NGS FORM-292

AERONAUTICAL DATA SHEET
NATIONAL GEODETIC SURVEY

DATE GENERATED: 04/21/2005

PROJECT NUMBER: 948
ARPT IDENTIFIER: ISP — SITE NUMBER: 15481.A
ARPT NAME: LONG ISLAND MAC ARTHUR AIRPORT — SURVEY DATE: 09/23/2004
CITY: ISLIP — HORIZONTAL DATUM: NAD83
STATE: NEW YORK — VERTICAL DATUM: NAVD88
ARPT ELEVATION: 98.6 — DISTANCE FROM RWY END: 24+0 — ATCT FLOOR ELEV: 153.0
AIRPORT REFERENCE POINT — LATITUDE: 404742.9 — LONGITUDE: -730600.8 — DECLINATION: 14.0W

RUNWAY INFORMATION

RUNWAY: 6/24 LENGTH: 7006 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	404719.0888	-730644.8151	92.4	445924	93.9				
24	404808.0448	-730540.4063	98.6	2250006	98.6				

PROFILE DATA

DISTANCES FROM APPROACH END 6

DISTANCE	ELEV
0	92.4
694	93.8
2005	89.6
3731	87.8
4503	88.9
7006	98.6

DISTANCES FROM APPROACH END 24

DISTANCE	ELEV
0	98.6
2503	88.9
3275	87.8
5001	89.6
6312	93.8
7006	92.4

RUNWAY: 10/28 LENGTH: 5034 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
10	404733.1004	-730628.8023	90.2	895951	90.2				
28	404733.0974	-730523.3544	82.2	2700034	83.6				

PROFILE DATA

DISTANCES FROM APPROACH END 10

DISTANCE	ELEV
0	90.2
186	89.6
3718	79.4
4315	78.0
5034	82.2

DISTANCES FROM APPROACH END 28

DISTANCE	ELEV
0	82.2
719	78.0
1316	79.4
4848	89.6
5034	90.2

RUNWAY: 15L/33R LENGTH: 3175 WIDTH: 75 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
15L	404756.5234	-730554.1799	91.2	1345940	91.2				
33R	404734.3403	-730524.9874	81.4	3145959	90.0				

PROFILE DATA

DISTANCES FROM APPROACH END 15L

DISTANCE	ELEV
0	91.2
3175	81.4

DISTANCES FROM APPROACH END 33R

DISTANCE	ELEV
0	81.4
3175	91.2

RUNWAY: 15R/33L LENGTH: 5186 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA

RWY	GEODETIC LATITUDE	GEODETIC LONGITUDE	ELEV	AZ (N)	TDZE
15R	404808.0176	-730626.3878	98.5	1350052	98.5
33L	404731.7734	-730538.7262	78.5	3150123	89.3

DISPLACED THRESHOLD DATA

RWY	LENGTH	LATITUDE	LONGITUDE	ELEV

PROFILE DATA

DISTANCES FROM APPROACH END 15R

DISTANCE	ELEV
0	98.5
2499	88.9
4996	79.4
5186	78.5

DISTANCES FROM APPROACH END 33L

DISTANCE	ELEV
0	78.5
190	79.4
2687	88.9
5186	98.5

DATE GENERATED: 04/21/2005

PROJECT NUMBER: 948
ARPT IDENTIFIER: ISP
ARPT NAME: LONG ISLAND MAC ARTHUR AIRPORT
CITY: ISLIP
STATE: NEW YORK

SITE NUMBER: 15481.A
SURVEY DATE: 09/23/2004
HORIZONTAL DATUM: NAD83
VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC		LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR (ISP)		404823.2299	-730543.8397	105.8		
GS (6)		404728.7274	-730639.4902	88.4		
GS (6)	PP	404725.9332	-730635.8127	93.0	400L	979
GS (24)		404802.1736	-730552.7240	90.9		
GS (24)	PP	404800.4292	-730550.4284	93.7	250R	1090
LOC (6)		404811.8666	-730535.3736	95.5		547
LOC (24)		404715.2675	-730649.8326	83.7		546
LOM (6)		404344.2853	-731124.8676			30611
MM (24)		404826.3439	-730516.3476			2618
OM (24)		405033.5444	-730222.3491			21182
VOR/DME (DPK)		404730.3417	-731813.2099	117.4		

VISUAL	LATITUDE	LONGITUDE
ALS (6)		
ALS (24)		
APBN	404722.8399	-730608.3327
PAPI (28)		
VASI (6)		
VASI (15R)		
VASI (24)		
VASI (33L)		

DATE GENERATED: 04/21/2005

PROJECT NUMBER: 948
ARPT IDENTIFIER: ISP
ARPT NAME: LONG ISLAND MAC ARTHUR AIRPORT
CITY: ISLIP
STATE: NEW YORK

SITE NUMBER: 15481.A
SURVEY DATE: 09/23/2004
HORIZONTAL DATUM: NAD83
VERTICAL DATUM: NAVD88

OBSTRUCTION INFORMATION

---

6 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	404808.77	-730546.76	1A	100	8	6	1	-6713		397L		2
OL ON GS	404802.17	-730552.72	1A	118	26	24	19	-5916		250L		24
BUSH	404752.17	-730611.20	1A	96	4	2	-3	-4195		*539L		8
ROD ON OL GS	404728.73	-730639.49	1A	121	29	27	22	-979		400L		29
OL ON LOC	404715.27	-730649.83	1A	92	0	-2	-7	546		0R		-7
POLE	404708.95	-730650.57	1A	116	24	22	17	1039		413R		7
TREE	404716.19	-730700.36	1A	123	31	29	24	1053		*638L		13
TREE	404714.33	-730700.13	1A	122	30	28	23	1173		493L		10
TREE	404707.65	-730654.39	1A	119	27	25	20	1340		298R		4
TREE	404712.09	-730700.36	1A	130	38	36	31	1346		345L		14
TREE	404703.78	-730657.29	1A	132	40	38	33	1774		416R		8
TREE	404701.23	-730657.71	1A	137	45	43	38	1980		576R		9
TREE	404653.97	-730702.08	1A	143	51	49	44	2737		858R		0

---

24 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	404728.73	-730639.49	1A	121	22	22	22	-6027		400R		29
BUSH	404752.17	-730611.20	1A	96	-3	-3	-3	-2811		*539R		8
OL ON GS	404802.17	-730552.72	1A	118	19	19	19	-1090		250R		24
GRD	404808.77	-730546.76	1A	100	1	1	1	-294		397R		2
OL ON LOC	404811.87	-730535.37	1A	104	5	5	5	547		0R		-2
TREE	404808.41	-730529.66	1A	122	23	23	23	611		558L		15
TREE	404812.90	-730520.99	1A	147	48	48	48	1404		*708L		24
TREE	404818.43	-730513.74	1A	145	46	46	46	2193		706L		6
TREE	404830.60	-730526.35	1A	161	62	62	62	2379		*850R		19
TREE	404823.24	-730514.02	1A	151	52	52	52	2522		347L		6
TREE	404821.22	-730509.68	1A	169	70	70	70	2614		728L		22

24 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	404823.01	-730510.37	1A	165		66	66	66	2704		562L	16
TREE	404831.69	-730519.16	1A	159		60	60	60	2847		537R	7
TREE	404825.47	-730509.15	1A	170		71	71	71	2947		452L	16
TREE	404822.32	-730504.27	1B	163		64	64	64	2987		*943L	9
TREE	404827.64	-730510.41	1A	172		73	73	73	3034		229L	17
TREE	404830.63	-730507.18	1A	186		87	87	87	3423		190L	23
TREE	404833.48	-730508.34	1A	189		90	90	90	3564		77R	23
TREE	404835.82	-730511.34	1A	179		80	80	80	3568		408R	13
TREE	404837.33	-730512.02	1A	176		77	77	77	3639		552R	8
TREE	404827.29	-730455.44	1B	178		79	79	79	3823		*1068L	7
TREE	404834.66	-730451.99	1A	197		98	98	98	4538		727L	12
OL POLE	404844.39	-730456.50	1A	219		120	120	120	4988		214R	25
OL ON TRMSN TWR	404910.20	-730442.28	1A	241		142	142	142	7608		1289R	-6
OL ON TWR	405041.98	-730157.44	2A	646	314	547	547	547	23137		1096L	24

10 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LT POLE	404736.73	-730640.73	1A	118		28	28	19	918		*367L	-8
LT POLE	404735.51	-730641.69	1A	117		27	27	18	991		244L	-13
TREE	404730.34	-730644.55	1A	128		38	38	29	1211		279R	-12
POLE	404732.22	-730645.10	1A	124		34	34	25	1254		89R	-19

28 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	404733.39	-730520.09	1A	84		2	0	-15	251		30R	-1
TREE	404735.70	-730507.40	1A	134		52	50	35	1227		263R	0
TREE	404730.54	-730507.28	1A	130		48	46	31	1237		259L	-4

15L BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	404800.18	-730603.88	1A	127		36	36	28	789		266R	6
TREE	404805.59	-730601.10	1A	133		42	42	34	1025		273L	1
TREE	404807.93	-730604.91	1A	135		44	44	36	1400		233L	-16
TREE	404804.97	-730611.12	1A	140		49	49	41	1525		317R	-17
TREE	404809.33	-730618.27	1A	140		49	49	41	2227		393R	-53
TREE	404810.28	-730620.18	1A	142		51	51	43	2399		429R	-59
TREE	404812.02	-730621.62	1A	144		53	53	45	2602		383R	-68
TREE	404815.36	-730627.09	1A	151		60	60	52	3138		441R	-87
TREE	404816.55	-730629.26	1A	148		57	57	49	3341		475R	-100

33R BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	404733.39	-730520.09	1A	84		3	-6	-15	334		198R	-4
TREE	404725.71	-730519.23	1A	126		45	36	27	930		305L	8
TREE	404725.65	-730518.53	1A	127		46	37	28	974		271L	6
TREE	404729.13	-730511.00	1A	132		51	42	33	1133		*388R	4
TREE	404724.09	-730507.56	1A	129		48	39	30	1681		215R	-26

15R BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
POST	404809.48	-730632.92	1A	111		13	13	12	460		251R	-1
TREE	404812.70	-730638.62	1A	136		38	38	37	1000		330R	-3
TREE	404816.06	-730640.36	1A	145		47	47	46	1336		185R	-10
TREE	404822.48	-730645.15	1A	174		76	76	75	2055		14L	-17

33L BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	404724.69	-730523.85	1A	117		38	28	18	1316		303R	-17

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
OL ON TWR	404738.24	-730600.48	1A	116		17	19102	472	-6
BUSH	404752.17	-730611.20	1A	96		-3	33332	1233	2
TREE	404745.43	-730533.56	1A	118		19	9701	2111	22
ANT AND APBN ON OL ATCT	404722.84	-730608.33	1A	188		89	20955	2111	-10
LT	404724.63	-730542.65	1A	143		44	15657	2316	-7
TREE	404742.33	-730526.00	1A	136		37	10514	2677	15
TREE	404802.13	-730534.19	1A	141		42	6026	2824	6
TREE	404736.96	-730637.16	1A	126		27	27152	2860	0
TREE	404803.52	-730534.48	1A	128		29	5807	2908	8
TREE	404809.33	-730618.27	1A	140		41	34720	2994	2
ROD ON OL DF	404717.74	-730539.73	1A	164		65	16131	3019	-57
LT POLE	404736.73	-730640.73	1A	118		19	27230	3134	-15
TREE	404810.28	-730620.18	1A	142		43	34543	3146	8
TREE	404738.47	-730519.76	1A	139		40	11205	3189	12
WSK ON OL HGR	404804.27	-730631.58	1A	158		59	32624	3206	16
TREE	404806.02	-730531.83	1A	135		36	5735	3231	21
TREE	404805.03	-730530.43	1A	151		52	6012	3236	16
TREE	404720.63	-730631.91	1A	94		-5	24043	3287	-12
TREE	404812.02	-730621.62	1A	144		45	34529	3354	3
TREE	404725.93	-730522.24	1A	125		26	13404	3428	-5
TREE	404815.13	-730545.95	1A	148		49	3318	3456	5
TREE	404807.37	-730528.62	1A	150		51	5858	3501	25
ROD ON OL STK	404712.22	-730622.59	1A	222		123	22221	3529	-27
TREE	404728.91	-730643.12	1A	125		26	26029	3549	16
TREE	404718.09	-730635.40	1A	94		-5	24040	3659	-11
TREE	404808.08	-730525.46	1A	155		56	6050	3726	13
TREE	404809.71	-730526.01	1A	140		41	5836	3811	19
TREE	404815.36	-730627.09	1A	151		52	34223	3857	6
TREE	404716.30	-730637.72	1A	105		6	24032	3913	0
TREE	404819.01	-730541.57	1A	143		44	3602	3943	-5

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE	PNTR
TREE	404725.95	-730647.03	1A	121		22	25815	3948	12
TREE	404809.08	-730521.94	1A	160		61	6226	3994	1
TREE	404816.55	-730629.26	1A	148		49	34116	4048	1
ANT ON POLE	404737.60	-730508.52	1A	133		34	11135	4056	-12
TREE	404729.13	-730511.00	1A	132		33	12359	4076	2
TREE	404714.62	-730638.74	1A	118		19	23933	4088	4
ANT ON OL MCWV TWR	404702.70	-730548.00	1A	225		126	18023	4186	-24
ROD ON OL ASR	404823.23	-730543.84	1A	211		112	3143	4285	3
TREE	404812.90	-730520.99	1A	147		48	5914	4312	20
TREE	404823.73	-730535.48	1A	144		45	3913	4568	-4
TREE	404708.71	-730640.12	1A	144		45	23509	4596	-19
TREE	404709.35	-730641.89	1A	135		36	23657	4639	-8
TREE	404721.66	-730654.59	1A	127		28	25632	4662	4
LT POLE	404718.17	-730658.09	1A	120		21	25424	5068	6
TREE	404716.19	-730700.36	1A	123		24	25327	5319	12
TREE	404830.60	-730526.35	1A	161		62	4245	5507	15
TREE	404700.77	-730648.27	1A	150		51	23435	5613	-30
POLE	404833.09	-730528.17	1A	175		76	4017	5665	-10
TREE	404822.32	-730504.27	1B	163		64	6127	5901	5
ANT ON OL MCWV TWR	404642.97	-730547.05	1A	193		94	18406	6157	-56
TREE	404825.75	-730456.24	1A	179		80	6251	6592	-5
TREE	404827.29	-730455.44	1B	178		79	6212	6742	3
TRMSN TWR	404905.39	-730519.14	1A	242		143	3459	8942	-7
TRMSN TWR	404853.10	-730724.33	1A	245		146	33153	9578	-4
OL ON TRMSN TWR	404908.54	-730455.72	1A	255		156	4359	10009	6
TRMSN TWR	404850.20	-730737.67	1A	260		161	32626	10093	11
TRMSN TWR	404849.52	-730746.98	1A	263		164	32333	10590	14
TREE	404946.02	-730537.77	1A	278		179	2205	12585	29
TREE	404953.15	-730542.24	1B	288		189	2010	13259	14
TREE	404954.09	-730545.15	1B	286		187	1910	13331	7

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.