OBSTRUCTION DATA SHEET

ODS 610
JOHN F. KENNEDY INTERNATIONAL AIRPORT
NEW YORK, NEW YORK

DIGITIZED FROM

OC 610
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OBSTRUCTION DATA SHEET

The Obstruction Data Sheet (ODS) provides digital obstruction and runway data for use in aircraft arrival and departure planning. This information has been obtained using field survey and photogrammetric methods by the Photogrammetry Branch of the National Ocean Service in accordance with Federal Aviation Regulations Part 77 (FAR-77), "Objects Affecting Navigable Airspace" and FAA No. 405, "Specifications - Airport Obstruction Chart and Related Products."

The ODS is a derivative of the Airport Obstruction Chart (OC). The source OC is indicated on the ODS cover. All objects, both obstructing and nonobstructing, that carry an elevation on the OC are listed in the ODS. The ODS and the OC depict a representation of objects that existed at the time of the OC field survey.

ODS information is arranged as follows:

1. Objects located in an FAR-77 approach or primary and listed with the associated runway (reference runway).

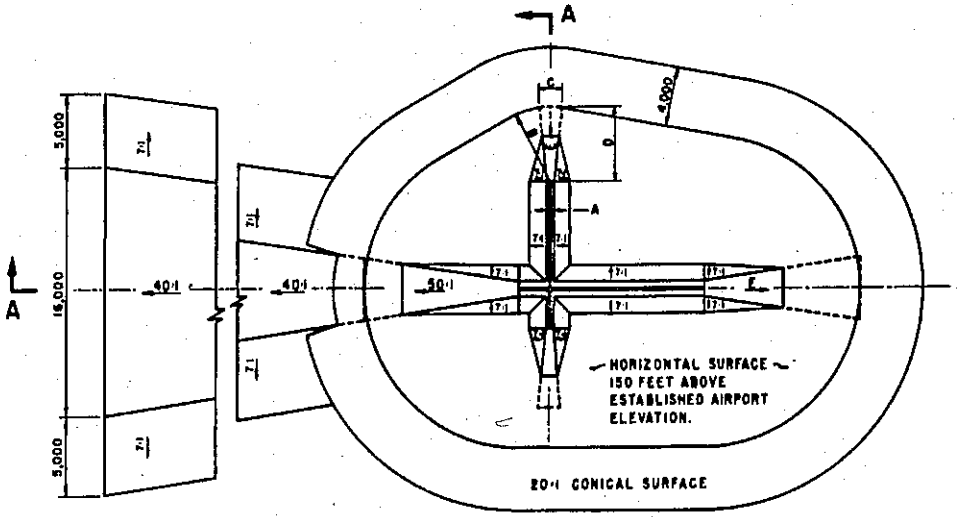
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows:

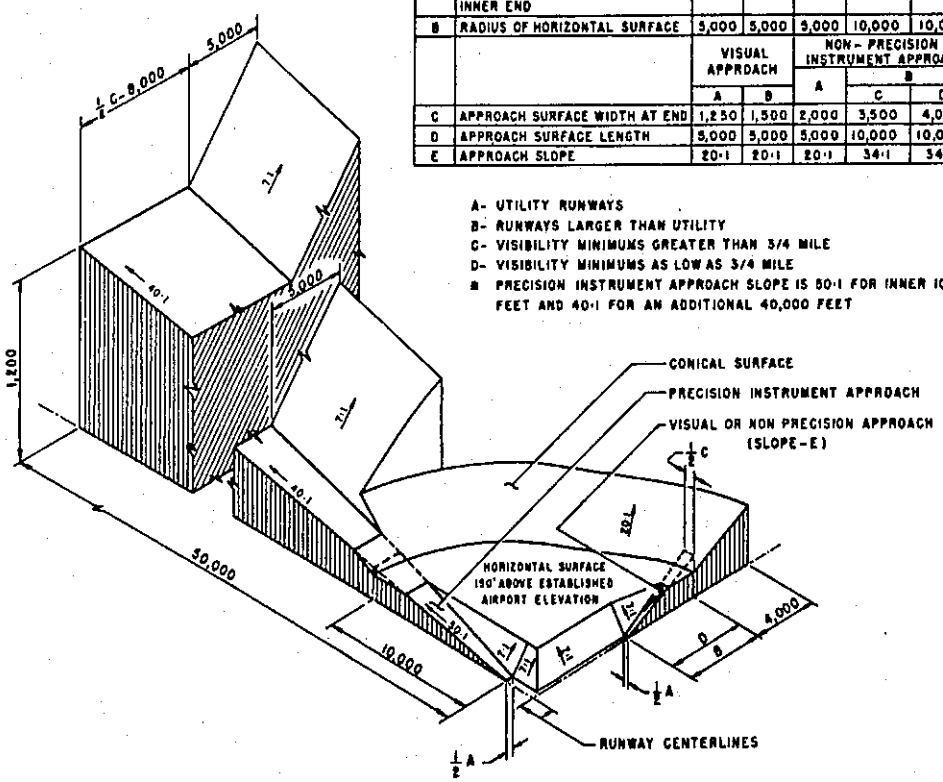
A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C ..... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D ..... Nonutility runway- nonprecision instrument approach with visibility minimums as low as 3/4 mile
PIR ..... Precision instrument runway
SUPLC .... Supplemental C underlying a B(V)

FAR-77 imaginary surface dimensions are defined on page 2 of this report.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	B C	B D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT APPROACH
		A	B	A	B C	B D	
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*

A- UTILITY RUNWAYS
B- RUNWAYS LARGER THAN UTILITY
C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
* PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET



ISOMETRIC VIEW OF SECTION A-A

FAR-77 CIVIL AIRPORT IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

X[1]	X[2]	XXXX/XXXX[3]	XXXXXX.XXX[4]	XXXXXXX.XXX[4]	XXXXXXX[5]	XXXX/XXXX[6]	XXXXXX.XXX[7]	XXXXXXX.XXX[7]

OBJECT	LAT	LONG	A[8]	ELEV[9]	AGL[10]	HAR[11]	HAT[11]	HAA[11]	DEND[12]	DTHR[12]	DCLN[12]	PNTR[13]
XXXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX

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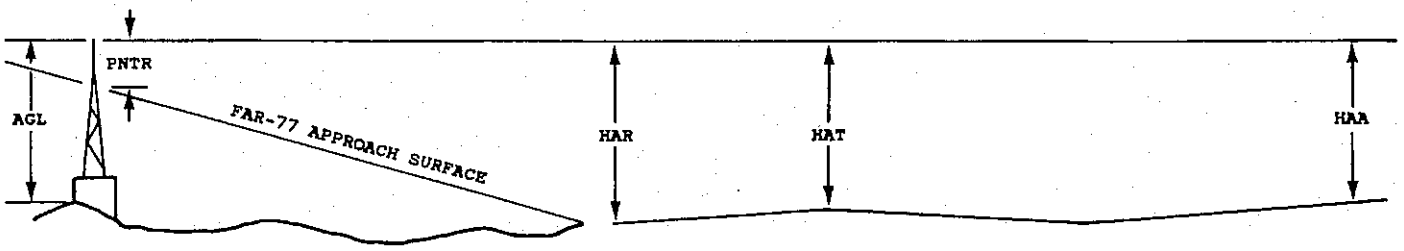

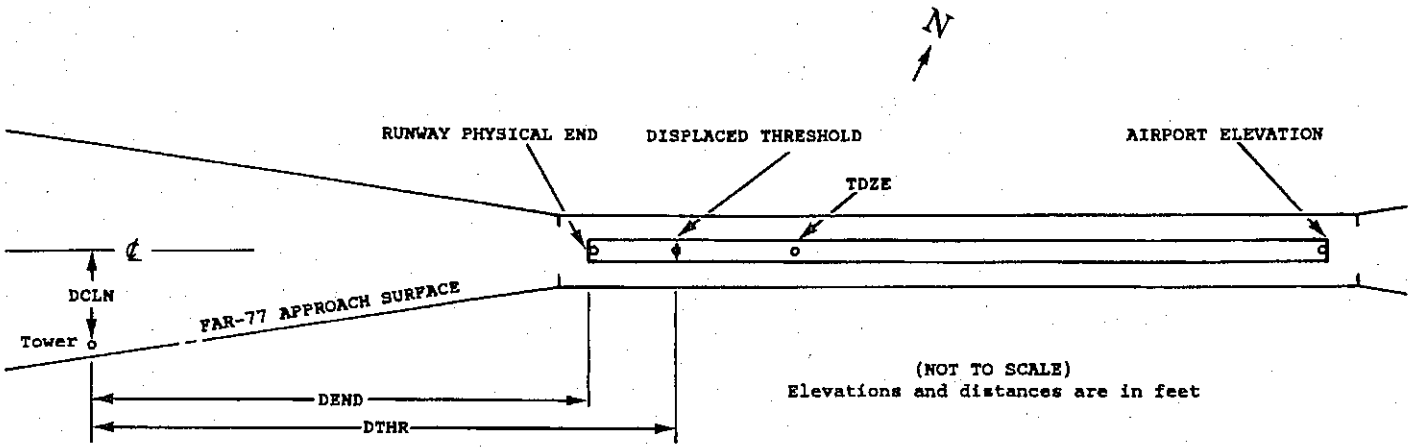

EXPLANATION OF FOOTNOTES

1 Data block identifier. If a runway number is entered (reference runway), this data block will contain data pertinent to the reference runway and to objects in the FAR-77 approach and primary areas of the reference runway. If ARP is entered, this data block will contain the ARP position and data relative to all objects not in an FAR-77 approach or primary area.

2 For the reference runway, the lowest FAR-77 approach surface for which an obstruction survey was performed. (More than one surface may be surveyed).

3 Elevation at approach end of reference runway/touchdown zone elevation

4 Latitude and longitude at approach end of reference runway

5 Geodetic azimuth of reference runway reckoned from north

6 Elevation at reference runway displaced threshold/touchdown zone elevation

7 Latitude and longitude at reference runway displaced threshold

8 Accuracy codes:

Horizontal (Ft.)	Vertical (Ft.)
1 = 20	A = 2
2 = 40	B = 5
	C = 20

9 Elevation above mean sea level (MSL) at top of object. This value includes 15 feet added to noninterstate roads, 17 feet added to interstate roads, and 23 feet added to railroad tracks.

10 Height above ground level (AGL). AGL's are provided only for manmade objects appearing on the OC and equal to or greater than 200 feet AGL. AGL accuracy is 10 feet.

11 HAA - Height above airport
HAR - Height above approach end of reference runway
HAT - Height above reference runway touchdown zone elevation

12 DEND - Distance along reference runway centerline from point nearest to object (perpendicular) to approach end of runway
DTHR - Distance along reference runway centerline from point nearest to object (perpendicular) to displaced threshold
DCLN - Distance left (L) or right (R) of reference runway centerline as observed facing forward in a landing aircraft

A negative value for DEND or DTHR indicates that object is in primary on roll-out side of zero distance point.

13 PNTR - Penetration of indicated FAR-77 approach or primary surface (See footnote 2).

OC0610

AIRPORT ELEVATION 13

13L PIR 12/ 403927.959 -734724.869 1204525. 13/ 13 403922.954 -734713.825

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ELEC EQUIP	403840.41	-734529.46	1A	17		5	4	4	-10105	-9115	415L	5
OL ON GS	403850.33	-734551.02	1A	53		41	40	40	-8164	-7173	428L	40
ROD ON OL TMOM	403851.13	-734551.30	1A	30		18	17	17	-8104	-7113	486L	17
ROD ON OL GS	403914.74	-734704.84	1A	59		47	46	46	-2011	-1020	360R	46
APP LT	403928.99	-734726.93	1A	18		6	5	5	190	1180	8L	6
ROAD(N)	403925.13	-734731.33	1A	26		14	13	13	282	1272	500R	12
OL ON FENCE	403926.43	-734731.59	1A	27		15	14	14	366	1356	398R	11
FENCE	403933.02	-734727.10	1A	23		11	10	10	410	1401	352L	6
OL ON LT	403927.47	-734733.49	1A	30		18	17	17	545	1536	382R	11
OL ON LT	403934.17	-734729.45	1A	31		19	18	18	625	1616	360L	10
OL ON LT	403931.44	-734732.92	1A	31		19	18	18	714	1704	14R	8
OL ON LT	403929.45	-734745.48	1A	67		55	54	54	1442	2433	683R	30
OL ON LT	403933.41	-734745.40	1A	66		54	53	53	1642	2632	336R	25
OL ON LT	403939.96	-734745.30	1A	54		42	41	41	1974	2965	239L	6
OL ON LT	403943.66	-734745.24	1A	66		54	53	53	2161	3152	563L	14
ANT ON OL BLDG	403941.43	-734757.51	1A	80		68	67	67	2859	3849	115R	14
ANT ON OL BLDG	403950.83	-734817.41	1A	108		96	95	95	4663	5654	81R	6
OL ON BLDG	403956.05	-734839.70	1A	107		95	94	94	6409	7400	506R	-30
ANT ON OL BLDG	404019.12	-734958.82	1A	171		159	158	158	12843	13834	1615R	-108

31R PIR 12/ 403837.414 -734533.397 3004638. 13/ 13 403842.591 -734544.810

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
APP LT	403928.99	-734726.93	1A	18		6	5	5	-10190	-9165	8R	6
ROD ON OL GS	403914.74	-734704.84	1A	59		47	46	46	-7989	-6965	360L	46
ROD ON OL TMOM	403851.13	-734551.30	1A	30		18	17	17	-1896	-872	486R	17
OL ON GS	403850.33	-734551.02	1A	53		41	40	40	-1836	-812	428R	40
ELEC EQUIP	403840.41	-734529.46	1A	17		5	4	4	106	1130	415R	5
OL ON GS	403833.32	-734520.81	1A	40		28	27	27	1045	2069	140R	11
ROD ON OL TMOM	403833.96	-734518.04	1A	33		21	20	20	1196	2220	305R	1
DME	403833.54	-734518.24	1A	35		23	22	22	1205	2229	261R	2
ROD ON OL TMOM	403831.71	-734519.45	1A	33		21	20	20	1219	2243	55R	0
BUSH	403824.98	-734519.78	1A	34		22	21	21	1546	2570	544L	-5
TREE	403826.93	-734515.25	1A	38		26	25	25	1745	2769	196L	-5
TREE	403831.09	-734500.79	1A	42		30	29	29	2487	3511	737R	-16
OL AMOM	403824.48	-734505.40	1A	46		34	33	33	2524	3548	20L	-13

OC0610

AIRPORT ELEVATION 13

13R C 12/ 403854.102 -734900.173 1204414. 13/ 13 403840.939 -734831.113

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON FENCE	403739.94	-734616.69	1A	24		12	11	11	-14669	-12063	6R	12
ROD ON MLSDME	403744.45	-734618.88	1A	30		18	17	17	-14290	-11684	300L	18
ROD ON OL TMOM	403755.82	-734702.60	1A	26		14	13	13	-10805	-8199	435R	13
ROD ON OL TMOM	403756.75	-734705.75	1A	26		14	13	13	-10549	-7943	479R	13
OL ON GS	403759.87	-734709.41	1A	51		39	38	38	-10145	-7538	351R	38
OL ON FENCE	403800.93	-734713.45	1A	18		6	5	5	-9822	-7216	419R	5
TANK	403809.33	-734731.43	1A	16		4	3	3	-8196	-5589	397R	3
ROD ON OL TMOM	403814.95	-734744.03	1A	29		17	16	16	-7070	-4464	405R	16
ROD ON OL TMOM	403816.05	-734747.00	1A	28		16	15	15	-6817	-4211	426R	15
ROD ON OL TMOM	403831.57	-734821.51	1A	30		18	17	17	-3728	-1121	436R	17
GROUND	403850.19	-734903.22	1A	15		3	2	2	0	2606	461R	3
BUSH	403854.11	-734912.51	1A	29		17	16	16	818	3424	485R	-1
OL ON LOC	403859.64	-734912.42	1A	21		9	8	8	1098	3704	0R	-18
ANT ON OL BLDG	403857.58	-734914.29	1A	22		10	9	9	1115	3722	254R	-17
TREE	403900.89	-734926.20	1A	91		79	78	78	2075	4682	435R	24
TREE	403906.45	-734932.85	1A	71		59	58	58	2804	5410	213R	-18
TREE	403919.29	-734933.10	1A	83		71	70	70	3484	6091	894L	-26

31L PIR 12/ 403740.479 -734617.739 3004600. 13/ 13 403757.279 -734654.782

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	403850.19	-734903.22	1A	15		3	2	2	-14571	-11247	461L	3
ROD ON OL TMOM	403831.57	-734821.51	1A	30		18	17	17	-10844	-7520	436L	17
ROD ON OL TMOM	403816.05	-734747.00	1A	28		16	15	15	-7755	-4431	426L	15
ROD ON OL TMOM	403814.95	-734744.03	1A	29		17	16	16	-7501	-4177	405L	16
TANK	403809.33	-734731.43	1A	16		4	3	3	-6376	-3052	397L	3
OL ON FENCE	403800.93	-734713.45	1A	18		6	5	5	-4750	-1426	419L	5
OL ON GS	403759.87	-734709.41	1A	51		39	38	38	-4427	-1103	351L	38
ROD ON OL TMOM	403756.75	-734705.75	1A	26		14	13	13	-4023	-699	479L	13
ROD ON OL TMOM	403755.82	-734702.60	1A	26		14	13	13	-3766	-442	435L	13
ROD ON MLSDME	403744.45	-734618.88	1A	30		18	17	17	-281	3042	300R	18
OL ON FENCE	403739.94	-734616.69	1A	24		12	11	11	98	3422	6L	12
OL ON GS	403742.10	-734611.03	1A	45		33	32	32	361	3685	406R	30
ROD ON OL TMOM	403733.64	-734605.37	1A	29		17	16	16	1174	4498	107L	-2
ROD ON OL TMOM	403731.49	-734606.74	1A	29		17	16	16	1194	4518	347L	-3
TREE	403713.79	-734523.83	1A	99		87	86	86	4954	8278	194L	-8
TRMSN TWR	403706.50	-734506.12	1A	111		99	98	98	6505	9828	129L	-27

OC0610

AIRPORT ELEVATION 13

4L PIR 12/ 12 403719.264 -734708.107 304517.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL TMOM	403851.13	-734551.30	1A	30		18	18	17	-11018		334R	17
OL ON GS	403850.33	-734551.02	1A	53		41	41	40	-10959		393R	40
OL ON GS	403821.28	-734613.92	1A	41		29	29	28	-7530		380R	29
OL ON FENCE	403748.36	-734649.48	1A	19		7	7	6	-3265		271L	7
OL ON LOC	403744.50	-734643.09	1A	17		5	5	4	-3181		352R	5
ROD ON OL TMOM	403733.92	-734700.70	1A	29		17	17	16	-1566		268L	17
ROD ON OL TMOM	403731.73	-734702.46	1A	29		17	17	16	-1307		271L	17
OL ON GS	403730.93	-734703.37	1A	42		30	30	29	-1201		290L	30
BUSH	403716.12	-734705.99	1A	14		2	2	1	190		303R	2

22R PIR 12/ 403855.647 -734552.802 2104606. 13/ 13 403829.998 -734612.849

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	403716.12	-734705.99	1A	14		2	1	1	-11541	-8520	303L	2
OL ON GS	403730.93	-734703.37	1A	42		30	29	29	-10150	-7129	290R	30
ROD ON OL TMOM	403731.73	-734702.46	1A	29		17	16	16	-10044	-7023	271R	17
ROD ON OL TMOM	403733.92	-734700.70	1A	29		17	16	16	-9785	-6764	268R	17
OL ON LOC	403744.50	-734643.09	1A	17		5	4	4	-8170	-5149	352L	5
OL ON FENCE	403748.36	-734649.48	1A	19		7	6	6	-8087	-5066	271R	7
OL ON GS	403821.28	-734613.92	1A	41		29	28	28	-3821	-800	380L	29
OL ON GS	403850.33	-734551.02	1A	53		41	40	40	-392	2629	393L	40
ROD ON OL TMOM	403851.13	-734551.30	1A	30		18	17	17	-334	2687	334L	17
OL ON FENCE	403859.48	-734554.58	1A	22		10	9	9	263	3284	316R	8
ELEC EQUIP	403858.27	-734547.24	1A	20		8	7	7	447	3468	233L	3
OL ON LOC	403903.57	-734546.62	1A	21		9	8	8	932	3953	0R	-6
OL ON ANT	403903.97	-734547.28	1A	27		15	14	14	942	3963	65R	0
OL ON MM	403904.40	-734546.76	1A	28		16	15	15	999	4020	53R	0
TREE	403903.14	-734541.81	1A	29		17	16	16	1085	4106	340L	-1
TREE	403910.95	-734547.19	1A	46		34	33	33	1552	4573	421R	7
TREE	403910.23	-734538.69	1A	79		67	66	66	1824	4845	180L	34
TREE	403911.78	-734541.53	1A	67		55	54	54	1847	4868	88R	22
TREE	403920.89	-734531.58	1A	78		66	65	65	3032	6053	99L	9
TREE	403925.35	-734530.37	1A	83		71	70	70	3467	6488	53R	5

OC0610

AIRPORT ELEVATION 13

4R PIR 13/ 13 403731.532 -734613.250 304558.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL TMOM	403833.96	-734518.04	1A	33		20	20	20	-7606		425R	20
DME	403833.54	-734518.24	1A	35		22	22	22	-7562		434R	22
OL ON GS	403833.32	-734520.81	1A	40		27	27	27	-7441		275R	27
ROD ON OL TMOM	403831.71	-734519.45	1A	33		20	20	20	-7355		448R	20
GROUND	403826.56	-734525.97	1A	15		2	2	2	-6650		283R	2
BUSH	403822.96	-734528.83	1A	25		12	12	12	-6224		280R	12
BUSH	403816.38	-734532.06	1A	27		14	14	14	-5524		407R	14
ROD ON OL TMOM	403805.78	-734540.20	1A	34		21	21	21	-4281		416R	21
ROD ON OL TMOM	403803.74	-734542.15	1A	34		21	21	21	-4028		392R	21
OL ON GS	403742.10	-734611.03	1A	45		32	32	32	-1007		400L	32
ROD ON OL TMOM	403733.64	-734605.37	1A	29		16	16	16	-494		413R	16
ROD ON OL TMOM	403731.49	-734606.74	1A	29		16	16	16	-254		433R	16
ANT ON BLDG	403725.51	-734611.84	1A	21		8	8	8	468		405R	3
OL ON LOC	403727.51	-734616.39	1A	17		4	4	4	473		0R	-1

22L PIR 13/ 13 403842.849 -734517.509 2104634.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL TMOM	403731.49	-734606.74	1A	29		16	16	16	-8146		433L	16
ROD ON OL TMOM	403733.64	-734605.37	1A	29		16	16	16	-7906		413L	16
OL ON GS	403742.10	-734611.03	1A	45		32	32	32	-7393		400R	32
ROD ON OL TMOM	403803.74	-734542.15	1A	34		21	21	21	-4372		392L	21
ROD ON OL TMOM	403805.78	-734540.20	1A	34		21	21	21	-4119		416L	21
BUSH	403816.38	-734532.06	1A	27		14	14	14	-2876		407L	14
BUSH	403822.96	-734528.83	1A	25		12	12	12	-2176		280L	12
GROUND	403826.56	-734525.97	1A	15		2	2	2	-1750		283L	2
ROD ON OL TMOM	403831.71	-734519.45	1A	33		20	20	20	-1045		448L	20
OL ON GS	403833.32	-734520.81	1A	40		27	27	27	-959		275L	27
DME	403833.54	-734518.24	1A	35		22	22	22	-838		434L	22
ROD ON OL TMOM	403833.96	-734518.04	1A	33		20	20	20	-794		425L	20
TREE	403844.96	-734509.56	1A	32		19	19	19	497		417L	13
FENCE	403848.74	-734517.60	1A	20		7	7	7	508		311R	1
BLDG	403851.06	-734519.49	1A	23		10	10	10	636		557R	2
BUSH	403852.81	-734513.71	1A	34		21	21	21	1016		264R	5
OL ON LOC	403851.57	-734510.68	1A	20		7	7	7	1027		0R	-9
OL ON DME	403853.29	-734513.18	1A	34		21	21	21	1078		254R	4
TREE	403851.43	-734505.77	1A	41		28	28	28	1209		333L	8
TREE	403856.51	-734514.93	1A	65		52	52	52	1289		537R	31
TREE	403902.97	-734512.16	1A	76		63	63	63	1961		688R	28
TREE	403905.17	-734508.32	1A	70		57	57	57	2303		548R	15
TREE	403930.61	-734449.17	1A	99		86	86	86	5270		596R	-15

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OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
ROD ON OL ATCT	403833.02	-734652.68	1A	338	323	325	34001	1201
ANT ON OL ATCT	403837.33	-734654.67	1A	197		184	34352	1654
ROD ON OL TWR	403805.07	-734647.22	1A	62		49	20043	1841
OL AMOM	403802.06	-734626.96	1A	32		19	16125	2507
OL ON LT	403847.46	-734620.99	1A	83		70	4911	3043
OL VORTAC	403758.38	-734617.00	1A	48		35	15323	3261
ROD ON OL ASR	403822.41	-734559.15	1A	118		105	10427	3468
ANT ON OL TWR	403819.36	-734558.53	1A	70		57	10926	3536
ANT ON TWR	403834.31	-734728.26	1A	85		72	30144	3586
OL ON DME	403743.82	-734640.58	1A	28		15	18921	3985
LIGHT	403900.69	-734608.68	1A	45		32	4859	4684
OL ON BLAST FENCE	403835.41	-734543.06	1A	27		14	8828	4870
OL BLDG	403904.01	-734608.07	1A	74		61	4710	4987
OL ON HANGAR	403910.17	-734620.52	1A	88		75	3412	5100
ROD ON OL TMOM	403850.26	-734548.16	1A	30		17	7047	5116
FENCE	403828.79	-734537.31	1A	20		7	9654	5183
OL ON FENCE	403900.50	-734557.17	1A	22		9	5701	5237
GROUND	403747.97	-734552.84	1A	17		4	14515	5318
LIGHT	403913.59	-734710.71	1A	43		30	35127	5505
ANT ON OL TWR	403807.24	-734532.23	1A	56		43	11926	5771
ANT ON OL BLDG	403910.86	-734601.73	1A	81		68	4722	5835
ANT ON OL BLDG	403922.06	-734651.43	1A	58		45	754	5993
FENCE	403918.57	-734717.52	1A	18		5	34840	6176
OL LT	403919.02	-734721.88	1A	44		31	34605	6363
OL ON LT	403858.72	-734533.53	1A	53		40	6946	6528
TREE	403821.64	-734518.19	1A	38		25	10434	6627
OL ON FENCE	403922.57	-734727.32	1A	26		13	34421	6877
OL ON HANGAR	403930.02	-734707.75	1A	99		86	35815	7012
ANT ON OL BLDG	403928.60	-734610.02	1A	125		112	3456	7131
TREE	403857.40	-734516.78	1A	52		39	7601	7576
TREE	403926.21	-734737.59	1A	52		39	34028	7600
TREE	403844.20	-734507.20	1A	33		20	8720	7771
ROD ON OL TMOM	403832.25	-734824.65	1A	30		17	29007	7804
OL ON POLE	403833.52	-734827.43	1A	37		24	29050	8032
OL ON BLDG	403936.64	-734724.14	1A	55		42	35047	8056
TREE	403936.28	-734726.83	1A	43		30	34920	8105
LIGHT	403939.64	-734729.81	1A	58		45	34851	8508
OL ON HANGAR	403854.84	-734830.50	1A	86		73	30442	8806
LIGHT	403856.71	-734839.77	1A	67		54	30411	9541
TRMSN TWR	403705.02	-734534.66	1A	140		127	15909	9546
BUSH	403841.51	-734846.03	1A	21		8	29431	9580

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AIRPORT ELEVATION 13

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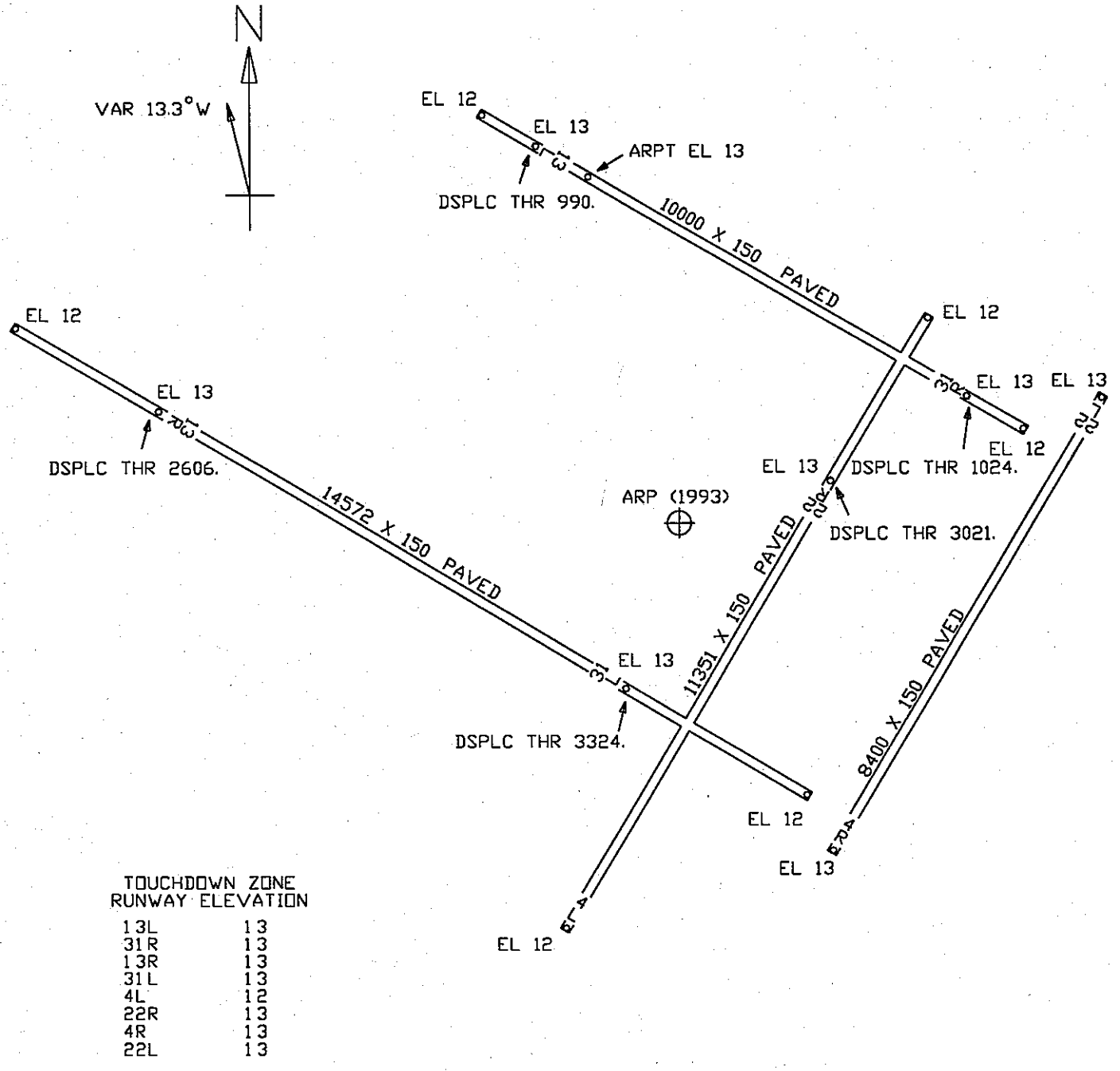
OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
TRMSN TWR	403656.12	-734540.17	1A	151		138	16402	10090
BUSH	403850.90	-734906.55	1A	25		12	29740	11333
ANT ON OL BLDG	404002.04	-734755.06	1A	186		173	34440	11408
OL STACK	403638.65	-734540.21	1A	277	260	264	16817	11664
OL TANK	403648.04	-734515.72	1A	227	215	214	15758	11792
ANT ON BLDG	404022.37	-734626.63	1A	171		158	1940	12145
OL ON HANGAR	403915.20	-734910.68	1A	110		97	30819	12466
TANK	403855.16	-734924.07	1A	49		36	29803	12749
OL ON BLDG	403547.86	-734618.92	1A	185		172	18614	15831
OL BLDG	403549.11	-734551.28	1A	211	204	198	17838	16108
ANT ON OL BLDG	403538.93	-734505.84	1A	306	297	293	16846	18262
ANT ON OL BLDG	403543.80	-734432.53	1A	291	284	278	16105	19050



TOUCHDOWN ZONE RUNWAY	ELEVATION
13L	13
31R	13
13R	13
31L	13
4L	12
22R	13
4R	13
22L	13

JOHN F. KENNEDY INTERNATIONAL AIRPORT

NEW YORK, NEW YORK

(NOT TO SCALE)

(ELEVATIONS AND DISTANCES IN FEET)