

pass #	AOS day	AOS time	TCA day	TCA time	LOD day	LOS time	Duration	Max EI	AOS Az	LOS Az	TCA (EST)
1	2/3/2021	3:18:48 PM	2/3/2021	3:22:58 PM	2/3/2021	3:27:09 PM	0:08:20	12.56	188.03	70.54	10:22:58 AM
2	2/3/2021	4:53:00 PM	2/3/2021	4:57:51 PM	2/3/2021	5:02:43 PM	0:09:43	45.02	241.94	46.12	11:57:51 AM
3	2/3/2021	6:29:39 PM	2/3/2021	6:33:37 PM	2/3/2021	6:37:35 PM	0:07:55	9.49	287.69	36.28	1:33:37 PM
4	2/3/2021	8:06:40 PM	2/3/2021	8:10:01 PM	2/3/2021	8:13:22 PM	0:06:42	5.54	318.74	46.06	3:10:01 PM
5	2/3/2021	9:42:07 PM	2/3/2021	9:46:19 PM	2/3/2021	9:50:30 PM	0:08:23	12.33	322.69	82.25	4:46:19 PM
6	2/4/2021	3:41:45 PM	2/4/2021	3:46:34 PM	2/4/2021	3:51:24 PM	0:09:39	44.7	216.85	55.83	10:46:34 AM
7	2/4/2021	5:17:23 PM	2/4/2021	5:21:52 PM	2/4/2021	5:26:22 PM	0:08:59	17.56	265.87	39.47	12:21:52 PM
8	2/4/2021	6:54:32 PM	2/4/2021	6:58:00 PM	2/4/2021	7:01:28 PM	0:06:56	6.14	306.48	37.71	1:58:00 PM
9	2/4/2021	8:30:46 PM	2/4/2021	8:34:26 PM	2/4/2021	8:38:06 PM	0:07:19	7.28	323.72	61.75	3:34:26 PM
10	2/5/2021	2:31:02 PM	2/5/2021	2:35:12 PM	2/5/2021	2:39:23 PM	0:08:20	12.65	188.27	70.42	9:35:12 AM
11	2/5/2021	4:05:12 PM	2/5/2021	4:10:03 PM	2/5/2021	4:14:54 PM	0:09:41	44.41	242.18	46.03	11:10:03 AM
12	2/5/2021	5:41:49 PM	2/5/2021	5:45:46 PM	2/5/2021	5:49:43 PM	0:07:53	9.4	287.95	36.19	12:45:46 PM
13	2/5/2021	7:18:47 PM	2/5/2021	7:22:07 PM	2/5/2021	7:25:28 PM	0:06:40	5.5	318.91	46.03	2:22:07 PM
14	2/5/2021	8:54:11 PM	2/5/2021	8:58:22 PM	2/5/2021	9:02:34 PM	0:08:22	12.31	322.73	82.31	3:58:22 PM
15	2/6/2021	2:53:19 PM	2/6/2021	2:58:08 PM	2/6/2021	3:02:57 PM	0:09:38	44.33	216.73	55.9	9:58:08 AM
16	2/6/2021	4:28:54 PM	2/6/2021	4:33:23 PM	2/6/2021	4:37:53 PM	0:08:58	17.55	265.82	39.44	11:33:23 AM
17	2/6/2021	6:06:01 PM	2/6/2021	6:09:28 PM	2/6/2021	6:12:56 PM	0:06:55	6.11	306.51	37.56	1:09:28 PM
18	2/6/2021	7:42:13 PM	2/6/2021	7:45:52 PM	2/6/2021	7:49:30 PM	0:07:17	7.22	323.81	61.52	2:45:52 PM
19	2/6/2021	9:17:07 PM	2/6/2021	9:21:46 PM	2/6/2021	9:26:25 PM	0:09:18	25.45	317.82	105.21	4:21:46 PM
20	2/7/2021	1:42:00 PM	2/7/2021	1:46:08 PM	2/7/2021	1:50:16 PM	0:08:16	12.31	187.66	70.81	8:46:08 AM
21	2/7/2021	3:16:05 PM	2/7/2021	3:20:55 PM	2/7/2021	3:25:46 PM	0:09:40	45.29	241.77	46.16	10:20:55 AM
22	2/7/2021	4:52:39 PM	2/7/2021	4:56:35 PM	2/7/2021	5:00:32 PM	0:07:53	9.44	287.65	36.12	11:56:35 AM
23	2/7/2021	6:29:34 PM	2/7/2021	6:32:54 PM	2/7/2021	6:36:13 PM	0:06:38	5.44	318.87	45.66	1:32:54 PM
24	2/7/2021	8:04:56 PM	2/7/2021	8:09:06 PM	2/7/2021	8:13:16 PM	0:08:20	12.1	322.87	81.78	3:09:06 PM
25	2/7/2021	9:39:44 PM	2/7/2021	9:44:34 PM	2/7/2021	9:49:24 PM	0:09:40	83.59	309.82	129.45	4:44:34 PM
26	2/8/2021	2:03:34 PM	2/8/2021	2:08:22 PM	2/8/2021	2:13:10 PM	0:09:35	42.24	215.88	56.29	9:08:22 AM
27	2/8/2021	3:39:04 PM	2/8/2021	3:43:34 PM	2/8/2021	3:48:03 PM	0:08:58	17.88	265.14	39.56	10:43:34 AM
28	2/8/2021	5:16:08 PM	2/8/2021	5:19:35 PM	2/8/2021	5:23:03 PM	0:06:54	6.12	306.1	37.3	12:19:35 PM
29	2/8/2021	6:52:19 PM	2/8/2021	6:55:56 PM	2/8/2021	6:59:33 PM	0:07:13	7.06	323.87	60.78	1:55:56 PM
30	2/8/2021	8:27:10 PM	2/8/2021	8:31:48 PM	2/8/2021	8:36:26 PM	0:09:15	24.58	318.09	104.33	3:31:48 PM
31	2/9/2021	2:25:36 PM	2/9/2021	2:30:26 PM	2/9/2021	2:35:16 PM	0:09:40	47.86	240.68	46.51	9:30:26 AM
32	2/9/2021	4:02:05 PM	2/9/2021	4:06:02 PM	2/9/2021	4:10:00 PM	0:07:54	9.62	286.78	36.1	11:06:02 AM
33	2/9/2021	5:38:59 PM	2/9/2021	5:42:18 PM	2/9/2021	5:45:36 PM	0:06:36	5.37	318.59	44.96	12:42:18 PM
34	2/9/2021	7:14:20 PM	2/9/2021	7:18:28 PM	2/9/2021	7:22:36 PM	0:08:15	11.68	323.1	80.63	2:18:28 PM
35	2/9/2021	8:49:05 PM	2/9/2021	8:53:54 PM	2/9/2021	8:58:44 PM	0:09:38	78.17	310.3	128.19	3:53:54 PM
36	2/10/2021	1:12:28 PM	2/10/2021	1:17:13 PM	2/10/2021	1:21:59 PM	0:09:31	38.68	214.26	57.03	8:17:13 AM
37	2/10/2021	2:47:51 PM	2/10/2021	2:52:21 PM	2/10/2021	2:56:51 PM	0:09:00	18.61	263.81	39.82	9:52:21 AM
38	2/10/2021	4:24:50 PM	2/10/2021	4:28:18 PM	2/10/2021	4:31:46 PM	0:06:55	6.19	305.24	36.92	11:28:18 AM
39	2/10/2021	6:01:02 PM	2/10/2021	6:04:36 PM	2/10/2021	6:08:10 PM	0:07:08	6.83	323.87	59.52	1:04:36 PM
40	2/10/2021	7:35:51 PM	2/10/2021	7:40:27 PM	2/10/2021	7:45:02 PM	0:09:10	23.17	318.54	102.78	2:40:27 PM
41	2/10/2021	9:10:51 PM	2/10/2021	9:15:26 PM	2/10/2021	9:20:01 PM	0:09:09	25.88	299.11	153.84	4:15:26 PM
42	2/11/2021	1:33:43 PM	2/11/2021	1:38:33 PM	2/11/2021	1:43:23 PM	0:09:39	52.64	238.87	47.12	8:38:33 AM
43	2/11/2021	3:10:06 PM	2/11/2021	3:14:05 PM	2/11/2021	3:18:03 PM	0:07:57	9.96	285.31	36.14	10:14:05 AM
44	2/11/2021	4:46:59 PM	2/11/2021	4:50:16 PM	2/11/2021	4:53:33 PM	0:06:33	5.3	318.04	43.95	11:50:16 AM
45	2/11/2021	6:22:20 PM	2/11/2021	6:26:25 PM	2/11/2021	6:30:29 PM	0:08:08	11.08	323.41	78.85	1:26:25 PM
46	2/11/2021	7:57:02 PM	2/11/2021	8:01:50 PM	2/11/2021	8:06:39 PM	0:09:37	69.89	311.05	126.21	3:01:50 PM
47	2/11/2021	9:32:48 PM	2/11/2021	9:36:23 PM	2/11/2021	9:39:58 PM	0:07:09	7.55	281.84	184.15	4:36:23 PM
48	2/12/2021	1:55:10 PM	2/12/2021	1:59:42 PM	2/12/2021	2:04:14 PM	0:09:03	19.82	261.8	40.27	8:59:42 AM
49	2/12/2021	3:32:06 PM	2/12/2021	3:35:35 PM	2/12/2021	3:39:04 PM	0:06:57	6.33	303.87	36.47	10:35:35 AM
50	2/12/2021	5:08:19 PM	2/12/2021	5:11:49 PM	2/12/2021	5:15:20 PM	0:07:01	6.53	323.8	57.72	12:11:49 PM
51	2/12/2021	6:43:07 PM	2/12/2021	6:47:39 PM	2/12/2021	6:52:12 PM	0:09:04	21.35	319.16	100.53	1:47:39 PM
52	2/12/2021	8:18:01 PM	2/12/2021	8:22:38 PM	2/12/2021	8:27:15 PM	0:09:14	29.08	300.35	151.26	3:22:38 PM
53	2/13/2021	2:16:38 PM	2/13/2021	2:20:39 PM	2/13/2021	2:24:41 PM	0:08:02	10.5	283.18	36.27	9:20:39 AM
54	2/13/2021	3:53:31 PM	2/13/2021	3:56:46 PM	2/13/2021	4:00:02 PM	0:06:31	5.23	317.14	42.66	10:56:46 AM
55	2/13/2021	5:28:53 PM	2/13/2021	5:32:53 PM	2/13/2021	5:36:53 PM	0:07:59	10.34	323.79	76.4	12:32:53 PM
56	2/13/2021	7:03:31 PM	2/13/2021	7:08:19 PM	2/13/2021	7:13:06 PM	0:09:34	59.74	312.06	123.48	2:08:19 PM
57	2/13/2021	8:39:07 PM	2/13/2021	8:42:51 PM	2/13/2021	8:46:36 PM	0:07:28	8.81	284.23	180.34	3:42:51 PM
58	2/14/2021	1:01:01 PM	2/14/2021	1:05:35 PM	2/14/2021	1:10:09 PM	0:09:07	21.7	259.06	40.92	8:05:35 AM
59	2/14/2021	2:37:51 PM	2/14/2021	2:41:22 PM	2/14/2021	2:44:53 PM	0:07:01	6.56	301.92	35.99	9:41:22 AM
60	2/14/2021	4:14:07 PM	2/14/2021	4:17:33 PM	2/14/2021	4:21:00 PM	0:06:53	6.18	323.59	55.47	11:17:33 AM
61	2/14/2021	5:48:55 PM	2/14/2021	5:53:23 PM	2/14/2021	5:57:51 PM	0:08:56	19.26	319.95	97.57	12:53:23 PM
62	2/14/2021	7:23:42 PM	2/14/2021	7:28:22 PM	2/14/2021	7:33:02 PM	0:09:19	34.23	301.95	147.88	2:28:22 PM
63	2/15/2021	1:21:38 PM	2/15/2021	1:25:43 PM	2/15/2021	1:29:48 PM	0:08:10	11.29	280.35	36.55	8:25:43 AM
64	2/15/2021	2:58:31 PM	2/15/2021	3:01:46 PM	2/15/2021	3:05:00 PM	0:06:29	5.2	315.83	41.16	10:01:46 AM
65	2/15/2021	4:33:57 PM	2/15/2021	4:37:51 PM	2/15/2021	4:41:45 PM	0:07:48	9.49	324.19	73.35	11:37:51 AM
66	2/15/2021	6:08:31 PM	2/15/2021	6:13:17 PM	2/15/2021	6:18:02 PM	0:09:30	49.15	313.3	119.99	1:13:17 PM
67	2/15/2021	7:43:55 PM	2/15/2021	7:47:50 PM	2/15/2021	7:51:45 PM	0:07:50	10.59	287.09	175.66	2:47:50 PM
68	2/16/2021	1:42:03 PM	2/16/2021	1:45:37 PM	2/16/2021	1:49:11 PM	0:07:08	6.91	299.32	35.58	8:45:37 AM
69	2/16/2021	3:18:23 PM	2/16/2021	3:21:45 PM	2/16/2021	3:25:07 PM	0:06:43	5.82	323.17	52.78	10:21:45 AM
70	2/16/2021	4:53:11 PM	2/16/2021	4:57:34 PM	2/16/2021	5:01:57 PM	0:08:46	17.04	320.87	93.89	11:57:34 AM
71	2/16/2021	6:27:52 PM	2/16/2021	6:32:34 PM	2/16/2021	6:37:16 PM	0:09:23	42.63	303.86	143.69	1:32:34 PM
72	2/17/2021	2:01:56 PM	2/17/2021	2:05:11 PM	2/17/2021	2:08:25 PM	0:06:29	5.22	313.98	39.54	9:05:11 AM
73	2/17/2021	3:37:27 PM	2/17/2021	3:41:14 PM	2/17/2021	3:45:02 PM	0:07:34	8.58	324.57	69.69	10:41:14 AM
74	2/17/2021	5:11:59 PM	2/17/2021	5:16:41 PM	2/17/2021	5:21:24 PM	0:09:25	39.42	314.76	115.73	12:16:41 PM
75	2/17/2021	6:47:09 PM	2/17/2021	6:51:16 PM	2/17/2021	6:55:22 PM	0:08:12	13.11	290.31	170.11	1:51:16 PM