GP023041306
TEST NBR 00082
LMG6 GPS
EDWARDS AFB, CA
1153Z 31 OCT 14

ALT	DIR	SPD	SHR	TEMP	DPT	PRESS	RH	ABHUM	DENSITY	I/R	V/S	VPS	PW
GEOMFT	DEG	KTS	/SEC	DEG C	DEG C	MBS	PCT	G/M3	G/M3	N	KTS	MBS	MM
2372	110	4.1	.000	14.0	4.0	932.00	51	6.15	1126.94	289	662	8.16	0
2500	205	3.8	.076	14.9	5.7	927.74	54	6.89	1117.82	291	663	9.15	0
3000	255	17.5	.052	14.4	5.0	911.18	53	6.55	1099.91	285	662	8.70	1
3500	255	21.9	.015	16.1	5.4	895.02	49	6.73	1073.97	280	664	8.98	2
4000	251	23.4	.008	15.3	2.1	879.11	41	5.36	1058.46	268	663	7.13	3
4500	237	20.3	.021	14.3	3.5	863.41	48	5.90	1042.79	268	662	7.83	4
5000	217	17.2	.024	14.3	-1.8	848.00	33	4.05	1025.32	253	662	5.37	5
5500	200	17.5	.017	13.9	-5.8	832.79	25	3.00	1008.86	243	661	3.97	5
6000	203	20.5	.011	13.0	-7.6	817.85	23	2.61	993.98	237	660	3.45	6
6500	194	20.9	.011	12.3	-10.0	803.14	20	2.17	978.95	231	659	2.86	6
7000	203	21.8	.012	11.8	-16.1	788.62	13	1.32	963.16	223	658	1.74	6
7500	219	20.3	.020	11.2	-23.3	774.42	7	0.71	948.19	216	658	0.93	7
8000	218	19.1	.004	10.6	-23.7	760.35	7	0.68	933.02	212	657	0.90	7
8500	214	20.3	.006	10.3	-33.0	746.55	3	0.29	917.36	206	656	0.38	7
9000	223	21.5	.012	9.8	-26.5	732.93	6	0.53	901.98	204	656	0.70	7
9500	230	19.0	.012	8.5	-25.3	719.63	7	0.60	889.73	202	654	0.78	7
10000	240	15.7	.015	7.1	-24.9	706.45	8	0.62	877.75	199	653	0.81	7
10500	246	10.9	.017	6.0	-22.2	693.39	11	0.80	864.83	198	651	1.03	7
11000	236	15.3	.017	5.2	-18.5	680.64	16	1.10	851.15	197	651	1.42	7
11500	224	21.7	.025	4.1	-15.1	668.03	23	1.47	838.49	196	649	1.88	7
12000	226	23.3	.006	3.0	-12.9	655.60	30	1.78	826.02	195	648	2.27	8

 12500 220 21.9 .009   1.6 -12.9 643.39 33 1.79 814.69 193 647 2.26
8
 13000 222 22.6 .004   0.6 -15.9 631.31 28 1.40 802.40 188 645 1.77
8
 13500 223 27.3 .016 -0.4 -11.4 619.48 43 2.03 789.99 189 644 2.55
8
 14000 224 33.0 .019 -1.2 -15.2 607.77 34 1.50 777.64 183 643 1.88
9
 14500 223 30.3 .009 -2.6 -10.0 596.29 57 2.30 766.39 186 642 2.87
9
 15000 215 30.2 .014 -4.1 -10.5 584.90 61 2.22 755.98 183 640 2.75
9
 16000 216 30.5 .001 -6.8 -12.7 562.67 63 1.88 734.88 176 637 2.31
10
 17000 213 30.8 .002 -8.9 -17.2 541.14 51 1.30 712.56 167 634 1.59
11
 18000 225 27.8 .012 -8.9 -26.2 520.28 23 0.59 685.54 157 634 0.72
11
 19000 226 30.9 .005 -10.8 -26.5 500.13 26 0.58 663.76 152 632 0.70
11
 20000 223 29.3 .004 -12.3 -25.9 480.71 31 0.61 641.61 147 630 0.74
11
 21000 231 33.1 .010 -13.6 -34.6 461.89 15 0.27 619.79 140 628 0.32
11
 22000 232 36.4 .006 -16.4 -34.0 443.70 20 0.29 601.85 136 625 0.34
11
 23000 243 36.1 .012 -19.3 -34.3 426.04 25 0.28 584.50 132 621 0.33
11
 24000 243 37.2 .002 -22.0 -34.8 408.92 30 0.27 567.03 128 618 0.31
12
 25000 231 34.3 .014 -24.5 -35.0 392.23 37 0.27 549.41 124 615 0.31
12
 26000 229 39.5 .009 -26.4 -40.1 376.15 26 0.16 530.96 119 612 0.18
12
 27000 230 43.0 .006 -28.6 -42.0 360.58 26 0.13 513.58 115 610 0.15
12
 28000 229 45.0 .004 -31.1 -43.8 345.58 27 0.11 497.31 112 607 0.12
12
 29000 232 46.9 .005 -33.4 -47.3 330.98 23 0.08 480.88 108 604 0.08
12
 30000 234 51.5 .008 -35.6 -50.0 316.95 21 0.06 464.82 104 601 0.06
12
 31000 236 53.5 .005 -38.3 -50.9 303.31 25 0.05 449.89 101 597 0.06
12
 32000 233 53.1 .005 -41.1 -50.5 290.12 35 0.05 435.46 97 594 0.06
12
 33000 232 54.5 .003 -43.5 -51.5 277.37 40 0.05 420.72 94 591 0.05
12
 34000 238 52.4 .010 -45.9 -57.5 265.08 25 0.02 406.27 91 588 0.02
12
 35000 237 60.0 .013 -48.3 -58.8 253.15 28 0.02 392.18 88 585 0.02
12
 36000 232 57.2 .010 -49.5 -61.4 241.73 23 0.01 376.52 84 583 0.01
12

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 37000 234  55.2 .005 -51.8 -65.4  230.75  17  0.01  363.11  81 580  0.01
12
 38000 230  52.2 .008 -54.5 -64.8  220.12  26  0.01  350.76  78 576  0.01
12
 39000 227  53.4 .006 -56.9 -63.7  209.84  41  0.01  337.98  75 573  0.01
12
 40000 231  58.1 .010 -58.5 -63.3  199.98  53  0.01  324.47  72 571  0.01
12
 41000 232  60.6 .005 -59.9 -69.7  190.55  26  0.00  311.28  69 569  0.00
12
 42000 230  64.6 .008 -59.1 -71.5  181.49  18  0.00  295.37  66 570  0.00
12
 43000 233  60.1 .010 -59.1 -73.3  172.92  14  0.00  281.37  63 570  0.00
12
 44000 238  62.5 .010 -60.1 -76.1  164.69  10  0.00  269.30  60 569  0.00
12
 45000 236  57.5 .009 -62.1 -77.2  156.92  11  0.00  258.96  58 566  0.00
12
 46000 234  55.1 .006 -63.7 -77.5  149.33  13  0.00  248.36  55 564  0.00
12
 47000 235  53.0 .004 -65.1 -80.3  142.13  10  0.00  237.98  53 562  0.00
12
 48000 233  52.2 .003 -66.8 -80.4  135.20  12  0.00  228.23  51 560  0.00
12
 49000 234  52.5 .001 -67.9 -80.4  128.56  15  0.00  218.20  49 558  0.00
12
 50000 240  49.2 .010 -67.0 -80.2  122.27  13  0.00  206.62  46 560  0.00
12
 51000 239  49.9 .001 -66.6 -80.3  116.29  12  0.00  196.13  44 560  0.00
12
 52000 239  50.7 .001 -66.2 -80.5  110.61  11  0.00  186.17  41 561  0.00
12
 53000 239  47.1 .006 -66.5 -80.6  105.14  11  0.00  177.23  39 560  0.00
12
 54000 236  44.3 .007 -67.0 -81.5   99.99  11  0.00  169.01  38 560  0.00
12
 55000 231  41.7 .007 -67.6 -82.4   95.10  10  0.00  161.17  36 559  0.00
12
TERMINATION       67775 GEOPFT  20658 GEOPM   49.8 MBS
TROPOPAUSE   48845  FEET   129.60 MB  -68.2 C  -80.9 C

MANDATORY LEVELS
GEOPFT DIR KTS  TEMP   DPT PRESS   RH

  2581 211  05  14.9   5.4  925.0  53
  4928 218  18  14.4  -1.4  850.0  34
 10232 232  14   6.6 -22.8  700.0  10
 18973 226  30 -10.8 -26.5  500.0  26
 24480 233  34 -23.4 -35.4  400.0  32
 31171 236  51 -39.0 -50.8  300.0  27
 35183 238  59 -48.7 -58.9  250.0  29
 39886 231  58 -58.5 -63.3  200.0  53
 45770 234  56 -63.6 -77.4  150.0  13
 53812 236  44 -67.0 -81.5  100.0  11
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60906	228	29	-65.2	-83.4	70.0	6	
67694	228	26	-61.4	-84.4	50.0	3	

SIGNIFICANT LEVELS

GEOMFT	DIR	KTS	TEMP	DPT	PRESS	IR	RH
2372	110	04	14.0	4.0	932.0	289	51
2461	204	03	14.8	5.6	929.1	291	54
2902	250	13	14.6	5.1	914.5	286	53
2985	254	17	14.4	5.0	911.7	285	53
3092	255	19	14.5	5.0	908.2	284	53
3308	254	22	15.9	5.2	901.2	281	49
3530	255	21	16.2	5.2	894.0	279	48
3577	255	21	16.2	4.9	892.5	278	47
3995	251	23	15.3	2.1	879.3	269	41
4197	245	22	14.9	4.0	872.9	272	48
4455	236	20	14.3	3.7	864.8	270	49
4541	237	20	14.3	3.5	862.1	268	48
4734	230	19	13.9	2.5	856.2	265	46
4888	220	18	14.4	-0.8	851.4	256	35
5606	205	19	14.0	-6.8	829.6	241	23
6215	194	19	12.5	-8.6	811.5	235	22
6255	194	19	12.4	-8.1	810.3	235	23
7111	207	22	12.0	-17.5	785.5	221	11
7491	218	20	11.3	-23.2	774.7	216	7
7741	215	18	10.7	-23.7	767.6	214	7
8376	213	19	10.4	-32.9	749.9	207	3
8906	217	21	10.1	-27.8	735.5	204	5
9854	234	17	7.5	-26.1	710.3	200	7
10002	240	15	7.1	-24.9	706.4	199	8
11333	220	19	4.4	-19.2	672.2	194	16
11439	220	20	4.3	-15.0	669.6	197	23
12282	221	23	2.2	-12.8	648.7	194	32
12590	223	21	1.4	-13.1	641.2	192	33
12744	224	21	1.1	-13.3	637.5	191	33
13028	222	22	0.7	-17.0	630.6	187	25
13369	225	27	-0.1	-12.4	622.6	189	39
13446	224	27	-0.3	-11.3	620.7	189	43
13763	224	25	-0.9	-11.3	613.3	188	45
13882	225	28	-1.0	-14.8	610.5	184	34
13973	225	32	-1.1	-15.3	608.4	183	33
14042	223	33	-1.3	-15.1	606.8	183	34
14267	224	31	-1.9	-10.9	601.6	186	50
15359	220	32	-5.1	-10.3	576.8	182	67
15587	217	31	-5.8	-10.7	571.8	180	68
16165	213	30	-7.3	-13.3	559.1	175	62
16552	221	30	-8.1	-14.3	550.7	172	61
16865	215	30	-8.7	-15.9	544.0	169	56
17002	213	30	-8.9	-17.2	541.1	167	51
17065	213	30	-8.9	-17.6	539.7	167	49
17200	217	29	-8.4	-22.1	536.9	163	32
17392	221	27	-8.1	-27.0	532.8	160	20
17448	222	27	-8.1	-28.8	531.7	159	17
17912	226	29	-8.9	-25.7	522.1	157	24
18741	215	31	-10.5	-28.0	505.3	153	22

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 18879 221  31 -10.8 -26.1  502.6 153  27
 19298 224  27 -11.4 -25.8  494.3 151  29
 19805 223  30 -12.0 -25.3  484.4 148  32
 20042 223  28 -12.4 -25.6  479.9 147  32
 20265 226  31 -12.4 -30.1  475.7 144  21
 20646 232  33 -13.0 -31.2  468.5 142  20
 20737 230  35 -13.0 -34.1  466.8 141  15
 20804 229  35 -13.2 -36.5  465.6 140  12
 21320 232  33 -14.4 -32.3  456.0 139  20
 23030 242  36 -19.4 -34.4  425.5 132  25
 25230 232  34 -25.2 -35.3  388.5 123  38
 25350 230  36 -25.4 -35.2  386.6 123  39
 25968 229  39 -26.3 -40.0  376.7 120  26
 26944 230  43 -28.4 -41.5  361.5 116  27
 27643 230  43 -30.1 -44.0  350.9 113  24
 28207 228  45 -31.7 -43.4  342.5 111  30
 28402 229  47 -32.2 -44.2  339.6 110  29
 28847 232  47 -33.1 -47.4  333.2 108  22
 29369 235  49 -34.1 -48.7  325.7 106  21
 29722 234  51 -35.0 -49.9  320.8 105  20
 31583 234  50 -40.0 -50.3  295.6  99  32
 34358 239  53 -46.9 -58.4  260.8  90  25
 39434 226  53 -57.8 -63.4  205.5  74  48
 43066 234  60 -58.9 -73.5  172.4  62  13
 45814 233  55 -63.3 -77.2  150.7  56  13
 48845 232  53 -68.2 -80.9  129.6  49  14
 68054 228  25 -61.4 -84.4   49.8  18   3
TERMINATION
999 999
NNNN
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