

OBSTRUCTION DATA SHEET

ODS 5272
DANBURY MUNICIPAL AIRPORT
DANBURY, CONNECTICUT

DIGITIZED FROM

OC 5272
SURVEYED AUGUST 1993
5TH EDITION

HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD 29



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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.

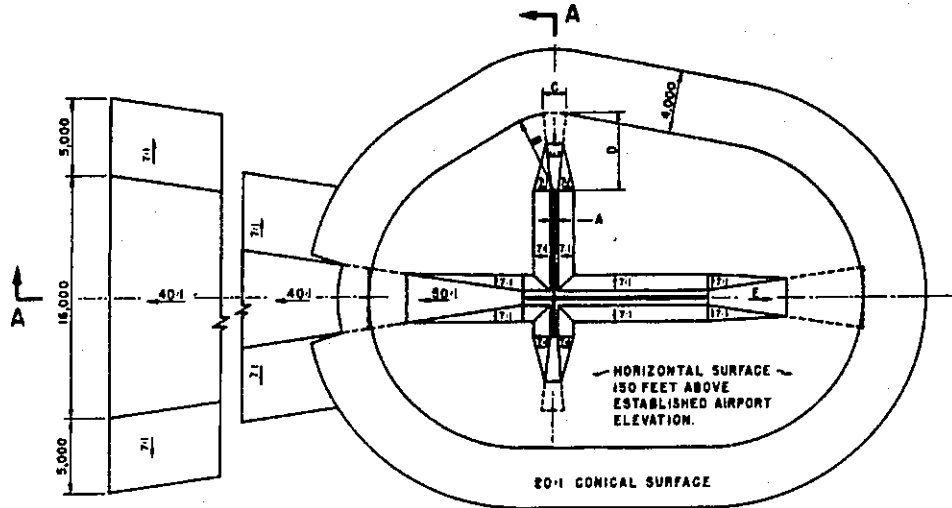
ODS information is arranged as follows:

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.

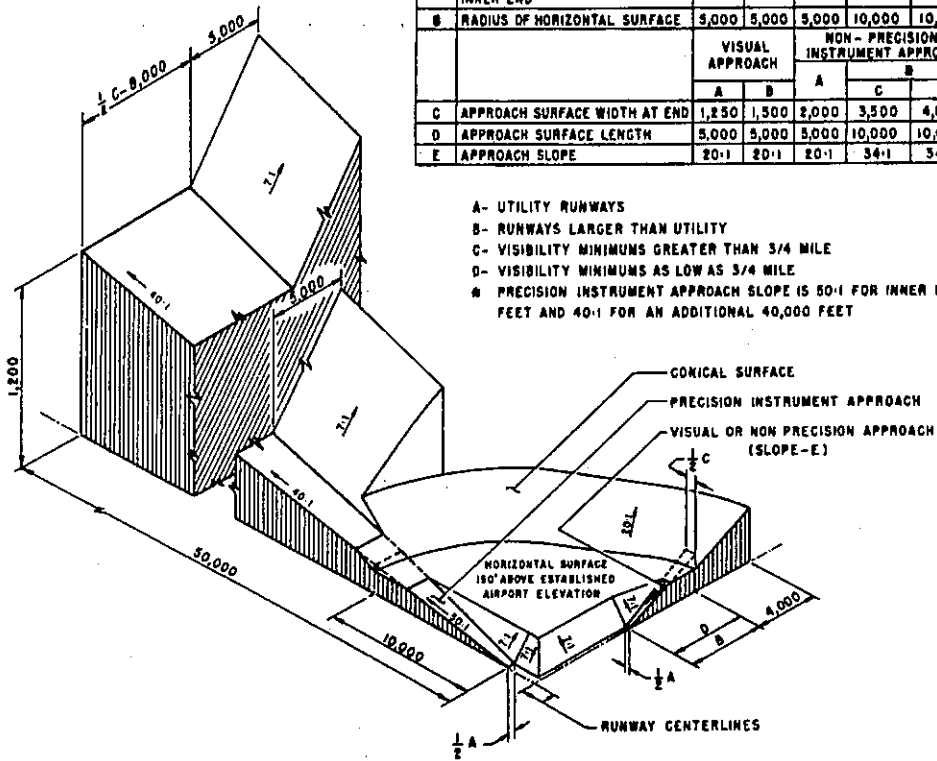
The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows:

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		
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
C	APPROACH SURFACE WIDTH AT END	VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT APPROACH
		A	B	A	B		
D	APPROACH SURFACE LENGTH	1,250	1,500	2,000	3,500	4,000	15,000
E	APPROACH SURFACE 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

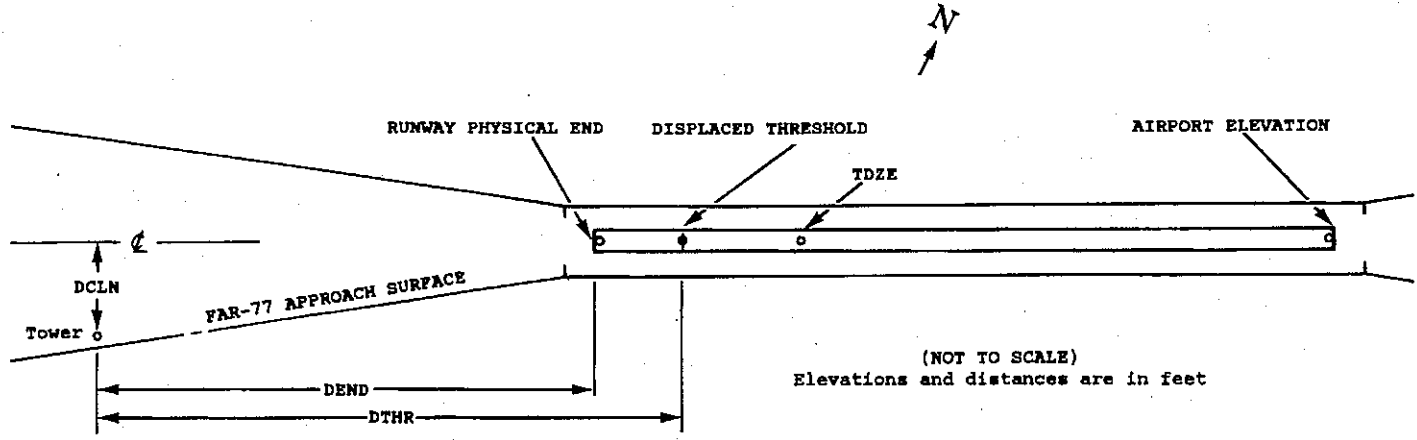
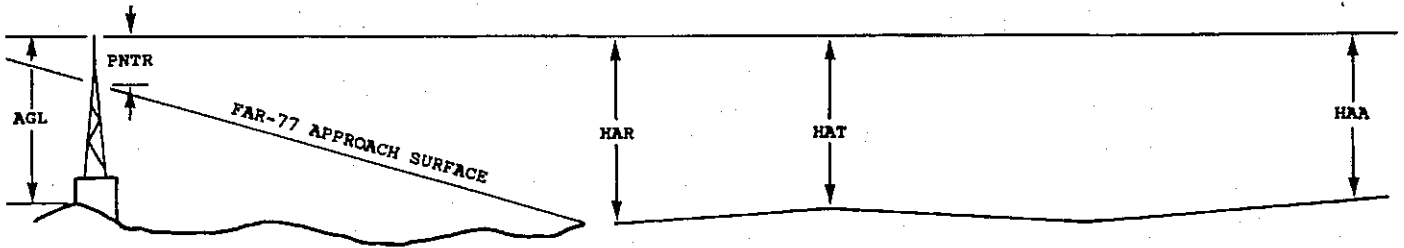
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

	1	2	3	4	4	5	6	7	7						
	X	X	XXXX/XXXX	XXXXXX.XXX	XXXXXX.XXX	XXXXXX	XXXX/XXXX	XXXXXX.XXX	XXXXXX.XXX						
OBJECT				LAT	LONG	A ⁸	ELEV ⁹	AGL ¹⁰	HAR ¹¹	HAT ¹¹	HAA ¹¹	DEND ¹²	DTHR ¹²	DCLN ¹²	PNTR ¹³
XXXXXXXXXXXX				XXXXXX.XXX	XXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXXX				XXXXXX.XXX	XXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX



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).

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AIRPORT ELEVATION 458

17 AV 452/ 412235.089 -732900.042 1530538. 453/ 454 412233.124 -732858.719

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROAD (N)	412205.96	-732840.58	1A	471		19	17	13	-3300	-3077	11R	17
FENCE	412235.21	-732901.00	1A	458		6	4	0	44	267	59R	6
ROAD (N)	412235.73	-732900.60	1A	467		15	13	9	77	300	8R	15
TREE	412238.26	-732902.82	1A	479		27	25	21	383	605	43R	18
LT POLE	412242.67	-732902.64	1A	481		29	27	23	774	997	171L	0

35 AV 454/ 412207.467 -732841.436 3330551. 454/ 454 412209.503 -732842.807

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROAD (N)	412235.73	-732900.60	1A	467		13	13	9	-3212	-2981	8L	15
FENCE	412235.21	-732901.00	1A	458		4	4	0	-3179	-2948	59L	6
ROAD (N)	412205.96	-732840.58	1A	471		17	17	13	165	396	11L	17
TREE	412201.52	-732839.43	1A	506		52	52	48	606	837	136L	32
TREE	412200.83	-732835.06	1A	506		52	52	48	819	1050	130R	21
TREE	412151.23	-732834.36	1A	609		155	155	151	1710	1941	263L	79
TREE	412147.70	-732832.41	1A	665		211	211	207	2095	2326	292L	116
TREE	412144.76	-732830.62	1A	682		228	228	224	2423	2654	304L	117
TREE	412137.32	-732814.85	1A	746		292	292	288	3639	3870	427R	120
TREE	412126.12	-732804.99	1A	836		382	382	378	4990	5221	585R	142

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AIRPORT ELEVATION 458

8 C 457/ 412207.308 -732926.742 694506. 457/ 457 412208.564 -732922.219

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROAD(N)	412220.68	-732830.17	1A	480		23	23	22	-4515	-4147	222R	26
BUSH	412223.43	-732832.35	1A	464		7	7	6	-4456	-4088	96L	10
GROUND	412204.79	-732926.70	1A	461		4	4	3	86	453	240R	4
POLE	412204.62	-732929.38	1A	492		35	35	34	283	651	186R	32
TREE	412204.44	-732931.09	1A	501		44	44	43	411	779	157R	37
TREE	412203.66	-732932.62	1A	506		49	49	48	548	916	192R	38
TREE	412207.88	-732936.64	1A	546		89	89	88	688	1056	316L	74
TREE	412204.98	-732938.40	1A	532		75	75	74	916	1283	87L	54
TREE	412201.01	-732940.97	1A	555		98	98	97	1238	1606	222R	67
TREE	412159.45	-732943.64	1A	576		119	119	118	1484	1851	301R	81
TREE	412202.36	-733000.09	1A	610		153	153	152	2559	2926	410L	83
TREE	412202.31	-733004.93	1A	633		176	176	175	2907	3274	533L	96
TREE	412158.06	-733011.65	1A	638		181	181	180	3536	3904	307L	82
TREE	412144.36	-733018.73	1A	617		160	160	159	4523	4891	807R	32
ROD ON OL POLE	412136.45	-733043.13	1A	709		252	252	251	6546	6914	913R	65
TREE	412134.95	-733049.60	1A	713		256	256	255	7062	7429	885R	54
TREE	412120.06	-733122.22	1A	831		374	374	373	9917	10285	1437R	88

26 C 454/ 412222.424 -732832.328 2494542. 454/ 457 412219.914 -732841.367

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	412204.79	-732926.70	1A	461		7	4	3	-4507	-3773	240L	4
BUSH	412223.43	-732832.35	1A	464		10	7	6	34	768	96R	10
ROAD(N)	412220.68	-732830.17	1A	480		26	23	22	93	828	222L	26
LT POLE	412221.76	-732827.69	1A	505		51	48	47	309	1043	186L	48
TREE	412224.78	-732827.50	1A	519		65	62	61	427	1162	96R	58
LT POLE	412223.39	-732823.14	1A	524		70	67	66	691	1426	151L	56
LT POLE	412228.54	-732822.95	1A	532		78	75	74	885	1620	333R	58
TREE	412225.19	-732818.15	1A	573		119	116	115	1111	1845	111L	92
TREE	412225.45	-732808.46	1A	660		206	203	202	1813	2548	342L	159
ROD ON OL POLE	412227.45	-732806.59	1A	701		247	244	243	2017	2751	202L	194
TREE	412233.38	-732807.64	1A	686		232	229	228	2150	2884	390R	175
TREE	412227.46	-732751.63	1A	734		280	277	276	3088	3822	595L	195
ROD ON OL POLE	412233.15	-732752.63	1A	750		296	293	292	3215	3950	28L	207
TREE	412238.27	-732654.14	1A	765		311	308	307	7579	8313	1084L	94
FLGPL ON BLDG	412241.32	-732654.48	1A	722		268	265	264	7661	8396	785L	49

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AIRPORT ELEVATION 458

ARP 412217.527 -732855.886

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
OL ON AMOM	412218.56	-732859.96	1A	474		16	30226	328
OL ON LTD WSK	412213.54	-732851.42	1A	473		15	15338	528
TREE	412209.85	-732856.67	1A	514		56	19812	779
ROD ON OL ATCT	412221.12	-732905.91	1A	518		60	30916	846
TREE	412215.31	-732839.42	1A	514		56	11355	1275
TREE	412231.89	-732851.39	1A	524		66	2703	1494
TREE	412204.75	-732845.53	1A	508		50	16223	1515
TREE	412217.03	-732834.71	1A	528		70	10535	1615
TREE	412207.64	-732838.30	1A	523		65	14032	1673
LT POLE	412218.97	-732832.19	1A	487		29	9909	1813
TREE	412201.35	-732844.87	1A	560		102	16637	1840
TREE	412205.08	-732837.23	1A	536		78	14519	1900
TREE	412207.84	-732832.90	1A	631		173	13300	2008
LT POLE	412237.90	-732904.77	1A	471		13	35536	2170
TREE	412212.96	-732923.76	1A	523		65	27132	2175
LT POLE	412241.07	-732901.45	1A	474		16	342	2420
LT POLE	412242.59	-732859.74	1A	505		47	711	2554
TREE	412201.56	-732922.90	1A	543		85	24540	2618
TREE	412210.51	-732929.31	1A	549		91	26813	2645
FLGPL	412213.57	-732821.14	1A	587		129	11223	2679
POLE	412203.31	-732926.70	1A	496		38	25219	2755
TREE	412153.45	-732838.95	1A	669		211	16552	2757
ROD ON BLDG	412245.23	-732900.07	1A	521		63	718	2822
TREE	412209.12	-732931.49	1A	519		61	26624	2845
BLDG	412214.59	-732817.50	1A	637		179	10935	2942
TREE	412232.67	-732819.24	1A	583		125	7502	3187
TREE	412223.89	-732808.00	1A	658		200	9347	3707
TREE	412143.32	-732838.49	1A	833		375	17250	3708
VENT ON BLDG	412233.66	-732811.60	1A	646		188	7759	3751
ROD ON OL STACK ON BLDG	412245.04	-732820.97	1A	637		179	5730	3852
TREE	412214.16	-732805.05	1A	659		201	10849	3891
TREE	412201.52	-732807.43	1A	787		329	12728	4034
TREE	412158.37	-732942.36	1A	597		139	25506	4039
TREE	412237.17	-732809.28	1A	724		266	7433	4072
ROD ON OL POLE	412152.87	-732942.68	1A	713		255	24850	4354
TREE	412230.85	-732951.63	1A	682		224	30124	4459
TREE	412133.25	-732846.84	1A	859		401	18502	4534
TREE	412147.87	-732805.28	1A	961		503	14140	4889
TREE	412136.81	-732936.39	1A	875		417	23039	5150
ANT ON OL APBN	412128.56	-732833.61	1A	1008		550	17452	5239
TREE	412207.79	-733004.01	1A	721		263	27304	5287

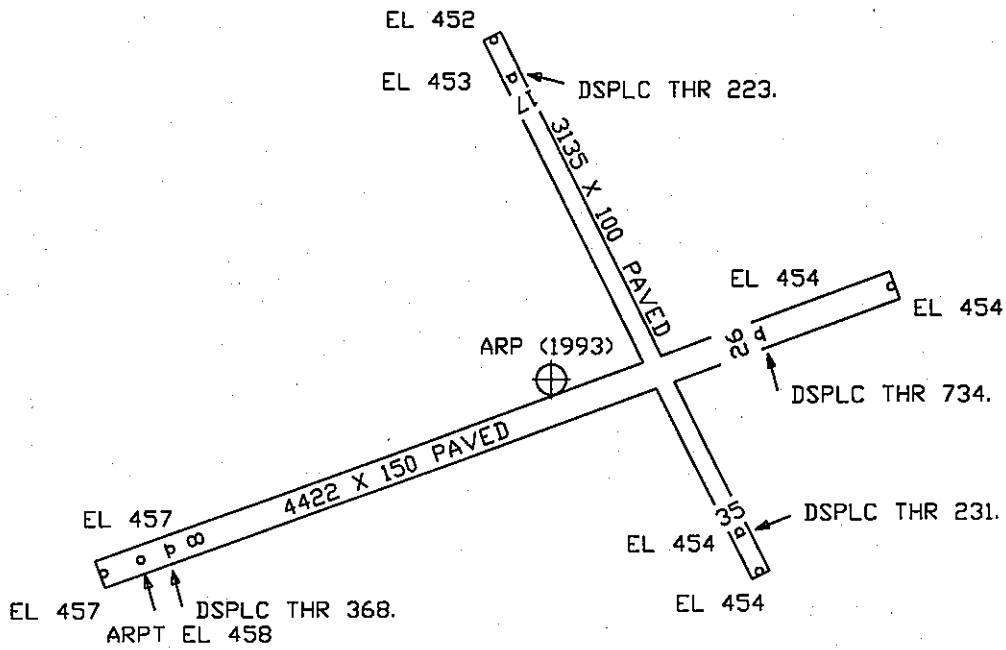
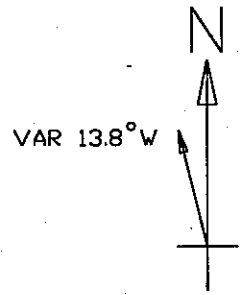
AIRPORT ELEVATION 458

ARP 412217.527 -732855.886

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
ROD ON OL POLE	412211.91	-733005.78	1A	758		300	27743	5359
TREE	412203.73	-733005.72	1A	656		198	26906	5504
ROD ON OL POLE	412127.99	-732931.69	1A	960		502	22222	5709
TREE	412130.54	-732800.57	1A	926		468	15213	6357
ROD ON OL MCWV TWR	412134.06	-732755.47	1A	1057		599	14728	6370
ROD ON OL POLE	412208.39	-732730.82	1A	1005		547	11154	6552
TREE	412321.69	-732912.92	1A	646		188	229	6623
TREE	412141.74	-733019.82	1A	728		270	25418	7354
TREE	412103.98	-732915.24	1B	1072		614	20501	7589
ROD ON OL POLE	412133.19	-733017.01	1A	833		375	24750	7642
TREE	412142.57	-732723.53	1C	933		475	13028	7881
TANK	412124.83	-732732.27	1A	936		478	14342	8313
TREE	412338.32	-732833.61	1C	631		173	2531	8351
TREE	412335.54	-732933.90	1B	803		345	35339	8411
TREE	412340.61	-732909.05	1A	813		355	659	8469
TREE	412218.35	-733048.23	1C	715		257	28422	8566
TREE	412230.79	-733102.18	1C	722		264	29144	9722
OL ON TWR	412226.89	-732646.10	1A	1016	271	558	9819	9940
TREE	412040.07	-732826.63	1C	1014		556	18103	10113
TREE	412214.41	-732636.38	1C	938		480	10529	10641
TREE	412343.77	-733017.48	1A	835		377	33820	10719
TREE	412047.13	-733014.29	1C	896		438	22658	10930
ANT ON OL MCWV TWR	412147.61	-732634.34	1A	955	211	497	11927	11209
TREE	412248.49	-733130.05	1C	905		447	29844	12164
TREE	412054.24	-733111.51	1C	1003		545	24437	13342
ROD ON OL POLE	412117.96	-733132.23	1A	825		367	25659	13359
TREE	412406.95	-733038.22	1C	784		326	33839	13546
TREE	412430.26	-732930.91	1C	810		352	233	13697
TREE	412408.12	-733051.13	1C	800		342	33541	14229
TREE	412439.73	-732856.65	1C	820		362	1334	14393
TREE	412158.63	-733206.32	1C	775		317	27618	14645
TREE	412116.43	-732549.14	1C	868		410	12715	15525
TREE	412051.41	-733148.18	1C	911		453	25015	15767
TREE	411958.16	-733035.49	1C	940		482	22206	16021

TOUCHDOWN ZONE
 RUNWAY ELEVATION

17	454
35	454
8	457
26	457



DANBURY MUNICIPAL AIRPORT
 DANBURY, CONNECTICUT
 (NOT TO SCALE)
 (ELEVATIONS AND DISTANCES IN FEET)