NGS FORM-292

AERONAUTICAL DATA SHEET
NATIONAL GEODETIC SURVEY

DATE GENERATED: 07/17/2006

PROJECT NUMBER: 5310
ARPT IDENTIFIER: CRQ — SITE NUMBER: 01376.1A
ARPT NAME: MC CLELLAN-PALOMAR AIRPORT — SURVEY DATE: 01/22/2006
CITY: CARLSBAD — HORIZONTAL DATUM: NAD83
STATE: CALIFORNIA — VERTICAL DATUM: NAVD88
ARPT ELEVATION: 330.6 — DISTANCE FROM RWY END: 6+297 — ATCT FLOOR ELEV: 370.0
AIRPORT REFERENCE POINT — LATITUDE: 330741.7 — LONGITUDE: -1171648.3 — DECLINATION: 12.7E

RUNWAY INFORMATION

RUNWAY: 6/24 LENGTH: 4897 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA — DISPLACED THRESHOLD DATA

RWY	GEODETIC LATITUDE	GEODETIC LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
6	330737.1530	-1171716.5228	330.1	790821	330.6	297	330737.7062	-1171713.0961	330.6
24	330746.2785	-1171619.9718	326.0	2590852	326.2				

PROFILE DATA

DISTANCES FROM APPROACH END 6

DISTANCE	ELEV
0	330.1
297	330.6
322	330.6
1080	329.4
2110	318.1
2441	316.3
3254	316.3
4327	325.3
4897	326.0

DISTANCES FROM APPROACH END 24

DISTANCE	ELEV
0	326.0
570	325.3
1643	316.3
2456	316.3
2787	318.1
3817	329.4
4575	330.6
4600	330.6
4897	330.1

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NAVIGATIONAL AID INFORMATION

ELECTRONIC		LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
GS	(24)	330748.1124	-1171633.1144	315.2		
GS	(24) PP	330744.2986	-1171632.2453	321.1	393R	1063
LOC	(24) (OTS)	330736.5675	-1171720.1180	320.2		311
MM	(24)	330751.5564	-1171547.2659			2832
OM	(24)	330845.1413	-1171028.3385			30488
VORTAC	(OCN)	331426.3094	-1172503.7624	53.0		

VISUAL		LATITUDE	LONGITUDE
ALS	(24)		
APBN		330730.9811	-1171654.6762
PAPI	(6)		
PAPI	(24)		
REIL	(24)		

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OBSTRUCTION INFORMATION

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6 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	330751.20	-1171620.54	1A	326	-4	-5	-5	-4943	-4646	498L	0
TREE	330750.92	-1171622.69	1A	348	18	17	17	-4758	-4462	*504L	22
TREE	330750.72	-1171624.61	1A	355	25	24	24	-4595	-4298	*515L	29
TREE	330749.52	-1171631.43	1A	349	19	18	18	-4002	-3705	*506L	26
OL GS	330748.11	-1171633.11	1A	366	36	35	35	-3834	-3538	393L	45
ELEC EQUIP	330742.12	-1171631.97	1A	325	-5	-6	-6	-3816	-3519	220R	4
TREE	330748.38	-1171638.90	1A	353	23	22	22	-3356	-3059	*512L	36
TREE	330747.91	-1171640.54	1A	344	14	13	13	-3210	-2913	492L	28
BLDG	330747.49	-1171646.74	1A	328	-2	-3	-3	-2684	-2387	*549L	12
TREE	330745.72	-1171655.35	1A	356	26	25	25	-1931	-1635	*511L	36
TREE	330733.60	-1171706.69	1A	363	33	32	32	-754	-457	*510R	33
OL ON LT POLE	330743.42	-1171710.04	1A	357	27	26	26	-661	-364	*518L	27
GRD	330741.71	-1171711.64	1A	337	7	6	6	-495	-198	374L	7
TREE	330733.01	-1171710.52	1A	354	24	23	23	-422	-125	*508R	23
OL ON LT POLE	330743.13	-1171712.90	1A	357	27	26	26	-416	-120	*535L	27
FENCE	330742.45	-1171715.22	1A	340	10	9	9	-210	87	*505L	9
FENCE	330742.05	-1171717.33	1A	337	7	6	6	-26	271	499L	7
GRD	330739.91	-1171717.46	1A	339	9	8	8	26	323	289L	9
OL ON LOC (OTS)	330736.57	-1171720.12	1A	332	2	1	1	311	608	1R	-3

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24 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	330739.91	-1171717.46	1A	339	13	13	8	-4923		289R	9
FENCE	330742.05	-1171717.33	1A	337	11	11	6	-4872		499R	7
FENCE	330742.45	-1171715.22	1A	340	14	14	9	-4687		*505R	9
OL ON LT POLE	330743.13	-1171712.90	1A	357	31	31	26	-4481		*535R	27
TREE	330733.01	-1171710.52	1A	354	28	28	23	-4475		*508L	23

24 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	330741.71	-1171711.64	1A	337		11	11	6	-4402		374R	7
OL ON LT POLE	330743.42	-1171710.04	1A	357		31	31	26	-4236		*518R	27
TREE	330733.60	-1171706.69	1A	363		37	37	32	-4144		*510L	33
TREE	330745.72	-1171655.35	1A	356		30	30	25	-2966		*511R	36
BLDG	330747.49	-1171646.74	1A	328		2	2	-3	-2213		*549R	12
TREE	330747.91	-1171640.54	1A	344		18	18	13	-1687		492R	28
TREE	330748.38	-1171638.90	1A	353		27	27	22	-1541		*512R	36
ELEC EQUIP	330742.12	-1171631.97	1A	325		-1	-1	-6	-1081		220L	4
OL GS	330748.11	-1171633.11	1A	366		40	40	35	-1063		393R	45
TREE	330749.52	-1171631.43	1A	349		23	23	18	-895		*506R	26
TREE	330750.72	-1171624.61	1A	355		29	29	24	-303		*515R	29
TREE	330750.92	-1171622.69	1A	348		22	22	17	-139		*504R	22
FENCE	330751.20	-1171620.54	1A	326		0	0	-5	46		498R	0
TREE	330751.80	-1171618.50	1A	375		49	49	44	228		*525R	48
TREE	330751.84	-1171617.35	1A	347		21	21	16	325		511R	18
TREE	330741.69	-1171612.11	1A	338		12	12	7	569		*582L	5
TREE	330753.06	-1171609.53	1A	355		29	29	24	1001		506R	13
TREE	330754.37	-1171609.58	1A	368		42	42	37	1022		*637R	26
TREE	330754.18	-1171608.55	1A	360		34	34	29	1104		602R	16
MM	330751.56	-1171547.27	1A	367		41	41	36	2832		0R	-11
BLDG	330750.80	-1171538.22	1A	399		73	73	68	3573		219L	5
TREE	330802.35	-1171539.55	1A	424		98	98	93	3682		949R	28
OL ON BLDG	330756.08	-1171537.88	1A	418		92	92	87	3702		299R	22
LT POLE	330746.10	-1171533.94	1A	413		87	87	82	3841		755L	14
LT POLE	330743.07	-1171533.17	1A	407		81	81	76	3848		*1067L	8
OL ON FLGPL	330758.05	-1171536.57	1A	425		99	99	94	3849		474R	26
LT POLE	330749.36	-1171534.49	1A	416		90	90	85	3857		422L	17
TREE	330758.57	-1171534.50	1A	435		109	109	104	4031		492R	32
LT POLE	330749.74	-1171530.20	1A	431		105	105	100	4223		453L	25
BLDG	330752.40	-1171528.20	1A	429		103	103	98	4441		221L	18
LT POLE	330750.95	-1171527.13	1A	444		118	118	113	4503		383L	32
LT POLE	330749.56	-1171524.38	1A	457		131	131	126	4706		564L	41
BLDG	330755.73	-1171525.26	1A	438		112	112	107	4749		63R	21
FLGPL	330805.19	-1171526.24	1A	420		94	94	89	4848		1017R	1
LT POLE	330744.04	-1171521.28	1A	439		113	113	108	4860		1161L	20
TREE	330750.24	-1171519.54	1A	476		150	150	145	5123		574L	51
TREE	330749.21	-1171514.87	1A	485		159	159	154	5494		751L	53

24 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LT POLE	330746.84	-1171510.50	1A	487		161	161	156	5813		1056L	48
LT POLE	330748.04	-1171510.42	1A	484		158	158	153	5843		938L	45
BLDG	330804.44	-1171507.19	1A	453		127	127	122	6424		638R	3
TREE	330747.81	-1171459.98	1A	484		158	158	153	6711		1128L	28
BLDG	330749.22	-1171458.23	1A	472		146	146	141	6883		1016L	13
TREE	330749.71	-1171447.25	1A	501		175	175	170	7810		1143L	23
LT POLE	330745.08	-1171444.17	1A	477		151	151	146	7979		1651L	-5
TREE	330747.53	-1171444.28	1A	488		162	162	157	8017		1407L	5
LT POLE	330747.91	-1171442.37	1A	487		161	161	156	8183		1400L	1
LT POLE	330746.50	-1171436.34	1A	497		171	171	166	8660		1637L	2
BLDG	330815.44	-1171421.59	1A	502		176	176	171	10442		1001R	-30
POLE	330827.18	-1171415.04	1A	559		233	233	228	11212		2062R	8
POLE	330812.63	-1171405.66	1A	572		246	246	241	11719		467R	8
TREE	330808.77	-1171250.82	1A	731		405	405	400	17897		1111L	12
TK	330810.09	-1171250.13	1A	706		380	380	375	17980		991L	-14
TREE	330810.85	-1171250.10	2C	731		405	405	400	17996		916L	10
GRD	330927.06	-1171020.71	1A	1202		876	876	871	31918		4268R	134
GRD	331027.53	-1170714.10	1A	1487		1161	1161	1156	48645		7304R	1

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
BLDG	330747.49	-1171646.74	1A	328		-3	2	600	5
LT ON BLDG	330735.69	-1171648.99	1A	360		29	17250	610	31
TREE	330745.72	-1171655.35	1A	356		25	29124	724	34
ANT ON HGR	330733.25	-1171651.35	1A	368		37	18411	893	7
LT POLE	330737.47	-1171637.41	1A	360		29	10205	1020	30
TREE	330748.38	-1171638.90	1A	353		22	3706	1047	34
ANT ON BLDG	330737.39	-1171636.44	1A	360		29	10038	1099	26
OL ON HGR	330732.00	-1171654.22	1A	357		26	19428	1103	-18
APBN	330730.98	-1171654.68	1A	358		27	19353	1212	-30
ANT ON OL ATCT	330737.38	-1171634.41	1A	399		68	9734	1259	59
OL ON BLDG	330745.33	-1171702.69	1A	341		10	27359	1278	1
TREE	330733.94	-1171700.25	1A	367		36	21938	1284	29
ANT ON BLDG	330737.80	-1171632.30	1A	366		35	9326	1416	26

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
TREE	330749.52	-1171631.43	1A	349		18	4826	1639	25
ANT ON BLDG	330744.20	-1171708.62	1A	361		30	26536	1746	21
TREE	330733.60	-1171706.69	1A	363		32	22940	1765	32
OL ON LT POLE	330743.42	-1171710.04	1A	357		26	26241	1857	24
BLDG	330751.03	-1171627.45	1A	335		4	4918	2008	-3
TREE	330733.01	-1171710.52	1A	354		23	23221	2084	22
OL ON LT POLE	330743.13	-1171712.90	1A	357		26	26114	2097	22
ANT ON BLDG	330751.88	-1171626.59	1A	351		20	4809	2114	2
TREE	330738.65	-1171622.63	1A	348		17	8520	2205	-8
TREE	330750.72	-1171624.61	1A	355		24	5257	2212	27
FENCE	330742.45	-1171715.22	1A	340		9	25911	2290	9
TREE	330750.92	-1171622.69	1A	348		17	5408	2369	22
LT POLE	330743.98	-1171718.11	1A	354		23	26229	2546	-5
TREE	330752.66	-1171618.96	1A	371		40	5322	2730	29
TREE	330751.80	-1171618.50	1A	375		44	5521	2733	45
TREE	330753.24	-1171615.34	1A	372		41	5442	3036	29
TREE	330741.69	-1171612.11	1A	338		7	7719	3078	1
TREE	330754.37	-1171609.58	1A	368		37	5602	3533	24
TRMSN TWR	330657.91	-1171713.86	1A	475		144	19327	4931	-5
TRMSN TWR	330643.60	-1171657.78	1A	478		147	17507	5927	-2
LT POLE	330743.07	-1171533.17	1A	407		76	7603	6391	5
TRMSN TWR	330625.77	-1171712.72	1A	481		150	18226	7951	1
LT POLE	330743.21	-1171509.70	1A	461		130	7615	8387	10
TRMSN TWR	330619.50	-1171704.05	1A	465		134	17627	8416	-15
TREE	330905.20	-1171600.91	2C	534		203	1249	9353	54
POLE	330901.25	-1171548.57	1A	526		195	1934	9511	46
LT POLE	330745.08	-1171444.17	1A	477		146	7526	10562	-4
TREE	330747.53	-1171444.28	1A	488		157	7405	10564	7
ROD ON OL ANT	330908.94	-1171536.89	1A	625		294	2151	10706	144
LT POLE	330747.91	-1171442.37	1A	487		156	7356	10728	6
CHY ON BLDG	330744.09	-1171441.44	1A	481		150	7600	10792	0
BUSH	330844.19	-1171502.25	1A	556		225	4217	11010	76
LT POLE	330746.50	-1171436.34	1A	497		166	7449	11233	17
CHY ON BLDG	330727.78	-1171436.05	1A	466		135	8425	11336	-15
OL ON TWR	330909.02	-1171521.48	1A	711		380	2712	11507	231
LT POLE	330744.54	-1171430.41	1A	502		171	7553	11730	21
FENCE	330922.64	-1171539.29	1A	508		177	1712	11770	15

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
GRD	330922.21	-1171538.35	1A	500	169	1738		11773	9
ANT ON OL TWR	330913.17	-1171522.41	1A	712	381	2536		11782	232
CHY ON BLDG	330724.12	-1171428.41	1A	477	146	8547		12029	-4
LT POLE	330743.29	-1171416.47	1A	499	168	7634		12914	3
BLDG	330815.44	-1171421.59	1A	502	171	6200		12934	7
POLE	330827.18	-1171415.04	1A	559	228	5751		13820	18
POLE	330812.63	-1171405.66	1A	572	241	6433		14180	15
GRD	330621.84	-1171408.57	1A	705	374	10800		15802	28
GRD	331031.75	-1170735.68	2C	1527	1196	5710		50031	4

ADDITIONAL INFORMATION:

AERONAUTICAL DATA IS AVAILABLE ON THE INTERNET AT HTTP://WWW.NGS.NOAA.GOV.

ADDITIONAL INFORMATION ON DATA STANDARDS CAN BE FOUND IN FAA NO. 405, "STANDARDS FOR AERONAUTICAL SURVEYS AND RELATED PRODUCTS".

AN ASTERISK "*" INDICATES THAT THIS OBJECT IS OUTSIDE, BUT WITHIN 50 FEET, OF THE OBSTRUCTION IDENTIFICATION SURFACE.