GP023041034
TEST NBR 00081
LMG6 GPS
EDWARDS AFB, CA
0900Z 31 OCT 14

ALT GEOMFT	DIR DEG	SPD KTS	SHR /SEC	TEMP DEG C	DPT DEG C	PRESS MBS	RH PCT	ABHUM G/M3	DENSITY G/M3	I/R N	V/S KTS	VPS MBS	PW MM
2372	180	7.0	.000	13.0	0.7	932.60	43	4.88	1132.40	282	660	6.44	0
2500	256	11.4	.156	16.8	4.2	928.41	43	6.15	1111.71	285	665	8.23	0
3000	256	22.5	.037	18.4	5.7	911.98	43	6.81	1085.71	283	667	9.17	1
3500	237	25.7	.030	17.4	4.2	895.91	42	6.17	1070.43	276	666	8.27	2
4000	225	22.5	.020	16.6	1.5	880.01	36	5.09	1054.94	266	665	6.80	3
4500	216	22.2	.012	16.1	-4.4	864.38	24	3.29	1039.05	251	664	4.39	4
5000	204	13.0	.033	16.0	-6.9	849.04	20	2.73	1021.09	244	663	3.65	4
5500	193	11.6	.010	14.8	-4.5	833.90	26	3.29	1006.86	244	662	4.38	5
6000	179	11.1	.009	13.8	-5.8	819.01	25	2.99	992.34	239	661	3.96	5
6500	185	16.1	.018	12.6	-10.4	804.23	19	2.11	979.11	231	659	2.78	5
7000	194	19.0	.014	11.8	-13.9	789.76	15	1.58	964.51	225	658	2.08	6
7500	193	24.8	.020	10.6	-14.9	775.49	15	1.46	951.20	221	657	1.92	6
8000	204	29.9	.025	9.5	-16.6	761.40	14	1.27	937.66	217	656	1.66	6
8500	209	29.1	.009	8.6	-16.1	747.53	16	1.34	923.46	214	655	1.74	6
9000	214	28.8	.008	8.1	-24.4	733.87	8	0.65	908.60	206	654	0.84	7
9500	222	25.7	.017	7.6	-29.6	720.39	5	0.40	893.65	202	653	0.52	7
10000	218	22.9	.011	6.6	-35.5	707.18	3	0.23	880.50	198	652	0.29	7
10500	217	26.8	.013	6.4	-35.7	694.19	3	0.22	865.00	194	652	0.29	7
11000	212	27.7	.009	6.1	-27.1	681.37	7	0.51	849.71	192	652	0.66	7
11500	217	25.1	.012	5.4	-33.5	668.80	4	0.28	836.26	188	651	0.36	7
12000	216	27.3	.008	4.7	-13.6	656.46	25	1.67	822.08	194	650	2.14	7

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 12500 229  30.0 .024   3.5 -15.1  644.30  24  1.48  810.42 190 649  1.88
7
 13000 225  27.4 .011   2.0  -9.8  632.28  41  2.28  799.14 193 647  2.89
8
 13500 222  30.0 .010   0.7 -11.0  620.40  41  2.09  787.94 189 646  2.64
8
 14000 225  28.5 .007  -0.8 -11.5  608.79  44  2.02  777.48 186 644  2.54
8
 14500 225  27.4 .004  -2.2 -12.0  597.25  47  1.95  766.71 183 642  2.44
8
 15000 225  25.2 .007  -3.6 -13.2  585.89  47  1.77  756.13 180 640  2.20
9
 16000 217  21.3 .009  -6.4 -14.1  563.69  54  1.66  735.15 175 637  2.04
9
 17000 202  18.2 .010  -9.2 -16.1  542.06  57  1.42  714.57 169 634  1.73
10
 18000 214  29.6 .021 -11.3 -24.3  521.09  33  0.70  692.84 159 631  0.85
10
 19000 226  29.2 .010 -11.7 -40.5  500.82   7  0.14  667.23 150 630  0.17
10
 20000 222  32.9 .007 -13.1 -40.3  481.24   8  0.15  644.66 145 629  0.18
10
 21000 224  29.3 .006 -15.0 -44.4  462.33   6  0.10  623.84 140 626  0.11
10
 22000 236  29.2 .010 -17.2 -32.5  444.08  25  0.34  604.22 137 624  0.40
10
 23000 255  24.8 .017 -18.6 -32.9  426.39  27  0.32  583.35 132 622  0.38
10
 24000 257  26.7 .004 -20.4 -40.2  409.31  15  0.15  564.05 127 620  0.18
11
 25000 260  27.6 .003 -23.2 -43.8  392.70  13  0.11  547.21 123 616  0.12
11
 26000 257  33.3 .010 -25.4 -40.0  376.68  24  0.16  529.56 119 614  0.19
11
 27000 257  34.0 .001 -27.9 -40.3  361.14  29  0.16  512.93 115 610  0.18
11
 28000 253  38.8 .009 -29.8 -43.8  346.17  24  0.11  495.58 111 608  0.12
11
 29000 253  38.4 .001 -32.6 -44.9  331.63  28  0.10  480.25 108 605  0.11
11
 30000 249  41.7 .007 -35.5 -48.1  317.55  26  0.07  465.45 104 601  0.08
11
 31000 250  43.6 .004 -38.1 -51.0  303.86  24  0.05  450.31 101 598  0.05
11
 32000 249  40.9 .005 -40.4 -54.5  290.70  20  0.03  434.99  97 595  0.04
11
 33000 247  40.3 .003 -42.5 -58.6  278.01  15  0.02  419.89  94 592  0.02
11
 34000 243  40.1 .005 -45.0 -59.8  265.70  17  0.02  405.68  90 589  0.02
11
 35000 247  43.3 .007 -47.4 -61.5  253.85  18  0.01  391.72  87 586  0.01
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 36000 248  47.9 .008 -49.0 -63.6  242.42  16  0.01  376.76  84 584  0.01
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 38000 245  42.5 .004 -53.9 -67.4  220.79  17  0.01  350.81  78 577  0.01
11
 39000 230  42.7 .018 -55.6 -68.8  210.54  17  0.01  337.13  75 575  0.01
11
 40000 235  50.1 .014 -57.1 -71.0  200.67  15  0.00  323.57  72 573  0.00
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 41000 244  51.4 .014 -59.0 -72.2  191.30  16  0.00  311.20  69 570  0.00
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 42000 234  50.8 .015 -59.5 -73.1  182.19  15  0.00  297.05  66 570  0.00
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 43000 235  50.7 .002 -60.1 -75.5  173.59  11  0.00  283.85  63 569  0.00
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 44000 242  53.8 .012 -62.0 -77.7  165.28  10  0.00  272.68  61 566  0.00
11
 45000 246  55.5 .007 -63.5 -79.0  157.41  10  0.00  261.56  58 564  0.00
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 46000 246  52.2 .006 -63.8 -79.9  149.80   9  0.00  249.27  56 564  0.00
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 47000 243  48.6 .007 -66.3 -81.3  142.53  10  0.00  240.00  53 561  0.00
11
 48000 231  45.7 .018 -66.3 -81.3  135.58  10  0.00  228.34  51 561  0.00
11
 49000 236  48.9 .009 -67.7 -82.5  128.89  10  0.00  218.55  49 559  0.00
11
 50000 238  47.1 .004 -67.5 -82.3  122.61  10  0.00  207.69  46 559  0.00
11
 51000 237  46.1 .002 -67.7 -83.1  116.55   9  0.00  197.63  44 559  0.00
11
 52000 239  49.1 .006 -67.6 -83.0  110.80   9  0.00  187.78  42 559  0.00
11
 53000 255  35.0 .031 -65.3 -81.8  105.46   8  0.00  176.75  39 562  0.00
11
 54000 229  29.4 .026 -67.0 -83.1  100.28   8  0.00  169.43  38 560  0.00
11
 55000 210  28.1 .016 -68.5 -84.4   95.38   8  0.00  162.36  36 558  0.00
11
 56000 202  32.6 .010 -69.8 -85.5   90.70   8  0.00  155.38  35 556  0.00
11
 57000 227  34.8 .025 -70.3 -85.2   86.14   9  0.00  147.94  33 555  0.00
11
 58000 220  35.7 .007 -69.6 -85.3   81.88   8  0.00  140.14  31 556  0.00
11
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11
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 74000 256   8.6 .005 -63.3 -88.1   37.01   2  0.00   61.44  14 565  0.00
11
 75000 285  18.7 .020 -59.2 -85.1   35.23   2  0.00   57.37  13 570  0.00
11
 76000 318  18.8 .018 -59.6 -85.4   33.57   2  0.00   54.77  12 570  0.00
11
 77000 300  11.0 .015 -59.6 -85.4   31.99   2  0.00   52.18  12 570  0.00
11
 78000 238   7.6 .017 -59.1 -85.0   30.48   2  0.00   49.60  11 570  0.00
11
 79000 261  21.3 .025 -58.8 -84.8   29.04   2  0.00   47.19  11 571  0.00
11
 80000 292  25.9 .023 -59.5 -85.3   27.67   2  0.00   45.11  10 570  0.00
11
 81000 308  23.8 .012 -58.8 -84.8   26.37   2  0.00   42.86  10 571  0.00
11
 82000 324  18.6 .013 -58.9 -84.9   25.11   2  0.00   40.84   9 571  0.00
11
 83000 309  27.3 .018 -58.8 -84.8   23.95   2  0.00   38.92   9 571  0.00
11
 84000 303  26.8 .004 -58.8 -84.8   22.82   2  0.00   37.10   8 571  0.00
11
 85000 298  24.5 .006 -59.1 -85.0   21.73   2  0.00   35.37   8 570  0.00
11
 86000 297  29.2 .008 -58.2 -84.4   20.72   2  0.00   33.58   7 572  0.00
11
 87000 299  31.3 .004 -56.2 -82.9   19.74   2  0.00   31.70   7 574  0.00
11
 88000 291  31.1 .008 -56.3 -83.0   18.82   2  0.00   30.23   7 574  0.00
11
 89000 310  23.8 .020 -55.6 -82.5   17.94   2  0.00   28.73   6 575  0.00
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 90000 287  20.2 .016 -54.7 -81.8   17.12   2  0.00   27.30   6 576  0.00
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 91000 287  19.4 .002 -55.4 -82.3   16.32   2  0.00   26.12   6 575  0.00
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 92000 267  19.8 .011 -55.2 -82.1   15.57   2  0.00   24.88   6 576  0.00
11
 93000 290  23.9 .016 -54.4 -81.6   14.84   2  0.00   23.64   5 577  0.00
11
 94000 271  30.6 .019 -53.0 -80.6   14.16   2  0.00   22.41   5 578  0.00
11
 95000 275  34.3 .007 -52.4 -80.2   13.51   2  0.00   21.32   5 579  0.00
11
 96000 278  30.7 .006 -50.9 -79.1   12.89   2  0.00   20.20   5 581  0.00
11
 97000 287  28.7 .009 -51.3 -79.3   12.30   2  0.00   19.32   4 581  0.00
11
TERMINATION       97535 GEOPFT  29729 GEOPM   11.7 MBS
TROPOPAUSE   48912  FEET   129.50 MB  -67.7 C  -82.5 C

MANDATORY LEVELS
GEOPFT DIR KTS  TEMP   DPT PRESS   RH

  2598 262  15  17.2   4.2  925.0  42
  4964 206  14  16.1  -6.8  850.0  20
 10259 220  23   6.6 -39.5  700.0   2
 19003 224  29 -11.7 -40.5  500.0   7
 24503 262  27 -22.0 -42.1  400.0  14
 31217 250  43 -38.8 -52.0  300.0  23
 35239 248  48 -47.7 -62.1  250.0  17
 39959 236  52 -57.2 -71.1  200.0  15
 45826 246  52 -63.8 -79.9  150.0   9
 53864 229  29 -67.1 -83.3  100.0   8
 60872 225  22 -67.4 -84.3   70.0   7
 67588 218  13 -63.7 -84.5   50.0   4
 77971 267  11 -58.9 -84.9   30.0   2
 86298 304  29 -56.5 -83.1   20.0   2
SIGNIFICANT LEVELS
GEOMFT DIR KTS  TEMP   DPT PRESS   IR  RH

  2372 180  07  13.0   0.7  932.6 282  43
  2384 246  05  14.4   2.3  932.3 284  44
  2423 248  07  15.7   3.5  930.9 285  44
  2452 251  09  16.6   4.3  930.0 286  44
  2675 262  17  17.2   4.2  922.6 283  42
  2789 255  20  18.6   5.8  918.8 285  43
  2830 254  21  18.7   5.9  917.5 285  43
  3142 252  24  18.0   5.9  907.4 283  45
  3673 233  25  17.0   3.7  890.4 273  41
  4496 216  22  16.1  -4.4  864.5 252  24
  4588 215  21  15.9  -4.6  861.7 251  24
  4888 207  16  16.2  -6.8  852.5 245  20
  4960 206  14  16.1  -6.8  850.3 244  20
  5397 185  11  15.1  -4.2  837.0 245  26
  6709 190  22  12.4 -12.7  798.2 227  16
  7979 203  29   9.5 -16.6  762.0 217  14
  8402 209  28   8.7 -15.0  750.2 216  17
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8477	209	29	8.6	-14.3	748.1	215	18
8559	210	28	8.7	-22.4	745.9	210	9
9959	218	22	6.6	-35.5	708.3	198	3
10056	218	23	6.7	-39.4	705.7	197	2
10888	213	27	6.3	-27.0	684.2	193	7
11337	217	24	5.6	-33.3	672.9	189	4
11543	218	25	5.3	-33.5	667.7	188	4
11665	221	27	5.4	-31.2	664.7	187	5
11741	222	28	5.4	-19.1	662.8	191	15
11779	221	27	5.3	-14.7	661.9	194	22
12635	230	29	3.2	-15.4	641.0	189	24
12855	228	25	2.5	-10.0	635.7	193	39
13759	216	27	-0.1	-11.1	614.4	188	43
16598	205	20	-8.2	-14.8	550.7	172	59
16674	204	19	-8.4	-14.7	549.0	171	60
16798	209	17	-8.7	-14.8	546.4	171	61
16877	208	16	-8.9	-15.2	544.7	170	60
17348	212	24	-9.9	-20.1	534.7	164	43
17883	214	28	-11.2	-23.0	523.5	160	37
18232	214	28	-11.4	-28.3	516.3	156	23
18653	223	25	-11.5	-36.9	507.7	152	10
18892	227	28	-11.5	-40.4	503.0	150	7
19466	226	31	-12.3	-44.1	491.6	147	5
20426	226	30	-14.0	-37.1	473.1	143	12
20835	223	30	-14.6	-42.7	465.4	140	7
20926	223	30	-14.8	-44.3	463.7	140	6
21101	226	28	-15.2	-44.6	460.5	139	6
21303	224	29	-15.8	-32.1	456.7	140	23
21543	226	27	-16.5	-29.3	452.3	140	32
21554	226	27	-16.5	-28.9	452.1	140	33
21736	234	29	-16.7	-32.0	448.8	138	25
23134	253	23	-19.0	-33.2	424.0	132	27
23604	259	24	-19.3	-37.0	416.0	129	19
23756	255	27	-19.7	-39.6	413.4	128	15
25101	261	29	-23.5	-44.8	391.1	122	12
25716	256	31	-24.8	-39.8	381.2	120	23
27246	258	35	-28.5	-40.0	357.4	115	32
27540	254	35	-28.7	-41.4	353.0	113	28
28170	252	39	-30.3	-44.6	343.6	110	23
28955	253	38	-32.5	-44.4	332.3	108	29
29622	249	42	-34.4	-47.1	322.8	105	26
30550	249	43	-37.0	-49.0	310.0	102	27
37674	247	45	-53.2	-67.2	224.2	79	16
41135	246	50	-59.4	-72.5	190.0	69	16
42369	231	48	-58.7	-73.8	179.0	65	12
47037	243	49	-66.4	-81.4	142.3	53	10
48912	235	48	-67.7	-82.5	129.5	49	10
51546	230	47	-68.0	-83.3	113.4	43	9
52933	256	35	-65.2	-81.7	105.8	39	8
55979	201	32	-69.8	-85.5	90.8	35	8
56848	224	36	-70.5	-85.4	86.8	33	9
58630	240	36	-69.2	-85.0	79.3	30	8
59284	265	19	-66.6	-83.6	76.7	29	7
65683	242	07	-66.4	-85.4	55.7	21	5

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 69003 271  10 -60.6 -83.8   47.3  17   3
 74232 254  04 -63.7 -88.4   36.6  14   2
 74905 278  17 -59.3 -85.2   35.4  13   2
 84384 304  23 -59.3 -85.2   22.4   8   2
 88491 297  30 -55.1 -82.1   18.4   7   2
 90645 275  19 -56.0 -82.7   16.6   6   2
 95833 271  33 -50.8 -79.0   13.0   5   2
 98079 287  24 -52.8 -80.4   11.7   4   2
TERMINATION
999 999
NNNN
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