

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 02/07/2005

PROJECT NUMBER: 5049
 ARPT IDENTIFIER: GON
 ARPT NAME: GROTON-NEW LONDON AIRPORT
 CITY: GROTON (NEW LONDON)
 STATE: CONNECTICUT
 ARPT ELEVATION: 8.8
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 15+25
 LATITUDE: 411948.2
 LONGITUDE: -720242.5

SITE NUMBER: 02823.A
 SURVEY DATE: 08/04/2004
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 43.0
 DECLINATION: 14.8W

RUNWAY INFORMATION

RUNWAY: 5/23 LENGTH: 5000 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
5	411930.1176	-720252.8977	5.3	335818	7.3				
23	412011.0870	-720216.2705	6.4	2135842	7.5				

PROFILE DATA

DISTANCES FROM APPROACH END 5

DISTANCES FROM APPROACH END 23

DISTANCE	ELEV
0	5.3
1133	5.8
2080	7.3
5000	6.4

DISTANCE	ELEV
0	6.4
2920	7.3
3868	5.8
5000	5.3

RUNWAY: 15/33 LENGTH: 4000 WIDTH: 100 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
15	411959.2183	-720310.8516	8.7	1350259	8.6	307	411957.0693	-720308.0054	8.6
33	411931.2484	-720233.8141	5.8	3150323	8.2	205	411932.6827	-720235.7131	5.9

DISTANCES FROM APPROACH END 15

DISTANCE	ELEV
0	8.7
25	8.8
307	8.6
2835	5.8
3795	5.9
4000	5.8

DISTANCES FROM APPROACH END 33

DISTANCE	ELEV
0	5.8
205	5.9
1165	5.8
3693	8.6
3975	8.8
4000	8.7

PROJECT NUMBER: 5049
 ARPT IDENTIFIER: GON
 ARPT NAME: GROTON-NEW LONDON AIRPORT
 CITY: GROTON (NEW LONDON)
 STATE: CONNECTICUT

DATE GENERATED: 02/07/2005

SITE NUMBER: 02823.A
 SURVEY DATE: 08/04/2004
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
DME (5)	412017.6589	-720214.5288	23.5		
GS (5)	411935.2043	-720244.2305	3.8		
GS (5) PP	411936.6437	-720247.0644	6.0	261R	796
LOC (5)	412015.6589	-720212.1853	9.3		558
VOR/DME(TMU)	411949.4458	-720307.1437	20.0		

VISUAL	LATITUDE	LONGITUDE
ALS (5)		
APBN	411954.1506	-720244.6550
PAPI (5)		
PAPI (33)		
REIL (23)		
REIL (33)		
VASI (23)		

PROJECT NUMBER: 5049
 ARPT IDENTIFIER: GON
 ARPT NAME: GROTON-NEW LONDON AIRPORT
 CITY: GROTON (NEW LONDON)
 STATE: CONNECTICUT

SITE NUMBER: 02823.A
 SURVEY DATE: 08/04/2004
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88

OBSTRUCTION INFORMATION

5 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	412015.30	-720220.20	1A	18		13	11	9	-5186		486L	12
BUSH	412008.37	-720214.07	1A	18		13	11	9	-4867		293R	12
OL ON POLE	412004.30	-720216.01	1A	16		11	9	7	-4442		400R	9
GRD	412007.13	-720224.33	1A	9		4	2	0	-4324		286L	3
BUSH	411959.27	-720219.79	1A	26		21	19	17	-3859		446R	20
OL ON LTD WSK	411939.27	-720251.26	1A	34		29	27	25	-839		414L	28
OL ON GS	411935.20	-720244.23	1A	30		25	23	21	-796		261R	24
ROD ON OL TMOM	411930.86	-720245.11	1A	23		18	16	14	-394		451R	18
BUSH	411929.95	-720244.98	1A	15		10	8	6	-324		*511R	9
BUSH	411928.11	-720248.91	1A	20		15	13	11	-1		366R	15
BUSH	411927.23	-720250.44	1A	19		14	12	10	138		319R	13
BUSH	411926.48	-720251.43	1A	13		8	6	4	243		299R	7
BUSH	411928.16	-720302.40	1A	21		16	14	12	570		490L	8
TREE	411904.04	-720305.53	1A	71		66	64	62	2728		676R	15
BLDG	411909.13	-720320.55	1A	43		38	36	34	2941		563L	-18
TREE	411901.00	-720311.58	1A	76		71	69	67	3241		465R	10
TREE	411900.32	-720312.96	1A	75		70	68	66	3357		416R	7
VESSEL (A5)												

23 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	411927.23	-720250.44	1A	19		13	12	10	-5138		319L	13
BUSH	411928.11	-720248.91	1A	20		14	13	11	-4999		366L	15
BUSH	411929.95	-720244.98	1A	15		9	8	6	-4677		*511L	9
ROD ON OL TMOM	411930.86	-720245.11	1A	23		17	16	14	-4606		451L	18
OL ON GS	411935.20	-720244.23	1A	30		24	23	21	-4204		261L	24
OL ON LTD WSK	411939.27	-720251.26	1A	34		28	27	25	-4162		414R	28

23 C (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	411959.27	-720219.79	1A	26		20	19	17	-1142		446L	20
GRD	412007.13	-720224.33	1A	9		3	2	0	-676		286R	3
OL ON POLE	412004.30	-720216.01	1A	16		10	9	7	-559		400L	9
BUSH	412008.37	-720214.07	1A	18		12	11	9	-134		293L	12
FENCE	412015.30	-720220.20	1A	18		12	11	9	186		486R	12
RD(N)	412015.62	-720220.14	1A	30		24	23	21	216		501R	23
BUSH	412013.22	-720212.41	1A	15		9	8	6	344		124L	5
TREE	412017.49	-720219.13	1A	50		44	43	41	415		*543R	37
POLE	412017.37	-720218.12	1A	37		31	30	28	448		472R	23
OL ON LOC	412015.66	-720212.19	1A	16		10	9	7	558		0R	-1
OL ON DME	412017.66	-720214.53	1A	28		22	21	19	626		262R	9
BUSH	412017.50	-720210.97	1A	24		18	17	15	764		27R	1
TREE	412022.72	-720215.83	1A	69		63	62	60	995		*630R	39
TREE	412023.59	-720213.31	1A	56		50	49	47	1176		521R	21
TREE	412019.19	-720158.82	1A	76		70	69	67	1424		645L	33
TREE	412021.54	-720159.82	1A	63		57	56	54	1579		449L	16
TRSMN TWR	412028.38	-720209.73	1A	51		45	44	42	1730		564R	0
TRSMN TWR	412026.38	-720203.16	1A	51		45	44	42	1843		36R	-4
TREE	412029.95	-720204.58	1A	76		70	69	67	2081		327R	14
VENT ON OL BLDG	412025.27	-720151.56	1A	78		72	71	69	2244		*761L	11
LT ON OL BLDG	412025.57	-720152.07	1A	79		73	72	70	2247		711L	12
TREE	412032.02	-720159.49	1A	71		65	64	62	2472		123R	-2
TREE	412113.29	-720130.16	1A	170		164	163	161	7186		603R	-42
TREE	412120.68	-720131.16	1A	202		196	195	193	7764		1085R	-27
TREE	412124.43	-720114.33	1A	202		196	195	193	8796		232R	-57

15 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	411929.22	-720235.52	1A	11		2	2	2	-4053	-3746	237R	5
BUSH	411934.96	-720233.72	1A	12		3	3	3	-3739	-3432	*270L	6
OL ON GS	411935.20	-720244.23	1A	30		21	21	21	-3155	-2848	*280R	24
OL AMOM	411943.18	-720254.26	1A	29		20	20	20	-2043	-1736	*251R	22
OL ON POLE	411958.63	-720314.66	1A	32		23	23	23	163	470	248R	23
OL ON POLE	412002.38	-720310.30	1A	30		21	21	21	197	504	*256L	21

15 BV (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RR	411959.49	-720314.21	1A	32		23	23	23	200	508	162R	24
OL ON POLE	412001.29	-720311.96	1A	30		21	21	21	208	515	88L	20
TREE	412000.40	-720314.39	1A	37		28	28	28	276	583	107R	24
TREE	412003.94	-720313.40	1A	52		43	43	43	476	783	200L	29
TREE	412002.48	-720319.00	1A	59		50	50	50	673	981	207R	27
TREE	412002.86	-720320.48	1A	61		52	52	52	779	1087	260R	23
TREE	412005.69	-720321.34	1A	69		60	60	60	1029	1336	103R	19
TREE	412007.18	-720321.10	1A	73		64	64	64	1123	1430	16L	18
TREE	412008.85	-720326.02	1A	85		76	76	76	1508	1815	130R	11
TREE	412008.44	-720329.51	1A	88		79	79	79	1666	1973	348R	6
TREE	412013.95	-720325.20	1A	86		77	77	77	1829	2136	279L	-4
TREE	412026.17	-720358.07	1A	176		167	167	167	4475	4782	622R	-47
TREE	412032.27	-720356.67	1A	147		138	138	138	4837	5144	110R	-94

33 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON POLE	412002.38	-720310.30	1A	30		24	22	21	-4197	-3992	*256R	21
OL ON POLE	411958.63	-720314.66	1A	32		26	24	23	-4163	-3958	248L	23
OL AMOM	411943.18	-720254.26	1A	29		23	21	20	-1957	-1752	*251L	22
OL ON GS	411935.20	-720244.23	1A	30		24	22	21	-845	-640	*280L	24
BUSH	411934.96	-720233.72	1A	12		6	4	3	-261	-56	*270R	6
BUSH	411929.22	-720235.52	1A	11		5	3	2	53	258	237L	5
TREE	411920.81	-720214.87	1A	53		47	45	44	1769	1974	277R	-31
TREE	411913.45	-720202.02	1A	134		128	126	125	2989	3194	445R	-11
TREE	411912.81	-720200.81	1A	153		147	145	144	3100	3305	464R	2
TREE	411913.37	-720159.76	1B	156		150	148	147	3116	3321	*561R	4
TREE	411909.91	-720200.02	1A	152		146	144	143	3350	3555	300R	-11
TREE	411907.23	-720159.32	1A	149		143	141	140	3580	3785	146R	-26

ARP	HCT										
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ANT + APBN ON OL ATCT		411954.15	-720244.66	1A	78		69		35932	624	22
LT		411956.73	-720239.83	1A	37		28		2804	887	4
OL AMOM		411943.18	-720254.26	1A	29		20		25516	1031	22
SIGN		411958.64	-720239.57	1A	46		37		2645	1080	0
ROD ON OL WDI		411940.59	-720256.17	1A	40		31		24821	1296	-8
BUSH		411934.96	-720233.72	1A	12		3		16815	1498	3
VENT ON HGR		412002.77	-720236.10	1A	47		38		3306	1554	0
BUSH		411929.95	-720244.98	1A	15		6		20038	1857	8
OL ON VOR/DME		411949.45	-720307.14	1A	41		32		28838	1884	-3
ANT ON HGR		412007.28	-720231.96	1A	50		41		3723	2092	4
BUSH		411957.98	-720217.81	1A	27		18		7704	2128	0
ANT ON BLDG		411930.41	-720302.84	1A	25		16		23534	2377	-1
OL ON POLE		412002.38	-720310.30	1A	30		21		31853	2561	20
TREE		412004.95	-720309.53	1A	65		56		32413	2669	18
TREE		411957.31	-720316.36	1A	42		33		30427	2743	7
TREE		411959.12	-720319.12	1A	48		39		30622	3004	2
POLE		412015.20	-720224.38	1A	45		36		4137	3063	4
TREE		412016.23	-720222.94	1A	44		35		4233	3206	8
TREE		412018.35	-720223.99	1A	78		69		3937	3363	13
TREE		412017.49	-720219.13	1A	50		41		4549	3459	35
TREE		412021.58	-720217.49	1A	91		82		4414	3880	53
TREE		412022.72	-720215.83	1A	69		60		4500	4043	35
TREE		411934.06	-720151.54	2C	173		164		12500	4143	14
TREE		411954.38	-720148.17	2C	168		159		9613	4192	9
TREE		411948.40	-720140.12	2C	193		184		10432	4759	34
TREE		411913.37	-720159.76	1B	156		147		15201	4802	1
TREE		411909.91	-720200.02	1A	152		143		15453	5052	-6
TREE		411907.23	-720159.32	1A	149		140		15619	5296	-10
VENT ON OL BLDG		412025.27	-720151.56	1A	78		69		6048	5402	11
TREE		412042.21	-720325.61	1B	166		157		34346	6380	8
TREE		412010.67	-720401.20	2C	167		158		30533	6420	8
TREE		412015.44	-720401.46	2C	189		180		30924	6625	30
TREE		412026.17	-720358.07	1A	176		167		31829	6928	17
TREE		412032.27	-720356.67	1A	147		138		32303	7205	-12
TREE		412023.37	-720408.72	2C	198		189		31313	7479	39
TREE		412050.64	-720336.53	2C	169		160		34142	7545	10
OL ON SPIPE		412028.73	-720407.07	2C	225		216		31715	7645	66

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		412052.97	-720336.79	1B	174		165		34231	7755	16
TREE		412035.12	-720410.64	2C	196		187		32002	8232	37
TREE		412015.14	-720054.79	2C	195		186		8626	8657	36
TREE		412046.70	-720406.16	2C	175		166		32739	8706	16
LT		412021.05	-720055.19	1A	214		205		8241	8836	55
TREE		412052.00	-720406.04	2C	203		194		33011	9072	44
ROD ON STK		411952.35	-720442.73	1A	207	201	198		28726	9182	48
TREE		412056.37	-720403.32	2C	203		194		33301	9253	44
TREE		412030.98	-720053.36	2C	239		230		7718	9384	80
TREE		412052.12	-720412.23	2C	183		174		32811	9418	25
TREE		412055.34	-720412.00	2C	185		176		32940	9633	26
TREE		412021.22	-720042.56	2C	206		197		8443	9741	47
SPIRE		412030.99	-720045.42	2C	244		235		7855	9926	85
TREE		412055.53	-720417.97	2C	180		171		32754	9974	10
TREE		412113.29	-720130.16	1A	170		161		4726	10228	11
TREE		412130.36	-720305.34	1B	202		193		514	10486	43
ANT ON BLDG		412122.89	-720342.84	1A	210		201		34909	10632	52
TREE		412123.91	-720340.65	2C	209		200		35012	10655	50
ANT		412038.46	-720038.65	2C	303		294		7629	10730	144
TREE		412120.68	-720131.16	1A	202		193		4457	10827	43
ANT ON OL TWR		412036.50	-720035.60	2C	302		293		7759	10845	143
TREE		412134.32	-720304.25	2C	167		158		601	10868	8
OL ON TWR		412036.76	-720034.77	1A	318		309		7801	10913	159
OL ANT		412136.79	-720254.45	1A	273		264		1003	11029	114
TREE		412138.05	-720253.87	2C	185		176		1020	11152	26
TREE		412134.44	-720324.70	2C	188		179		35808	11225	29
OL TK		412049.97	-720038.76	1A	319		310		7116	11322	160
TREE		412055.42	-720040.48	2C	293		284		6837	11529	134
TREE		412124.43	-720114.33	1A	202		193		4925	11836	43
TREE		412145.65	-720256.51	2C	214		205		940	11936	55
TREE		412112.18	-720052.18	2C	224		215		5930	11961	65
TREE		412149.86	-720301.83	2C	239		230		758	12402	57
TREE		412118.89	-720047.67	2C	214		205		5827	12688	55
TREE		412152.77	-720306.37	2C	243		234		635	12739	41
ROD ON OL MON		412117.87	-720445.89	2C	261		252		32846	13075	-60
TREE		412144.17	-720122.90	2C	186		177		4208	13215	24
TREE		412019.35	-715951.30	1B	219		210		9112	13435	12

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		412105.88	-720018.97	2C	225		216		6906	13479	49
TREE		412142.69	-720112.05	2C	196		187		4533	13486	23
TREE		412147.71	-720102.73	2C	225		216		4657	14291	12
VESSEL (HCT)											

ADDITIONAL INFORMATION:

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.