

Label	boot	zulu hour	zulu min	zulu sec	grnd spd	grnd trk	gps alt	lat	lon	oil pres	man pres	oil temp	fuel pres
182378	0	0	32	45	0	88	0	33.17685	-117.001	49	24	172	104
182385	0	0	32	55	0	88	0	33.17685	-117.001	49	24	172	104
182392	0	0	33	5	0	88	0	33.17685	-117.001	49	24	172	104
182399	0	0	33	15	0	88	0	33.17685	-117.001	49	24	172	104
182406	0	0	33	25	0	88	0	33.17685	-117.001	49	24	172	104
182413	0	0	33	35	0	88	0	33.17686	-117.001	49	24	172	104
182420	0	0	33	45	0	88	0	33.17686	-117.001	49	24	172	104
182427	0	0	33	55	0	88	0	33.17686	-117.001	49	24	171	104
182434	0	0	34	5	0	88	0	33.17686	-117.001	49	24	172	104
182441	0	0	34	15	0	88	0	33.17687	-117.001	49	24	172	104
182448	0	0	34	25	0	88	0	33.17688	-117.001	49	24	171	104
182455	0	0	34	35	0	88	0	33.17687	-117.001	49	24	170	104
182462	0	0	34	45	0	88	0	33.17686	-117.001	49	24	170	104
182469	0	0	34	55	0	88	0	33.17687	-117.001	49	24	171	104
182476	0	0	35	5	0	88	0	33.17688	-117.001	49	24	170	104
182483	0	0	35	15	0	88	0	33.17687	-117.001	49	24	171	104
182490	0	0	35	25	0	88	0	33.17687	-117.001	49	24	170	104
182497	0	0	35	35	0	88	0	33.17687	-117.001	49	24	170	104
182504	0	0	35	45	0	88	0	33.17688	-117.001	49	24	169	104
182511	0	0	35	55	0	88	0	33.17687	-117.001	49	24	170	104
182518	0	0	36	5	0	88	0	33.17687	-117.001	49	24	169	104
182525	0	0	36	15	0	88	0	33.17686	-117.001	49	24	170	104
182532	0	0	36	25	0	88	0	33.17687	-117.001	49	24	169	104
182540	0	0	36	35	0	88	0	33.17685	-117.001	49	24	169	104
182547	0	0	36	45	0	88	0	33.17685	-117.001	49	24	170	104
182554	0	0	36	55	0	88	0	33.17686	-117.001	49	24	170	104
182561	0	0	37	5	0	88	0	33.17686	-117.001	49	24	170	104
182568	0	0	37	15	0	88	0	33.17686	-117.001	55	24	170	104
182575	0	0	37	25	5	47	0	33.17695	-117.001	57	24	169	104
182582	0	0	37	35	8	33	0	33.17716	-117	55	24	169	104
182589	0	0	37	45	3	28	0	33.17741	-117	55	24	169	104
182596	0	0	37	55	0	137	0	33.17736	-117	55	24	169	104
182603	0	0	38	5	4	138	0	33.17737	-117	72	27	170	104
182610	0	0	38	15	36	203	0	33.17645	-117.001	79	28	167	104

182617	0	0	38	25	59	264	0	33.17533	-117.003	77	27	166	104
182624	0	0	38	35	71	296	0	33.17667	-117.006	74	26	166	104
182631	0	0	38	45	76	300	0	33.17886	-117.01	74	25	167	104
182638	0	0	38	55	81	293	0	33.1811	-117.013	74	25	168	104
182645	0	0	39	5	81	293	0	33.18324	-117.017	74	25	169	104
182652	0	0	39	15	81	304	0	33.18543	-117.02	74	25	171	104
182659	0	0	39	25	79	303	0	33.18831	-117.023	74	25	171	104
182666	0	0	39	35	78	314	0	33.19115	-117.026	73	25	172	104
182673	0	0	39	45	78	322	0	33.19396	-117.028	73	25	172	104
182680	0	0	39	55	76	322	0	33.19754	-117.03	73	25	172	104
182687	0	0	40	5	75	318	0	33.20061	-117.032	73	25	172	104
182694	0	0	40	15	76	315	0	33.20327	-117.034	73	25	172	104
182701	0	0	40	25	79	319	0	33.20663	-117.036	73	25	172	104
182708	0	0	40	35	78	330	0	33.21003	-117.038	73	25	171	104
182715	0	0	40	45	77	325	0	33.21339	-117.039	73	25	172	104
182722	0	0	40	55	76	310	0	33.21645	-117.042	73	25	172	104
182729	0	0	41	5	74	300	0	33.21905	-117.044	73	25	172	104
182736	0	0	41	15	74	313	0	33.22139	-117.047	73	25	172	104
182743	0	0	41	25	80	347	0	33.22476	-117.048	73	25	173	104
182750	0	0	41	35	77	337	0	33.22839	-117.049	73	25	172	104
182757	0	0	41	45	76	329	0	33.23179	-117.05	73	25	172	104
182764	0	0	41	55	75	308	0	33.23449	-117.052	73	25	172	104
182771	0	0	42	5	76	298	0	33.23695	-117.055	73	25	172	104
182778	0	0	42	15	74	295	0	33.23933	-117.058	73	25	172	104
182785	0	0	42	25	72	297	0	33.24146	-117.062	73	25	172	104
182793	0	0	42	35	72	293	0	33.24346	-117.065	73	25	172	104
182800	0	0	42	45	74	299	0	33.2455	-117.068	73	25	172	104
182807	0	0	42	55	74	301	0	33.24782	-117.071	73	25	172	104
182814	0	0	43	5	73	305	0	33.24997	-117.074	73	25	172	104
182821	0	0	43	15	74	293	0	33.2524	-117.077	73	25	172	104
182828	0	0	43	25	72	284	0	33.25422	-117.08	73	25	172	104
182835	0	0	43	35	74	275	0	33.25538	-117.084	73	25	172	104
182842	0	0	43	45	71	291	0	33.25653	-117.088	73	25	172	104
182849	0	0	43	55	63	333	0	33.25906	-117.09	62	24	174	104
182856	0	0	44	5	58	337	0	33.26184	-117.09	53	24	179	104

182863	0	0	44	15	52	343	0	33.26434	-117.091	56	24	175	104
182870	0	0	44	25	52	12	0	33.26663	-117.091	57	24	169	104
182877	0	0	44	35	52	68	0	33.26808	-117.088	57	24	168	104
182884	0	0	44	45	46	130	0	33.26744	-117.086	61	24	169	104
182891	0	0	44	55	50	179	0	33.26556	-117.086	67	24	169	104
182898	0	0	45	5	53	168	0	33.26294	-117.086	68	24	170	104
182905	0	0	45	15	55	161	0	33.26041	-117.086	68	25	169	104
182912	0	0	45	25	52	173	0	33.25796	-117.086	67	24	170	104
182919	0	0	45	35	54	190	0	33.25599	-117.086	68	24	169	104
182926	0	0	45	45	52	216	0	33.25371	-117.088	66	24	170	104
182933	0	0	45	55	51	230	0	33.25242	-117.09	64	24	170	104
182940	0	0	46	5	48	247	0	33.25159	-117.093	64	24	169	104
182947	0	0	46	15	45	285	0	33.25176	-117.096	66	25	171	104
182954	0	0	46	25	48	306	0	33.253	-117.098	66	25	172	104
182961	0	0	46	35	48	314	0	33.25462	-117.099	66	24	171	104
182968	0	0	46	45	48	308	0	33.25657	-117.101	66	25	171	104
182975	0	0	46	55	47	230	0	33.25749	-117.103	66	25	171	104
182982	0	0	47	5	53	120	0	33.25558	-117.103	66	25	171	104
182989	0	0	47	15	49	43	0	33.2552	-117.1	66	25	171	104
182996	0	0	47	25	49	292	0	33.257	-117.101	67	25	169	104
183003	0	0	47	35	49	192	0	33.25666	-117.103	67	25	171	104
183010	0	0	47	45	65	92	0	33.2547	-117.101	71	26	170	104
183017	0	0	47	55	66	42	0	33.2555	-117.098	75	25	169	104
183024	0	0	48	5	56	355	0	33.25776	-117.096	70	25	170	104
183031	0	0	48	15	59	348	0	33.26042	-117.096	70	25	171	104
183038	0	0	48	25	64	347	0	33.2633	-117.097	70	25	171	104
183045	0	0	48	35	68	12	0	33.26628	-117.096	70	25	171	104
183053	0	0	48	45	72	37	0	33.26856	-117.094	70	25	172	104
183060	0	0	48	55	78	64	0	33.27039	-117.09	73	25	171	104
183067	0	0	49	5	81	82	0	33.27071	-117.085	73	25	170	104
183074	0	0	49	15	83	88	0	33.27025	-117.081	73	25	170	104
183081	0	0	49	25	83	87	0	33.26956	-117.076	73	25	170	104
183088	0	0	49	35	82	86	0	33.26893	-117.072	73	25	171	104
183095	0	0	49	45	75	85	0	33.26855	-117.068	72	25	172	104
183102	0	0	49	55	74	86	0	33.2681	-117.064	71	25	173	104

183109	0	0	50	5	71	87	0	33.26768	-117.06	72	25	173	104
183116	0	0	50	15	75	83	0	33.26714	-117.056	72	25	173	104
183123	0	0	50	25	77	81	0	33.26685	-117.051	72	25	171	104
183130	0	0	50	35	78	68	0	33.26724	-117.047	72	25	172	104
183137	0	0	50	45	78	72	0	33.26769	-117.043	72	25	172	104
183144	0	0	50	55	77	65	0	33.26822	-117.039	72	25	172	104
183151	0	0	51	5	74	59	0	33.26917	-117.035	72	25	172	104
183158	0	0	51	15	69	54	0	33.27034	-117.031	72	25	172	104
183165	0	0	51	25	73	67	0	33.27134	-117.027	72	25	173	104
183172	0	0	51	35	76	44	0	33.27244	-117.024	72	25	172	104
183179	0	0	51	45	74	13	0	33.2754	-117.021	72	25	172	104
183186	0	0	51	55	63	349	0	33.27833	-117.02	70	25	173	104
183193	0	0	52	5	60	347	0	33.28122	-117.02	70	25	173	104
183200	0	0	52	15	63	347	0	33.28401	-117.02	70	24	173	104
183207	0	0	52	25	57	294	0	33.28664	-117.021	70	25	173	104
183214	0	0	52	35	57	248	0	33.28677	-117.024	70	24	173	104
183221	0	0	52	45	49	200	0	33.28544	-117.027	63	24	172	104
183228	0	0	52	55	53	148	0	33.28316	-117.027	62	24	173	104
183235	0	0	53	5	57	92	0	33.28149	-117.025	62	24	173	104
183242	0	0	53	15	53	82	0	33.28125	-117.022	66	24	173	104
183249	0	0	53	25	56	82	0	33.28098	-117.019	66	24	174	104
183256	0	0	53	35	55	74	0	33.28096	-117.016	70	25	173	104
183263	0	0	53	45	56	74	0	33.28122	-117.013	69	24	172	104
183270	0	0	53	55	58	72	0	33.28133	-117.009	68	24	172	104
183277	0	0	54	5	52	47	0	33.28186	-117.006	67	24	173	104
183284	0	0	54	15	38	233	0	33.283	-117.007	70	25	173	104
183291	0	0	54	25	41	227	0	33.2819	-117.008	69	24	172	104
183298	0	0	54	35	45	254	0	33.28129	-117.011	67	24	173	104
183306	0	0	54	45	43	242	0	33.28102	-117.013	67	24	173	104
183313	0	0	54	55	44	259	0	33.2807	-117.015	67	24	172	104
183320	0	0	55	5	44	258	0	33.28092	-117.018	66	24	173	104
183327	0	0	55	15	48	281	0	33.28099	-117.02	66	24	173	104
183334	0	0	55	25	47	338	0	33.28256	-117.022	66	24	172	104
183341	0	0	55	35	56	35	0	33.28469	-117.021	66	24	172	104
183348	0	0	55	45	58	73	0	33.28592	-117.018	66	24	172	104

183355	0	0	55	55	56	68	0	33.28602	-117.015	67	24	174	104
183362	0	0	56	5	58	59	0	33.28685	-117.012	67	24	174	104
183369	0	0	56	15	40	139	0	33.28661	-117.01	73	26	174	104
183376	0	0	56	25	40	281	0	33.28599	-117.011	69	25	173	104
183383	0	0	56	35	42	262	0	33.28641	-117.013	67	24	173	104
183390	0	0	56	45	46	152	0	33.28538	-117.015	52	24	174	104
183397	0	0	56	55	52	18	0	33.28518	-117.012	65	24	175	104
183404	0	0	57	5	36	231	0	33.28623	-117.013	67	25	174	104
183411	0	0	57	15	42	123	0	33.28499	-117.014	72	26	172	104
183418	1	5	41	56	42	123	0	33.28499	-117.014	-6	28	346	76
183425	0	5	42	1	42	123	0	33.28499	-117.014	-6	28	347	101
183432	0	5	42	11	42	123	0	33.28499	-117.014	-6	28	346	102
183438	0	5	42	21	42	123	0	33.28499	-117.014	-6	28	347	102
183444	0	5	42	31	42	123	0	33.28499	-117.014	-6	28	347	102
183451	0	5	42	37	42	123	0	33.28499	-117.014	-6	28	347	102
183458	0	5	42	42	42	123	0	33.28499	-117.014	-6	28	347	102
183465	0	5	42	49	42	123	0	33.28499	-117.014	-6	28	347	102
183472	0	5	42	55	42	123	0	33.28499	-117.014	-6	28	347	102
183479	0	5	42	56	42	123	0	33.28499	-117.014	-6	28	347	102
183486	0	5	43	1	42	123	0	33.28499	-117.014	-6	28	347	102
183493	0	5	43	2	42	123	0	33.28499	-117.014	-6	28	347	102
183500	0	5	43	7	42	123	0	33.28499	-117.014	-6	28	346	102
183507	0	5	43	11	42	123	0	33.28499	-117.014	-6	28	346	102
183513	0	5	43	21	42	123	0	33.28499	-117.014	-6	28	295	102
183520	1	0	0	5	42	123	0	33.28499	-117.014	-106	2	-31	79
183527	0	0	0	12	42	123	0	33.28499	-117.014	-106	2	-31	104
183534	0	0	0	13	42	123	0	33.28499	-117.014	-106	2	-31	104
183541	0	0	0	16	42	123	0	33.28499	-117.014	-106	2	-31	104
183548	0	0	0	21	42	123	0	33.28499	-117.014	-106	2	-31	104
183555	0	0	0	26	42	123	0	33.28499	-117.014	-106	2	-31	104
183562	0	0	0	30	42	123	0	33.28499	-117.014	-106	2	-31	104
183569	0	0	0	34	42	123	0	33.28499	-117.014	-106	2	-31	104
183576	0	0	0	41	42	123	0	33.28499	-117.014	-106	2	-31	104
183582	0	0	0	51	42	123	0	33.28499	-117.014	-106	2	-31	104

183588	0	0	1	1	42	123	0	33.28499	-117.014	-106	2	-31	104
183594	0	0	1	11	42	123	0	33.28499	-117.014	-106	2	-31	104
183601	1	0	0	5	42	123	0	33.28499	-117.014	-106	2	-31	79
183607	0	0	0	15	42	123	0	33.28499	-117.014	-106	2	-31	104
183613	0	0	0	25	42	123	0	33.28499	-117.014	-106	2	-31	104
183619	0	0	0	35	42	123	0	33.28499	-117.014	-106	2	-31	104
183626	0	0	0	42	42	123	0	33.28499	-117.014	-106	2	-31	104
183632	0	0	0	52	42	123	0	33.28499	-117.014	-106	2	-31	104

volts	amps	rpm	fuel flow	gals rem	egt 1	egt 2	egt 3	egt 4	cht 1	cht 2	cht 3	cht 4	hobbs
14	1.75	683	1.5	-236.4	798	820	640	835	290	297	277	310	585.3
14	2.3125	681	1.3	-236.4	769	779	539	809	289	294	274	307	585.3
14	0.25	692	1.3	-236.4	755	764	487	803	287	291	269	304	585.3
14	1.3125	685	1.2	-236.4	749	756	455	796	286	289	265	302	585.3
14	1.1875	690	1.2	-236.4	744	754	435	792	285	287	261	300	585.3
14	1.9375	697	0.9	-236.4	739	750	421	787	284	284	257	298	585.3
14	1.0625	707	1.1	-236.4	737	753	401	786	283	282	253	297	585.3
14	1.5625	708	0.9	-236.4	735	751	393	784	282	280	250	295	585.3
14	0.25	702	0.9	-236.4	735	744	381	784	282	279	246	294	585.3
14	1.25	677	0.9	-236.4	733	742	383	777	281	278	243	293	585.4
14	2	680	0.9	-236.4	731	745	374	773	281	276	239	291	585.4
14	2.0625	687	1.2	-236.4	730	748	362	772	280	275	236	290	585.4
14	1.8125	695	0.9	-236.4	730	748	355	769	279	273	233	289	585.4
14	1.875	701	0.9	-236.4	731	746	349	769	279	272	230	289	585.4
14	0.8125	713	1	-236.4	731	747	344	768	278	272	227	288	585.4
14	-0.1875	713	0.9	-236.4	734	748	342	769	278	271	224	288	585.4
14	2.0625	702	0.9	-236.4	735	742	337	769	278	270	221	287	585.4
14	0.75	703	0.8	-236.4	737	738	335	769	277	269	219	286	585.4
14	1.5	695	0.9	-236.4	737	740	333	767	277	269	216	286	585.4
14	1.5625	683	0.8	-236.4	735	736	329	762	277	268	214	285	585.4
14	1.75	706	0.8	-236.4	735	737	327	760	277	267	211	284	585.4
14	3.75	719	0.7	-236.4	737	736	326	763	276	267	209	284	585.4
14	1.1875	716	0.6	-236.4	739	733	324	764	276	266	207	283	585.4
14	0.125	695	0.7	-236.4	740	733	322	762	276	266	204	283	585.4
14	1.3125	692	0.6	-236.4	740	734	321	759	276	265	203	282	585.4
14	0.5	695	0.8	-236.4	740	734	319	758	276	265	201	282	585.4
14	0.625	697	0.6	-236.4	741	733	317	755	276	264	199	281	585.4
14	2	1099	0.9	-236.4	774	766	496	786	276	263	197	280	585.4
14	2.0625	1118	1.9	-236.4	880	890	840	877	276	263	197	280	585.4
14	0.1875	956	1.9	-236.4	883	899	938	879	276	264	198	280	585.4
14	2.1875	1113	1.9	-236.4	860	880	966	865	276	264	200	280	585.4
14	0.4375	1083	2.3	-236.4	886	904	987	886	277	265	204	281	585.4
14	2.5	2249	2.9	-236.5	936	949	1044	946	277	266	207	281	585.4
14	2.5	2378	8.8	-236.5	1198	1291	1259	1289	290	282	225	297	585.4

14	2.4375	2316	10.6	-236.5	1228	1302	1267	1300	303	299	244	309	585.4
14	4	2192	7	-236.6	1259	1327	1253	1334	311	311	255	317	585.4
14	2.125	2177	6.3	-236.6	1278	1326	1260	1345	316	319	265	324	585.4
14	3	2223	6.1	-236.6	1283	1325	1255	1345	321	326	274	331	585.4
14	2.5625	2194	6	-236.6	1287	1326	1261	1341	324	332	282	336	585.4
14	1.875	2166	5.9	-236.6	1288	1314	1262	1344	326	337	288	339	585.4
14	2.875	2064	5.7	-236.6	1283	1311	1256	1333	327	341	293	342	585.4
14	2.8125	2065	5.1	-236.6	1278	1311	1257	1315	328	343	297	344	585.4
14	3.4375	2048	5	-236.6	1271	1305	1256	1302	329	344	301	345	585.4
14	2.1875	2032	5.1	-236.7	1266	1303	1254	1302	329	346	304	346	585.4
14	2.0625	2018	5	-236.7	1267	1296	1249	1292	330	346	307	347	585.4
14	2.3125	2036	4.8	-236.7	1263	1303	1250	1295	330	347	309	348	585.4
14	1.625	2038	4.9	-236.7	1263	1303	1254	1296	330	348	311	349	585.4
14	2.875	2042	5.1	-236.8	1261	1305	1261	1305	330	348	314	349	585.4
14	3.0625	2034	4.9	-236.8	1264	1301	1256	1295	330	348	315	350	585.4
14	2.4375	2066	4.9	-236.8	1265	1303	1261	1304	330	348	317	350	585.4
14	2.25	2063	4.9	-236.8	1265	1303	1261	1304	330	348	319	350	585.4
14	2.6875	2030	4.9	-236.8	1265	1300	1262	1302	330	349	320	351	585.4
14	2.5625	2062	4.8	-236.8	1261	1303	1257	1298	330	349	322	351	585.4
14	2.5625	2042	5.1	-236.8	1267	1303	1261	1302	330	349	324	352	585.4
14	2.125	2023	5	-236.8	1266	1304	1257	1303	330	349	325	353	585.5
14	2.1875	2080	4.9	-236.8	1264	1300	1256	1297	330	349	325	354	585.5
14	3.0625	2069	5.1	-236.9	1263	1305	1259	1303	330	349	326	355	585.5
14	2.3125	2060	5	-236.9	1264	1304	1261	1305	330	349	326	355	585.5
14	2.125	2040	5.1	-236.9	1265	1304	1263	1307	330	349	326	355	585.5
14	3.5	2038	4.9	-236.9	1262	1302	1261	1304	330	349	327	355	585.5
14	3.3125	2050	5	-236.9	1264	1299	1261	1303	330	349	328	356	585.5
14	1.875	2046	5.1	-236.9	1266	1295	1259	1298	330	349	328	356	585.5
14	1.625	2054	5.1	-236.9	1265	1306	1262	1297	330	349	329	356	585.5
14	2.3125	2064	5.1	-236.9	1265	1304	1267	1305	330	349	329	356	585.5
14	1.5625	2034	5.1	-236.9	1262	1307	1266	1306	330	349	329	356	585.5
14	2.25	2056	5.1	-237	1264	1305	1262	1301	330	349	329	356	585.5
14	2.4375	2040	5.1	-237	1266	1302	1261	1301	330	349	329	356	585.5
14	1.6875	1302	3.6	-237	1225	1250	1228	1244	330	348	329	356	585.5
14	1.375	946	1.1	-237	1002	943	915	1062	323	338	323	346	585.5

14	1.375	1173	1.6	-237	921	883	879	986	315	328	314	336	585.5
14	2	1168	1.9	-237	920	916	993	975	310	321	309	331	585.5
14	2.0625	1160	2	-237	914	927	1026	960	305	316	304	326	585.5
14	2.0625	1436	2.4	-237	1034	1052	1080	1065	302	313	301	324	585.5
14	3.9375	1692	3	-237	1121	1154	1125	1152	302	313	300	324	585.5
14	2.3125	1690	3.3	-237.1	1171	1212	1157	1202	302	313	300	324	585.5
14	1.125	1685	3.4	-237.1	1187	1229	1171	1218	302	313	300	325	585.5
14	1.625	1682	3.5	-237.1	1199	1232	1175	1221	302	313	300	325	585.6
14	2.875	1572	3.1	-237.1	1202	1237	1181	1220	302	313	300	327	585.6
14	1.3125	1566	2.9	-237.1	1205	1245	1177	1201	302	313	300	327	585.6
14	2.0625	1408	2.3	-237.1	1161	1164	1157	1146	302	312	300	326	585.6
14	2.6875	1444	2.3	-237.1	1125	1117	1138	1108	300	309	297	322	585.6
14	2.5625	1602	2.9	-237.1	1162	1185	1146	1165	299	308	295	321	585.6
14	1.875	1609	3.1	-237.1	1181	1218	1156	1200	299	308	295	321	585.6
14	2.3125	1585	3	-237.1	1187	1227	1165	1210	299	308	295	321	585.6
14	2.3125	1580	3	-237.1	1193	1231	1164	1208	300	308	294	321	585.6
14	2.4375	1593	2.7	-237.1	1196	1232	1167	1214	301	308	294	321	585.6
14	1.8125	1637	3.3	-237.1	1197	1232	1169	1222	302	308	294	323	585.6
14	2.1875	1625	3.4	-237.1	1196	1234	1170	1231	303	309	294	325	585.6
14	2.3125	1665	3.1	-237.1	1201	1238	1176	1232	304	311	294	327	585.6
14	2.5	1645	3.2	-237.2	1193	1223	1174	1227	305	312	295	328	585.6
14	3	1986	3.9	-237.2	1208	1245	1188	1243	305	314	296	329	585.6
14	3.125	1982	5.8	-237.2	1252	1289	1229	1309	309	321	301	335	585.6
14	2.9375	1790	4.3	-237.2	1243	1282	1221	1276	313	324	305	338	585.6
14	2.5625	1818	4	-237.2	1238	1282	1219	1270	314	327	308	340	585.6
14	2.8125	1852	4.1	-237.3	1238	1282	1221	1270	316	330	310	342	585.6
14	2.0625	1839	4.1	-237.3	1240	1284	1221	1269	317	331	312	343	585.6
14	0.875	1858	4.1	-237.3	1241	1279	1223	1272	318	332	313	344	585.6
14	2.875	2066	5	-237.3	1258	1291	1232	1295	320	333	314	346	585.6
14	2.25	2101	5.5	-237.3	1274	1300	1248	1316	323	338	316	349	585.6
14	3.5	2103	5.6	-237.3	1279	1307	1254	1322	326	341	318	351	585.6
14	1.1875	2119	5.6	-237.3	1282	1311	1256	1325	329	344	319	353	585.6
14	2.9375	1998	5.3	-237.3	1283	1311	1258	1326	330	347	320	354	585.6
14	2.125	1890	4.3	-237.3	1266	1303	1247	1289	330	347	320	354	585.6
14	3.625	1920	4.4	-237.3	1257	1295	1241	1283	330	347	320	354	585.6

14	4.3125	1931	4.5	-237.4	1257	1295	1243	1287	330	347	321	354	585.6
14	1.1875	1966	4.6	-237.4	1258	1297	1247	1294	330	347	323	354	585.6
14	2.5625	1980	4.8	-237.4	1264	1299	1247	1291	330	347	324	355	585.6
14	2.3125	1992	4.8	-237.4	1271	1300	1253	1297	330	347	325	356	585.6
14	2.1875	1999	5	-237.4	1270	1297	1258	1300	331	348	326	357	585.6
14	3	1994	4.8	-237.4	1268	1300	1254	1295	331	348	326	359	585.6
14	2.625	1967	4.8	-237.4	1262	1300	1252	1294	331	349	327	359	585.6
14	2.875	1931	4.8	-237.4	1260	1297	1251	1290	331	349	327	360	585.6
14	2.125	1967	4.8	-237.4	1260	1293	1250	1292	331	349	328	361	585.6
14	3.3125	1989	4.8	-237.5	1262	1295	1254	1295	331	349	329	361	585.6
14	2.875	1924	4.8	-237.5	1265	1298	1254	1292	332	349	329	362	585.6
14	2.5	1866	4.3	-237.5	1254	1284	1242	1276	332	349	329	362	585.6
14	2.375	1851	4.2	-237.5	1242	1284	1238	1277	332	349	330	362	585.6
14	2.5	1862	4.2	-237.5	1240	1281	1235	1275	332	349	330	362	585.6
14	2	1885	4.3	-237.6	1243	1279	1236	1277	332	349	331	362	585.6
14	2.5	1907	4.3	-237.6	1243	1286	1246	1283	332	349	331	362	585.6
14	2.25	1338	2.5	-237.6	1151	1146	1181	1153	329	346	331	358	585.6
14	2.6875	1312	2.1	-237.6	1094	1071	1140	1089	324	339	326	351	585.7
14	2.6875	1486	2.4	-237.6	1098	1099	1126	1091	319	334	322	346	585.7
14	1.6875	1629	3.2	-237.6	1166	1190	1160	1186	319	332	320	345	585.7
14	1.6875	1653	3.1	-237.6	1184	1221	1172	1211	319	332	320	345	585.7
14	2	1879	4.4	-237.6	1216	1249	1203	1247	319	332	319	346	585.7
14	2.375	1742	4.6	-237.6	1238	1267	1222	1267	321	334	321	349	585.7
14	1.625	1744	3.8	-237.6	1229	1263	1211	1250	322	335	322	350	585.7
14	2.5625	1724	3.8	-237.6	1224	1259	1211	1250	323	335	323	351	585.7
14	2.125	1832	4.7	-237.6	1236	1268	1228	1288	325	339	325	355	585.7
14	2.8125	1724	4.2	-237.6	1240	1280	1230	1278	328	342	328	357	585.7
14	3.0625	1736	3.7	-237.7	1233	1270	1221	1257	328	344	329	358	585.7
14	2.625	1648	3.8	-237.7	1231	1272	1214	1246	329	345	329	359	585.7
14	2.9375	1682	3.4	-237.7	1222	1258	1205	1238	330	345	329	359	585.7
14	2.3125	1523	3	-237.7	1211	1253	1194	1210	330	345	329	359	585.7
14	1.75	1542	2.6	-237.7	1206	1253	1181	1196	330	345	328	356	585.7
14	1.5625	1505	2.7	-237.7	1204	1249	1171	1186	328	343	325	354	585.7
14	2.4375	1508	2.8	-237.7	1200	1244	1165	1180	326	341	323	352	585.7
14	1.625	1632	3	-237.8	1199	1244	1163	1180	324	339	321	350	585.7

14	2.75	1664	3.4	-237.8	1200	1241	1175	1215	323	338	320	349	585.7
14	2.8125	1678	3.4	-237.8	1203	1245	1182	1233	323	338	320	349	585.7
14	2.25	2054	5.1	-237.8	1236	1271	1213	1288	325	338	322	351	585.7
14	2.125	1741	4.8	-237.8	1245	1285	1219	1288	328	342	325	356	585.7
14	0.5	1683	3.6	-237.8	1230	1270	1206	1253	329	343	326	357	585.7
14	3.1875	860	2.3	-237.8	1033	1000	951	1065	326	340	324	353	585.8
14	2.25	1676	2.3	-237.8	1069	1075	1052	1108	322	337	320	349	585.8
14	1.9375	1675	3.3	-237.8	1166	1197	1141	1210	322	337	320	350	585.8
14	3.5625	2034	4.4	-237.8	1220	1258	1194	1268	322	340	321	354	585.8
0	-4.6875	0	0	-237.7	-140	-140	-140	1999	603	-91	14	69	585.7
0	-5.375	0	0	-237.7	-140	-140	-140	1998	1013	-91	12	75	585.7
0	2.5	0	0	-237.7	-140	-140	-140	1994	447	-91	14	83	585.7
0	4	0	0	-237.7	-140	-140	-140	1992	234	-91	14	83	585.7
0	0.625	0	0	-237.7	-140	-77	-140	1991	197	-91	14	82	585.7
0	3.875	0	0	-237.7	-140	-50	-140	1989	86	-91	14	81	585.7
0	5.875	0	0	-237.7	-140	-28	-140	1988	88	-91	17	83	585.7
0	-8.625	0	0	-237.7	-140	-41	-140	1987	60	-91	14	79	585.7
0	4.0625	0	0	-237.7	-140	-70	-140	1987	165	-91	14	80	585.7
0	5.25	0	0	-237.7	-140	-59	-140	1987	27	-91	9	74	585.7
0	2.375	0	0	-237.7	-140	-49	-140	1987	79	-91	7	72	585.7
0	2.625	0	0	-237.7	-140	43	-140	1987	43	-91	10	75	585.7
0	2.25	0	0	-237.7	-140	18	-140	1986	186	-91	19	82	585.7
0	1.8125	0	0	-237.7	-140	-52	-140	1986	52	-91	7	-20	585.7
0	-0.125	0	0	-237.7	-140	-138	-140	1997	24	-91	4	-89	585.7
28	0.5	0	0	-237.7	-134	-134	955	-134	-84	-40	610	1403	585.7
28	1.5625	0	0	-237.7	-134	-134	65	22	-84	-83	592	1403	585.7
28	1.125	0	0	-237.7	-134	-134	-66	421	-84	-83	587	1403	585.7
28	1.4375	0	0	-237.7	-134	-134	-130	1788	-84	-83	574	1403	585.7
28	-2.125	0	0	-237.7	-134	-134	-133	2011	125	-83	547	1243	585.7
28	-2.4375	0	0	-237.7	-134	-134	-133	2012	556	-83	519	941	585.7
28	-1.0625	0	0	-237.7	-134	-134	-133	2012	892	-83	496	687	585.7
28	-0.5625	0	0	-237.7	-134	-134	-133	2012	1184	-83	472	448	585.7
28	-2.3125	0	0	-237.7	-134	-134	-133	2012	1400	-83	432	69	585.7
28	1.25	0	0	-237.7	-134	-134	-133	2012	1400	-83	375	-83	585.7

28	-0.9375	0	0	-237.7	-134	-134	-133	2012	1400	-83	323	-83	585.7
28	0.6875	0	0	-237.7	-134	-134	-133	2012	1400	-83	276	-83	585.7
28	-1.6875	0	0	-237.7	-133	-133	-133	2011	1400	19	199	1403	585.7
28	0.0625	0	0	-237.7	-133	-133	-133	2011	1400	-83	172	1403	585.7
28	-0.3125	0	0	-237.7	-133	-133	-133	2011	1400	-83	135	1403	585.7
28	2.5	0	0	-237.7	-133	-133	-133	2011	1400	-83	95	1400	585.7
28	-1	0	0	-237.7	-133	-133	-133	2011	1400	-83	67	1259	585.7
28	0.0625	0	0	-237.7	-133	-133	-133	2011	1400	-83	27	1007	585.7

tach	pitch	roll	heading	turn rate	airspeed	altitude	vert spd	gz	oat
460	14.3	2	22	0	0	1331	-29	1.0625	72
460	14.3	2	22	0	0	1331	5	1.0625	72
460	14.1	2	22	0	0	1332	-34	1.0625	73
460	14.1	2	22	0	0	1332	-15	1.0625	73
460	14.3	2	22	0	0	1331	9	1.0625	73
460	14	2	22	0	0	1332	-6	1.0625	73
460	14.1	3	22	0	0	1332	-4	1.0625	73
460	14.1	3	22	0	0	1331	15	1.0625	73
460	14.1	2	22	0	0	1332	6	1.0625	73
460	14.1	2	22	0	0	1332	7	1.0625	73
460	14.3	2	21	0	0	1332	-13	1.0625	73
460	14.1	2	21	0	0	1332	-30	1.0625	73
460	14.3	2	21	0	0	1332	-8	1.0625	73
460	14.1	2	21	0	0	1332	-38	1.0625	73
460	14	2	21	0	0	1331	3	1.0625	73
460	14.1	2	21	0	0	1332	-1	1.0625	73
460	14.3	2	21	0	0	1331	-2	1.0625	73
460	14.1	2	21	0	0	1332	4	1.0625	73
460	14	2	21	0	0	1332	-5	1.0625	73
460	14	2	21	0	0	1331	-1	1.0625	73
460	14	2	21	0	0	1332	44	1.0625	73
460	14.1	2	21	0	0	1332	37	1.0625	73
460	14.1	2	21	0	0	1331	19	1.0625	73
460	13.9	2	22	0	0	1331	-14	1.0625	73
460	14.1	2	21	0	0	1331	-23	1.0625	73
460	14.3	2	21	0	0	1332	18	1.0625	73
460	14	2	22	0	0	1332	-28	1.0625	73
460	14.3	2	22	0	0	1331	6	1.0625	73
460	14.3	1	33	-1	0	1331	-6	1.0625	73
460	13.9	2	10	-5	0	1332	35	1.0625	72
460	13.9	2	75	20	0	1331	7	1.0625	72
460	12.5	3	190	2	0	1332	-11	1.0625	72
460	15.3	1	206	6	0	1332	1	1.0625	71
460	16.3	1	202	-1	22	1359	637	1	72

460	4.3	17	260	8	60	1470	533	1.1875	71
460	0.8	-1	281	0	68	1534	164	1.0625	71
460	2.4	-4	284	1	70	1540	177	1.0625	70
460	0.5	-1	280	1	77	1562	-77	1.0625	70
460	0.9	2	277	0	77	1562	8	1	70
460	4.6	0	294	1	73	1568	275	0.9375	70
460	2	7	291	1	74	1628	423	0.9375	70
460	1.5	4	305	2	73	1660	68	1	70
460	2	-1	311	2	72	1666	-17	1.0625	70
460	3.6	-5	309	1	68	1673	99	1.1875	70
460	4.1	-1	301	0	66	1673	37	1	70
460	2.5	3	301	0	68	1673	-8	0.9375	70
460	1.8	2	304	1	70	1673	-153	1.125	70
460	1.6	-3	312	0	70	1673	9	1	70
460	2.6	-4	312	1	69	1668	104	1	70
460	1.6	-2	298	-2	73	1668	44	1.125	71
460	2.5	-3	285	-1	72	1698	9	1.0625	71
460.13	3.4	20	308	5	68	1698	-119	1.0625	71
460.13	-0.1	4	337	4	72	1688	-103	1.0625	71
460.13	1.9	-4	320	-1	70	1683	28	0.9375	70
460.13	2.1	-12	311	-1	67	1683	25	1	70
460.13	0.8	-1	287	-2	73	1683	48	1	70
460.13	0.6	1	280	-1	72	1684	-149	1.0625	70
460.13	2	3	279	-1	72	1684	-6	1.0625	70
460.13	2.1	-2	284	0	69	1685	-26	1.0625	70
460.13	2.4	1	279	1	69	1684	-2	1.0625	70
460.13	1.8	2	285	2	71	1684	-34	1	70
460.13	2.1	1	284	-1	70	1675	-43	1.125	69
460.13	0.5	-2	287	0	71	1674	2	1	69
460.13	-0.3	3	274	0	72	1655	-197	1	69
460.13	1.4	-6	268	-1	70	1647	-30	1	69
460.13	0.9	2	261	0	72	1621	-128	1	69
460.13	6.9	18	284	5	69	1617	216	1.1875	69
460.13	2	10	322	3	54	1657	-36	1	69
460.13	2.9	2	315	-3	43	1610	-612	1.0625	68

460.13	5	2	322	-1	36	1544	-350	1.0625	68
460.13	3.3	9	2	4	33	1508	-261	1.0625	68
460.13	7.9	6	69	7	28	1458	-329	1.0625	68
460.13	7.4	18	139	7	30	1419	-228	1	68
460.13	3.4	-1	186	2	44	1353	-310	1	68
460.13	5.1	1	174	-1	43	1345	7	1	68
460.13	4.9	-3	168	-1	43	1338	194	1.0625	68
460.13	2	-1	182	6	44	1344	22	1.125	68
460.13	1.9	7	200	2	48	1347	-68	1	69
460.13	1.4	0	216	-1	47	1322	-213	1	69
460.13	0	2	230	1	48	1268	-392	1.0625	69
460.13	1.1	4	241	-1	45	1210	-363	1.0625	69
460.13	4.3	7	276	4	42	1188	-23	1.125	69
460.13	3.3	5	293	3	41	1182	-149	1.125	69
460.13	2.1	1	297	2	42	1177	-19	1.125	69
460.13	4.4	0	287	0	40	1174	-169	1.125	69
460.13	3.8	-23	209	-11	43	1141	-285	1.25	69
460.13	6.9	-12	117	-6	35	1144	-49	1.125	69
460.13	8	-32	7	-8	33	1144	34	1.25	69
460.13	4.6	-20	267	-5	43	1122	-314	1.1875	69
460.13	7.5	-20	188	-8	41	1096	-108	1.1875	69
460.13	7.3	-20	92	-8	46	1077	-272	1.25	69
460.13	15.9	-16	20	-6	52	1094	660	1.1875	69
460.13	7.1	-2	330	-3	45	1159	56	1.125	69
460.13	3.5	1	331	0	51	1169	-5	1	69
460.13	2.5	9	331	-2	56	1176	17	1.0625	69
460.13	4.4	10	4	3	54	1177	11	1	69
460.13	-0.4	4	35	1	58	1177	-28	1.125	69
460.13	0.6	4	71	3	64	1183	266	0.9375	69
460.13	1.8	1	88	3	68	1207	302	0.8125	69
460.13	3	1	95	0	70	1219	54	1	69
460.19	2.9	2	93	-1	71	1232	51	1.125	69
460.19	2.3	-3	92	1	72	1251	181	1	69
460.19	4.8	-1	85	1	60	1269	21	1	69
460.19	5.3	-2	84	0	58	1274	-9	1	69

460.19	6.9	-1	84	0	58	1296	142	1	69
460.19	3.1	-4	81	-1	59	1334	188	1	69
460.19	2.1	-10	85	-1	63	1353	103	1	69
460.19	1.4	2	69	-1	64	1355	109	1	69
460.19	2.3	1	73	-1	65	1371	39	1.0625	70
460.19	3.3	-2	65	0	64	1386	120	1	70
460.19	5.6	-1	54	0	61	1398	83	1.0625	70
460.19	7.9	5	45	-2	53	1428	183	1	70
460.19	3	-5	61	1	62	1482	387	1.125	70
460.19	2.9	-14	23	-6	64	1517	22	1.3125	70
460.19	8.4	-7	349	-3	63	1524	-88	1.125	70
460.19	6.3	2	330	-2	53	1562	16	1.0625	70
460.19	6.8	-9	330	-1	52	1596	302	1.125	70
460.19	7.8	5	333	1	53	1607	-70	1.1875	69
460.19	2.4	-24	262	-11	55	1607	-16	1.1875	69
460.19	4	-12	237	0	58	1607	36	1.0625	69
460.19	1.3	-8	201	-5	42	1607	-13	1	69
460.19	6.1	-5	148	-8	39	1584	-123	1	69
460.19	11.3	-6	87	-1	33	1530	-159	1	69
460.19	10.4	5	77	1	28	1525	66	1	69
460.19	8.6	3	75	-1	36	1525	112	1.0625	69
460.19	10.4	3	61	0	30	1525	66	1.0625	69
460.19	8.9	9	72	-2	34	1585	484	1	69
460.19	9.3	2	66	-4	36	1598	47	1.0625	69
460.19	12.4	-25	23	-6	27	1608	76	1.1875	69
460.19	12.3	-18	220	-12	32	1632	-29	1.0625	70
460.19	10	1	244	4	36	1633	198	1.0625	70
460.19	5.8	2	255	2	40	1643	-210	1.125	70
460.19	6.6	1	240	1	39	1656	239	0.9375	70
460.19	4.3	3	253	-2	36	1658	-37	1	70
460.19	1.9	-7	252	-2	39	1665	114	0.9375	69
460.19	3.6	14	275	6	43	1633	-271	1.125	70
460.19	3.6	19	331	9	36	1633	-78	1.0625	69
460.19	4.4	3	27	3	35	1615	-131	1.0625	69
460.19	9.8	8	74	8	34	1606	15	1.125	69

460.19	6.3	-7	57	0	32	1606	-13	1	69
460.19	9.5	11	58	1	34	1602	48	1.0625	69
460.19	22.5	31	173	17	20	1623	448	1.1875	69
460.19	7.4	-4	267	3	32	1651	6	1.0625	69
460.19	7.8	-2	252	0	38	1652	59	1	69
460.19	2.1	-26	151	-9	33	1611	-573	1.25	69
460.19	0.1	-29	327	-18	34	1592	-176	1.3125	69
460.19	8.1	-15	205	-9	32	1515	-339	1.1875	70
460.19	-41.5	-100	71	-17	28	1523	-315	1.25	70
460.19	24	-13	0	-125	0	1369	84	0.3125	74
460.19	38.6	-17	0	-128	0	1377	-1	0.3125	74
460.19	40.1	-19	0	-128	0	1377	-127	0.25	76
460.19	70.3	64	0	-127	0	1376	-79	0.25	74
460.19	70.3	64	0	-125	0	1360	-86	0.25	74
460.19	69.8	64	0	-125	0	1350	-105	0.25	74
460.19	69.1	64	0	-118	0	1342	-101	0.25	83
460.19	70.4	64	0	-126	0	1332	-97	0.25	93
460.19	70.3	64	0	-125	0	1325	-37	0.25	94
460.19	70.3	64	0	-125	0	1323	-90	0.25	94
460.19	70	63	0	-125	0	1313	-129	0.25	95
460.19	72.6	59	0	-124	0	1313	-93	0.25	95
460.19	75.4	56	0	-125	0	1306	-56	0.3125	97
460.19	33	27	0	-128	0	1300	-61	0.875	-100
460.19	49.3	118	0	126	0	1287	-54	-0.25	111
460.19	22.5	0	0	-122	0	1370	296	1	-46
460.19	22.3	0	0	-128	0	1380	7	1.0625	-46
460.19	22.1	0	0	-128	0	1381	-25	1.0625	-46
460.19	22.1	0	0	-128	0	1380	-42	1.0625	-46
460.19	22	0	0	-128	0	1380	-98	1.0625	-46
460.19	22	1	0	-128	0	1380	-61	1.0625	-46
460.19	21.4	1	0	-128	0	1375	-114	1.0625	-46
460.19	21.4	1	0	-128	0	1371	-56	1.0625	-45
460.19	21.4	1	0	-128	0	1356	-139	1.0625	-46
460.19	21.4	1	0	-128	0	1345	-70	1.0625	-46

460.19	21.3	1	0	-128	0	1335	-66	1.0625	-46
460.19	21.3	1	0	-128	0	1326	-62	1.0625	-46
460.19	22	1	0	-122	0	1366	2	1.0625	-46
460.19	21.6	1	0	-128	0	1373	-14	1.0625	-46
460.19	21.1	1	0	-128	0	1373	22	1.0625	-46
460.19	21.3	1	0	-128	0	1364	17	1.0625	-46
460.19	21.3	1	0	-128	0	1365	-3	1.0625	-46
460.19	21.3	1	0	-128	0	1365	-41	1.0625	-46

lat	lon	Time	Speed	Track	oil pres	man pres	oil temp	fuel pres	volts	amps	rpm	fuel flow	egt 1
33.17685318	-117.000855	17:32:45	0	88	49	24	172	104	14	1.8	683	1.5	798
33.17685151	-117.000868	17:32:55	0	88	49	24	172	104	14	2.3	681	1.3	769
33.17685318	-117.000858	17:33:05	0	88	49	24	172	104	14	0.3	692	1.3	755
33.17685485	-117.000852	17:33:15	0	88	49	24	172	104	14	1.3	685	1.2	749
33.17685318	-117.000867	17:33:25	0	88	49	24	172	104	14	1.2	690	1.2	744
33.17686152	-117.000875	17:33:35	0	88	49	24	172	104	14	1.9	697	0.9	739
33.17686486	-117.000867	17:33:45	0	88	49	24	172	104	14	1.1	707	1.1	737
33.17686486	-117.000867	17:33:55	0	88	49	24	171	104	14	1.6	708	0.9	735
33.17686486	-117.000868	17:34:05	0	88	49	24	172	104	14	0.3	702	0.9	735
33.17687321	-117.000883	17:34:15	0	88	49	24	172	104	14	1.3	677	0.9	733
33.17687654	-117.000868	17:34:25	0	88	49	24	171	104	14	2.0	680	0.9	731
33.17687154	-117.000872	17:34:35	0	88	49	24	170	104	14	2.1	687	1.2	730
33.17686319	-117.000887	17:34:45	0	88	49	24	170	104	14	1.8	695	0.9	730
33.17687154	-117.000883	17:34:55	0	88	49	24	171	104	14	1.9	701	0.9	731
33.17688322	-117.000875	17:35:05	0	88	49	24	170	104	14	0.8	713	1	731
33.17686653	-117.000888	17:35:15	0	88	49	24	171	104	14	-0.2	713	0.9	734
33.1768682	-117.000883	17:35:25	0	88	49	24	170	104	14	2.1	702	0.9	735
33.17687321	-117.000872	17:35:35	0	88	49	24	170	104	14	0.8	703	0.8	737
33.17687821	-117.00087	17:35:45	0	88	49	24	169	104	14	1.5	695	0.9	737
33.17687154	-117.000882	17:35:55	0	88	49	24	170	104	14	1.6	683	0.8	735
33.17686653	-117.00088	17:36:05	0	88	49	24	169	104	14	1.8	706	0.8	735
33.17686486	-117.000883	17:36:15	0	88	49	24	170	104	14	3.8	719	0.7	737
33.17686653	-117.000885	17:36:25	0	88	49	24	169	104	14	1.2	716	0.6	739
33.17685151	-117.00088	17:36:35	0	88	49	24	169	104	14	0.1	695	0.7	740
33.17685485	-117.000885	17:36:45	0	88	49	24	170	104	14	1.3	692	0.6	740
33.17685819	-117.000892	17:36:55	0	88	49	24	170	104	14	0.5	695	0.8	740
33.17686152	-117.000887	17:37:05	0	88	49	24	170	104	14	0.6	697	0.6	741
33.17686319	-117.000878	17:37:15	0	88	55	24	170	104	14	2.0	1099	0.9	774
33.1769464	-117.000732	17:37:25	5	47	57	24	169	104	14	2.1	1118	1.9	880
33.17716146	-117.000437	17:37:35	8	33	55	24	169	104	14	0.2	956	1.9	883
33.17741323	-117.0003	17:37:45	3	28	55	24	169	104	14	2.2	1113	1.9	860
33.17735982	-117.000213	17:37:55	0	137	55	24	169	104	14	0.4	1083	2.3	886
33.17736816	-117.000218	17:38:05	4	138	72	27	170	104	14	2.5	2249	2.9	936
33.17645311	-117.001173	17:38:15	36	203	79	28	167	104	14	2.5	2378	8.8	1198

33.17533493	-117.003287	17:38:25	59	264	77	27	166	104	14	2.4	2316	10.6	1228
33.17666817	-117.006442	17:38:35	71	296	74	26	166	104	14	4.0	2192	7	1259
33.17885971	-117.009633	17:38:45	76	300	74	25	167	104	14	2.1	2177	6.3	1278
33.18109989	-117.013037	17:38:55	81	293	74	25	168	104	14	3.0	2223	6.1	1283
33.18324161	-117.016732	17:39:05	81	293	74	25	169	104	14	2.6	2194	6	1287
33.18543482	-117.019823	17:39:15	81	304	74	25	171	104	14	1.9	2166	5.9	1288
33.18830991	-117.023177	17:39:25	79	303	74	25	171	104	14	2.9	2064	5.7	1283
33.19114637	-117.025897	17:39:35	78	314	73	25	172	104	14	2.8	2065	5.1	1278
33.19396138	-117.027848	17:39:45	78	322	73	25	172	104	14	3.4	2048	5	1271
33.19753981	-117.029872	17:39:55	76	322	73	25	172	104	14	2.2	2032	5.1	1266
33.20060992	-117.031823	17:40:05	75	318	73	25	172	104	14	2.1	2018	5	1267
33.20326805	-117.033782	17:40:15	76	315	73	25	172	104	14	2.3	2036	4.8	1263
33.20663309	-117.036243	17:40:25	79	319	73	25	172	104	14	1.6	2038	4.9	1263
33.21002984	-117.03787	17:40:35	78	330	73	25	171	104	14	2.9	2042	5.1	1261
33.21339154	-117.039458	17:40:45	77	325	73	25	172	104	14	3.1	2034	4.9	1264
33.21645308	-117.041647	17:40:55	76	310	73	25	172	104	14	2.4	2066	4.9	1265
33.21904802	-117.044403	17:41:05	74	300	73	25	172	104	14	2.3	2063	4.9	1265
33.2213881	-117.047353	17:41:15	74	313	73	25	172	104	14	2.7	2030	4.9	1265
33.22475982	-117.048477	17:41:25	80	347	73	25	173	104	14	2.6	2062	4.8	1261
33.22839475	-117.048988	17:41:35	77	337	73	25	172	104	14	2.6	2042	5.1	1267
33.23178983	-117.050067	17:41:45	76	329	73	25	172	104	14	2.1	2023	5	1266
33.23449135	-117.051958	17:41:55	75	308	73	25	172	104	14	2.2	2080	4.9	1264
33.23694801	-117.05489	17:42:05	76	298	73	25	172	104	14	3.1	2069	5.1	1263
33.23932981	-117.058438	17:42:15	74	295	73	25	172	104	14	2.3	2060	5	1264
33.24146318	-117.061532	17:42:25	72	297	73	25	172	104	14	2.1	2040	5.1	1265
33.24346137	-117.064722	17:42:35	72	293	73	25	172	104	14	3.5	2038	4.9	1262
33.24550319	-117.06794	17:42:45	74	299	73	25	172	104	14	3.3	2050	5	1264
33.24782133	-117.070967	17:42:55	74	301	73	25	172	104	14	1.9	2046	5.1	1266
33.24996805	-117.073613	17:43:05	73	305	73	25	172	104	14	1.6	2054	5.1	1265
33.25239635	-117.07699	17:43:15	74	293	73	25	172	104	14	2.3	2064	5.1	1265
33.25422478	-117.080408	17:43:25	72	284	73	25	172	104	14	1.6	2034	5.1	1262
33.25538135	-117.084207	17:43:35	74	275	73	25	172	104	14	2.3	2056	5.1	1264
33.25653148	-117.087985	17:43:45	71	291	73	25	172	104	14	2.4	2040	5.1	1266
33.25906301	-117.089885	17:43:55	63	333	62	24	174	104	14	1.7	1302	3.6	1225
33.26184297	-117.0904	17:44:05	58	337	53	24	179	104	14	1.4	946	1.1	1002

33.26433969	-117.090725	17:44:15	52	343	56	24	175	104	14	1.4	1173	1.6	921
33.26663136	-117.090555	17:44:25	52	12	57	24	169	104	14	2.0	1168	1.9	920
33.2680831	-117.088407	17:44:35	52	68	57	24	168	104	14	2.1	1160	2	914
33.26744485	-117.085957	17:44:45	46	130	61	24	169	104	14	2.1	1436	2.4	1034
33.26556301	-117.08567	17:44:55	50	179	67	24	169	104	14	3.9	1692	3	1121
33.26293802	-117.086048	17:45:05	53	168	68	24	170	104	14	2.3	1690	3.3	1171
33.26040983	-117.085923	17:45:15	55	161	68	25	169	104	14	1.1	1685	3.4	1187
33.2579565	-117.085635	17:45:25	52	173	67	24	170	104	14	1.6	1682	3.5	1199
33.25599146	-117.086085	17:45:35	54	190	68	24	169	104	14	2.9	1572	3.1	1202
33.25370646	-117.088173	17:45:45	52	216	66	24	170	104	14	1.3	1566	2.9	1205
33.25241971	-117.090202	17:45:55	51	230	64	24	170	104	14	2.1	1408	2.3	1161
33.25158811	-117.09301	17:46:05	48	247	64	24	169	104	14	2.7	1444	2.3	1125
33.25176311	-117.095507	17:46:15	45	285	66	25	171	104	14	2.6	1602	2.9	1162
33.25299811	-117.097538	17:46:25	48	306	66	25	172	104	14	1.9	1609	3.1	1181
33.25461817	-117.098983	17:46:35	48	314	66	24	171	104	14	2.3	1585	3	1187
33.25656986	-117.100772	17:46:45	48	308	66	25	171	104	14	2.3	1580	3	1193
33.25748801	-117.102912	17:46:55	47	230	66	25	171	104	14	2.4	1593	2.7	1196
33.25558472	-117.102908	17:47:05	53	120	66	25	171	104	14	1.8	1637	3.3	1197
33.255198	-117.100138	17:47:15	49	43	66	25	171	104	14	2.2	1625	3.4	1196
33.25699973	-117.100622	17:47:25	49	292	67	25	169	104	14	2.3	1665	3.1	1201
33.25665808	-117.102858	17:47:35	49	192	67	25	171	104	14	2.5	1645	3.2	1193
33.25469971	-117.101493	17:47:45	65	92	71	26	170	104	14	3.0	1986	3.9	1208
33.25549984	-117.097937	17:47:55	66	42	75	25	169	104	14	3.1	1982	5.8	1252
33.25775981	-117.096488	17:48:05	56	355	70	25	170	104	14	2.9	1790	4.3	1243
33.26041651	-117.096443	17:48:15	59	348	70	25	171	104	14	2.6	1818	4	1238
33.26330137	-117.096535	17:48:25	64	347	70	25	171	104	14	2.8	1852	4.1	1238
33.26628137	-117.095777	17:48:35	68	12	70	25	171	104	14	2.1	1839	4.1	1240
33.26855969	-117.093702	17:48:45	72	37	70	25	172	104	14	0.9	1858	4.1	1241
33.2703898	-117.089753	17:48:55	78	64	73	25	171	104	14	2.9	2066	5	1258
33.27070975	-117.085382	17:49:05	81	82	73	25	170	104	14	2.3	2101	5.5	1274
33.27025485	-117.080885	17:49:15	83	88	73	25	170	104	14	3.5	2103	5.6	1279
33.26956463	-117.076402	17:49:25	83	87	73	25	170	104	14	1.2	2119	5.6	1282
33.26892972	-117.071898	17:49:35	82	86	73	25	171	104	14	2.9	1998	5.3	1283
33.26854968	-117.067677	17:49:45	75	85	72	25	172	104	14	2.1	1890	4.3	1266
33.26809812	-117.06362	17:49:55	74	86	71	25	173	104	14	3.6	1920	4.4	1257

33.26767969	-117.059603	17:50:05	71	87	72	25	173	104	14	4.3	1931	4.5	1257
33.26714468	-117.055702	17:50:15	75	83	72	25	173	104	14	1.2	1966	4.6	1258
33.26684809	-117.051495	17:50:25	77	81	72	25	171	104	14	2.6	1980	4.8	1264
33.26723981	-117.047235	17:50:35	78	68	72	25	172	104	14	2.3	1992	4.8	1271
33.2676897	-117.042993	17:50:45	78	72	72	25	172	104	14	2.2	1999	5	1270
33.26822138	-117.038792	17:50:55	77	65	72	25	172	104	14	3.0	1994	4.8	1268
33.26917315	-117.034778	17:51:05	74	59	72	25	172	104	14	2.6	1967	4.8	1262
33.2703414	-117.031062	17:51:15	69	54	72	25	172	104	14	2.9	1931	4.8	1260
33.27134299	-117.027333	17:51:25	73	67	72	25	173	104	14	2.1	1967	4.8	1260
33.27243805	-117.023867	17:51:35	76	44	72	25	172	104	14	3.3	1989	4.8	1262
33.27539968	-117.02101	17:51:45	74	13	72	25	172	104	14	2.9	1924	4.8	1265
33.27832818	-117.020088	17:51:55	63	349	70	25	173	104	14	2.5	1866	4.3	1254
33.28122306	-117.019927	17:52:05	60	347	70	25	173	104	14	2.4	1851	4.2	1242
33.28401303	-117.020265	17:52:15	63	347	70	24	173	104	14	2.5	1862	4.2	1240
33.28663635	-117.021117	17:52:25	57	294	70	25	173	104	14	2.0	1885	4.3	1243
33.2867713	-117.024192	17:52:35	57	248	70	24	173	104	14	2.5	1907	4.3	1243
33.28543806	-117.026508	17:52:45	49	200	63	24	172	104	14	2.3	1338	2.5	1151
33.28316307	-117.026968	17:52:55	53	148	62	24	173	104	14	2.7	1312	2.1	1094
33.28149295	-117.024743	17:53:05	57	92	62	24	173	104	14	2.7	1486	2.4	1098
33.28124809	-117.021793	17:53:15	53	82	66	24	173	104	14	1.7	1629	3.2	1166
33.2809763	-117.018777	17:53:25	56	82	66	24	174	104	14	1.7	1653	3.1	1184
33.28096151	-117.015735	17:53:35	55	74	70	25	173	104	14	2.0	1879	4.4	1216
33.28121638	-117.01259	17:53:45	56	74	69	24	172	104	14	2.4	1742	4.6	1238
33.28132796	-117.009433	17:53:55	58	72	68	24	172	104	14	1.6	1744	3.8	1229
33.28185964	-117.006473	17:54:05	52	47	67	24	173	104	14	2.6	1724	3.8	1224
33.28299975	-117.006803	17:54:15	38	233	70	25	173	104	14	2.1	1832	4.7	1236
33.2819047	-117.008258	17:54:25	41	227	69	24	172	104	14	2.8	1724	4.2	1240
33.28129482	-117.010625	17:54:35	45	254	67	24	173	104	14	3.1	1736	3.7	1233
33.28102136	-117.013083	17:54:45	43	242	67	24	173	104	14	2.6	1648	3.8	1231
33.28070474	-117.015418	17:54:55	44	259	67	24	172	104	14	2.9	1682	3.4	1222
33.28091979	-117.017892	17:55:05	44	258	66	24	173	104	14	2.3	1523	3	1211
33.28099132	-117.020408	17:55:15	48	281	66	24	173	104	14	1.8	1542	2.6	1206
33.2825563	-117.021983	17:55:25	47	338	66	24	172	104	14	1.6	1505	2.7	1204
33.28468966	-117.020838	17:55:35	56	35	66	24	172	104	14	2.4	1508	2.8	1200
33.28591633	-117.01802	17:55:45	58	73	66	24	172	104	14	1.6	1632	3	1199

33.28601813	-117.014938	17:55:55	56	68	67	24	174	104	14	2.8	1664	3.4	1200
33.28685308	-117.011845	17:56:05	58	59	67	24	174	104	14	2.8	1678	3.4	1203
33.28661299	-117.009525	17:56:15	40	139	73	26	174	104	14	2.3	2054	5.1	1236
33.28598642	-117.010968	17:56:25	40	281	69	25	173	104	14	2.1	1741	4.8	1245
33.28640962	-117.013295	17:56:35	42	262	67	24	173	104	14	0.5	1683	3.6	1230
33.28538132	-117.014577	17:56:45	46	152	52	24	174	104	14	3.2	860	2.3	1033
33.28517795	-117.012287	17:56:55	52	18	65	24	175	104	14	2.3	1676	2.3	1069
33.28622651	-117.013455	17:57:05	36	231	67	25	174	104	14	1.9	1675	3.3	1166
33.28499317	-117.013993	17:57:15	42	123	72	26	172	104	14	3.6	2034	4.4	1220

egt 2	egt 3	egt 4	cht 1	cht 2	cht 3	cht 4	hobbs	tach	pitch	roll	heading	turn rate	airspeed	vert spd
820	640	835	290	297	277	310	585.3	460	14.3	2	22	0	0	-29
779	539	809	289	294	274	307	585.3	460	14.3	2	22	0	0	5
764	487	803	287	291	269	304	585.3	460	14.1	2	22	0	0	-34
756	455	796	286	289	265	302	585.3	460	14.1	2	22	0	0	-15
754	435	792	285	287	261	300	585.3	460	14.3	2	22	0	0	9
750	421	787	284	284	257	298	585.3	460	14	2	22	0	0	-6
753	401	786	283	282	253	297	585.3	460	14.1	3	22	0	0	-4
751	393	784	282	280	250	295	585.3	460	14.1	3	22	0	0	15
744	381	784	282	279	246	294	585.3	460	14.1	2	22	0	0	6
742	383	777	281	278	243	293	585.4	460	14.1	2	22	0	0	7
745	374	773	281	276	239	291	585.4	460	14.3	2	21	0	0	-13
748	362	772	280	275	236	290	585.4	460	14.1	2	21	0	0	-30
748	355	769	279	273	233	289	585.4	460	14.3	2	21	0	0	-8
746	349	769	279	272	230	289	585.4	460	14.1	2	21	0	0	-38
747	344	768	278	272	227	288	585.4	460	14	2	21	0	0	3
748	342	769	278	271	224	288	585.4	460	14.1	2	21	0	0	-1
742	337	769	278	270	221	287	585.4	460	14.3	2	21	0	0	-2
738	335	769	277	269	219	286	585.4	460	14.1	2	21	0	0	4
740	333	767	277	269	216	286	585.4	460	14	2	21	0	0	-5
736	329	762	277	268	214	285	585.4	460	14	2	21	0	0	-1
737	327	760	277	267	211	284	585.4	460	14	2	21	0	0	44
736	326	763	276	267	209	284	585.4	460	14.1	2	21	0	0	37
733	324	764	276	266	207	283	585.4	460	14.1	2	21	0	0	19
733	322	762	276	266	204	283	585.4	460	13.9	2	22	0	0	-14
734	321	759	276	265	203	282	585.4	460	14.1	2	21	0	0	-23
734	319	758	276	265	201	282	585.4	460	14.3	2	21	0	0	18
733	317	755	276	264	199	281	585.4	460	14	2	22	0	0	-28
766	496	786	276	263	197	280	585.4	460	14.3	2	22	0	0	6
890	840	877	276	263	197	280	585.4	460	14.3	1	33	-1	0	-6
899	938	879	276	264	198	280	585.4	460	13.9	2	10	-5	0	35
880	966	865	276	264	200	280	585.4	460	13.9	2	75	20	0	7
904	987	886	277	265	204	281	585.4	460	12.5	3	190	2	0	-11
949	1044	946	277	266	207	281	585.4	460	15.3	1	206	6	0	1
1291	1259	1289	290	282	225	297	585.4	460	16.3	1	202	-1	22	637

1302	1267	1300	303	299	244	309	585.4	460	4.3	17	260	8	60	533
1327	1253	1334	311	311	255	317	585.4	460	0.8	-1	281	0	68	164
1326	1260	1345	316	319	265	324	585.4	460	2.4	-4	284	1	70	177
1325	1255	1345	321	326	274	331	585.4	460	0.5	-1	280	1	77	-77
1326	1261	1341	324	332	282	336	585.4	460	0.9	2	277	0	77	8
1314	1262	1344	326	337	288	339	585.4	460	4.6	0	294	1	73	275
1311	1256	1333	327	341	293	342	585.4	460	2	7	291	1	74	423
1311	1257	1315	328	343	297	344	585.4	460	1.5	4	305	2	73	68
1305	1256	1302	329	344	301	345	585.4	460	2	-1	311	2	72	-17
1303	1254	1302	329	346	304	346	585.4	460	3.6	-5	309	1	68	99
1296	1249	1292	330	346	307	347	585.4	460	4.1	-1	301	0	66	37
1303	1250	1295	330	347	309	348	585.4	460	2.5	3	301	0	68	-8
1303	1254	1296	330	348	311	349	585.4	460	1.8	2	304	1	70	-153
1305	1261	1305	330	348	314	349	585.4	460	1.6	-3	312	0	70	9
1301	1256	1295	330	348	315	350	585.4	460	2.6	-4	312	1	69	104
1303	1261	1304	330	348	317	350	585.4	460	1.6	-2	298	-2	73	44
1303	1261	1304	330	348	319	350	585.4	460	2.5	-3	285	-1	72	9
1300	1262	1302	330	349	320	351	585.4	460.13	3.4	20	308	5	68	-119
1303	1257	1298	330	349	322	351	585.4	460.13	-0.1	4	337	4	72	-103
1303	1261	1302	330	349	324	352	585.4	460.13	1.9	-4	320	-1	70	28
1304	1257	1303	330	349	325	353	585.5	460.13	2.1	-12	311	-1	67	25
1300	1256	1297	330	349	325	354	585.5	460.13	0.8	-1	287	-2	73	48
1305	1259	1303	330	349	326	355	585.5	460.13	0.6	1	280	-1	72	-149
1304	1261	1305	330	349	326	355	585.5	460.13	2	3	279	-1	72	-6
1304	1263	1307	330	349	326	355	585.5	460.13	2.1	-2	284	0	69	-26
1302	1261	1304	330	349	327	355	585.5	460.13	2.4	1	279	1	69	-2
1299	1261	1303	330	349	328	356	585.5	460.13	1.8	2	285	2	71	-34
1295	1259	1298	330	349	328	356	585.5	460.13	2.1	1	284	-1	70	-43
1306	1262	1297	330	349	329	356	585.5	460.13	0.5	-2	287	0	71	2
1304	1267	1305	330	349	329	356	585.5	460.13	-0.3	3	274	0	72	-197
1307	1266	1306	330	349	329	356	585.5	460.13	1.4	-6	268	-1	70	-30
1305	1262	1301	330	349	329	356	585.5	460.13	0.9	2	261	0	72	-128
1302	1261	1301	330	349	329	356	585.5	460.13	6.9	18	284	5	69	216
1250	1228	1244	330	348	329	356	585.5	460.13	2	10	322	3	54	-36
943	915	1062	323	338	323	346	585.5	460.13	2.9	2	315	-3	43	-612

883	879	986	315	328	314	336	585.5	460.13	5	2	322	-1	36	-350
916	993	975	310	321	309	331	585.5	460.13	3.3	9	2	4	33	-261
927	1026	960	305	316	304	326	585.5	460.13	7.9	6	69	7	28	-329
1052	1080	1065	302	313	301	324	585.5	460.13	7.4	18	139	7	30	-228
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1212	1157	1202	302	313	300	324	585.5	460.13	5.1	1	174	-1	43	7
1229	1171	1218	302	313	300	325	585.5	460.13	4.9	-3	168	-1	43	194
1232	1175	1221	302	313	300	325	585.6	460.13	2	-1	182	6	44	22
1237	1181	1220	302	313	300	327	585.6	460.13	1.9	7	200	2	48	-68
1245	1177	1201	302	313	300	327	585.6	460.13	1.4	0	216	-1	47	-213
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1117	1138	1108	300	309	297	322	585.6	460.13	1.1	4	241	-1	45	-363
1185	1146	1165	299	308	295	321	585.6	460.13	4.3	7	276	4	42	-23
1218	1156	1200	299	308	295	321	585.6	460.13	3.3	5	293	3	41	-149
1227	1165	1210	299	308	295	321	585.6	460.13	2.1	1	297	2	42	-19
1231	1164	1208	300	308	294	321	585.6	460.13	4.4	0	287	0	40	-169
1232	1167	1214	301	308	294	321	585.6	460.13	3.8	-23	209	-11	43	-285
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1234	1170	1231	303	309	294	325	585.6	460.13	8	-32	7	-8	33	34
1238	1176	1232	304	311	294	327	585.6	460.13	4.6	-20	267	-5	43	-314
1223	1174	1227	305	312	295	328	585.6	460.13	7.5	-20	188	-8	41	-108
1245	1188	1243	305	314	296	329	585.6	460.13	7.3	-20	92	-8	46	-272
1289	1229	1309	309	321	301	335	585.6	460.13	15.9	-16	20	-6	52	660
1282	1221	1276	313	324	305	338	585.6	460.13	7.1	-2	330	-3	45	56
1282	1219	1270	314	327	308	340	585.6	460.13	3.5	1	331	0	51	-5
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1284	1221	1269	317	331	312	343	585.6	460.13	4.4	10	4	3	54	11
1279	1223	1272	318	332	313	344	585.6	460.13	-0.4	4	35	1	58	-28
1291	1232	1295	320	333	314	346	585.6	460.13	0.6	4	71	3	64	266
1300	1248	1316	323	338	316	349	585.6	460.13	1.8	1	88	3	68	302
1307	1254	1322	326	341	318	351	585.6	460.13	3	1	95	0	70	54
1311	1256	1325	329	344	319	353	585.6	460.19	2.9	2	93	-1	71	51
1311	1258	1326	330	347	320	354	585.6	460.19	2.3	-3	92	1	72	181
1303	1247	1289	330	347	320	354	585.6	460.19	4.8	-1	85	1	60	21
1295	1241	1283	330	347	320	354	585.6	460.19	5.3	-2	84	0	58	-9

1295	1243	1287	330	347	321	354	585.6	460.19	6.9	-1	84	0	58	142
1297	1247	1294	330	347	323	354	585.6	460.19	3.1	-4	81	-1	59	188
1299	1247	1291	330	347	324	355	585.6	460.19	2.1	-10	85	-1	63	103
1300	1253	1297	330	347	325	356	585.6	460.19	1.4	2	69	-1	64	109
1297	1258	1300	331	348	326	357	585.6	460.19	2.3	1	73	-1	65	39
1300	1254	1295	331	348	326	359	585.6	460.19	3.3	-2	65	0	64	120
1300	1252	1294	331	349	327	359	585.6	460.19	5.6	-1	54	0	61	83
1297	1251	1290	331	349	327	360	585.6	460.19	7.9	5	45	-2	53	183
1293	1250	1292	331	349	328	361	585.6	460.19	3	-5	61	1	62	387
1295	1254	1295	331	349	329	361	585.6	460.19	2.9	-14	23	-6	64	22
1298	1254	1292	332	349	329	362	585.6	460.19	8.4	-7	349	-3	63	-88
1284	1242	1276	332	349	329	362	585.6	460.19	6.3	2	330	-2	53	16
1284	1238	1277	332	349	330	362	585.6	460.19	6.8	-9	330	-1	52	302
1281	1235	1275	332	349	330	362	585.6	460.19	7.8	5	333	1	53	-70
1279	1236	1277	332	349	331	362	585.6	460.19	2.4	-24	262	-11	55	-16
1286	1246	1283	332	349	331	362	585.6	460.19	4	-12	237	0	58	36
1146	1181	1153	329	346	331	358	585.6	460.19	1.3	-8	201	-5	42	-13
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1190	1160	1186	319	332	320	345	585.7	460.19	10.4	5	77	1	28	66
1221	1172	1211	319	332	320	345	585.7	460.19	8.6	3	75	-1	36	112
1249	1203	1247	319	332	319	346	585.7	460.19	10.4	3	61	0	30	66
1267	1222	1267	321	334	321	349	585.7	460.19	8.9	9	72	-2	34	484
1263	1211	1250	322	335	322	350	585.7	460.19	9.3	2	66	-4	36	47
1259	1211	1250	323	335	323	351	585.7	460.19	12.4	-25	23	-6	27	76
1268	1228	1288	325	339	325	355	585.7	460.19	12.3	-18	220	-12	32	-29
1280	1230	1278	328	342	328	357	585.7	460.19	10	1	244	4	36	198
1270	1221	1257	328	344	329	358	585.7	460.19	5.8	2	255	2	40	-210
1272	1214	1246	329	345	329	359	585.7	460.19	6.6	1	240	1	39	239
1258	1205	1238	330	345	329	359	585.7	460.19	4.3	3	253	-2	36	-37
1253	1194	1210	330	345	329	359	585.7	460.19	1.9	-7	252	-2	39	114
1253	1181	1196	330	345	328	356	585.7	460.19	3.6	14	275	6	43	-271
1249	1171	1186	328	343	325	354	585.7	460.19	3.6	19	331	9	36	-78
1244	1165	1180	326	341	323	352	585.7	460.19	4.4	3	27	3	35	-131
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1241	1175	1215	323	338	320	349	585.7	460.19	6.3	-7	57	0	32	-13
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1271	1213	1288	325	338	322	351	585.7	460.19	22.5	31	173	17	20	448
1285	1219	1288	328	342	325	356	585.7	460.19	7.4	-4	267	3	32	6
1270	1206	1253	329	343	326	357	585.7	460.19	7.8	-2	252	0	38	59
1000	951	1065	326	340	324	353	585.8	460.19	2.1	-26	151	-9	33	-573
1075	1052	1108	322	337	320	349	585.8	460.19	0.1	-29	327	-18	34	-176
1197	1141	1210	322	337	320	350	585.8	460.19	8.1	-15	205	-9	32	-339
1258	1194	1268	322	340	321	354	585.8	460.19	-41.5	-100	71	-17	28	-315

oat	altitude	adjusted alt
72	1331	1653
72	1331	1653
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73	1332	1654
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72	1332	1654
71	1332	1654
72	1359	1681

71	1470	1792
71	1534	1856
70	1540	1862
70	1562	1884
70	1562	1884
70	1568	1890
70	1628	1950
70	1660	1982
70	1666	1988
70	1673	1995
70	1673	1995
70	1673	1995
70	1673	1995
70	1673	1995
70	1668	1990
71	1668	1990
71	1698	2020
71	1698	2020
71	1688	2010
70	1683	2005
70	1683	2005
70	1683	2005
70	1684	2006
70	1684	2006
70	1685	2007
70	1684	2006
70	1684	2006
69	1675	1997
69	1674	1996
69	1655	1977
69	1647	1969
69	1621	1943
69	1617	1939
69	1657	1979
68	1610	1932

68	1544	1866
68	1508	1830
68	1458	1780
68	1419	1741
68	1353	1675
68	1345	1667
68	1338	1660
68	1344	1666
69	1347	1669
69	1322	1644
69	1268	1590
69	1210	1532
69	1188	1510
69	1182	1504
69	1177	1499
69	1174	1496
69	1141	1463
69	1144	1466
69	1144	1466
69	1122	1444
69	1096	1418
69	1077	1399
69	1094	1416
69	1159	1481
69	1169	1491
69	1176	1498
69	1177	1499
69	1177	1499
69	1183	1505
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69	1251	1573
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69	1355	1677
70	1371	1693
70	1386	1708
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70	1524	1846
70	1562	1884
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70	1632	1954
70	1633	1955
70	1643	1965
70	1656	1978
70	1658	1980
69	1665	1987
70	1633	1955
69	1633	1955
69	1615	1937
69	1606	1928

69	1606	1928
69	1602	1924
69	1623	1945
69	1651	1973
69	1652	1974
69	1611	1933
69	1592	1914
70	1515	1837
70	1523	1845