NGS FORM-292

AERONAUTICAL DATA SHEET
NATIONAL GEODETIC SURVEY

DATE GENERATED: 07/12/2001

PROJECT NUMBER: 213
ARPT IDENTIFIER: MKC — SITE NUMBER: 11816.A
ARPT NAME: KANSAS CITY DOWNTOWN AIRPORT — SURVEY DATE: 11/04/2000
CITY: KANSAS CITY — HORIZONTAL DATUM: NAD83
STATE: MISSOURI — VERTICAL DATUM: NAVD88
ARPT ELEVATION: 758.8 — DISTANCE FROM RWY END: 19+0 — ATCT FLOOR ELEV: 821.0
AIRPORT REFERENCE POINT — LATITUDE: 390723.7 — LONGITUDE: -943533.9 — DECLINATION: 3.6E

RUNWAY INFORMATION

RUNWAY: 1/19 LENGTH: 7002 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
1	390653.8375	-943542.9820	747.8	124121	747.8				
19	390801.3466	-943523.4645	758.8	1924134	758.8				

PROFILE DATA

DISTANCES FROM APPROACH END 1

DISTANCE	ELEV
0	747.8
615	743.5
2358	743.9
5029	743.8
7002	758.8

DISTANCES FROM APPROACH END 19

DISTANCE	ELEV
0	758.8
1972	743.8
4644	743.9
6386	743.5
7002	747.8

RUNWAY: 3/21 LENGTH: 5050 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
3	390658.6638	-943554.6523	742.6	382600	744.1	500	390702.5361	-943550.7078	743.0
21	390737.7598	-943514.8194	743.0	2182625	744.1	699	390732.3492	-943520.3329	743.7

DISTANCES FROM APPROACH END 3

DISTANCE	ELEV
0	742.6
500	743.0
2313	743.9
4351	743.7
5050	743.0

DISTANCES FROM APPROACH END 21

DISTANCE	ELEV
0	743.0
699	743.7
2737	743.9
4550	743.0
5050	742.6

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NAVIGATIONAL AID INFORMATION

ELECTRONIC		LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
GS (3)		390712.4961	-943546.6388	743.2		
GS (3)	PP	390710.1908	-943542.9097	743.3	375L	1489
GS (19)		390748.6200	-943521.9376	742.8		
GS (19)	PP	390749.4893	-943526.8933	749.1	400L	1230
LOC (3)		390740.4233	-943516.6234	742.6		
LOC (3)	PP	390738.7096	-943513.8515		279L	123
LOC (19)		390649.6251	-943544.1956	747.8		437
LOM (3)	(OTS)	390340.1318	-943920.8570			25843
LOM (19)		391314.8757	-943351.5880			32538
NDB (GQR)		390340.2109	-943920.6716			
VOR/DME (RIS)		390713.3992	-943547.7346	740.0		

VISUAL	LATITUDE	LONGITUDE
ALS (19)		
APBN	390713.9522	-943526.1104
REIL (1)		
REIL (21)		
VASI (1)		
VASI (3)		
VASI (19)		
VASI (21)		

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OBSTRUCTION INFORMATION

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1 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RD(N)	390801.65	-943525.13	1A	767	19	19	8	-7002		135L		8
FENCE	390757.19	-943528.14	1A	768	20	20	9	-6510		267L		13
RD(N)	390756.91	-943528.57	1A	777	29	29	18	-6475		294L		22
ROD ON OL GS	390748.62	-943521.94	1A	779	31	31	20	-5772		400R		30
OL ON LTD WSK	390656.98	-943548.01	1A	769	21	21	10	-223		456L		23
ROD ON OL BLDG	390651.73	-943547.22	1A	760	12	12	1	281		279L		8
RD(N)	390649.86	-943537.54	1A	760	12	12	1	298		*507R		8
OL ON LOC	390649.63	-943544.20	1A	754	6	6	-5	437		0R		-5
OL ON LEVEE	390648.74	-943545.17	1A	763	15	15	4	541		55L		-2
TREE	390645.94	-943538.94	1A	808	60	60	49	710		486R		35
TREE	390642.86	-943547.87	1A	789	41	41	30	1168		132L		-7
OL ON BLDG	390620.14	-943553.68	1A	889	141	141	130	3511		74L		-25
FLGPL ON BLDG	390611.11	-943557.68	1A	912	164	164	153	4472		181L		-50

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19 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	390656.98	-943548.01	1A	769	10	10	10	10	-6778		456R	23
ROD ON OL GS	390748.62	-943521.94	1A	779	20	20	20	20	-1230		400L	30
RD(N)	390756.91	-943528.57	1A	777	18	18	18	18	-526		294R	22
FENCE	390757.19	-943528.14	1A	768	9	9	9	9	-491		267R	13
RD(N)	390801.65	-943525.13	1A	767	8	8	8	8	1		135R	8
RD(N)	390803.42	-943523.50	1A	767	8	8	8	8	204		49R	8
POLE	390805.76	-943518.21	1A	771	12	12	12	12	527		306L	6
POLE	390806.01	-943516.33	1A	771	12	12	12	12	584		445L	5
FENCE	390806.69	-943520.00	1A	768	9	9	9	9	587		148L	2
RD(N)	390807.59	-943519.81	1A	778	19	19	19	19	680		142L	10
TREE	390810.86	-943512.06	1A	792	33	33	33	33	1136		*665L	15

19 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	390812.11	-943512.14	1A	790	31	31	31	1258		632L	10	
TREE	390819.08	-943512.15	1A	805	46	46	46	1947		476L	11	
ROD ON OL LT POLE	390835.87	-943506.56	1A	822	63	63	63	3700		532L	-7	
OL PIPE ON BLDG	390835.58	-943500.61	1A	875	116	116	116	3775		996L	45	
TREE	390925.95	-943444.13	1A	984	225	225	225	9031		1142L	49	
OL ON TK	390928.20	-943454.42	1A	967	208	208	208	9076		301L	31	
TREE	390928.62	-943443.00	1A	997	238	238	238	9315		1169L	56	
OL ON POLE	390935.61	-943504.16	1A	969	210	210	210	9638		612R	22	
TREE	390934.35	-943449.61	1A	990	231	231	231	9766		534L	40	
TREE	390938.65	-943507.16	1A	988	229	229	229	9886		910R	36	
TREE	390944.93	-943513.85	1A	1020	261	261	261	10391		1564R	57	
TREE	390955.33	-943510.41	2C	1029	270	270	270	11477		1531R	38	
TREE	390955.30	-943450.81	1A	1024	265	265	265	11813		24R	25	
TREE	391001.42	-943518.21	2C	1021	262	262	262	11944		*2265R	19	

3 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON BLDG	390740.57	-943516.19	1A	755	12	11	-4	-5206	-4706	261L	12	
POLE	390737.56	-943511.36	1A	785	42	41	26	-5204	-4704	226R	42	
POLE ON OL HGR	390730.67	-943516.47	1A	790	47	46	31	-4407	-3907	345R	46	
OL ON HGR	390728.87	-943516.46	1A	787	44	43	28	-4265	-3765	458R	44	
OL ON VOR/DME	390713.40	-943547.73	1A	772	29	28	13	-1507	-1007	500L	29	
ROD ON OL GS	390712.50	-943546.64	1A	793	50	49	34	-1489	-989	375L	50	
OL ON LTD WSK	390656.98	-943548.01	1A	769	26	25	10	-192	308	*516R	27	
RD(N)	390700.04	-943601.13	1A	760	17	16	1	208	708	487L	17	
FENCE	390658.27	-943559.16	1A	749	6	5	-10	252	752	253L	6	
LEVEE	390659.37	-943602.46	1A	762	19	18	3	327	827	*526L	17	
RD(N)	390655.68	-943557.72	1A	759	16	15	0	386	887	2L	13	
OL ON LEVEE	390656.16	-943559.42	1A	763	20	19	4	432	933	137L	16	
TREE	390643.16	-943600.35	1A	798	55	54	39	1508	2008	624R	29	
TREE	390649.99	-943615.57	1A	818	75	74	59	1712	2212	*746L	46	
TREE	390649.82	-943615.32	1A	817	74	73	58	1713	2214	720L	45	
CRANE	390641.44	-943622.05	1A	839	96	95	80	2707	3208	609L	46	
CRANE	390639.64	-943619.54	1A	857	114	113	98	2727	3228	341L	64	

3 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
CRANE	390637.41	-943616.14	1A	835	92	91	76	2737	3237	10R	42	
POLE	390632.64	-943609.09	1A	807	64	63	48	2770	3270	745R	13	
OL ON DOME	390642.30	-943625.47	1A	815	72	71	56	2806	3307	874L	21	
LT	390633.73	-943630.21	1A	858	115	114	99	3719	4219	627L	45	
OL ON ELEVATOR	390613.64	-943627.51	1A	896	153	152	137	5178	5679	802R	54	
LT	390556.80	-943640.96	1A	900	157	156	141	7172	7672	1031R	18	
LT	390555.25	-943651.32	1A	893	150	149	134	7803	8303	488R	-1	
ANT ON ELEVATOR	390521.62	-943738.68	1A	982	239	238	223	12789	13289	323L	-25	
ANT ON OL TWR	390319.49	-943859.96	1A	1406	436	663	662	647	26454	26955	2331R	57

21 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	390656.98	-943548.01	1A	769	26	25	10	-4858	-4159	*516L	27	
ROD ON OL GS	390712.50	-943546.64	1A	793	50	49	34	-3561	-2862	375R	50	
OL ON VOR/DME	390713.40	-943547.73	1A	772	29	28	13	-3543	-2844	500R	29	
OL ON HGR	390728.87	-943516.46	1A	787	44	43	28	-785	-86	458L	44	
POLE ON OL HGR	390730.67	-943516.47	1A	790	47	46	31	-643	56	345L	46	
POLE	390737.56	-943511.36	1A	785	42	41	26	154	853	226L	42	
ANT ON BLDG	390740.57	-943516.19	1A	755	12	11	-4	156	855	261R	12	
RR	390740.40	-943512.14	1A	782	39	38	23	340	1039	0R	35	
POLE	390738.77	-943506.89	1A	791	48	47	32	469	1168	426L	40	
OL ON POLE	390744.78	-943513.99	1A	782	39	38	23	597	1296	390R	28	
TREE	390745.65	-943512.43	1A	797	54	53	38	742	1441	349R	38	
OL ON ELEVATOR	390741.15	-943503.38	1A	865	122	121	106	829	1528	492L	103	
OL ON BLDG	390747.14	-943503.50	1A	810	67	66	51	1298	1997	108L	35	
CAMERA ON OL LT POLE	390755.00	-943505.01	1A	853	110	109	94	1847	2545	479R	62	
STK ON BLDG	390831.47	-943418.36	1A	899	156	155	140	7023	7721	105L	-44	

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
OL ON APBN	390713.95	-943526.11	1A	796		37	14430	1162	10
ANT ON OL ATCT	390723.50	-943553.06	1A	854		95	26537	1510	-23
ROD ON OL AMOM	390715.34	-943549.84	1A	778		19	23227	1514	-1
VENT ON BLDG	390729.24	-943511.55	1A	791		32	6844	1849	14
HOPPER	390732.50	-943510.30	1A	808		49	6049	2062	49
CAMERA ON OL LT POLE	390727.46	-943507.93	1A	855		96	7552	2082	30
OL ON HGR	390746.47	-943516.20	1A	784		25	2735	2693	17
OL ON HGR	390706.34	-943601.49	1A	797		38	22728	2795	-3
ANT ON HGR	390656.17	-943530.61	1A	794		35	17105	2797	-8
OL ON LTD WSK	390656.98	-943548.01	1A	769		10	19845	2923	24
TREE	390754.39	-943537.06	1A	819		60	35148	3116	11
LEVEE	390659.37	-943602.46	1A	762		3	21850	3336	16
RD(N)	390649.86	-943537.54	1A	760		1	18111	3435	7
OL ON BRDG	390642.39	-943521.85	1A	902		143	16336	4286	-7
ANT ON BRDG TWR	390659.26	-943447.28	1A	924		165	12020	4429	15
TREE	390810.47	-943535.84	1A	830		71	35433	4734	-22
TREE	390649.99	-943615.57	1A	818		59	22019	4735	43
OL ON LT	390806.10	-943505.83	1A	856		97	2340	4827	-9
TREE	390810.86	-943512.06	1A	792		33	1613	5072	11
BLDG	390637.99	-943501.92	1A	927		168	14748	5267	19
OL CHY	390644.38	-943447.08	1A	1004	249	245	13333	5426	95
TREE	390817.46	-943531.82	1A	830		71	35807	5441	1
VENT ON OL ELEVATOR	390709.36	-943646.67	1A	970		211	25212	5916	61
ANT ON OL ELEVATOR	390704.42	-943653.93	1A	918		159	24913	6602	9
OL ON BLDG	390620.14	-943553.68	1A	889		130	19001	6617	-20
LT	390638.55	-943639.87	1A	895		136	22506	6921	11
LT	390643.98	-943647.49	1A	913		154	23141	7057	4
ANT ON OL BLDG	390611.90	-943528.70	1A	1084		325	17310	7276	175
CHY ON BLDG	390739.34	-943704.17	1A	923		164	27857	7288	14
FLGPL ON BLDG	390614.48	-943502.93	1A	1080	219	321	15710	7417	171
ANT ON OL BLDG	390702.08	-943705.79	1A	979		220	24936	7565	70
FLGPL ON BLDG	390611.11	-943557.68	1A	912		153	19043	7580	3
TREE	390753.49	-943703.73	2C	922		163	28928	7694	13
OL ON ELEVATOR	390834.42	-943457.39	1A	912		153	1818	7712	49
ANT ON OL BLDG	390606.57	-943532.89	1A	1092		333	17549	7804	183
OL ANT ON BLDG	390611.01	-943457.71	1A	1366	509	607	15512	7889	457
OL ON ELEVATOR	390837.49	-943457.40	1A	859		100	1728	8001	6

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
OL BLDG	390616.92	-943436.04	1A	1137	200	378	14222	8152	228
CROSS ON CHURCH	390603.24	-943521.28	1A	1113		354	16926	8201	204
TREE	390758.84	-943708.11	2C	950		191	29160	8232	41
OL ON TRMSN TWR	390738.50	-943350.47	1A	937	202	178	7559	8288	28
SPIRE	390646.32	-943708.33	1A	959		200	23928	8349	50
ANT ON OL BLDG	390601.65	-943510.13	1A	1197	277	438	16340	8510	289
FLAG ON CRANE	390558.01	-943522.93	1A	1160	223	401	17042	8713	251
FLGPL ON OL BLDG	390602.02	-943457.49	1A	1460	576	701	15714	8748	551
ANT ON OL TWR	390600.09	-943604.67	1A	933		174	19224	8800	24
VENT ON ELEVATOR	390805.96	-943354.31	1A	940		181	5748	8937	31
SPIRE ON OL BLDG	390559.01	-943501.43	1A	1510	611	751	15946	8943	601
ANT ON OL BLDG	390604.34	-943443.71	1A	1384	457	625	15010	8951	475
OL ON TRMSN TWR	390722.10	-943339.06	1A	942	207	183	8725	9052	33
ANT ON ELEVATOR	390823.97	-943659.10	1A	898		139	30839	9070	-11
STK ON BLDG	390831.47	-943418.36	1A	899		140	3721	9080	-9
FLGPL ON BLDG	390601.94	-943440.85	1A	1423	496	664	14934	9269	514
TREE	390749.40	-943726.80	2C	942		183	28242	9270	33
ANT ON OL TWR	390649.25	-943724.12	1A	1072		313	24433	9360	163
TREE	390808.75	-943718.11	2C	910		151	29526	9393	1
TREE	390814.64	-943713.82	2C	913		154	29936	9411	4
STROBE LTD STK	390832.27	-943658.35	1A	933		174	31236	9614	24
ANT ON BLDG	390551.16	-943504.94	1A	1358	483	599	16241	9637	449
TWR	390611.81	-943413.59	1A	1058		299	13521	9643	149
ANT ON OL SIGN	390658.59	-943734.51	1A	1075		316	25127	9840	166
ANT ON BLDG	390555.79	-943436.84	1A	1233	322	474	14934	9967	324
ANT ON OL BLDG	390648.12	-943733.51	1A	1038		279	24530	10092	129
LT	390555.23	-943633.42	1A	892		133	20404	10106	3
SIGN	390618.37	-943352.22	1A	1013		254	12554	10389	104
ROD ON OL POLE	390619.94	-943346.23	1A	1068		309	12337	10660	159
STK	390627.23	-943339.61	1A	1033		274	11846	10667	124
ROD ON STK	390718.22	-943749.60	1A	921		162	26326	10709	12
ANT ON OL MCWV TWR	390818.94	-943336.46	1A	945	212	186	5515	10811	36
CROSS ON CHURCH	390756.36	-943745.43	1A	964		205	28405	10879	46
TREE	390631.29	-943327.45	2C	1074		315	11424	11289	139
ANT ON OL BLDG	390619.77	-943334.50	1A	1101		342	12053	11420	165
ANT ON OL BLDG	390705.06	-943759.87	1A	1046		287	25706	11658	137
VENT ON ELEVATOR	390835.10	-943337.64	1A	923		164	4807	11667	14

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
POLE	390802.23	-943805.93	1A	988		229	28426	12599	-17
POLE	390908.28	-943405.53	1A	964		205	2944	12667	55
LT POLE	390519.32	-943553.46	1A	1017		258	18323	12679	108
TREE	390518.73	-943556.75	1A	1023		264	18430	12772	114
POLE	390812.33	-943805.51	1A	975		216	28847	12921	-47
TREE	390925.95	-943444.13	1A	984		225	1359	12975	75
OL ON TK	390928.20	-943454.42	1A	967		208	1016	12975	58
POLE	390908.20	-943353.34	1A	985		226	3314	13213	76
TREE	390606.59	-943749.25	2C	935		176	23014	13217	13
TREE	390928.62	-943443.00	1A	997		238	1360	13261	88
TREE	390910.54	-943354.33	2C	983		224	3221	13357	74
OL ON POLE	390935.61	-943504.16	1A	969		210	621	13550	60
TREE	390917.01	-943401.00	2C	969		210	2857	13602	60
TREE	390934.35	-943449.61	1A	990		231	1111	13672	81
POLE	390702.97	-943826.35	1A	1002		243	25738	13753	1
OL ON TWR	390612.04	-943305.55	1A	1061		302	11811	13759	4
TREE	390938.65	-943507.16	1A	988		229	510	13816	79
POLE	390653.31	-943826.41	1A	997		238	25340	13940	-4
ROD ON STK	390547.98	-943744.91	1A	990		231	22315	14158	29
SPIRE	390551.44	-943749.61	1A	979		220	22518	14198	14
OL ON BLDG	390506.93	-943447.28	1A	1254	384	495	16131	14318	270
ANT ON OL BLDG	390606.44	-943806.23	1A	1004		245	23321	14328	23
TREE	390944.93	-943513.85	1A	1020		261	242	14377	96
OL ON BLDG	390453.79	-943458.74	1A	1152	280	393	16602	15419	120
TREE	390955.33	-943510.41	2C	1029		270	316	15453	51
OL MON	390451.82	-943509.40	1A	1164	230	405	16914	15488	133
TREE	390946.57	-943418.00	2C	1011		252	1852	15644	21
SPIRE	390636.09	-943843.30	1A	1075		316	24832	15686	0
TREE	390955.30	-943450.81	1A	1024		265	852	15710	35
TREE	391001.28	-943519.59	2C	1055		296	26	15984	49
TREE	391001.42	-943518.21	2C	1021		262	49	16006	18

ADDITIONAL INFORMATION:

NDB[GQR] IS TEMPORARILY FUNCTIONING AS SUCH WHILE THE OUTER MARKER IS OTS.

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.