

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 07/31/2007

PROJECT NUMBER: 289
 ARPT IDENTIFIER: LGA
 ARPT NAME: LA GUARDIA AIRPORT
 CITY: NEW YORK
 STATE: NEW YORK
 ARPT ELEVATION: 20.6
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 4+0
 LATITUDE: 404638.1
 LONGITUDE: -735221.4

SITE NUMBER: 15794.A
 SURVEY DATE: 05/31/2006
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 128.0
 DECLINATION: 13.3W

RUNWAY INFORMATION

RUNWAY: 4/22 LENGTH: 7001 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
 GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
4	404608.9927	-735302.8304	20.6	320756	20.6				
22	404707.5736	-735214.4209	11.5	2120828	12.4				

PROFILE DATA

DISTANCES FROM APPROACH END 4

DISTANCES FROM APPROACH END 22

DISTANCE	ELEV
0	20.6
1409	13.5
3433	14.6
4876	8.7
7001	11.5

DISTANCE	ELEV
0	11.5
2125	8.7
3568	14.6
5592	13.5
7001	20.6

RUNWAY: 13/31 LENGTH: 7003 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
 GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
13	404656.2698	-735242.6775	11.6	1220801	11.6				
31	404619.4573	-735125.6016	6.7	3020852	6.9				

DISTANCES FROM APPROACH END 13

DISTANCE	ELEV
0	11.6
1232	8.7
2286	6.6
7003	6.7

DISTANCES FROM APPROACH END 31

DISTANCE	ELEV
0	6.7
4717	6.6
5771	8.7
7003	11.6

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VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
DME (22)	404606.9104	-735308.7812	40.3		
DME (31/13)	404645.6864	-735213.9446	22.1		
GS (4)	404619.5272	-735257.9659	10.6		
GS (4) PP	404618.2127	-735255.2132	14.6	250L	1102
GS (13)	404653.0383	-735230.8355	10.1		
GS (13) PP	404651.3011	-735232.2711	9.5	208L	945
GS (22)	404657.7485	-735218.7009	9.2		
GS (22) PP	404659.0637	-735221.4550	10.0	250L	1017
LDA (22)	404606.9977	-735307.6298	23.2		
LDA (22) PP	404605.9186	-735305.3699		205R	367
LOC (4)	404715.8611	-735207.5678	11.5		991
LOC (13)	404617.3908	-735121.2757	11.1		393
LOC (22)	404605.9297	-735305.3611	20.2		366
LOC (31)	404645.5538	-735213.5164	9.7		
LOC (31) PP	404643.2531	-735215.4178		275R	-2477
LOM (4)	404252.4606	-735545.5525			23505
LOM (22)	405159.0279	-734812.8066			34858
VOR/DME(LGA)	404701.3761	-735206.9617	8.9		

VISUAL	LATITUDE	LONGITUDE
ALS (4)		
ALS (13)		
ALS (22)		
APBN	404621.5716	-735310.6058
PAPI (4)		
REIL (13)		
REIL (22)		
REIL (31)		
VASI (13)		
VASI (22)		

VISUAL	LATITUDE	LONGITUDE
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VASI (31)

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OBSTRUCTION INFORMATION

4 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	404657.75	-735218.70	1A	36		15	15	15	-5984		250R	26
OL ON BLDG	404653.44	-735230.24	1A	25		4	4	4	-5143		269L	16
TMOM	404649.34	-735222.06	1A	26		5	5	5	-5126		484R	17
ROD ON OL GS	404653.04	-735230.84	1A	53		32	32	32	-5084		287L	44
TMOM	404627.85	-735254.48	1A	30		9	9	9	-1958		471L	16
OL ON GS	404619.53	-735257.97	1A	42		21	21	21	-1102		250L	27
TREE	404608.97	-735255.60	1A	33		12	12	12	-294		472R	14
BUSH	404612.68	-735306.14	1A	31		10	10	10	-181		414L	11
SIGN	404606.75	-735257.93	1A	45		24	24	24	-8		440R	24
OL ON BLAST FENCE	404609.84	-735307.28	1A	31		10	10	10	110		335L	10
TREE	404605.21	-735258.95	1A	67		46	46	46	165		457R	46
LOC	404605.93	-735305.36	1A	27		6	6	6	366		0R	3
OL ON DME	404606.91	-735308.78	1A	44		23	23	23	422		276L	19
TREE	404602.38	-735300.39	1A	63		42	42	42	466		515R	37
TREE	404602.14	-735303.03	1A	60		39	39	39	596		356R	32
TREE	404555.23	-735316.32	1A	72		51	51	51	1732		138L	21
ANT ON BLDG	404551.87	-735312.15	1A	83		62	62	62	1849		314R	30
TREE	404557.29	-735324.43	1A	95		74	74	74	1887		*777L	41
TREE	404551.46	-735315.00	1A	78		57	57	57	2001		150R	21
TREE	404553.44	-735323.93	1A	82		61	61	61	2196		538L	21
TREE	404547.98	-735315.97	1A	80		59	59	59	2339		275R	17
TREE	404551.72	-735328.79	1A	104		83	83	83	2543		761L	36
TREE	404543.40	-735311.68	1A	84		63	63	63	2555		801R	16
OL ON BLDG	404542.12	-735319.05	1A	101		80	80	80	2967		390R	25
TREE	404545.56	-735333.06	1A	100		79	79	79	3246		709L	18
TREE	404536.93	-735316.98	1A	89		68	68	68	3327		804R	6
FLGPL ON BLDG	404511.59	-735401.24	1A	165		144	144	144	7310		717L	2
BLDG	404443.40	-735345.23	1A	186		165	165	165	9071		*1844R	-12
ANT ON OL BLDG	404448.42	-735440.53	1A	271		250	250	250	10903		2032L	33
OL ON TWR	404437.82	-735426.82	1A	301	222	280	280	280	11252		567L	54

4 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON BLDG	404426.98	-735417.17	1A	253		232	232	232	11785		645R	-7

22 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	404605.21	-735258.95	1A	67		55	55	46	-7166		457L	46
OL ON BLAST FENCE	404609.84	-735307.28	1A	31		19	19	10	-7111		335R	10
SIGN	404606.75	-735257.93	1A	45		33	33	24	-6993		440L	24
BUSH	404612.68	-735306.14	1A	31		19	19	10	-6820		414R	11
TREE	404608.97	-735255.60	1A	33		21	21	12	-6708		472L	14
OL ON GS	404619.53	-735257.97	1A	42		30	30	21	-5899		250R	27
TMOM	404627.85	-735254.48	1A	30		18	18	9	-5044		471R	16
ROD ON OL GS	404653.04	-735230.84	1A	53		41	41	32	-1917		287R	44
TMOM	404649.34	-735222.06	1A	26		14	14	5	-1875		484L	17
OL ON BLDG	404653.44	-735230.24	1A	25		13	13	4	-1858		269R	16
ROD ON OL GS	404657.75	-735218.70	1A	36		24	24	15	-1017		250L	26
ANT ON OL BLDG	404714.47	-735204.83	1A	26		14	14	5	984		253L	-1
ANT ON OL BLDG	404912.04	-735056.13	1A	295	244	283	283	274	13869		1605R	-8

13 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON FENCE	404614.66	-735126.64	1A	22		10	10	1	-7193		454R	15
OL ON FENCE	404621.52	-735122.40	1A	21		9	9	0	-7101		308L	14
ANT ON OL BLDG	404615.84	-735128.16	1A	17		5	5	-4	-7031		415R	10
FENCE	404622.88	-735125.88	1A	20		8	8	-1	-6800		282L	13
PIPE	404626.06	-735132.96	1A	13		1	1	-8	-6168		265L	6
TMOM	404629.34	-735140.18	1A	24		12	12	3	-5522		250L	17
BUSH	404637.93	-735156.45	1A	15		3	3	-6	-3999		320L	9
OL ON FENCE	404639.15	-735159.02	1A	20		8	8	-1	-3766		320L	14
OL ON LOC	404645.55	-735213.52	1A	20		8	8	-1	-2477		275L	13
OL ON DME	404645.69	-735213.94	1A	27		15	15	6	-2441		269L	20
BUSH	404646.74	-735215.38	1A	15		3	3	-6	-2291		301L	8

13 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
AMOM	404651.45	-735219.26	1A	28		16	16	7	-1785		*545L	20
TMOM	404649.34	-735222.06	1A	26		14	14	5	-1716		250L	18
OL ON BLDG	404653.44	-735230.24	1A	25		13	13	4	-963		266L	16
ROD ON OL GS	404653.04	-735230.84	1A	53		41	41	32	-945		208L	44
LT POLE	404712.48	-735257.84	1A	40		28	28	19	1861		*769L	-5
FENCE	404712.00	-735259.75	1A	25		13	13	4	1959		649L	-22
TREE	404716.35	-735304.04	1A	64		52	52	43	2472		*847L	7
TREE	404717.43	-735306.85	1A	67		55	55	46	2714		824L	5
LT POLE	404718.42	-735313.97	1A	67		55	55	46	3231		618L	-5
ROD ON BLDG	404817.16	-735456.61	1A	248		236	236	227	13077		1455L	-35
ANT ON OL BLDG	404805.96	-735608.10	1A	388	367	376	376	367	17132		2426R	3

31 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	404653.04	-735230.84	1A	53		46	46	32	-6058		208R	44
OL ON BLDG	404653.44	-735230.24	1A	25		18	18	4	-6040		266R	16
TMOM	404649.34	-735222.06	1A	26		19	19	5	-5287		250R	18
AMOM	404651.45	-735219.26	1A	28		21	21	7	-5218		*545R	20
BUSH	404646.74	-735215.38	1A	15		8	8	-6	-4712		301R	8
OL ON DME	404645.69	-735213.94	1A	27		20	20	6	-4561		269R	20
OL ON LOC	404645.55	-735213.52	1A	20		13	13	-1	-4526		275R	13
OL ON FENCE	404639.15	-735159.02	1A	20		13	13	-1	-3237		320R	14
BUSH	404637.93	-735156.45	1A	15		8	8	-6	-3004		320R	9
TMOM	404629.34	-735140.18	1A	24		17	17	3	-1481		250R	17
PIPE	404626.06	-735132.96	1A	13		6	6	-8	-835		265R	6
FENCE	404622.88	-735125.88	1A	20		13	13	-1	-203		282R	13
ANT ON OL BLDG	404615.84	-735128.16	1A	17		10	10	-4	28		415L	10
OL ON FENCE	404621.52	-735122.40	1A	21		14	14	0	98		308R	14
OL ON FENCE	404614.66	-735126.64	1A	22		15	15	1	190		454L	15
FENCE	404620.88	-735121.07	1A	21		14	14	0	218		307R	14
LOC	404617.39	-735121.28	1A	19		12	12	-2	393		0R	9
TREE	404613.24	-735123.79	1A	19		12	12	-2	453		459L	7
BLDG	404611.38	-735058.55	1A	54		47	47	33	2197		416R	7
OL ON BLDG	404611.31	-735057.94	1A	69		62	62	48	2241		434R	21

31 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON BLDG	404608.91	-735051.25	1A	108		101	101	87	2806		503R	49
BLDG	404603.99	-735049.01	1A	97		90	90	76	3217		173R	30
CLOCK TWR	404538.59	-735008.55	1A	185		178	178	164	7220		347L	38
BLDG	404540.04	-734958.96	1A	215		208	208	194	7767		171R	57
OL ON BLDG	404528.81	-735001.38	1A	181		174	174	160	8215		891L	14
BLDG	404534.55	-734953.79	1A	212		205	205	191	8400		88L	41
SPIRE	404537.54	-734951.21	1A	184		177	177	163	8407		274R	13
ANT ON OL BLDG	404528.87	-734932.64	1A	265	206	258	258	244	10084		292R	60
ANT ON OL BLDG	404513.19	-734924.99	1A	344	280	337	337	323	11427		738L	107

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
LT POLE	404636.59	-735222.21	1A	56		35		21528	165	-1
OL ON LT POLE	404635.65	-735229.72	1A	61		40		26209	686	15
ANT ON OL ATCT	404631.91	-735228.06	1A	164		143		23236	809	74
ANT ON OL LT POLE	404631.19	-735208.33	1A	61		40		13806	1225	20
AMOM	404651.45	-735219.26	1A	28		7		2015	1361	14
OL ON HGR	404624.29	-735238.58	1A	85		64		23641	1924	34
OL ON LTD WSK	404649.77	-735244.83	1A	34		13		31632	2155	2
OL ANT	404619.09	-735204.01	1A	155		134		15829	2343	-10
OL ON VOR/DME	404701.38	-735206.96	1A	41		20		3832	2604	-16
ANT ON OL BLDG	404609.03	-735203.74	1A	158		137		16830	3240	-12
ANT ON OL BLDG	404609.01	-735246.33	1A	120		99		22623	3514	21
LT POLE	404713.76	-735222.51	1A	61		40		1156	3610	-2
LT POLE	404715.81	-735219.91	1A	63		42		1501	3818	9
OL ON LT POLE	404620.45	-735305.85	1A	63		42		25543	3858	2
LT POLE	404717.11	-735220.14	1A	70		49		1442	3950	4
LT POLE	404606.98	-735253.73	1A	53		32		23136	4013	5
APBN	404621.57	-735310.61	1A	84		63		25928	4139	-30
BLDG	404719.11	-735220.90	1A	84		63		1349	4150	-4
OL ON LT POLE	404612.12	-735139.19	1A	81		60		14217	4179	-24
LT POLE	404712.48	-735257.84	1A	40		19		33426	4469	-8
OL ON WSK	404614.40	-735129.03	1A	35		14		13403	4689	18
ANT ON BLDG	404725.64	-735227.84	1A	133		112		725	4837	-37

ARP	HCT	(CONTINUED)									
OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR	
TREE	404716.35	-735304.04	1A	64		43		33301	5074	6	
TREE	404606.42	-735318.67	1A	98		77		24715	5449	22	
TREE	404550.80	-735301.85	1A	101		80		22620	5710	5	
TREE	404549.63	-735306.01	1A	77		56		22817	5986	11	
TREE	404600.57	-735326.28	1A	107		86		24602	6273	7	
TREE	404557.29	-735324.43	1A	95		74		24253	6370	37	
OL STK	404652.42	-735346.91	1A	282		261		29544	6736	112	
TREE	404540.38	-735308.80	1A	86		65		22517	6886	-24	
STK ON BLDG	404552.83	-735332.95	1A	102		81		24332	7162	0	
TREE	404713.07	-735049.63	2C	161		140		7640	7897	-10	
ROD ON CHY	404749.25	-735317.80	1A	208		187		34214	8406	37	
TK ON BLDG	404518.81	-735306.01	1A	169		148		21628	8728	-1	
ANT ON OL BLDG	404523.80	-735122.17	1A	208		187		16204	8793	37	
STK ON BLDG	404515.24	-735325.82	1A	126		105		22353	9741	-15	
STK	404606.19	-735020.83	1A	181		160		12229	9822	36	
STK	404618.46	-735429.67	1A	166		145		27155	10067	-4	
FLGPL ON OL BLDG	404524.05	-735052.70	1A	171		150		15058	10136	0	
TRMSN TWR	404634.61	-735449.68	1A	176		155		28132	11413	5	
OL STK	404715.56	-735444.59	1A	312	297	291		30218	11649	141	
ANT ON OL BLDG	404442.16	-735308.99	1A	260		239		21038	12292	89	
ROD ON STK	404434.89	-735218.94	1A	218		197		19226	12471	47	
BLDG	404534.55	-734953.79	1A	212		191		13248	13052	41	
SPIRE	404537.54	-734951.21	1A	184		163		13113	13081	13	
DOME ON BLDG	404427.29	-735227.64	1A	211		190		19522	13247	19	
BLDG	404443.40	-735345.23	1A	186		165		22222	13280	15	
BRDG	404657.26	-735518.75	1A	309	309	288		29124	13781	71	
OL ON TWR	404438.30	-735041.88	1A	256	232	235		16100	14340	54	
OL ON BRDG	404641.21	-735530.96	1A	349	349	328		28433	14586	89	
OL ON BRDG	404756.98	-734940.89	1A	383	383	362		7024	14703	99	
ANT ON OL BLDG	404528.87	-734932.64	1A	265	206	244		13138	14755	94	
OL ON BRDG	404817.43	-734954.09	1A	383	383	362		6142	15148	78	
TK ON BLDG	404556.91	-734911.73	1A	230		209		11913	15177	41	
FLGPL ON BLDG	404859.76	-735327.09	1A	249		228		35353	15200	-49	
ANT ON OL BLDG	404448.42	-735440.53	1A	271		250		23716	15421	56	
OL ON TWR	404437.82	-735426.82	1A	301	222	280		23143	15535	77	
OL ON BLDG	404426.98	-735417.17	1A	253		232		22711	15983	2	
ANT ON OL BLDG	404513.19	-734924.99	1A	344	280	323		13537	16065	111	

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