 06 05.010 N	082 04 34.210 W
DTW	13:38:32.140	9:38:32	Reinforced	95.875	137.900		1527	40700	41.0857	-82.0622	41 05 08.360 N	082 03 44.003 W
DTW	13:38:42.380	9:38:42	Reinforced	97.000	137.812		1527	40700	41.0731	-82.0434	41 04 23.297 N	082 02 36.325 W
DTW	13:38:52.515	9:38:53	Beacon	98.125	137.549		1527	40700	41.0640	-82.0196	41 03 50.283 N	082 01 10.631 W
DTW	13:39:02.450	9:39:02	Reinforced	99.125	137.461		1527	40700	41.0531	-82.0025	41 03 11.275 N	082 00 09.027 W
DTW	13:39:12.560	9:39:13	Reinforced	100.250	137.197		1527	40700	41.0442	-81.9785	41 02 39.024 N	081 58 42.538 W
DTW	13:39:22.710	9:39:23	Reinforced	101.250	136.934		1527	40700	41.0369	-81.9562	41 02 12.846 N	081 57 22.222 W
DTW	13:39:32.720	9:39:33	Reinforced	102.250	136.582		1527	40700	41.0315	-81.9312	41 01 53.443 N	081 55 52.336 W
DTW	13:39:42.840	9:39:43	Reinforced	103.250	136.230		1527	40600	41.0263	-81.9061	41 01 34.632 N	081 54 21.882 W
DTW	13:39:52.985	9:39:53	Reinforced	104.250	136.055		1527	40300	41.0176	-81.8859	41 01 03.313 N	081 53 09.291 W

This document was originally created by the USAF 84 RADES (Radar Evaluation Squadron) as an Excel spreadsheet titled "Radar Data All 4 Events.xls," which was distributed in a CD-ROM that is now available in .iso format by downloading both .rar files at <http://www.megaupload.com/?d=CIRSUZJ9> and <http://www.megaupload.com/?d=8AT86CJW> . 84 RADES home page: <http://www.rades.hill.af.mil/>

<http://www.911conspiracy.tv>

Site	Time (Zulu)	Time (ET)	Radar Message Type	Range	Azimuth Degrees	Height	Mode 3	Mode C Altitude	Decimal Latitude	Decimal Longitude	Latitude	Longitude
DTW	13:40:03.105	9:40:03	Reinforced	105.250	135.791		1527	39600	41.0107	-81.8630	41 00 38.662 N	081 51 46.830 W
DTW	13:40:13.245	9:40:13	Search	106.375	135.791				40.9946	-81.8431	40 59 40.730 N	081 50 35.210 W
DTW	13:40:23.390	9:40:23	Search	107.500	135.703				40.9828	-81.8235	40 58 58.191 N	081 49 24.762 W
DTW	13:40:33.525	9:40:34	Search	108.750	135.176				40.9791	-81.7887	40 58 44.756 N	081 47 19.481 W
DTW	13:40:43.645	9:40:44	Search	109.875	135.000				40.9694	-81.7663	40 58 09.911 N	081 45 58.655 W
DTW	13:40:53.555	9:40:54	Search	111.000	134.736				40.9618	-81.7411	40 57 42.484 N	081 44 27.838 W
DTW	13:41:03.690	9:41:04	Search	112.250	134.385				40.9549	-81.7111	40 57 17.510 N	081 42 40.032 W
DTW	13:41:13.835	9:41:14	Search	113.500	134.385				40.9401	-81.6920	40 56 24.330 N	081 41 31.256 W
DTW	13:41:23.955	9:41:24	Search	114.875	133.945				40.9342	-81.6572	40 56 02.954 N	081 39 26.086 W
DTW	13:41:33.995	9:41:34	Search	116.125	133.857				40.9216	-81.6352	40 55 17.708 N	081 38 06.897 W
DTW	13:41:44.095	9:41:44	Search	117.375	133.594				40.9133	-81.6076	40 54 47.920 N	081 36 27.463 W
DTW	13:41:54.225	9:41:54	Search	118.750	133.330				40.9037	-81.5779	40 54 13.488 N	081 34 40.590 W
DTW	13:42:04.360	9:42:04	Search	120.125	133.066				40.8943	-81.5481	40 53 39.637 N	081 32 53.148 W
DTW	13:42:14.425	9:42:14	Search	121.375	132.891				40.8842	-81.5227	40 53 03.150 N	081 31 21.896 W
DTW	13:42:24.545	9:42:25	Search	122.750	132.539				40.8772	-81.4896	40 52 38.060 N	081 29 22.566 W
DTW	13:42:34.690	9:42:35	Search	124.125	132.275				40.8682	-81.4592	40 52 05.588 N	081 27 32.964 W
DTW	13:42:44.825	9:42:45	Search	125.500	132.187				40.8547	-81.4344	40 51 16.990 N	081 26 03.761 W
DTW	13:42:54.960	9:42:55	Search	127.000	131.836				40.8469	-81.3988	40 50 48.887 N	081 23 55.544 W
DTW	13:43:04.865	9:43:05	Search	128.375	131.484				40.8408	-81.3650	40 50 26.854 N	081 21 53.879 W
DTW	13:43:15.005	9:43:15	Search	129.750	131.396				40.8276	-81.3399	40 49 39.410 N	081 20 23.558 W
DTW	13:43:25.150	9:43:25	Search	131.125	131.221				40.8169	-81.3118	40 49 01.007 N	081 18 42.301 W
DTW	13:43:35.285	9:43:35	Search	132.500	131.045				40.8064	-81.2835	40 48 23.003 N	081 17 00.698 W
DTW	13:43:45.390	9:43:45	Search	133.875	131.045				40.7909	-81.2613	40 47 27.222 N	081 15 40.608 W
DTW	13:43:55.420	9:43:55	Search	135.375	130.518				40.7893	-81.2187	40 47 21.627 N	081 13 07.180 W
DTW	13:44:05.460	9:44:05	Search	136.625	130.342				40.7806	-81.1921	40 46 50.081 N	081 11 31.732 W
DTW	13:44:15.590	9:44:16	Search	138.125	130.166				40.7691	-81.1615	40 46 08.921 N	081 09 41.241 W
DTW	13:44:25.720	9:44:26	Search	139.500	130.166				40.7539	-81.1389	40 45 13.995 N	081 08 20.183 W
DTW	13:44:35.840	9:44:36	Search	140.875	129.814				40.7494	-81.1039	40 44 57.833 N	081 06 13.962 W
DTW	13:44:45.890	9:44:46	Search	142.250	129.639				40.7397	-81.0750	40 44 22.898 N	081 04 29.825 W
DTW	13:44:56.020	9:44:56	Search	143.750	129.463				40.7287	-81.0439	40 43 43.439 N	081 02 37.923 W
DTW	13:45:06.035	9:45:06	Search	145.000	129.287				40.7206	-81.0168	40 43 14.251 N	081 01 00.568 W
DTW	13:45:16.175	9:45:16	Search	146.500	129.023				40.7127	-80.9823	40 42 45.855 N	080 58 56.431 W
DTW	13:45:36.320	9:45:36	Search	148.875	128.672				40.6985	-80.9299	40 41 54.521 N	080 55 47.603 W
DTW	13:46:06.735	9:46:07	Search	152.125	128.320				40.6752	-80.8625	40 40 30.867 N	080 51 44.902 W
DTW	13:46:26.795	9:46:27	Search	154.250	128.057				40.6616	-80.8170	40 39 41.646 N	080 49 01.205 W
DTW	13:46:37.035	9:46:37	Search	155.250	128.145				40.6479	-80.8036	40 38 52.364 N	080 48 12.870 W
DTW	13:46:47.050	9:46:47	Search	156.250	127.793				40.6495	-80.7734	40 38 58.153 N	080 46 24.363 W
DTW	13:46:57.170	9:46:57	Search	157.375	127.969				40.6314	-80.7613	40 37 52.975 N	080 45 40.512 W
DTW	13:47:07.300	9:47:07	Search	158.250	127.793				40.6283	-80.7398	40 37 41.878 N	080 44 23.295 W
PLA	14:01:44.740	10:01:45	Search	97.500	323.525				40.1821	-78.9621	40 10 55.556 N	078 57 43.698 W
PLA	14:01:44.755	10:01:45	Search	96.250	322.822				40.1535	-78.9660	40 09 12.575 N	078 57 57.570 W
PLA	14:01:56.595	10:01:57	Search	94.875	322.734				40.1339	-78.9501	40 08 02.112 N	078 57 00.325 W
PLA	14:02:08.540	10:02:09	Search	93.500	322.559				40.1129	-78.9366	40 06 46.468 N	078 56 11.649 W
PLA	14:02:20.370	10:02:20	Reinforced	92.125	322.471		1527	7800	40.0944	-78.9215	40 05 39.765 N	078 55 17.292 W
PLA	14:02:32.225	10:02:32	Beacon	90.750	321.943		1527	6100	40.0678	-78.9172	40 04 04.034 N	078 55 02.030 W