

OBSTRUCTION DATA SHEET

**ODS 249
EASTERN WEST VIRGINIA REGIONAL AIRPORT / SHEPHERD FIELD
MARTINSBURG, WEST VIRGINIA**

DIGITIZED FROM

**OC 249
SURVEYED AUGUST 1989
9TH EDITION**



PREPARED AND DISTRIBUTED BY
THE NATIONAL OCEAN SERVICE
U.S. DEPARTMENT OF COMMERCE
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 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:

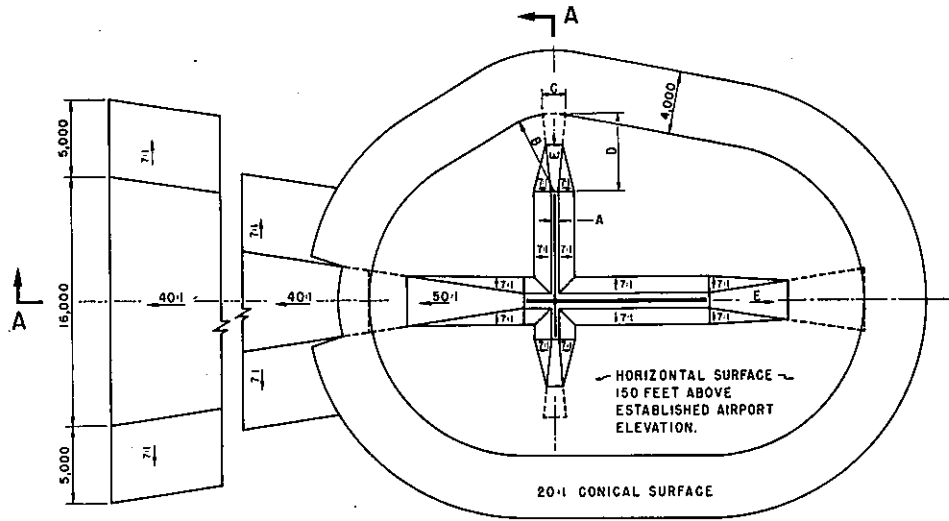
1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the 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)

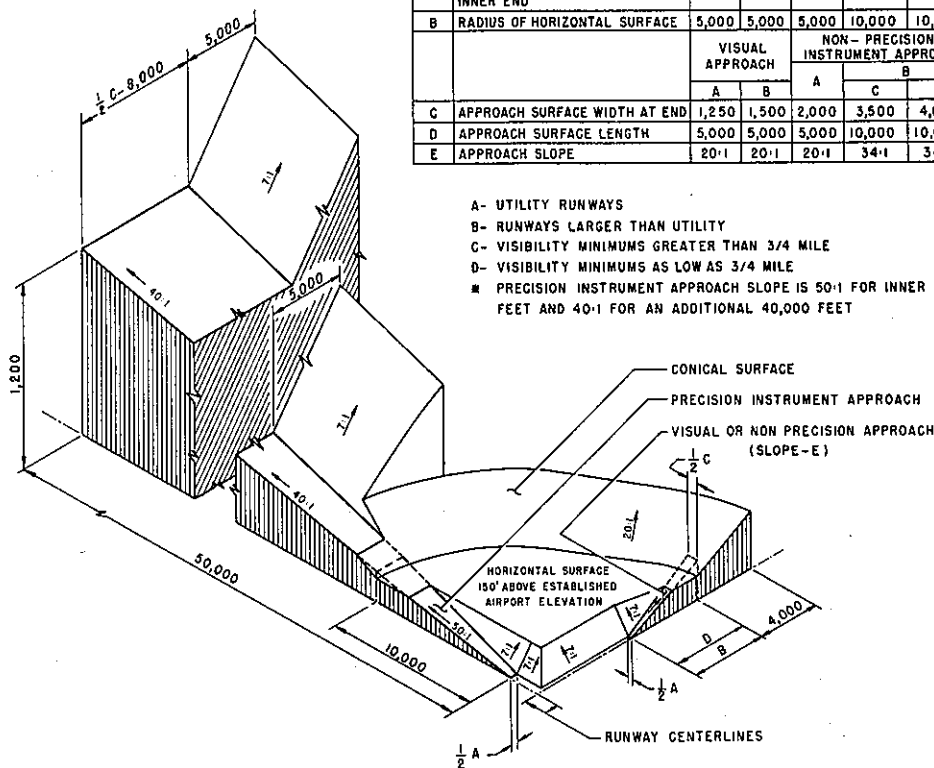
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

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



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	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

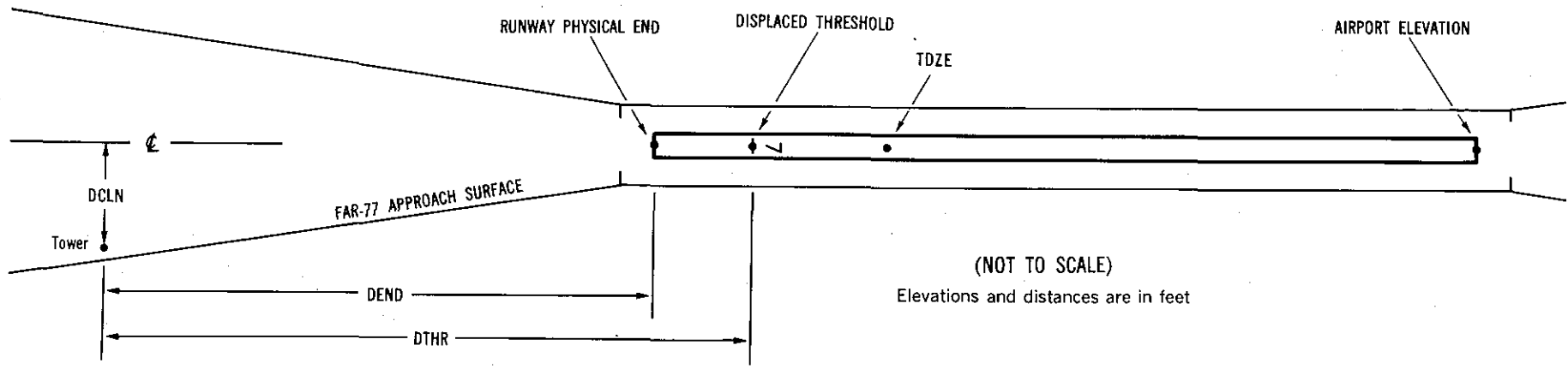
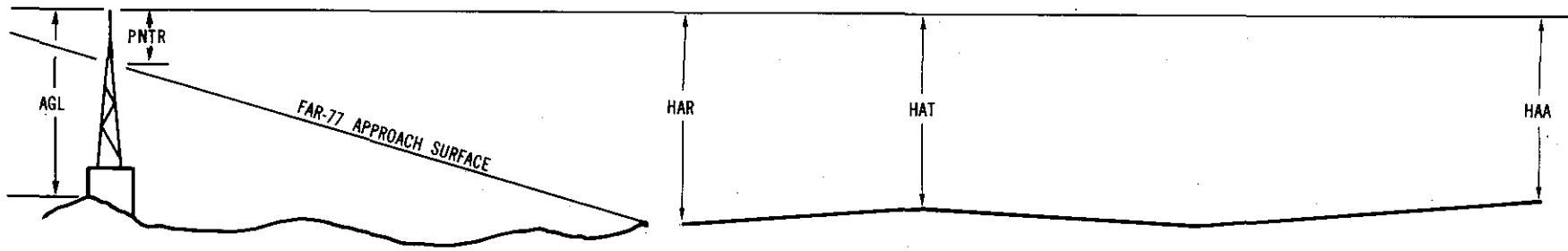
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

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
XXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	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).

OC0249

AIRPORT ELEVATION 557

8 C 551/557 392356.357N 0775943.011W 2503800

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RADAR REFLECTOR	392421.34	0775817.82	1A	549		-2	-8	-8	-7147		168L	2
RADAR REFLECTOR	392417.13	0775817.91	1A	550		-1	-7	-7	-7000		232R	3
OL GLIDE SLOPE	392413.38	0775830.39	1A	573		22	16	16	-5949		265R	28
TREE	392409.10	0775844.04	1A	564		13	7	7	-4795		319R	21
TREE	392409.33	0775846.08	1A	550		-1	-7	-7	-4652		243R	8
TREE	392401.56	0775913.69	1A	569		18	12	12	-2346		267R	19
TREE	392406.14	0775917.01	1A	570		19	13	13	-2254		257L	20
TREE	392404.97	0775921.35	1A	574		23	17	17	-1893		258L	21
ANTENNA ON OL ASR/PAR	392358.29	0775919.60	1A	583		32	26	26	-1798		425R	29
TREE	392403.11	0775928.32	1A	571		20	14	14	-1314		262L	14
GROUND	392352.48	0775940.79	1A	563		12	6	6	-35		428R	12
TREE	392400.40	0775946.65	1A	592		41	35	35	134		481L	41
TREE	392400.19	0775947.65	1A	591		40	34	34	215		486L	40
GROUND	392351.04	0775943.75	1A	562		11	5	5	233		488R	10
TREE	392358.22	0775952.13	1A	580		29	23	23	613		415L	17
TREE	392350.48	0775950.52	1A	576		25	19	19	753		366R	9
TREE	392354.76	0775957.67	1A	567		16	10	10	1139		229L	-12
OL ON LOCALIZER	392352.10	0775958.63	1A	563		12	6	6	1300		OL	-20
ANTENNA ON BUILDING	392349.56	0775957.59	1A	568		17	11	11	1308		269R	-16
TREE	392352.52	0780009.40	1A	611		60	54	54	2083		321L	5
TREE	392337.27	0780025.85	1A	618		67	61	61	3813		707R	-39

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OC0249

AIRPORT ELEVATION 557

26 PIR 547/547 392419.291N 0775818.881W 0703853

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	392400.19	0775947.65	1A	591		44	44	34	-7215		486R	40
TREE	392400.40	0775946.65	1A	592		45	45	35	-7134		481R	41
GROUND	392352.48	0775940.79	1A	563		16	16	6	-6965		428L	12
TREE	392403.11	0775928.32	1A	571		24	24	14	-5686		262R	14
ANTENNA ON OL ASR/PAR	392358.29	0775919.60	1A	583		36	36	26	-5202		425L	29
TREE	392404.97	0775921.35	1A	574		27	27	17	-5106		258R	21
TREE	392406.14	0775917.01	1A	570		23	23	13	-4746		257R	20
TREE	392401.56	0775913.69	1A	569		22	22	12	-4654		267L	19
TREE	392409.33	0775846.08	1A	550		3	3	-7	-2348		243L	8
TREE	392409.10	0775844.04	1A	564		17	17	7	-2205		319L	21
OL GLIDE SLOPE	392413.38	0775830.39	1A	573		26	26	16	-1050		265L	28
RADAR REFLECTOR	392417.13	0775817.91	1A	550		3	3	-7	0		232L	3
RADAR REFLECTOR	392421.34	0775817.82	1A	549		2	2	-8	147		168R	2
TREE	392418.68	0775807.06	1A	564		17	17	7	855		366L	4
TREE	392428.57	0775809.30	1A	587		40	40	30	1021		637R	24
TREE	392421.57	0775804.97	1A	563		16	16	6	1106		144L	-2
TREE	392418.26	0775757.68	1A	586		39	39	29	1536		649L	12
TREE	392423.09	0775756.53	1A	584		37	37	27	1783		219L	5

02

AIRPORT ELEVATION 557

17 SUPLC 544/552 392428.188N 0775922.343W 3403633

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	392339.46	0775902.81	1A	573		29	21	16	-5159		191R	31
TREE	392343.82	0775905.80	1A	578		34	26	21	-4666		266R	35
TREE	392351.52	0775909.07	1A	561		17	9	4	-3845		249R	17
TREE	392356.64	0775911.29	1A	565		21	13	8	-3299		241R	20
TREE	392401.56	0775913.69	1A	569		25	17	12	-2767		254R	23
TREE	392421.39	0775915.79	1A	575		31	23	18	-820		257L	24
TREE	392425.76	0775917.90	1A	581		37	29	24	-348		247L	33
TREE	392434.74	0775929.19	1A	556		12	4	-1	804		287R	-6
TREE	392443.74	0775928.79	1A	574		30	22	17	1652		45L	-13
TREE	392451.38	0775928.58	1A	601		57	49	44	2376		317L	-7
TREE	392503.35	0775938.09	1A	609		65	57	52	3766		15L	-40

35 SUPLC 542/548 392341.570N 07759 1.196W 1603646

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	392425.76	0775917.90	1A	581		39	33	24	-4653		247R	33
TREE	392421.39	0775915.79	1A	575		33	27	18	-4180		257R	24
TREE	392401.56	0775913.69	1A	569		27	21	12	-2233		254L	23
TREE	392356.64	0775911.29	1A	565		23	17	8	-1702		241L	20
TREE	392351.52	0775909.07	1A	561		19	13	4	-1155		249L	17
TREE	392343.82	0775905.80	1A	578		36	30	21	-335		266L	35
TREE	392339.46	0775902.81	1A	573		31	25	16	159		191L	31
TREE	392337.38	0775859.63	1A	561		19	13	4	441		25L	12
TREE	392335.51	0775902.66	1A	582		40	34	25	540		312L	30
TREE	392336.62	0775856.27	1A	586		44	38	29	601		198R	32
TREE	392336.90	0775854.80	1A	589		47	41	32	612		317R	35
TREE	392335.52	0775854.16	1A	592		50	44	35	761		318R	34
TREE	392327.96	0775853.19	1A	593		51	45	36	1508		136R	13
TREE	392326.58	0775851.69	1A	592		50	44	35	1678		200R	7
TREE	392303.13	0775839.94	1A	645		103	97	88	4223		284R	-15

AIRPORT ELEVATION 557

ARP 392406.598N 0775905.457W

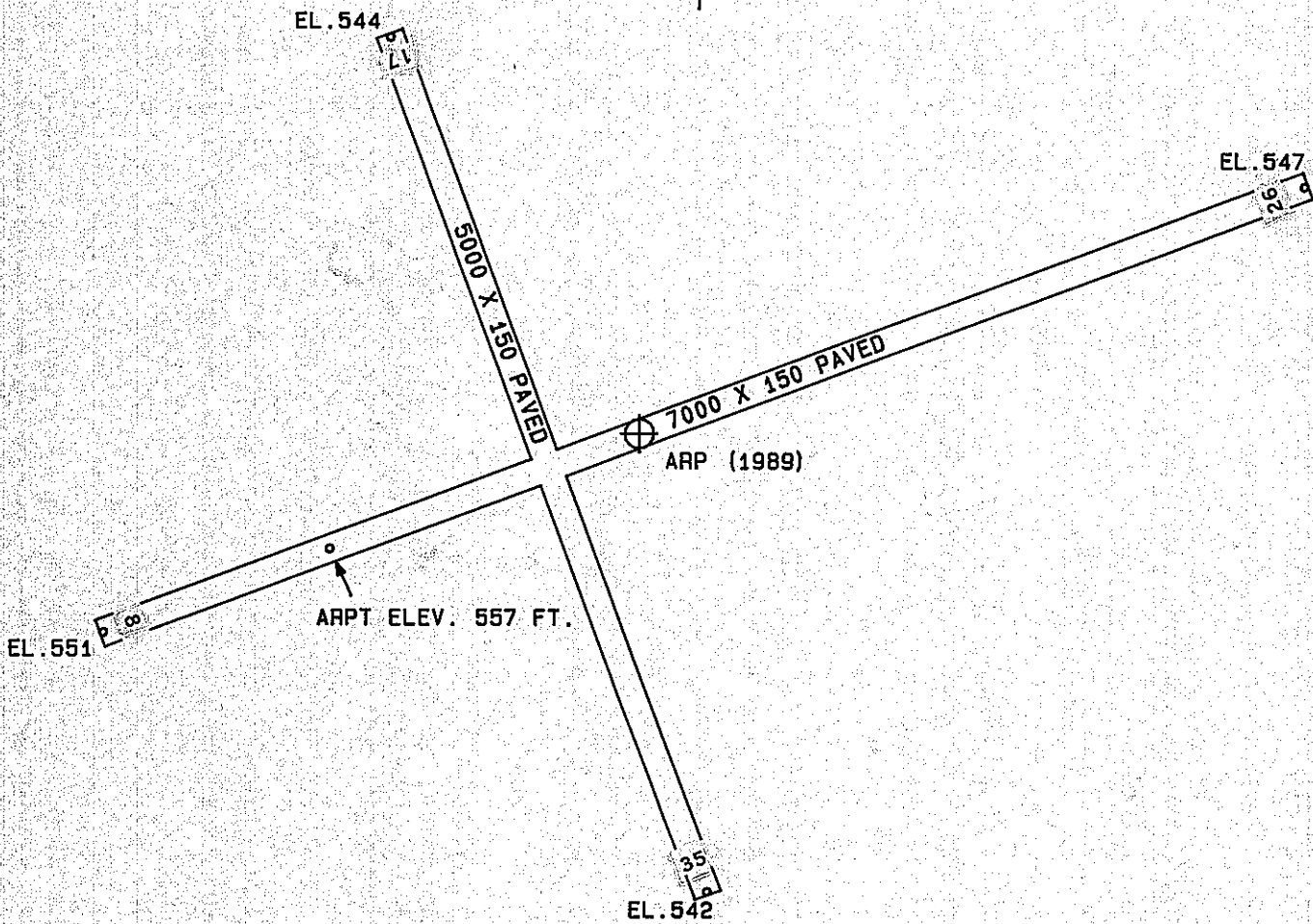
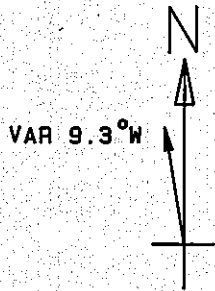
OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
ROD ON OL ANTENNA	392357.02	0775856.76	1A	627		70	154 8	1185
ANTENNA ON OL CONTROL TR	392418.07	0775909.26	1A	613		56	354 51	1198
TREE	392404.49	0775850.11	1A	579		22	109 19	1223
TREE	392414.07	0775919.90	1A	573		16	312 59	1362
OL ON LIGHT STANDARD	392421.01	0775907.63	1A	631		74	2 37	1468
ANTENNA ON OL AIRPORT BCM	392357.20	0775851.15	1A	622		65	139 33	1471
TREE	392417.78	0775921.56	1A	584		27	321 7	1696
ROD ON HANGAR	392349.21	0775856.45	1A	593		36	167 25	1896
TREE	392419.21	0775924.22	1A	615		58	320 12	1948
TREE	392425.52	0775915.22	1A	586		29	347 29	2062
OL ON HANGAR	392423.89	0775849.03	1A	579		22	45 41	2173
ANTENNA ON OL POLE	392429.64	0775913.74	1A	648		91	353 43	2420
TREE	392424.86	0775925.56	1A	589		32	328 48	2430
TREE	392429.93	0775918.03	1A	592		35	346 37	2559
TREE	392341.98	0775855.83	1A	567		10	172 25	2603
TREE	392428.29	0775926.17	1A	569		12	332 46	2731
TREE	392340.33	0775855.60	1A	561		4	173 4	2768
TREE	392432.81	0775919.03	1A	562		5	347 25	2858
TREE	392429.75	0775929.04	1A	585		28	330 59	2986
TREE	392337.26	0775853.27	1A	588		31	171 26	3119
TREE	392335.96	0775852.60	1A	598		41	171 16	3260
ANTENNA ON OL BUILDING	392348.93	0775943.41	1A	594		37	248 20	3475
TREE	392334.11	0775849.12	1A	610		53	167 59	3529
POLE	392333.39	0775851.36	1A	584		27	171 4	3537
TREE	392407.55	0775819.66	1A	624		67	97 46	3596
TREE	392359.62	0775954.17	1A	580		23	268 51	3889
ANTENNA	392438.61	0775933.73	1A	576		19	334 53	3926
TREE	392427.40	0775812.70	1A	572		15	72 22	4645
TREE	392427.88	0775811.49	1A	570		13	72 21	4752
TREE	392429.09	0775808.81	1A	594		37	72 12	4995
TREE	392413.50	0775802.12	1A	595		38	91 18	5021
TREE	392430.35	0775805.32	1A	586		29	72 19	5297

AIRPORT ELEVATION 557

ARP 392406.598N 0775905.457W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
SIL0	392356.75	0780013.28	1A	601		44	268 42	5417
TREE	392346.77	0780118.84	1B	700		143	268 28	10661
STACK	392315.93	0780106.46	1B	674		117	250 57	10795
TREE	392521.27	0780047.18	1B	767		210	322 44	10992
TREE	392504.29	0780104.33	1B	767		210	311 21	11006
TREE	392500.90	0780109.65	1B	766		209	308 43	11189
TREE	392444.37	0780126.86	1B	768		211	298 19	11739
STACK	392602.35	0775852.06	2A	716	206	159	14 26	11758
TREE	392419.71	0780201.52	2C	771		214	284 48	13884
TREE	392406.27	0780206.67	2C	787		230	279 11	14225

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 (11)



TOUCHDOWN ZONE	RUNWAY ELEVATION
8	557
26	547
17	552
35	548

EASTERN WEST VIRGINIA REGIONAL / SHEPHERD FIELD
 MARTINSBURG, WEST VIRGINIA
 (NOT TO SCALE)

114 Blank

OBSTRUCTION DATA SHEET

ODS 249
EASTERN WEST VIRGINIA REGIONAL AIRPORT / SHEPHERD FIELD
MARTINSBURG, WEST VIRGINIA

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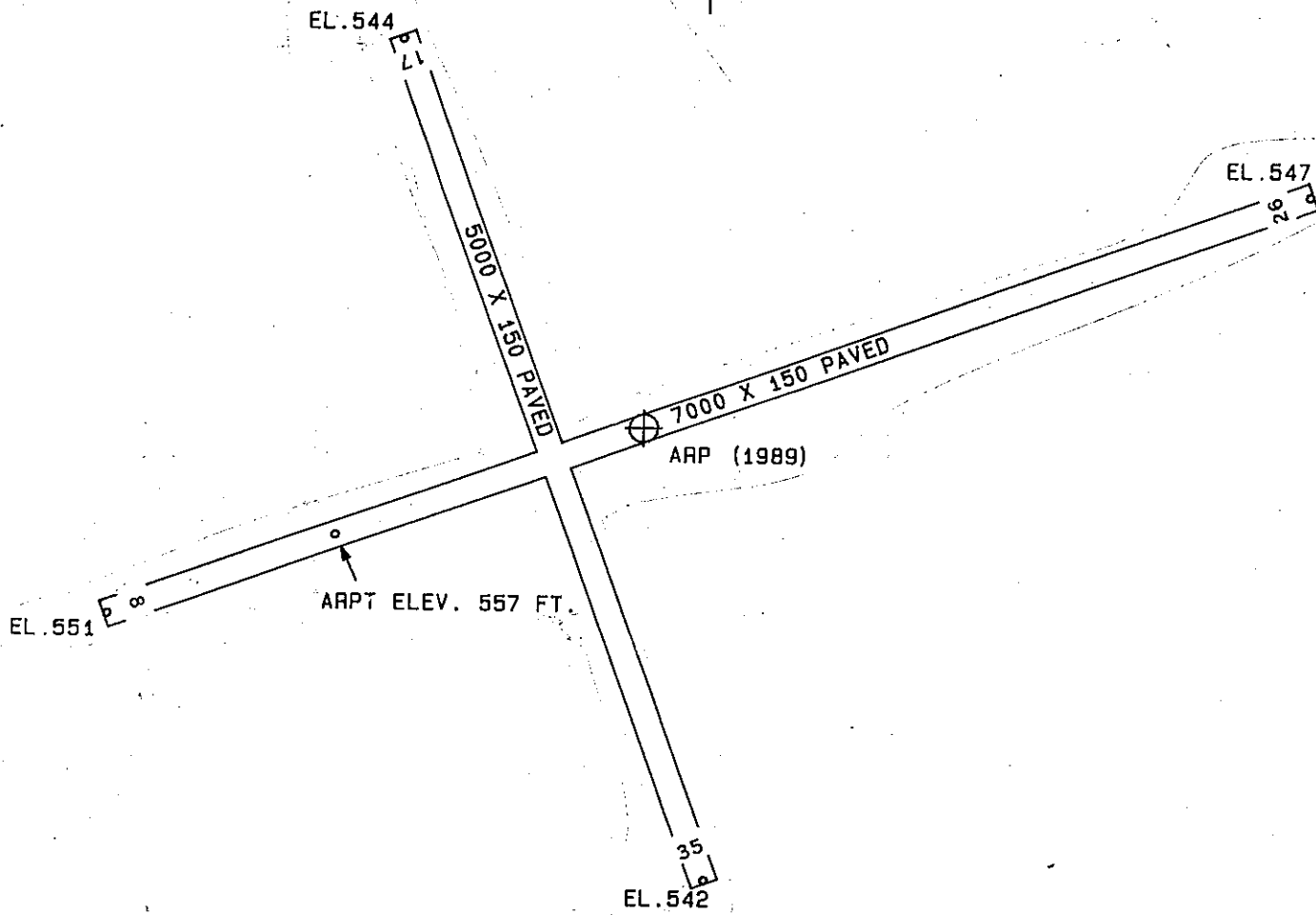
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VAR 9.3°W

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TOUCHDOWN ZONE
RUNWAY ELEVATION

8	557
26	547
17	552
35	548

EASTERN WEST VIRGINIA REGIONAL / SHEPHERD FIELD
MARTINSBURG, WEST VIRGINIA
(NOT TO SCALE)

AIRPORT ELEVATION 557

8 C 551/557 392356.357N 0775943.011W 2503800

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RADAR REFLECTOR	392421.34	0775817.82	1A	549		-2	-8	-8	-7147		168L	2
RADAR REFLECTOR	392417.13	0775817.91	1A	550		-1	-7	-7	-7000		232R	3
OL GLIDE SLOPE	392413.38	0775830.39	1A	573		22	16	16	-5949		265R	28
TREE	392409.10	0775844.04	1A	564		13	7	7	-4795		319R	21
TREE	392409.33	0775846.08	1A	550		-1	-7	-7	-4652		243R	8
TREE	392401.56	0775913.69	1A	569		18	12	12	-2346		267R	19
TREE	392406.14	0775917.01	1A	570		19	13	13	-2254		257L	20
TREE	392404.97	0775921.35	1A	574		23	17	17	-1893		258L	21
ANTENNA ON OL ASR/PAR	392358.29	0775919.60	1A	583		32	26	26	-1798		425R	29
TREE	392403.11	0775928.32	1A	571		20	14	14	-1314		262L	14
GROUND	392352.48	0775940.79	1A	563		12	6	6	-35		428R	12
TREE	392400.40	0775946.65	1A	592		41	35	35	134		481L	41
TREE	392400.19	0775947.65	1A	591		40	34	34	215		486L	40
GROUND	392351.04	0775943.75	1A	562		11	5	5	233		488R	10
TREE	392358.22	0775952.13	1A	580		29	23	23	613		415L	17
TREE	392350.48	0775950.52	1A	576		25	19	19	753		366R	9
TREE	392354.76	0775957.67	1A	567		16	10	10	1139		229L	-12
OL ON LOCALIZER	392352.10	0775958.63	1A	563		12	6	6	1300		OL	-20
ANTENNA ON BUILDING	392349.56	0775957.59	1A	568		17	11	11	1308		269R	-16
TREE	392352.52	0780009.40	1A	611		60	54	54	2083		321L	5
TREE	392337.27	0780025.85	1A	618		67	61	61	3813		707R	39

AIRPORT ELEVATION 557

26 PIR 547/547 392419.291N 0775818.881W 0703853

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	392400.19	0775947.65	1A	591		44	44	34	-7215			
TREE	392400.40	0775946.65	1A	592		45	45	35	-7134		486R	40
GROUND	392352.48	0775940.79	1A	563		16	16	6	-6965		481R	41
TREE	392403.11	0775928.32	1A	571		24	24	14	-5686		428L	12
ANTENNA ON OL ASR/PAR	392358.29	0775919.60	1A	583		36	36	26	-5202		262R	14
TREE	392404.97	0775921.35	1A	574		27	27	17	-5106		425L	29
TREE	392406.14	0775917.01	1A	570		23	23	13	-4746		258R	21
TREE	392401.56	0775913.69	1A	569		22	22	12	-4654		257R	20
TREE	392409.33	0775846.08	1A	550		3	3	-7	-2348		267L	19
TREE	392409.10	0775844.04	1A	564		17	17	7	-2205		243L	8
OL GLIDE SLOPE	392413.38	0775830.39	1A	573		26	26	16	-1050		319L	21
RADAR REFLECTOR	392417.13	0775817.91	1A	550		3	3	-7			265L	28
RADAR REFLECTOR	392421.34	0775817.82	1A	549		2	2	-8	0		232L	3
TREE	392418.68	0775807.06	1A	564		17	17	7	147		168R	2
TREE	392428.57	0775809.30	1A	587		40	40	30	855		366L	4
TREE	392421.57	0775804.97	1A	563		16	16	6	1021		637R	24
TREE	392418.26	0775757.68	1A	586		39	39	29	1106		144L	-2
TREE	392423.09	0775756.53	1A	584		37	37	27	1536		649L	12
									1783		219L	5

AIRPORT ELEVATION 557

17 SUPLC 544/552 392428.188N 0775922.343W 3403633

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	392339.46	0775902.81	1A	573		29	21	16	-5159		191R	31
TREE	392343.82	0775905.80	1A	578		34	26	21	-4666		266R	35
TREE	392351.52	0775909.07	1A	561		17	9	4	-3845		249R	17
TREE	392356.64	0775911.29	1A	565		21	13	8	-3299		241R	20
TREE	392401.56	0775913.69	1A	569		25	17	12	-2767		254R	23
TREE	392421.39	0775915.79	1A	575		31	23	18	-820		257L	24
TREE	392425.76	0775917.90	1A	581		37	29	24	-348		247L	33
TREE	392434.74	0775929.19	1A	556		12	4	-1	804		287R	-6
TREE	392443.74	0775928.79	1A	574		30	22	17	1652		45L	-13
TREE	392451.38	0775928.58	1A	601		57	49	44	2376		317L	-7
TREE	392503.35	0775938.09	1A	609		65	57	52	3766		15L	-40

35 SUPLC 542/548 392341.570N 07759 1.196W 1603646

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	392425.76	0775917.90	1A	581		39	33	24	-4653		247R	33
TREE	392421.39	0775915.79	1A	575		33	27	18	-4180		257R	24
TREE	392401.56	0775913.69	1A	569		27	21	12	-2233		254L	23
TREE	392356.64	0775911.29	1A	565		23	17	8	-1702		241L	20
TREE	392351.52	0775909.07	1A	561		19	13	4	-1155		249L	17
TREE	392343.82	0775905.80	1A	578		36	30	21	-335		266L	35
TREE	392339.46	0775902.81	1A	573		31	25	16	159		191L	31
TREE	392337.38	0775859.63	1A	561		19	13	4	441		25L	12
TREE	392335.51	0775902.66	1A	582		40	34	25	540		312L	30
TREE	392336.62	0775856.27	1A	586		44	38	29	601		198R	32
TREE	392336.90	0775854.80	1A	589		47	41	32	612		317R	35
TREE	392335.52	0775854.16	1A	592		50	44	35	761		318R	34
TREE	392327.96	0775853.19	1A	593		51	45	36	1508		136R	13
TREE	392326.58	0775851.69	1A	592		50	44	35	1678		200R	7
TREE	392303.13	0775839.94	1A	645		103	97	88	4223		284R	15

AIRPORT ELEVATION 557

ARP 392406.598N 0775905.457W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE
SILO	392356.75	0780013.28	1A	601		44	268	42	5417
TREE	392346.77	0780118.84	1B	700		143	268	28	10661
STACK	392315.93	0780106.46	1B	674		117	250	57	10795
TREE	392521.27	0780047.18	1B	767		210	322	44	10992
TREE	392504.29	0780104.33	1B	767		210	311	21	11006
TREE	392500.90	0780109.65	1B	766		209	308	43	11189
TREE	392444.37	0780126.86	1B	768		211	298	19	11739
STACK	392602.35	0775852.06	2A	716	206	159	14	26	11758
TREE	392419.71	0780201.52	2C	771		214	284	48	13884
TREE	392406.27	0780206.67	2C	787		230	279	11	14225

OC0249

AIRPORT ELEVATION 557

ARP 392406.598N 0775905.457W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
ROD ON OL ANTENNA	392357.02	0775856.76	1A	627		70	154 8	1185
ANTENNA ON OL CONTROL TR	392418.07	0775909.26	1A	613		56	354 51	1198
TREE	392404.49	0775850.11	1A	579		22	109 19	1223
TREE	392414.07	0775919.90	1A	573		16	312 59	1362
OL ON LIGHT STANDARD	392421.01	0775907.63	1A	631		74	2 37	1468
ANTENNA ON OL AIRPORT BCN	392357.20	0775851.15	1A	622		65	139 33	1471
TREE	392417.78	0775921.56	1A	584		27	321 7	1696
ROD ON HANGAR	392349.21	0775856.45	1A	593		36	167 25	1896
TREE	392419.21	0775924.22	1A	615		58	320 12	1948
TREE	392425.52	0775915.22	1A	586		29	347 29	2062
OL ON HANGAR	392423.89	0775849.03	1A	579		22	45 41	2173
ANTENNA ON OL POLE	392429.64	0775913.74	1A	648		91	353 43	2420
TREE	392424.86	0775925.56	1A	589		32	328 48	2430
TREE	392429.93	0775918.03	1A	592		35	346 37	2559
TREE	392341.98	0775855.83	1A	567		10	172 25	2603
TREE	392428.29	0775926.17	1A	569		12	332 46	2731
TREE	392340.33	0775855.60	1A	561		4	173 4	2768
TREE	392432.81	0775919.03	1A	562		5	347 25	2858
TREE	392429.75	0775929.04	1A	585		28	330 59	2986
TREE	392337.26	0775853.27	1A	588		31	171 26	3119
TREE	392335.96	0775852.60	1A	598		41	171 16	3260
ANTENNA ON OL BUILDING	392348.93	0775943.41	1A	594		37	248 20	3475
TREE	392334.11	0775849.12	1A	610		53	167 59	3529
POLE	392333.39	0775851.36	1A	584		27	171 4	3537
TREE	392407.55	0775819.66	1A	624		67	97 46	3596
TREE	392359.62	0775954.17	1A	580		23	268 51	3889
ANTENNA	392438.61	0775933.73	1A	576		19	334 53	3926
TREE	392427.40	0775812.70	1A	572		15	72 22	4645
TREE	392427.88	0775811.49	1A	570		13	72 21	4752
TREE	392429.09	0775808.81	1A	594		37	72 12	4995
TREE	392413.50	0775802.12	1A	595		38	91 18	5021
TREE	392430.35	0775805.32	1A	586		29	72 19	5297