OBSTRUCTION DATA SHEET

ODS 131
ELMIRA / CORNING REGIONAL AIRPORT
ELMIRA, NEW YORK

DIGITIZED FROM

OC 131
SURVEYED 29 OCTOBER 1992
8TH EDITION

HORIZONTAL DATUM NAD83
VERTICAL DATUM NGVD29

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THE NATIONAL OCEAN SERVICE
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FOR THE FEDERAL AVIATION ADMINISTRATION

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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).

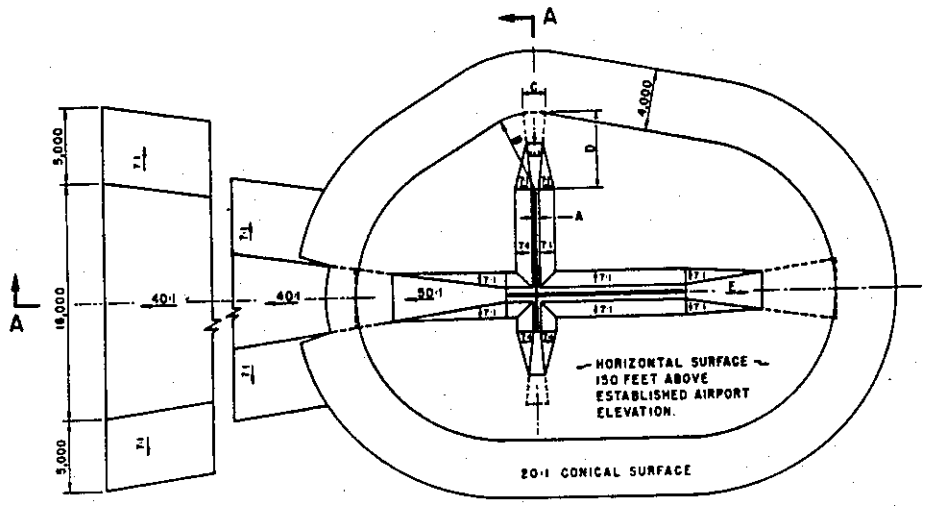
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

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:

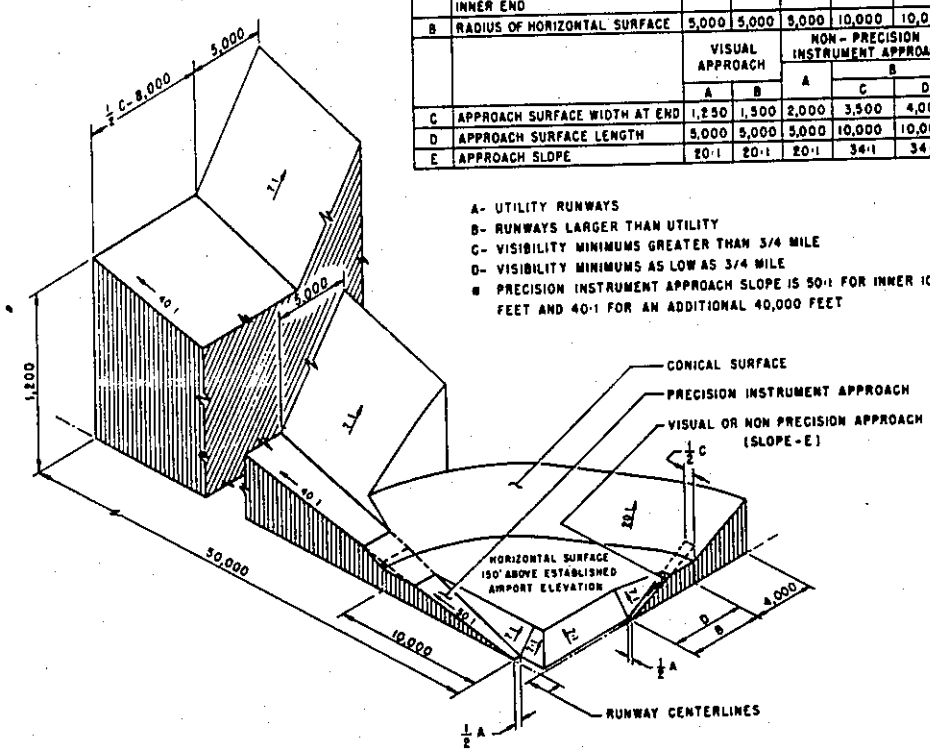
A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C ..... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D ..... Nonutility runway- nonprecision 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	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	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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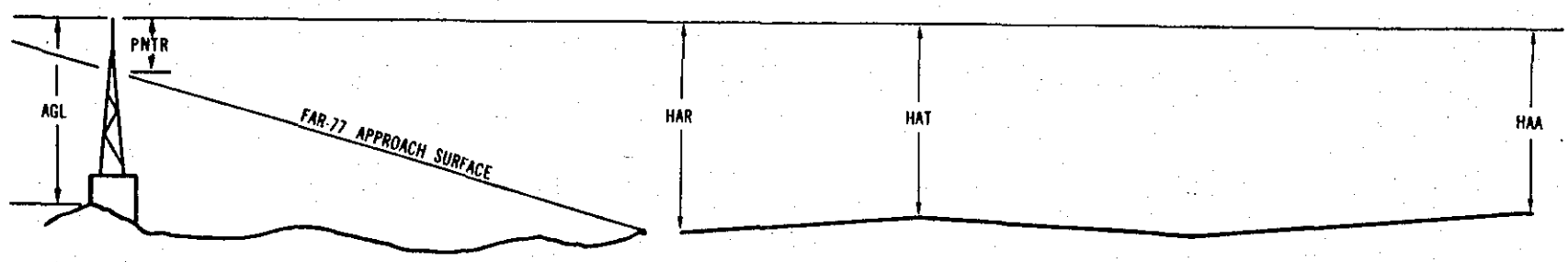
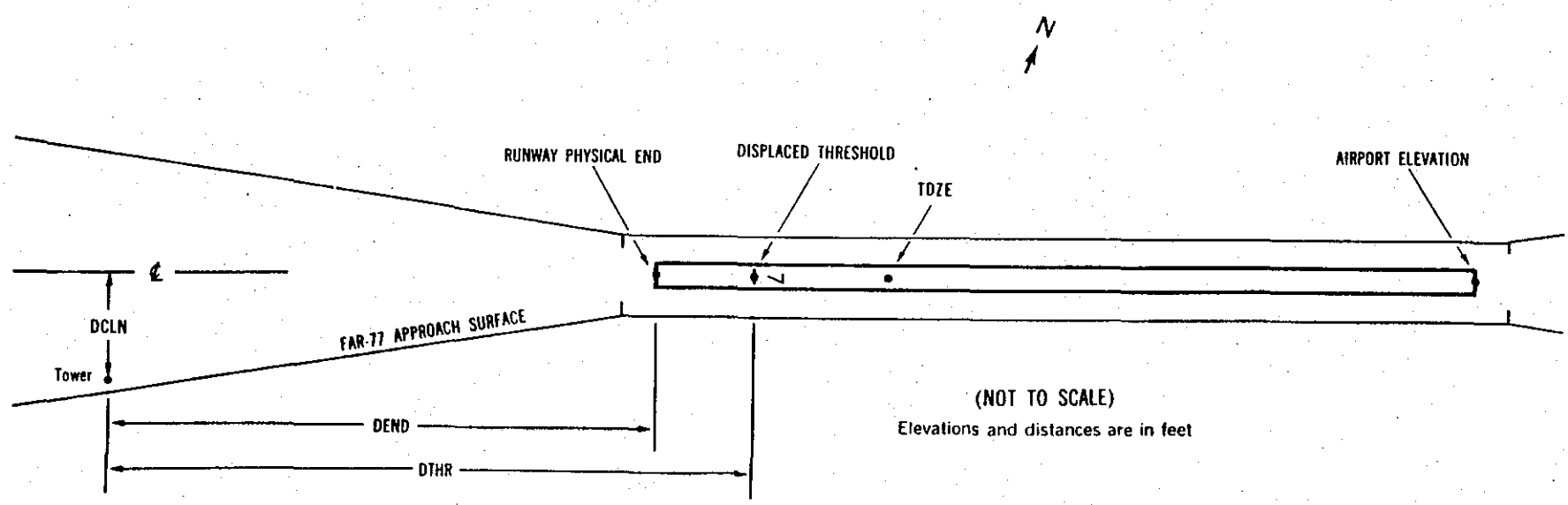




(NOT TO SCALE)

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 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 displace threshold

8 Accuracy codes:

Horizontal	Vertical
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 <u>appearing on the OC</u> 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 displace 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 PTNR - Penetration of indicated FAR-77 approach or primary surface (See footnote 2).

OC0131

AIRPORT ELEVATION 955

10 SUPLC 936/ 942 420928.090 -765407.968 891550.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LTD WSK	420926.38	-765312.00	1A	946		10	4	-9	-4213		227R	3
TREE	420931.62	-765426.38	1A	971		35	29	16	1382		376L	0
TREE	420924.99	-765435.12	1A	968		32	26	13	2049		287R	-23
TREE	420921.19	-765450.67	1A	1005		69	63	50	3225		657R	-20
TREE	420936.64	-765601.06	1A	1408		472	466	453	8506		976L	227
TREE	420939.93	-765606.19	1A	1534		598	592	579	8887		1314L	342
TREE	420933.91	-765623.40	1A	1393		457	451	438	10192		723L	163

28 SUPLC 945/ 945 420928.744 -765258.910 2691636.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LTD WSK	420926.38	-765312.00	1A	946		1	1	-9	-989		227L	3
TREE	420931.54	-765250.57	1A	957		12	12	2	632		275R	-1
TREE	420931.22	-765247.14	1A	968		23	23	13	890		239R	3
LT POLE	420926.71	-765240.88	1A	977		32	32	22	1355		223L	-2
LT POLE	420928.54	-765232.30	1A	995		50	50	40	2004		45L	-3
OL ON TWR	420913.75	-765049.53	2A	1206	278	261	261	251	9725		1639L	-19
ROD ON OL TWR	420915.89	-765048.39	2A	1186	248	241	241	231	9814		1423L	-42

5 NUL 420937.080 -765325.372 501724.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR

*** N O O B S T R U C T I O N S ***

OC0131

AIRPORT ELEVATION 955

23 NUL 420949.902 -765304.620 2301738.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR

*** N O O B S T R U C T I O N S ***

6 PIR 940/ 944 420916.784 -765405.964 502309.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
WSK	420955.48	-765258.54	1A	960		20	16	5	-6409		219R	9
OL ON GS	420955.56	-765308.18	1A	976		36	32	21	-5855		250L	27
OL ON GS	420925.58	-765357.81	1A	981		41	37	26	-1041		295L	43
LTD WSK	420920.92	-765353.62	1A	944		4	0	-11	-984		270R	6
BUSH	420918.00	-765353.60	1A	956		16	12	1	-796		499R	18
ANT ON BLDG	420912.91	-765418.77	1A	948		8	4	-7	993		313L	-8
ROAD(N)	420904.60	-765412.60	1A	960		20	16	5	1171		631R	0
SIGN	420904.63	-765413.44	1A	957		17	13	2	1218		589R	-4
TREE	420858.48	-765420.98	1A	991		51	47	36	2053		706R	14
TREE	420858.99	-765428.95	1A	993		53	49	38	2482		283R	7
TREE	420714.85	-765631.00	1A	1299		359	355	344	16288		2537R	7
TREE	420645.50	-765703.42	1A	1413		473	469	458	20065		3266R	26
TREE	420643.32	-765702.43	2C	1480		540	536	525	20148		3483R	91
TREE	420616.41	-765834.35	2C	1730		790	786	775	27221		1159R	164
TREE	420618.14	-765907.59	2C	1767		827	823	812	29037		575L	156

OC0131

AIRPORT ELEVATION 955

24 PIR 955/ 955 421000.869 -765254.358 2302357.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	420918.00	-765353.60	1A	956		1	1	1	-6204		499L	18
LTD WSK	420920.92	-765353.62	1A	944		-11	-11	-11	-6016		270L	6
OL ON GS	420925.58	-765357.81	1A	981		26	26	26	-5959		295R	43
OL ON GS	420955.56	-765308.18	1A	976		21	21	21	-1144		250R	27
WSK	420955.48	-765258.54	1A	960		5	5	5	-590		219L	9
TREE	421002.84	-765242.58	1A	969		14	14	14	810		412L	2
TREE	421002.99	-765237.99	1A	979		24	24	24	1086		620L	6
TREE	421009.52	-765245.05	1A	975		20	20	20	1098		228R	2
TREE	421016.44	-765211.22	1A	1033		78	78	78	3508		856L	12
TREE	421023.55	-765213.44	1A	1035		80	80	80	3837		195L	7
TREE	421117.66	-765129.89	1A	1240		285	285	285	9854		1937R	92
TREE	421129.28	-765101.25	1A	1270		315	315	315	12266		1469R	64
TREE	421136.57	-765103.27	1A	1342		387	387	387	12619		2135R	127
OL POLE	421139.17	-765101.93	1A	1340		385	385	385	12864		2274R	119
POLE	421107.73	-765026.52	1A	1246		291	291	291	12891		1877L	24
OL POLE	421112.22	-765026.48	1A	1254		299	299	299	13183		1529L	25

OC0131

AIRPORT ELEVATION 955

ARP 420935.689 -765329.196

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
OL ON LTD WSK	420939.66	-765342.09	1A	969		14	30359	1051
TREE	420939.84	-765312.98	1A	1004		49	8231	1291
OL AMOM	420934.12	-765348.95	1A	972		17	27524	1496
ANT AND APBN ON OL ATCT	420946.33	-765343.74	1A	1028		73	32601	1536
TREE	420920.96	-765341.65	1A	992		37	22340	1762
ROD ON OL TMOM	420945.87	-765308.28	1A	961		6	6817	1882
ROD ON OL TMOM	420947.30	-765305.55	1A	961		6	6805	2134
TREE	420950.13	-765252.31	1A	1013		58	7344	3139
TREE	420934.66	-765246.14	1A	1004		49	10320	3245
TREE	420934.17	-765416.54	1A	1006		51	27901	3569
POLE	420933.13	-765240.75	1A	984		29	10533	3658
TREE	420922.43	-765242.02	1A	992		37	12211	3798
TREE	420904.25	-765359.50	1A	1043		88	22708	3916
OL ON TWR	420932.59	-765426.93	1A	1032		77	27722	4359
OL TWR	420921.97	-765426.36	1A	1016		61	26337	4524
TREE	421002.49	-765237.91	1A	986		31	6624	4720
TREE	420901.26	-765411.71	1A	1008		53	23404	4732
TREE	420922.96	-765225.32	1A	1013		58	11629	4981
TREE	420840.69	-765314.87	1B	1126		171	18031	5671
TREE	421020.07	-765240.20	1A	1017		62	5053	5813
TREE	420853.35	-765424.56	1A	1008		53	23543	5980
TREE	420836.51	-765322.13	1B	1117		162	18625	6014
TREE	420842.67	-765230.25	1B	1550		595	15153	6965
OL POLE	421026.67	-765432.81	1B	1605		650	32838	7041
TREE	421015.43	-765208.52	1A	1034		79	6759	7286
TREE	421048.18	-765341.08	1B	1179		224	432	7392
TREE	421035.87	-765431.15	1B	1616		661	33403	7672
TREE	420850.17	-765206.90	1B	1619		664	13806	7723
TREE	420959.27	-765507.58	1B	1343		388	29922	7784
OL DF	420825.95	-765240.53	1B	1654		699	16403	7954
TREE	421016.30	-765504.21	1B	1512		557	31123	8252

AIRPORT ELEVATION 955

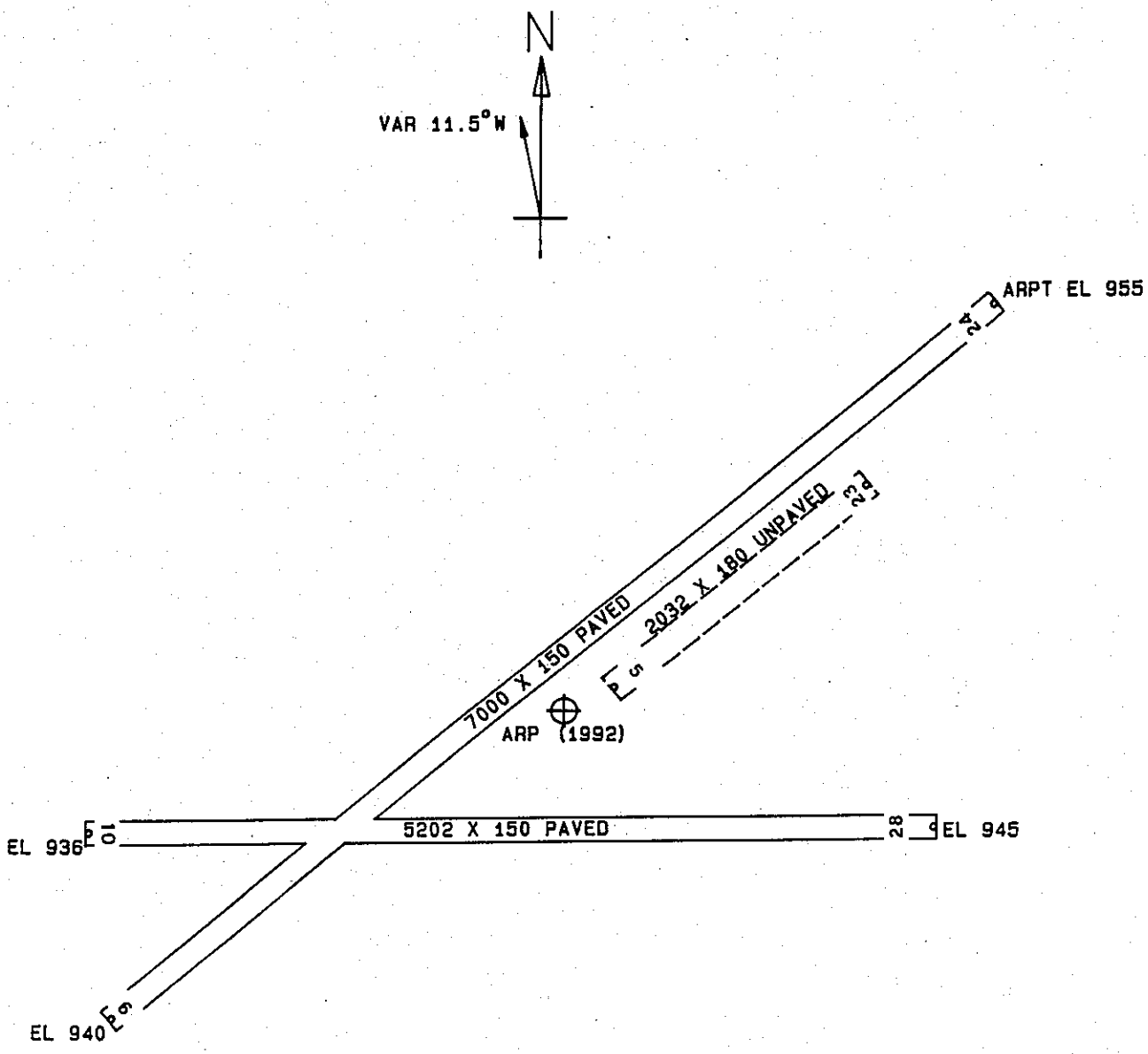
ARP 420935.689 -765329.196

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
TREE	420808.81	-765350.55	1B	1221		266	20151	8940
TREE	421038.87	-765452.25	1B	1707		752	32708	8945
TREE	420852.09	-765141.87	1B	1595		640	13007	9210
TREE	420804.74	-765314.09	1B	1741		786	18427	9276
ANT ON STROBE LTD MCWV TW	420853.52	-765132.17	1A	1627		672	12719	9793
TREE	421110.69	-765255.73	2C	1350		395	2610	9941
TREE	421107.58	-765421.83	1B	1608		653	34825	10110
TREE	420857.72	-765122.70	1B	1523		568	12327	10274
TREE	420942.89	-765547.01	1B	1324		369	28531	10404
OL POLE	421110.69	-765425.00	1B	1622		667	34754	10495
TREE	420801.87	-765220.03	2C	1710		755	16244	10832
TREE	421120.01	-765249.26	1B	1459		504	2723	10980
OL POLE	421122.50	-765247.23	1B	1457		502	2747	11264
TREE	420740.76	-765343.18	1B	1754		799	19640	11681
TREE	420947.74	-765603.93	1A	1612		657	28729	11717
OL POLE	420948.12	-765604.44	1B	1603		648	28739	11759
TREE	421122.37	-765456.98	2C	1698		743	34002	12661
ROD ON OL TWR	420912.70	-765042.54	2A	1238	252	283	11159	12766
TREE	421039.55	-765555.40	2C	1627		672	31155	12767
TREE	421120.36	-765140.96	1B	1295		340	4903	13367
TREE	420750.02	-765138.43	2C	1658		703	15331	13566
TREE	420930.48	-765631.10	2C	1504		549	27918	13710
TREE	420720.98	-765405.94	2C	1760		805	20258	13914
TREE	420939.70	-765634.18	2C	1654		699	28311	13938
TREE	421002.64	-765632.41	2C	1717		762	29241	14064
TREE	421129.79	-765142.55	2C	1402		447	4617	14067
TREE	421102.22	-765603.81	2C	1658		703	31828	14569
TREE	421152.83	-765441.19	2C	1693		738	35010	14903
TREE	421201.64	-765218.57	2C	1497		542	3117	15701
TREE	421144.97	-765107.57	2C	1376		421	5039	16880
TREE	420912.06	-765713.79	2C	1441		486	27328	17084

AIRPORT ELEVATION 955

ARP 420935.689 -765329.196

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
OL TWR	421201.12	-765128.57	2A	1576		621	4309	17297
TREE	420634.63	-765641.66	1A	1838		883	22952	23370
TREE	420606.63	-765706.34	2C	1822		867	22913	26749



TOUCHDOWN ZONE RUNWAY	ELEVATION
10	942
28	945
6	944
24	955

ELMIRA/CORNING REGIONAL AIRPORT

ELMIRA, NEW YORK

(NOT TO SCALE)

(ELEVATIONS AND DISTANCES IN FEET)