NGS FORM-292

AERONAUTICAL DATA SHEET
NATIONAL GEODETIC SURVEY

DATE GENERATED: 01/03/2006

PROJECT NUMBER: 87
ARPT IDENTIFIER: COS — SITE NUMBER: 02543.A
ARPT NAME: CITY OF COLORADO SPRINGS MUNICIPAL AIRPORT — SURVEY DATE: 04/20/2005
CITY: COLORADO SPRINGS — HORIZONTAL DATUM: NAD83
STATE: COLORADO — VERTICAL DATUM: NAVD88
ARPT ELEVATION: 6187.0 — DISTANCE FROM RWY END: 17L+0 — ATCT FLOOR ELEV: 6305.0
AIRPORT REFERENCE POINT — LATITUDE: 384820.9 — LONGITUDE: -1044202.8 — DECLINATION: 9.5E

RUNWAY INFORMATION

RUNWAY: 12/30 LENGTH: 8269 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
12	384923.3587	-1044255.2706	6173.1	1350453	6173.1				
30	384825.4937	-1044141.5351	6137.1	3150540	6156.3	355	384827.9813	-1044144.7040	6134.6

PROFILE DATA

DISTANCES FROM APPROACH END 12

DISTANCE	ELEV
0	6173.1
2121	6169.1
5575	6153.4
6147	6149.6
7643	6135.2
7913	6134.6
8269	6137.1

DISTANCES FROM APPROACH END 30

DISTANCE	ELEV
0	6137.1
355	6134.6
626	6135.2
2122	6149.6
2694	6153.4
6148	6169.1
8269	6173.1

RUNWAY: 17L/35R LENGTH: 13501 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA

RWY	GEODETIC LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE
17L	384857.9170	-1044108.6427	6187.0	1800435	6187.0
35R	384644.5079	-1044108.8697	6102.9	435	6117.8

DISPLACED THRESHOLD DATA

RWY	LENGTH	LATITUDE	LONGITUDE	ELEV
17L				
35R				

PROFILE DATA

DISTANCES FROM APPROACH END 35R

DISTANCE	ELEV
0	6102.9
4150	6124.2
9718	6168.0
13501	6187.0

DISTANCES FROM APPROACH END 17L

DISTANCE	ELEV
0	6187.0
3783	6168.0
9351	6124.2
13501	6102.9

RUNWAY: 17R/35L LENGTH: 11022 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA

RWY	GEODETIC LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE
17R	384926.6744	-1044257.2250	6176.5	1800324	6176.5
35L	384737.7643	-1044257.3628	6045.1	324	6074.8

DISPLACED THRESHOLD DATA

RWY	LENGTH	LATITUDE	LONGITUDE	ELEV
17R				
35L				

PROFILE DATA

DISTANCES FROM APPROACH END 35L

DISTANCE	ELEV
0	6045.1
1980	6061.0
8266	6145.8
11022	6176.5

DISTANCES FROM APPROACH END 17R

DISTANCE	ELEV
0	6176.5
2756	6145.8
9043	6061.0
11022	6045.1

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NAVIGATIONAL AID INFORMATION

ELECTRONIC		LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR	(COS)	384847.5369	-1044053.1231	6225.0		
DME	(17L)	384633.6607	-1044113.7693	6087.9		
GS	(17L)	384846.0549	-1044103.6118	6176.5		
GS	(17L) PP	384846.0602	-1044108.6629	6181.3	400L	1200
GS	(35L)	384750.1387	-1044252.3005	6052.3		
GS	(35L) PP	384750.1426	-1044257.3472	6054.7	400R	1253
LOC	(17L)	384633.5786	-1044108.8832	6065.4		1106
LOC	(35L)	384938.3378	-1044257.2119	6190.1		1180
LOM	(35L)	384139.5222	-1044258.8297			36254
MM	(35L)	384703.3316	-1044257.3662			3485
VORTAC	(BRK)	385640.2238	-1043800.4762	6933.5		

VISUAL		LATITUDE	LONGITUDE
ALS	(17L)		
ALS	(35L)		
APBN		384924.5418	-1044206.7990
PAPI	(12)		
PAPI	(17L)		
PAPI	(17R)		
PAPI	(30)		
PAPI	(35L)		
PAPI	(35R)		
REIL	(12)		
REIL	(17R)		
REIL	(30)		
REIL	(35R)		

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OBSTRUCTION INFORMATION

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12 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	384830.57	-1044152.51	1A	6144		-29	-29	-43	-7292		*253R	5
OL ON LTD WSK	384918.17	-1044244.05	1A	6177		4	4	-10	-999		*259L	6
FENCE	384932.46	-1044305.22	1A	6184		11	11	-3	1208		93L	-19
LT POLE	384930.31	-1044312.71	1A	6190		17	17	3	1473		*480R	-20
RD(N)	384937.06	-1044312.94	1A	6186		13	13	-1	1969		12R	-39
RD(N)	384941.26	-1044308.80	1A	6190		17	17	3	2039		521L	-37
LT POLE	384940.21	-1044313.44	1A	6211		38	38	24	2223		185L	-21
TREE	384944.10	-1044313.70	1A	6226		53	53	39	2517		449L	-15

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30 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	384918.17	-1044244.05	1A	6177		40	21	-10	-7270	-6915	*259R	6
OL ON LTD WSK	384830.57	-1044152.51	1A	6144		7	-12	-43	-977	-621	*253L	5
GRD	384825.67	-1044137.57	1A	6138		1	-18	-49	209	564	235R	1
GRD	384823.20	-1044132.24	1A	6152		15	-4	-35	684	1039	*357R	1
GRD	384817.91	-1044125.46	1A	6166		29	10	-21	1442	1797	360R	-7

17L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
SIGN	384646.77	-1044110.27	1A	6106		-81	-81	-81	-13273		111R	1
OL ON LTD WSK	384656.90	-1044112.82	1A	6111		-76	-76	-76	-12247		314R	1
GRD	384704.11	-1044103.58	1A	6116		-71	-71	-71	-11516		416L	3
GRD	384729.36	-1044103.60	1A	6128		-59	-59	-59	-8962		411L	1
GRD	384824.76	-1044103.61	1A	6174		-13	-13	-13	-3355		403L	4

17L PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	384846.05	-1044103.61	1A	6225		38	38	38	-1200		400L	44
GRD	384850.65	-1044102.35	1A	6186		-1	-1	-1	-735		500L	2
ELEC EQUIP	384907.69	-1044108.63	1A	6191		4	4	4	990		0R	-12
ANT ON BLDG	384907.72	-1044103.14	1A	6184		-3	-3	-3	993		435L	-19
GRD	384919.62	-1044118.63	1A	6203		16	16	16	2196		793R	-24
POST	384927.32	-1044108.44	1A	6218		31	31	31	2976		12L	-25
POLE	384943.76	-1044057.56	1A	6281		94	94	94	4640		871L	6
TWR	384952.63	-1044100.43	1A	6278		91	91	91	5538		643L	-16
POLE	385002.81	-1044057.58	1A	6325		138	138	138	6568		867L	11
TREE	385005.17	-1044056.39	1A	6324		137	137	137	6807		960L	5
POLE	385014.93	-1044057.53	1A	6330		143	143	143	7794		869L	-9
BLDG	385016.44	-1044109.71	1A	6330		143	143	143	7946		95R	-12
TREE	385022.25	-1044114.13	1A	6375		188	188	188	8534		445R	22
GRD	385027.44	-1044116.00	1A	6351		164	164	164	9059		594R	-13
BLDG	385027.62	-1044120.40	1A	6361		174	174	174	9077		943R	-4
TREE	385029.53	-1044122.17	1A	6356		169	169	169	9270		1083R	-12
ANT ON POLE	385030.12	-1044057.17	1A	6373		186	186	186	9332		896L	4
TREE	385038.09	-1044109.27	1A	6399		212	212	212	10137		63R	13

35R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	384850.65	-1044102.35	1A	6186		83	68	-1	-12766		500R	2
ROD ON OL GS	384846.05	-1044103.61	1A	6225		122	107	38	-12301		400R	44
GRD	384824.76	-1044103.61	1A	6174		71	56	-13	-10146		403R	4
GRD	384729.36	-1044103.60	1A	6128		25	10	-59	-4539		411R	1
GRD	384704.11	-1044103.58	1A	6116		13	-2	-71	-1985		416R	3
OL ON LTD WSK	384656.90	-1044112.82	1A	6111		8	-7	-76	-1254		314L	1
SIGN	384646.77	-1044110.27	1A	6106		3	-12	-81	-228		111L	1
OL DME	384633.66	-1044113.77	1A	6093		-10	-25	-94	1098		387L	-28
OL ON LOC	384633.58	-1044108.88	1A	6096		-7	-22	-91	1106		0R	-25

17R BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	384748.60	-1044300.65	1A	6058		-118	-118	-129	-9925		262R	4
ROD ON OL GS	384750.14	-1044252.30	1A	6095		-81	-81	-92	-9769		400L	40
GRD	384931.33	-1044251.03	1A	6187		11	11	0	471		490L	-3
PIPE	384934.76	-1044250.72	1A	6191		15	15	4	819		514L	-16
OL ON LOC	384938.34	-1044257.21	1A	6198		22	22	11	1180		0R	-27
ANT ON BLDG	384939.96	-1044253.31	1A	6210		34	34	23	1344		308L	-23
POST	384942.76	-1044255.71	1A	6206		30	30	19	1628		118L	-42

35L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	384750.14	-1044252.30	1A	6095		50	20	-92	-1253		400R	40
OL ON LTD WSK	384748.60	-1044300.65	1A	6058		13	-17	-129	-1096		262L	4
GRD	384728.30	-1044250.13	1A	6061		16	-14	-126	957		573R	1
GRD	384727.14	-1044259.67	1A	6064		19	-11	-123	1076		182L	1
ELEC EQIP	384726.81	-1044257.94	1A	6065		20	-10	-122	1109		44L	2
ROD ON BLDG	384725.40	-1044302.32	1A	6065		20	-10	-122	1252		392L	-1
GRD	384714.14	-1044304.35	1A	6049		4	-26	-138	2391		551L	-40

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
OL ON LTD WSK	384830.57	-1044152.51	1A	6144		-43	3018	1273	5
ROD ON RTR TWR	384837.36	-1044217.24	1A	6202		15	31602	2021	-81
ANT ON RTR TWR	384836.31	-1044219.31	1A	6200		13	31031	2035	-111
GRD	384823.20	-1044132.24	1A	6152		-35	7500	2431	-4
OL ON HGR	384847.58	-1044156.02	1A	6211		24	145	2753	-14
ROD ON OL POLE	384834.23	-1044119.38	1A	6219		32	5904	3693	-5
ELEC EQIP	384817.51	-1044250.21	1A	6107		-80	25517	3770	10
ANT ON OL ATCT	384859.32	-1044156.65	1A	6340		153	35738	3918	3
GRD	384825.39	-1044101.13	1A	6188		1	7510	4904	3
POST	384824.21	-1044057.90	1A	6202		15	7645	5150	-18
FENCE	384846.68	-1044057.64	1A	6237		50	5340	5781	3

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL HAA	MAG BEARING	DISTANCE	PNTR
ANT ON TWR	384914.67	-1044227.69	1A	6243	56	33035	5787	-22
GRD	384847.52	-1044058.09	1A	6231	44	5246	5789	1
LT POLE	384731.19	-1044241.73	1A	6105	-82	20200	5900	-45
ROD ON OL ASR	384847.54	-1044053.12	1A	6281	94	5427	6140	-5
APBN	384924.54	-1044206.80	1A	6245	58	34741	6448	-92
OL ON LTD WSK	384918.17	-1044244.05	1A	6177	-10	32106	6653	5
OL ON LT	384930.84	-1044246.52	1A	6215	28	32426	7879	-20
ANT ON BLDG	384726.05	-1044315.84	1A	6086	-101	21641	8017	-95
TK	384934.93	-1044242.27	1A	6227	40	32751	8117	-74
FENCE	384934.20	-1044249.43	1A	6195	8	32402	8286	-22
LT POLE	384930.31	-1044312.71	1A	6190	3	31216	8943	-26
LT POLE	384711.68	-1044315.92	1A	6091	-96	21005	9089	-88
POLE	384945.65	-1044312.05	1A	6217	30	31755	10179	-32
FENCE	384635.73	-1044119.30	1A	6086	-101	15233	11187	-62
TWR	385013.42	-1044153.94	1A	6354	167	35401	11409	17
BLDG	385016.44	-1044109.71	1A	6330	143	1016	12425	-7
POLE	385014.93	-1044057.53	1A	6330	143	1437	12644	-7
TREE	385025.14	-1044142.08	1A	6343	156	35755	12680	6
TREE	385025.13	-1044234.92	1A	6337	150	33904	12827	0
TREE	385022.25	-1044114.13	1A	6375	188	755	12871	38
OL ON POLE	384623.66	-1044057.76	1A	6073	-114	14701	12934	-82
BLDG	385027.62	-1044120.40	1A	6361	174	510	13256	24
GRD	385027.44	-1044116.00	1A	6351	164	638	13331	14
TREE	385029.53	-1044122.17	1A	6356	169	422	13409	19
OL TK	384630.82	-1044347.02	1A	6133	-54	20702	13865	-204
ROD ON OL TWR	384935.46	-1044430.13	1A	6267	80	29324	13892	-70
ANT ON POLE	385030.12	-1044057.17	1A	6373	186	1209	14071	36
TREE	385038.09	-1044109.27	1A	6399	212	728	14516	61
TREE	385044.64	-1044221.53	1A	6400	213	34441	14622	63
GRD	385035.11	-1044038.57	2C	6360	173	1638	15131	23
ANT	385058.60	-1044209.79	1A	6433	246	34831	15968	96
VENT ON BLDG	385116.03	-1044204.49	1A	6441	254	35004	17724	23
TREE	385107.91	-1044332.49	1A	6404	217	32743	18332	47
TREE	385124.46	-1044203.11	2C	6493	306	35025	18576	33
TREE	385126.95	-1044202.73	2C	6483	296	35031	18828	11
TK	385133.76	-1044239.85	1A	6424	237	34157	19737	-49

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.