OBSTRUCTION DATA SHEET

ODS 29
AUGUSTA STATE AIRPORT
AUGUSTA, MAINE

DIGITIZED FROM

OC 29
SURVEYED 9 AUGUST 1992
8TH EDITION

HORIZONTAL DATUM NAD83
VERTICAL DATUM NGVD29

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FOR THE FEDERAL AVIATION ADMINISTRATION

ATTENTION

See SPECIAL NOTICES in "Dates of Latest Editions, Airport Obstruction Charts - Obstruction Data Sheets," for possible corrections. National Oceanic and Atmospheric Administration (NOAA) publications are available through NOAA Distribution Branch (N/CG33), National Ocean Service, Riverdale, MD 20737. Telephone: 301-436-6990

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).

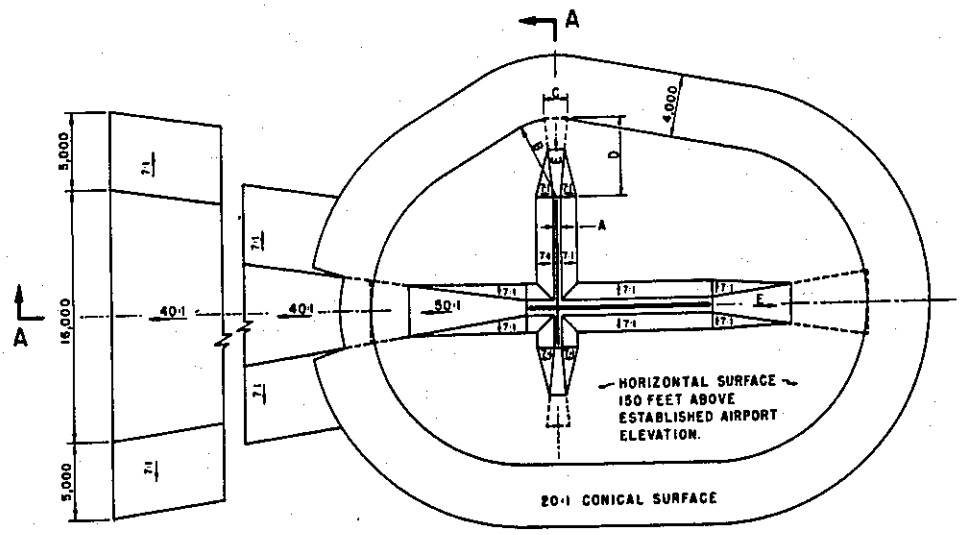
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

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:

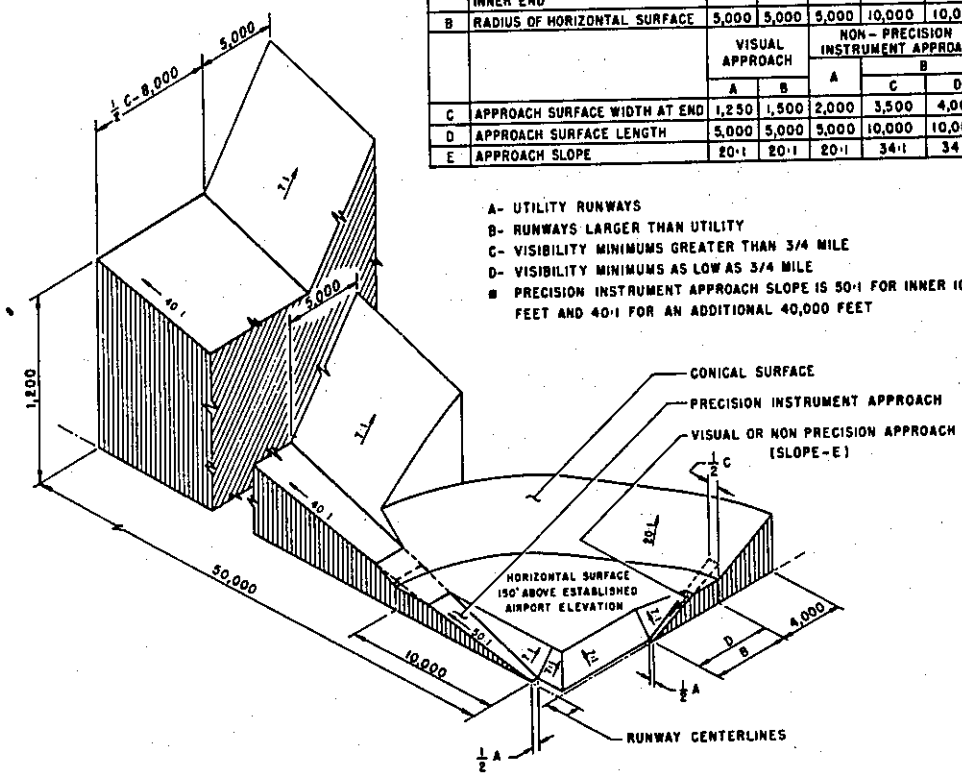
A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C ..... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D ..... Nonutility runway- nonprecision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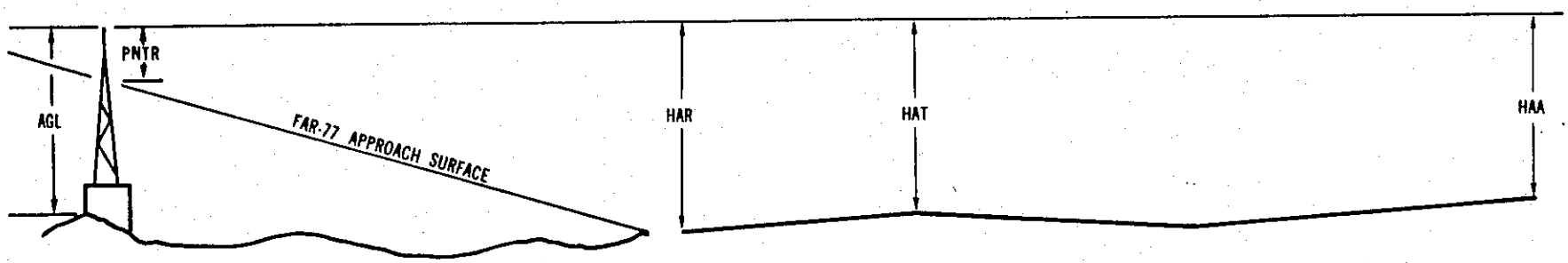
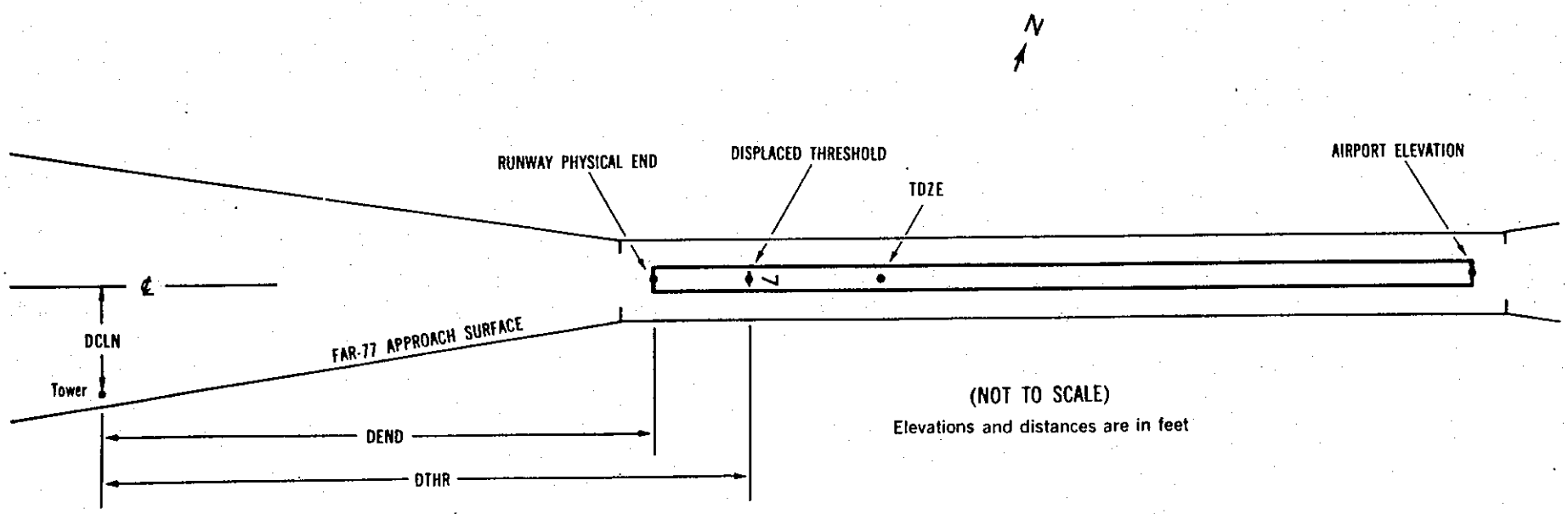




(NOT TO SCALE)

Elevations and distances are in feet

AIRPORT ELEVATION 352

35 C 347/ 351 441855.535 -694742.114 3330525.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON MONITOR POLE	441935.39	-694811.97	1A	319		-28	-32	-33	-4581		108L	5
ANT ON BLDG	441930.19	-694809.77	1A	330		-17	-21	-22	-4040		204L	9
OL ANT	441913.79	-694748.61	1A	391		44	40	39	-1862		416R	42
VORTAC	441912.07	-694747.64	1A	378		31	27	26	-1675		400R	28
OL ON LTD WSK	441904.66	-694754.13	1A	377		30	26	25	-1220		361L	26
TREE	441854.48	-694748.79	1A	368		21	17	16	-124		481L	20
LIGHT POLE	441858.39	-694736.87	1A	376		29	25	24	-85		471R	29
TREE	441853.43	-694745.18	1A	348		1	-3	-4	89		295L	1
OL ON LIGHT POLE	441856.20	-694737.03	1A	376		29	25	24	107		360R	29
OL ON POLE	441855.21	-694738.42	1A	350		3	-1	-2	151		224R	3
ROAD (N)	441854.58	-694737.75	1A	356		9	5	4	230		239R	8
LIGHT POLE	441855.42	-694735.24	1A	376		29	25	24	237		441R	27
FLAGPOLE	441854.31	-694735.33	1A	380		33	29	28	334		384R	29
OL ON LOC	441851.67	-694739.39	1A	346		-1	-5	-6	439		0R	-8
TREE	441852.34	-694735.62	1A	380		33	29	28	502		275R	24
LIGHT POLE	441851.55	-694733.89	1A	372		25	21	20	631		351R	12
TREE	441850.46	-694733.12	1A	396		49	45	44	754		351R	32
TREE	441848.56	-694735.40	1A	377		30	26	25	851		115R	10
TREE	441846.65	-694737.22	1A	366		19	15	14	963		90L	-4

8 ANP 351/ 441902.144 -694753.204 620335.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	441916.00	-694720.28	1A	354		3		2	-2772		118L	2
OL ON POLE	441913.58	-694719.00	1A	359		8		7	-2740		142R	7
FENCE	441914.66	-694726.42	1A	357		6		5	-2314		207L	6
TREE	441903.79	-694756.21	1A	370		19		18	115		249L	19
TREE	441903.11	-694756.55	1A	376		25		24	169		200L	25
BUSH	441900.09	-694754.31	1A	356		5		4	169		146R	5
TREE	441901.67	-694757.07	1A	360		9		8	271		89L	6
TREE	441859.55	-694759.56	1A	364		13		12	531		16R	-3

AIRPORT ELEVATION 352

17 PIR 311/ 349 441939.565 -694813.247 1530503.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON POLE	441855.21	-694738.42	1A	350		39	1	-2	-5152		224L	3
OL ON LIGHT POLE	441856.20	-694737.03	1A	376		65	27	24	-5108		360L	29
TREE	441853.43	-694745.18	1A	348		37	-1	-4	-5089		295R	1
LIGHT POLE	441858.39	-694736.87	1A	376		65	27	24	-4915		471L	29
TREE	441854.48	-694748.79	1A	368		57	19	16	-4876		481R	20
OL ON LTD WSK	441904.66	-694754.13	1A	377		66	28	25	-3781		361R	26
VORTAC	441912.07	-694747.64	1A	378		67	29	26	-3325		400L	28
OL ANT	441913.79	-694748.61	1A	391		80	42	39	-3138		416L	42
ANT ON BLDG	441930.19	-694809.77	1A	330		19	-19	-22	-961		204R	9
OL ON MONITOR POLE	441935.39	-694811.97	1A	319		8	-30	-33	-419		108R	5

AIRPORT ELEVATION 352

35 C 347/ 351 441855.535 -694742.114 3330525.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON MONITOR POLE	441935.39	-694811.97	1A	319		-28	-32	-33	-4581		108L	5
ANT ON BLDG	441930.19	-694809.77	1A	330		-17	-21	-22	-4040		204L	9
OL ANT	441913.79	-694748.61	1A	391		44	40	39	-1862		416R	42
VORTAC	441912.07	-694747.64	1A	378		31	27	26	-1675		400R	28
OL ON LTD WSK	441904.66	-694754.13	1A	377		30	26	25	-1220		361L	26
TREE	441854.48	-694748.79	1A	368		21	17	16	-124		481L	20
LIGHT POLE	441858.39	-694736.87	1A	376		29	25	24	-85		471R	29
TREE	441853.43	-694745.18	1A	348		1	-3	-4	89		295L	1
OL ON LIGHT POLE	441856.20	-694737.03	1A	376		29	25	24	107		360R	29
OL ON POLE	441855.21	-694738.42	1A	350		3	-1	-2	151		224R	3
ROAD (N)	441854.58	-694737.75	1A	356		9	5	4	230		239R	8
LIGHT POLE	441855.42	-694735.24	1A	376		29	25	24	237		441R	27
FLAGPOLE	441854.31	-694735.33	1A	380		33	29	28	334		384R	29
OL ON LOC	441851.67	-694739.39	1A	346		-1	-5	-6	439		0R	-8
TREE	441852.34	-694735.62	1A	380		33	29	28	502		275R	24
LIGHT POLE	441851.55	-694733.89	1A	372		25	21	20	631		351R	12
TREE	441850.46	-694733.12	1A	396		49	45	44	754		351R	32
TREE	441848.56	-694735.40	1A	377		30	26	25	851		115R	10
TREE	441846.65	-694737.22	1A	366		19	15	14	963		90L	-4

8 ANP 351/ 441902.144 -694753.204 620335.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	441916.00	-694720.28	1A	354		3		2	-2772		118L	2
OL ON POLE	441913.58	-694719.00	1A	359		8		7	-2740		142R	7
FENCE	441914.66	-694726.42	1A	357		6		5	-2314		207L	6
TREE	441903.79	-694756.21	1A	370		19		18	115		249L	19
TREE	441903.11	-694756.55	1A	376		25		24	169		200L	25
BUSH	441900.09	-694754.31	1A	356		5		4	169		146R	5
TREE	441901.67	-694757.07	1A	360		9		8	271		89L	6
TREE	441859.55	-694759.56	1A	364		13		12	531		16R	-3

OC0029

AIRPORT ELEVATION 352

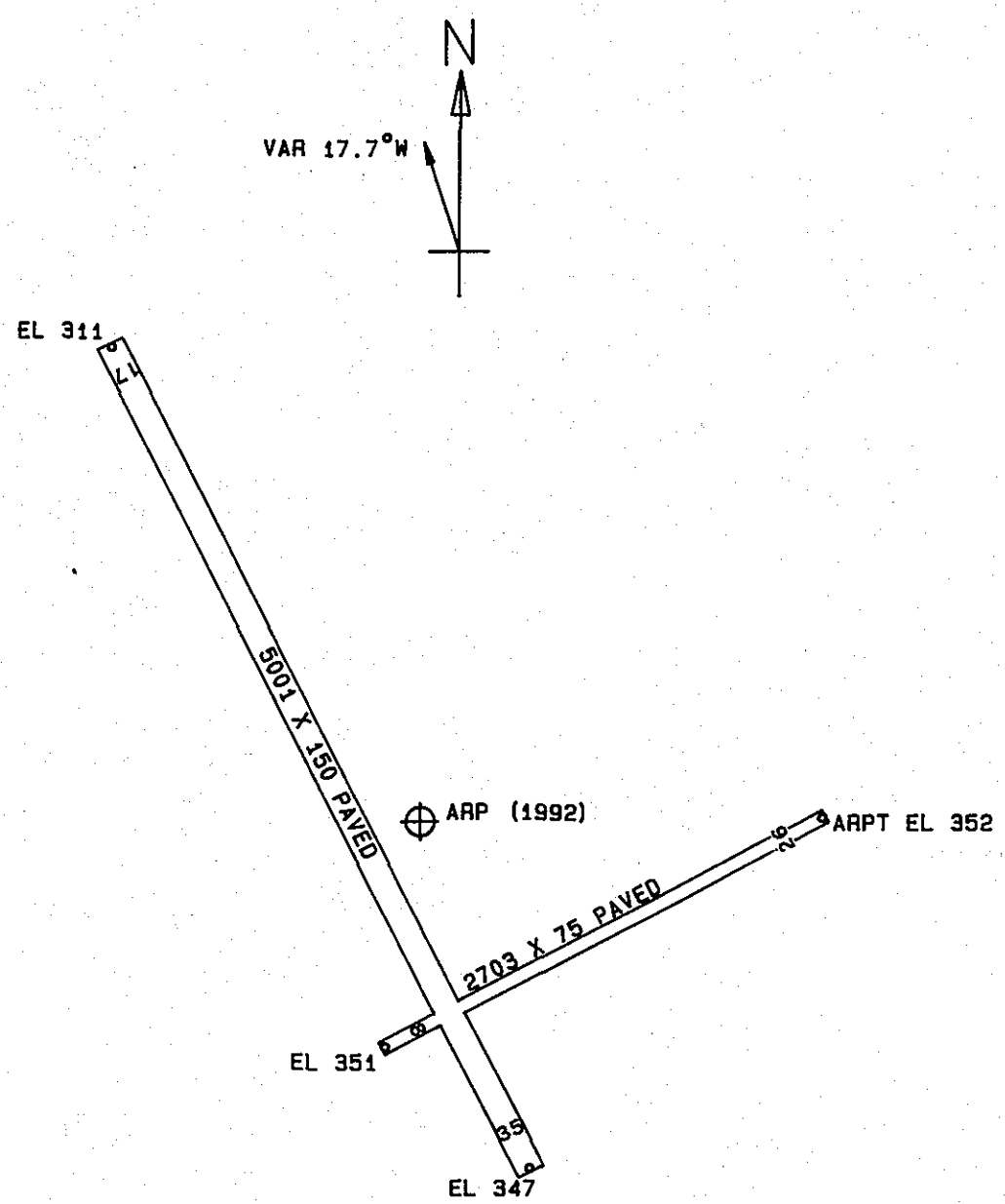
26 AV 352/ 441914.651 -694720.353 2420358.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	441903.11	-694756.55	1A	376		24		24	-2873		200R	25
BUSH	441900.09	-694754.31	1A	356		4		4	-2872		146L	5
TREE	441903.79	-694756.21	1A	370		18		18	-2818		249R	19
FENCE	441914.66	-694726.42	1A	357		5		5	-389		207R	6
OL ON POLE	441913.58	-694719.00	1A	359		7		7	36		142L	7
FENCE	441916.00	-694720.28	1A	354		2		2	69		118R	2
FENCE	441914.48	-694717.10	1A	359		7		7	201		127L	7
GROUND	441915.66	-694717.93	1A	355		3		3	203		8R	3
OL ON POLE	441915.75	-694715.83	1A	360		8		8	343		56L	1
TREE	441914.91	-694713.31	1A	390		38		38	464		217L	25
TREE	441917.14	-694712.82	1A	376		24		24	602		34L	4

AIRPORT ELEVATION 352

ARP 441914.339 -694750.345

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
TREE	441855.22	-695003.68	1B	605		253	27624	9885
ANT ON MCWV TWR	441850.06	-695004.60	1A	667		315	27334	10065
ANT ON OL RADIO MAST	441830.03	-694958.63	2C	589		237	26201	10351



TOUCHDOWN ZONE RUNWAY	ELEVATION
17	349
35	351

AUGUSTA STATE AIRPORT

AUGUSTA, MAINE

(NOT TO SCALE)

(ALL ELEVATIONS IN FEET)