

OBSTRUCTION DATA SHEET

ODS 5125
WESTMORELAND COUNTY AIRPORT
LATROBE, PENNSYLVANIA

DIGITIZED FROM

OC 5125
SURVEYED NOVEMBER 1993
6TH 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.

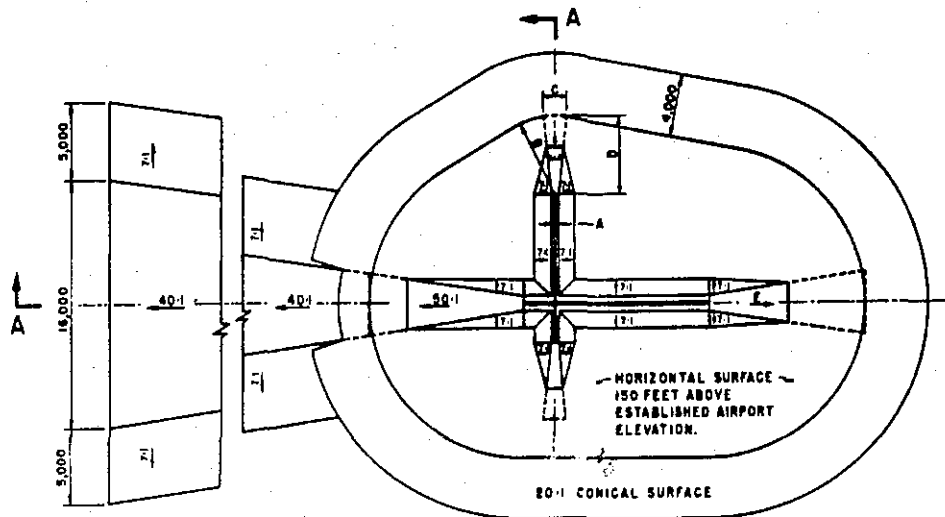
ODS information is arranged as follows:

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.

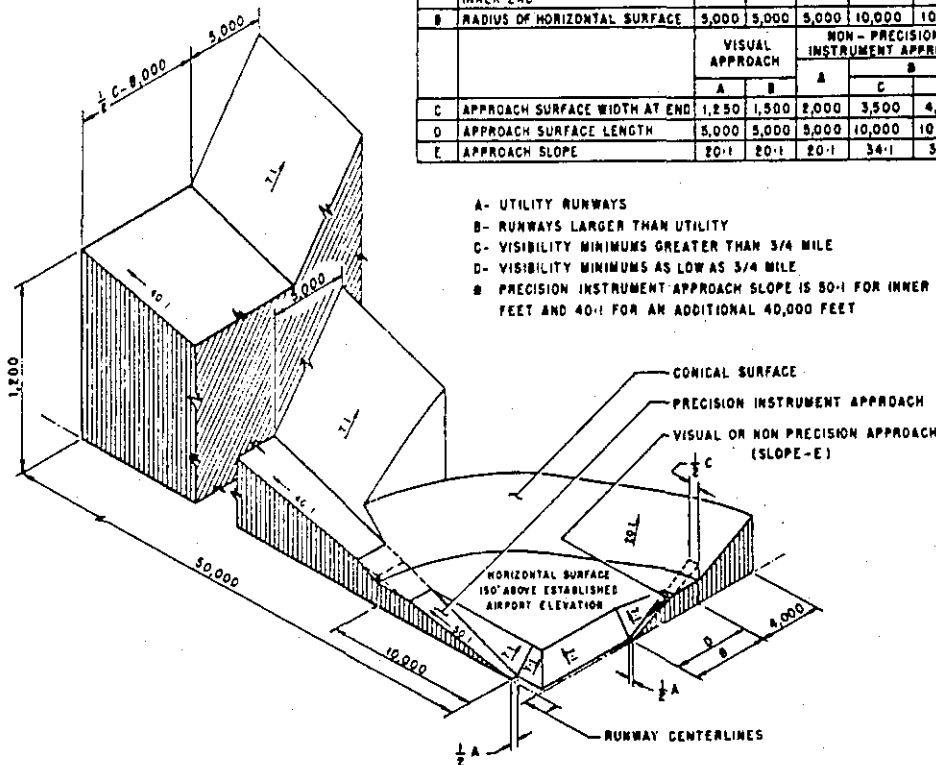
The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows:

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	C	D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	300	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	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

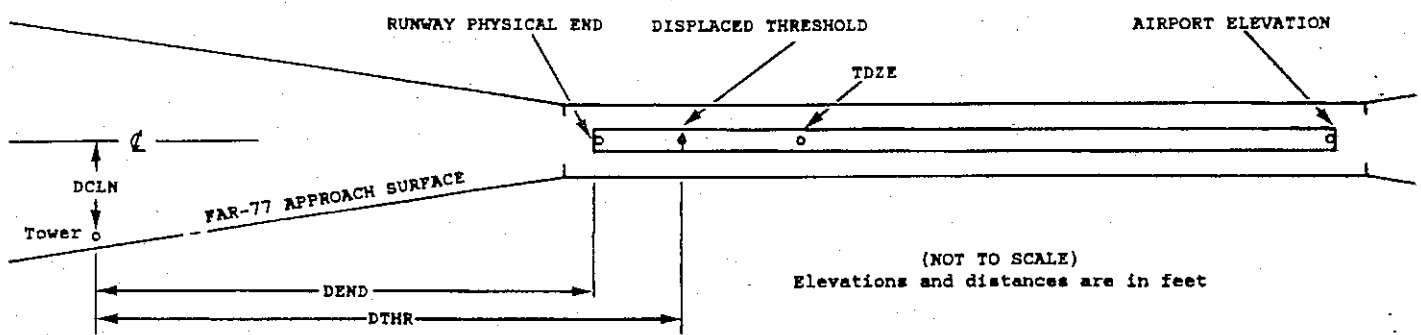
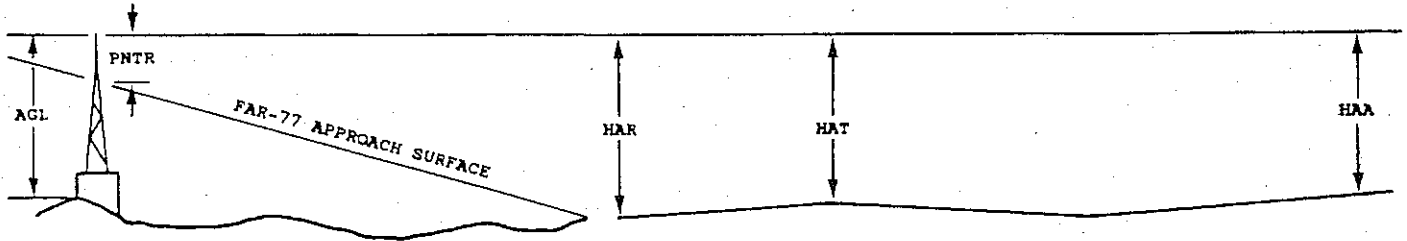
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

1 X	2 X	3 XXXX/XXXX	4 XXXXXXXX.XXX	4 XXXXXXXX.XXX	5 XXXXXXXX	6 XXXX/XXXX	7 XXXXXXXX.XXX	7 XXXXXXXX.XXX	8 A	9 ELEV	10 AGL	11 HAR	11 HAT	11 HAA	12 DEND	12 DTHR	12 DCLN	13 PNTR
XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXX.XXX	XXXXXXXX.XXX	XX XXXX XXXX	XXX XXX XXX	XXXXX XXXXX	XXXX XXXX	XXXX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXX.XXX	XXXXXXXX.XXX	XX XXXX XXXX	XXX XXX XXX	XXXXX XXXXX	XXXX XXXX	XXXX	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).

OC5125

AIRPORT ELEVATION 1185

3 AV 1141/1141 401624.308 -792402.786 194255.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
POLE	401613.85	-792405.01	1A	1193		52	52	8	1054		195R	9
TREE	401611.18	-792409.41	1A	1206		65	65	21	1424		36L	4

21 AV 1139/1141 401657.757 -792347.135 1994305.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
APP LT	401701.18	-792346.24	1A	1143		4	2	-42	350		52R	-3

5 C 1185/1185 401605.331 -792501.086 454612.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	401653.28	-792404.50	1A	1146		-39	-39	-39	-6527		418L	11
ROD ON OL GS	401643.36	-792404.99	1A	1167		-18	-18	-18	-5800		275R	37
TREE	401638.61	-792423.30	1A	1156		-29	-29	-29	-4447		370L	20
OL ON AMOM	401632.18	-792420.03	1A	1160		-25	-25	-25	-4176		273R	22
TREE	401630.72	-792435.52	1A	1176		-9	-9	-9	-3212		459L	33
TREE	401627.39	-792438.87	1A	1158		-27	-27	-27	-2791		399L	13
TREE	401624.05	-792444.22	1A	1164		-21	-21	-21	-2258		445L	14
GROUND	401607.59	-792503.28	1A	1185		0	0	0	-38		283L	1
GROUND	401600.07	-792458.89	1A	1187		2	2	2	250		500R	1
OL ON LOC	401600.85	-792507.10	1A	1204		19	19	19	650		OR	6
ANT ON BLDG	401558.35	-792505.63	1A	1208		23	23	23	745		260R	7
GROUND	401552.86	-792517.32	1A	1233		48	48	48	1782		27R	2
POLE	401548.65	-792512.08	1A	1234		49	49	49	1788		615R	3
TREE	401547.13	-792517.72	1A	1247		62	62	62	2209		420R	3
TREE	401541.36	-792523.82	1A	1264		79	79	79	2955		509R	-2
TREE	401545.48	-792541.89	1A	1303		118	118	118	3668		767L	17
TREE	401543.01	-792539.61	1A	1297		112	112	112	3715		464L	9

OC5125

AIRPORT ELEVATION 1185

23 PIR 1138/1139 401653.578 -792356.366 2254654.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	401607.59	-792503.28	1A	1185		47	46	0	-6962		283R	1
TREE	401624.05	-792444.22	1A	1164		26	25	-21	-4742		445R	14
TREE	401627.39	-792438.87	1A	1158		20	19	-27	-4208		399R	13
TREE	401630.72	-792435.52	1A	1176		38	37	-9	-3788		459R	33
OL ON AMOM	401632.18	-792420.03	1A	1160		22	21	-25	-2824		273L	22
TREE	401638.61	-792423.30	1A	1156		18	17	-29	-2553		370R	20
ROD ON OL GS	401643.36	-792404.99	1A	1167		29	28	-18	-1200		275L	37
TREE	401653.28	-792404.50	1A	1146		8	7	-39	-473		418R	11
APP LT	401701.18	-792346.24	1A	1143		5	4	-42	1099		4R	-13
ELEC EQUIP ON BLDG	401658.69	-792337.44	1A	1167		29	28	-18	1412		652L	5
LIGHT	401659.77	-792336.40	1A	1172		34	33	-13	1546		630L	7
LIGHT	401701.61	-792336.79	1A	1170		32	31	-15	1654		475L	3
TREE	401707.40	-792338.34	1A	1173		35	34	-12	1977		28R	-1
OL ON BLDG	401707.00	-792334.18	1A	1185		47	46	0	2180		226L	7
OL ON POLE	401709.98	-792329.57	1A	1196		58	57	11	2646		258L	9
TREE	401710.90	-792328.41	1A	1200		62	61	15	2775		254L	11
TREE	401731.19	-792323.50	1A	1240		102	101	55	4480		952R	16

OC5125

AIRPORT ELEVATION 1185

ARP 401633.384 -792417.270

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
WSK	401629.55	-792418.51	1A	1160		-25	20238	400
ANT ON OL ATCT	401629.05	-792417.13	1A	1223		38	18715	439
TREE	401622.39	-792406.61	1A	1150		-35	15205	1386
TREE	401634.98	-792436.55	1A	1191		6	28452	1503
TREE	401631.21	-792354.83	1A	1195		10	10555	1754
TREE	401628.03	-792351.38	1A	1251		66	11348	2079
TREE	401615.09	-792404.36	1A	1207		22	16018	2104
TREE	401616.00	-792401.38	1A	1231		46	15342	2147
TREE	401640.36	-792351.10	1A	1183		-2	7930	2148
TREE	401622.14	-792353.29	1A	1294		109	13009	2179
TREE	401616.83	-792358.91	1A	1246		61	14821	2198
TREE	401613.61	-792403.46	1A	1227		42	16033	2269
TREE	401640.34	-792348.61	1A	1210		25	8106	2330
TREE	401626.81	-792348.35	1A	1269		84	11514	2338
TREE	401611.87	-792404.81	1A	1221		36	16446	2382
TREE	401615.83	-792354.90	1A	1274		89	14423	2482
ROD ON OL APBN	401642.00	-792346.96	1A	1188		3	7819	2506
TREE	401609.56	-792406.08	1A	1228		43	16854	2562
TREE	401623.63	-792450.96	1A	1218		33	25759	2792
OL ON HANGAR	401649.76	-792344.80	1A	1183		-2	6519	3013
TREE	401602.42	-792408.39	1A	1244		59	17618	3208
VENT ON OL HANGAR	401654.87	-792342.29	1A	1175		-10	5958	3476
TREE	401603.06	-792445.63	1A	1254		69	22418	3775
TREE	401616.47	-792507.02	1A	1232		47	25445	4219
TREE	401559.06	-792453.90	1A	1253		68	22758	4486
TREE	401557.16	-792454.80	1A	1265		80	22708	4679
TREE	401555.13	-792459.56	1A	1250		65	22857	5072
TREE	401605.44	-792514.47	1A	1261		76	24610	5259
OL ON TWR	401614.55	-792309.44	1A	1339		154	11836	5592
OL ON TWR	401609.62	-792309.94	1A	1323		138	12326	5746
TREE	401549.63	-792507.00	1A	1253		68	22944	5870
ROD ON SPIRE	401733.84	-792403.34	1A	1256		71	1842	6212
TREE	401546.47	-792512.16	1A	1244		59	23034	6375
BUSH	401557.87	-792526.26	1A	1256		71	24448	6443
TREE	401717.39	-792525.72	1A	1328		143	31842	6926
TREE	401627.89	-792557.70	1A	1403		218	27437	7804
TREE	401551.86	-792547.03	1A	1353		168	24734	8128
TREE	401606.68	-792605.39	1A	1397		212	26050	8805
TREE	401557.44	-792601.95	1A	1405		220	25433	8892
TREE	401547.40	-792601.67	1A	1394		209	24848	9335
TREE	401607.84	-792616.36	1B	1386		201	26304	9586

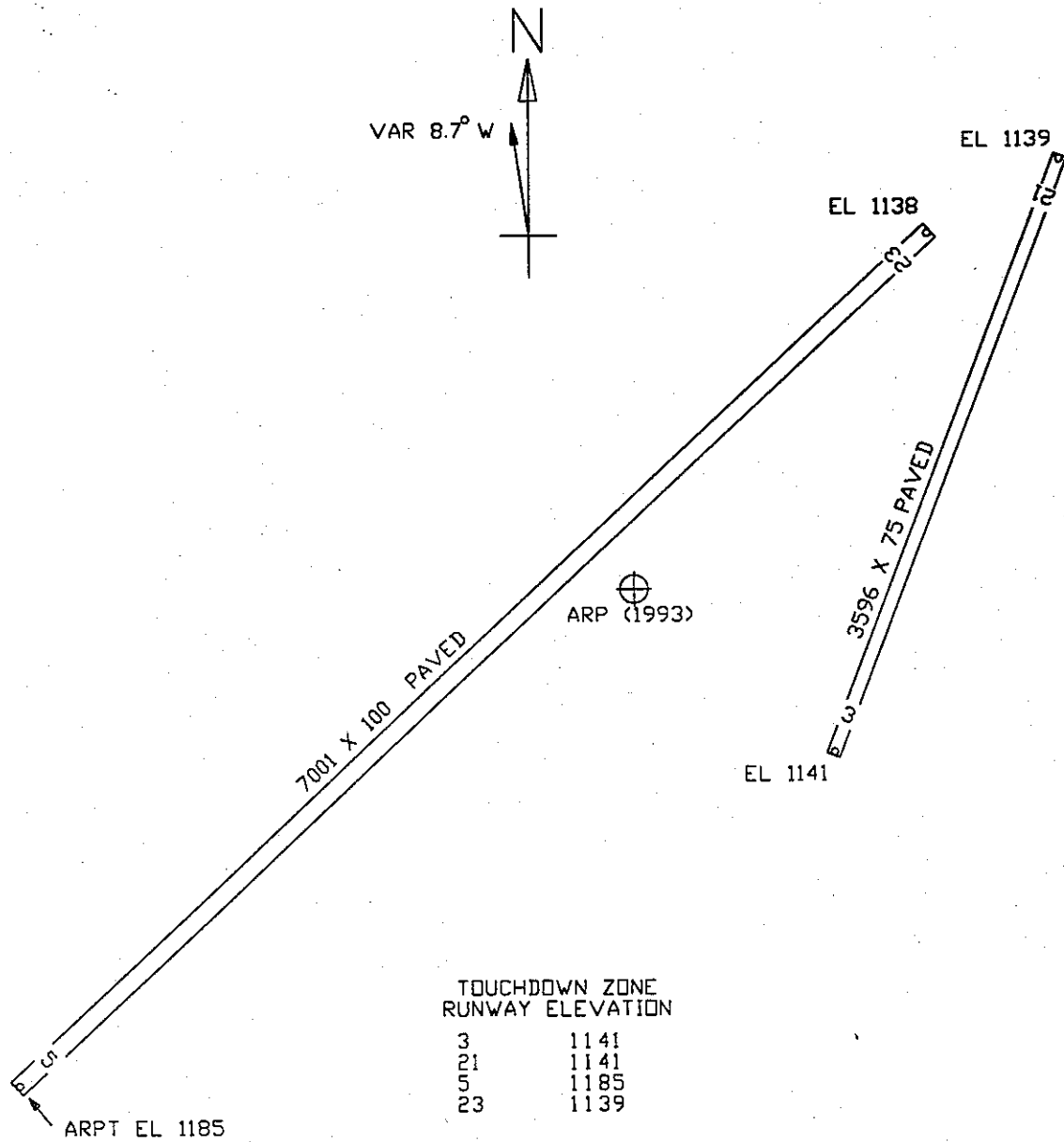
OC5125

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AIRPORT ELEVATION 1185

ARP 401633.384 -792417.270

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
TREE	401553.13	-792617.40	1C	1374		189	25505	10164
TREE	401543.83	-792627.94	1A	1402		217	25222	11302
TREE	401607.49	-792646.33	1C	1360		175	26556	11847
TREE	401544.03	-792638.41	1A	1406		221	25410	12026
TREE	401616.45	-792653.09	1A	1342		157	27038	12198
TREE	401633.31	-792657.44	1A	1344		159	27840	12414
TREE	401506.88	-792218.52	1A	1554		369	14214	12703
TREE	401530.36	-792642.49	1C	1408		223	24910	12938
TREE	401810.56	-792609.82	1A	1463		278	32708	13144
TREE	401425.71	-792459.46	1C	1356		171	20254	13327
TREE	401436.60	-792243.41	1C	1628		443	15704	13878
TREE	401527.24	-792139.46	1A	1653		468	12722	13944
TREE	401536.45	-792132.53	1A	1698		513	12258	14009
TREE	401618.14	-792112.78	1A	1585		400	10450	14383
TREE	401523.93	-792705.32	1C	1418		233	25022	14802



WESTMORELAND COUNTY AIRPORT
 LATROBE, PENNSYLVANIA
 (NOT TO SCALE)
 (ELEVATIONS AND DISTANCES IN FEET)