

OBSTRUCTION DATA SHEET

**ODS 891
MILLVILLE MUNICIPAL AIRPORT
MILLVILLE, NEW JERSEY**

DIGITIZED FROM

**OC 891
SURVEYED JUNE 1991
6TH EDITION**



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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 Nr. 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 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 FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the physical end and threshold of Runway 9R. Objects in the Runway 27L approach or primary are listed with Runway 27L. (Objects in the common 9R/27L primary area are listed with both runways.)
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 (see footnote 2 on page 3):

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.

Primary surface width is determined by the widest approach at the two approach/primary interfaces for that runway.

ANNOTATION OF ODS DATA FORMAT

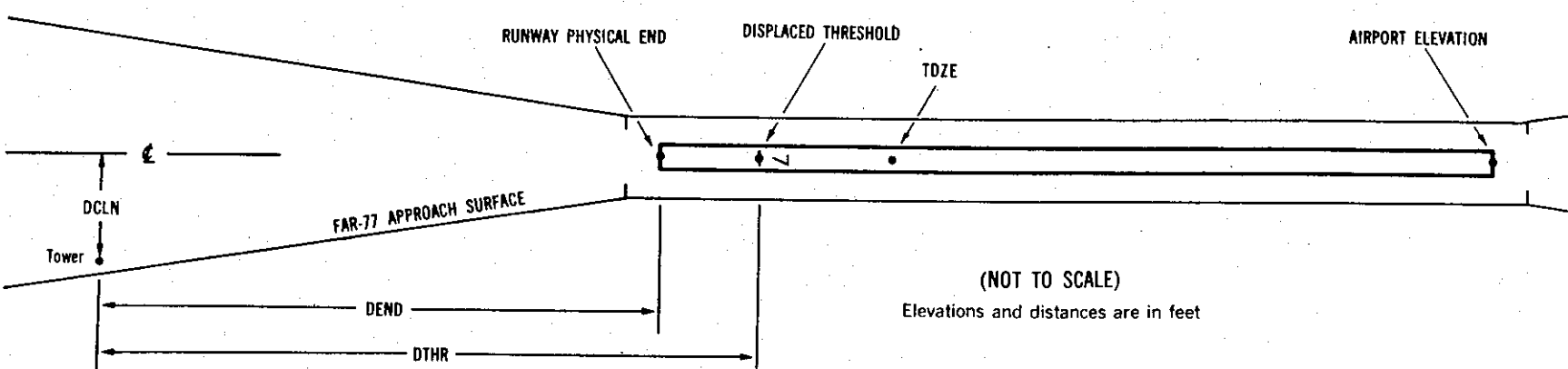
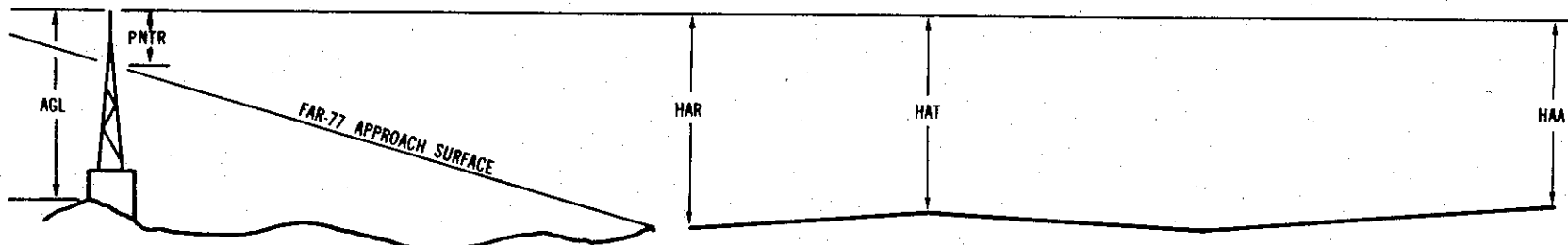
OC XXXX

AIRPORT ELEVATION XXXX

x¹ x² XXXX/XXXX³ XXXXXX.XXX⁴ XXXXXXXX.XXX⁴ XXXXXXXX⁵ XXXX/XXXX⁶ XXXXXX.XXX⁷ XXXXXXXX.XXX⁷

OBJECT LAT LONG A⁸ ELEV⁹ AGL¹⁰ HAR¹¹ HAT¹¹ HAA¹¹ DEND¹² DTHR¹² DCLN¹² PNTR¹³

XXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXXX	XXXXXX	XXXX	XXXX
XXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXXX	XXXXXX	XXXX	XXXX



(NOT TO SCALE)
Elevations and distances are in feet

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 area 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 Reference runway approach physical end elevation/touchdown zone elevation
- ⁴ Latitude and longitude of reference runway approach physical end
- ⁵ Reference runway geodetic azimuth reckoned clockwise from south
- ⁶ Reference runway displaced threshold elevation/touchdown zone elevation
- ⁷ Latitude and longitude of reference runway displaced threshold
- ⁸ Accuracy Code:
- | | Horizontal | Vertical |
|---|------------|----------|
| 1 | = 20 | A = 2 |
| 2 | = 40 | B = 5 |
| | | C = 20 |
- ⁹ Mean Sea Level (MSL) elevation 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). AGLs are provided only for those objects appearing on the OC that are equal to, or greater than, 200 feet AGL. AGL accuracy is ± 10 feet.
- ¹¹ HAA - Height above airport
 HAR - Height above reference runway approach physical end
 HAT - Height above reference runway touchdown zone elevation
- ¹² DEND - Distance along reference runway centerline from point perpendicular to object to reference runway approach physical end
 DTHR - Distance along reference runway centerline from point perpendicular to object to reference runway 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 object is in primary area on roll-out side of zero distance point.
- ¹³ PNTR - Penetration of indicated FAR-77 approach or primary surface (see footnote 2).

OC0891

AIRPORT ELEVATION 85

1 SUPLC 67/70 392141.218N 0750435.726W 1800200

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	392233.40	0750437.37	1A	122		55	52	37	-5279		133L	48
TREE	392206.38	0750438.84	1A	80		13	10	-5	-2546		246L	10
TREE	392148.69	0750438.93	1A	116		49	46	31	-756		252L	48
TREE	392141.76	0750433.90	1A	112		45	42	27	-55		144R	45
TREE	392140.15	0750433.73	1A	118		51	48	33	108		157R	51
TREE	392139.61	0750438.54	1A	113		46	43	28	163		221L	46
TREE	392139.27	0750434.18	1A	108		41	38	23	197		121R	41
TREE	392138.45	0750435.81	1A	98		31	28	13	280		7L	29
TREE	392134.45	0750434.93	1A	126		59	56	41	684		63R	45
TREE	392133.56	0750438.35	1A	134		67	64	49	775		206L	50

19 C 74/ 392231.580N 0750435.688W 0000201 73/73 392226.596N 0750435.692W

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	392139.27	0750434.18	1A	108		34	35	23	-5293	-4788	121L	41
TREE	392139.61	0750438.54	1A	113		39	40	28	-5259	-4754	221R	46
TREE	392140.15	0750433.73	1A	118		44	45	33	-5204	-4699	157L	51
TREE	392141.76	0750433.90	1A	112		38	39	27	-5041	-4537	144L	45
TREE	392148.69	0750438.93	1A	116		42	43	31	-4339	-3835	252R	48
TREE	392206.38	0750438.84	1A	80		6	7	-5	-2550	-2045	246R	10
TREE	392233.40	0750437.37	1A	122		48	49	37	184	688	133R	48
TREE	392233.77	0750432.55	1A	132		58	59	47	222	726	247L	57
TREE	392234.58	0750433.67	1A	139		65	66	54	304	808	158L	62
TREE	392236.22	0750436.40	1A	131		57	58	46	469	974	56R	49
TREE	392239.61	0750438.11	1A	140		66	67	55	812	1316	191R	48

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AIRPORT ELEVATION 85

10 PIR 74/74 392200.921N 0750458.011W 2700128

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	392155.85	0750339.48	1A	104		30	30	19	-6168		510R	19
GROUND	392205.08	0750341.64	1A	87		13	13	2	-5997		424L	2
TREE	392155.93	0750343.37	1A	109		35	35	24	-5862		501R	25
GROUND	392158.21	0750350.88	1A	82		8	8	-3	-5272		271R	1
TREE	392155.92	0750351.72	1A	107		33	33	22	-5207		503R	26
TREE	392155.78	0750355.62	1A	110		36	36	25	-4900		518R	30
TREE	392156.46	0750414.84	1A	94		20	20	9	-3391		450R	21
WINDSOCK	392205.94	0750429.83	1A	83		9	9	-2	-2213		509L	17
OL ON GLIDE SLOPE	392158.11	0750442.10	1A	90		16	16	5	-1250		284R	29
BUSH	392155.85	0750443.43	1A	74		0	0	-11	-1146		513R	12
GROUND	392203.56	0750459.63	1A	77		3	3	-8	127		267L	3
GROUND	392159.56	0750504.33	1A	82		8	8	-3	496		138R	2
OL ON BUILDING	392156.81	0750512.64	1A	96		22	22	11	1149		417R	3
APPROACH LIGHT	392200.92	0750521.70	1A	108		34	34	23	1861		OR	1
TREE	392208.50	0750522.28	1A	131		57	57	46	1906		766L	23
ANTENNA	392204.60	0750528.58	1A	129		55	55	44	2401		372L	11
TREE	392204.62	0750532.58	1A	138		64	64	53	2715		373L	14
TREE	392157.04	0750533.20	1A	140		66	66	55	2764		394R	15
TREE	392159.84	0750533.50	1A	142		68	68	57	2787		110R	16
TREE	392154.39	0750536.59	1A	142		68	68	57	3029		662R	11
TREE	392209.00	0750539.82	1A	145		71	71	60	3284		816L	9

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AIRPORT ELEVATION 85

28 C 85/85 392200.888N 0750341.598W 0900217

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	392203.56	0750459.63	1A	77		-8	-8	-8	-6129		267R	3
BUSH	392155.85	0750443.43	1A	74		-11	-11	-11	-4856		513L	12
OL ON GLIDE SLOPE	392158.11	0750442.10	1A	90		5	5	5	-4751		284L	29
WINDSOCK	392205.94	0750429.83	1A	83		-2	-2	-2	-3788		509R	17
TREE	392156.46	0750414.84	1A	94		9	9	9	-2611		450L	21
TREE	392155.78	0750355.62	1A	110		25	25	25	-1101		518L	30
TREE	392155.92	0750351.72	1A	107		22	22	22	-795		503L	26
GROUND	392158.21	0750350.88	1A	82		-3	-3	-3	-729		271L	1
TREE	392155.93	0750343.37	1A	109		24	24	24	-139		501L	25
GROUND	392205.08	0750341.64	1A	87		2	2	2	-4		424R	2
TREE	392155.85	0750339.48	1A	104		19	19	19	167		510L	19
TREE	392155.55	0750334.16	1A	103		18	18	18	585		539L	7
ROD ON BUILDING	392203.35	0750328.78	1A	87		2	2	2	1007		250R	-22
TREE	392153.20	0750259.40	1A	140		55	55	55	3314		775L	-37
TREE	392204.68	0750253.14	1A	137		52	52	52	3806		386R	-54

14 C 82/82 392224.612N 0750445.936W 3150121

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	392147.82	0750358.61	1A	84		2	2	-1	-5261		2R	1
TREE	392150.78	0750406.87	1A	101		19	19	16	-4590		249R	24
TREE	392155.10	0750412.60	1A	97		15	15	12	-3963		259R	22
TREE	392218.54	0750442.74	1A	123		41	41	38	-612		256R	47
TREE	392219.74	0750444.17	1A	114		32	32	29	-447		251R	36
ROAD (N)	392231.18	0750454.39	1A	92		10	10	7	939		OL	-12
TREE	392230.81	0750500.72	1A	135		53	53	50	1264		378R	22
TREE	392241.13	0750503.62	1A	126		44	44	41	2164		199L	-14

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AIRPORT ELEVATION 85

32 C 83/83 392149.251N 07504 0.423W 1350150

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	392219.74	0750444.17	1A	114		31	31	29	-4611		251L	36
TREE	392218.54	0750442.74	1A	123		40	40	38	-4446		256L	47
TREE	392155.10	0750412.60	1A	97		14	14	12	-1094		259L	22
TREE	392150.78	0750406.87	1A	101		18	18	16	-467		249L	24
GROUND	392147.82	0750358.61	1A	84		1	1	-1	203		2L	1
TREE	392145.91	0750349.92	1A	136		53	53	51	822		345R	35
TREE	392138.95	0750349.65	1A	130		47	47	45	1336		138L	14
TREE	392137.55	0750350.97	1A	132		49	49	47	1362		311L	15
TREE	392140.68	0750346.37	1A	129		46	46	44	1394		168R	11

OC0891

AIRPORT ELEVATION 85

ARP 392204.525N 0750425.876W

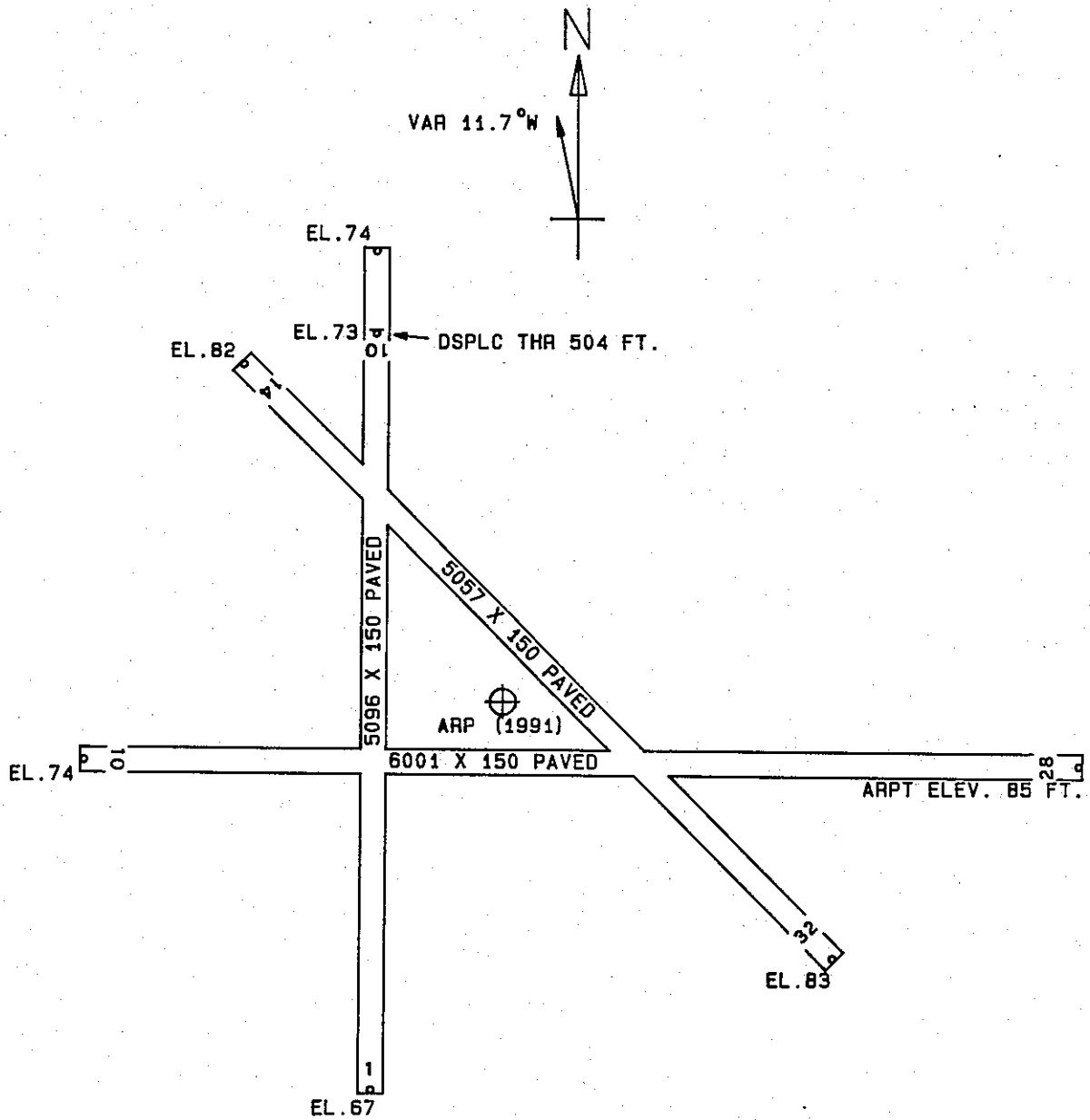
OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
OL ON ANEMOMETER	392206.61	0750430.41	1A	97		12	312 23	414
TREE	392212.92	0750439.34	1A	129		44	320 30	1356
TREE	392215.31	0750440.36	1A	129		44	325 30	1576
TREE	392151.70	0750412.46	1A	129		44	152 37	1671
TREE	392153.25	0750442.18	1A	115		30	240 0	1714
TREE	392206.40	0750447.90	1A	90		5	287 58	1740
TREE	392209.40	0750447.75	1A	134		49	297 42	1787
TREE	392206.36	0750452.21	1A	91		6	286 50	2077
TREE	392208.35	0750452.01	1A	130		45	292 23	2089
TREE	392209.05	0750358.53	1A	133		48	89 40	2196
TREE	392153.50	0750450.02	1A	117		32	251 14	2200
OL ON AIRPORT BEACON	392226.80	0750424.42	1A	128		43	14 36	2257
TREE	392206.21	0750357.09	1A	109		24	97 23	2267
TREE	392147.67	0750405.82	1A	126		41	148 58	2322
TREE	392153.51	0750454.75	1A	125		40	255 32	2527
TREE	392222.44	0750449.81	1A	124		39	325 40	2611
TREE	392144.82	0750402.18	1A	140		55	148 40	2727
TREE	392206.98	0750350.77	1A	114		29	96 32	2768
TREE	392151.16	0750354.84	1A	139		54	130 43	2787
TREE	392227.98	0750445.34	1A	92		7	338 55	2823
TREE	392153.20	0750352.30	1A	147		62	125 11	2875
TREE	392230.87	0750439.80	1A	132		47	349 24	2881
TREE	392223.36	0750453.53	1A	137		52	322 59	2890
GROUND	392206.06	0750348.54	1A	89		4	98 39	2936
TREE	392208.88	0750503.26	1A	128		43	290 14	2969
TREE	392230.97	0750444.34	1A	126		41	343 14	3043
TREE	392207.92	0750346.09	1A	131		46	95 25	3143
TREE	392147.20	0750351.36	1A	136		51	134 35	3228
TREE	392225.87	0750457.05	1A	145		60	323 7	3265
TREE	392234.11	0750449.63	1A	126		41	339 46	3527
TREE	392206.88	0750339.51	1A	104		19	97 58	3649
TREE	392209.42	0750512.55	1A	142		57	289 24	3699
TREE	392208.37	0750514.22	1A	139		54	287 33	3816

OC0891 File Continued from Previous Page

AIRPORT ELEVATION 85

ARP 392204.525N 0750425.876W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	392236.88	0750452.04	1A	128		43	339 35	3865
TREE	392152.06	0750514.02	1A	141		56	263 15	3986
TREE	392207.91	0750334.07	1A	131		46	96 53	4083
TREE	392154.08	0750322.81	1A	134		49	113 44	5065
TREE	392210.59	0750535.58	1A	154		69	288 6	5509



TOUCHDOWN ZONE RUNWAY ELEVATION	
1	70
19	73
10	74
28	85
14	82
32	83

MILLVILLE MUNICIPAL AIRPORT
 MILLVILLE, NEW JERSEY
 (NOT TO SCALE)