OBSTRUCTION DATA SHEET

ODS 94
PORT COLUMBUS INTERNATIONAL AIRPORT
COLUMBUS, OHIO

DIGITIZED FROM

OC 94
SURVEYED SEPTEMBER 1990
10TH EDITION

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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).

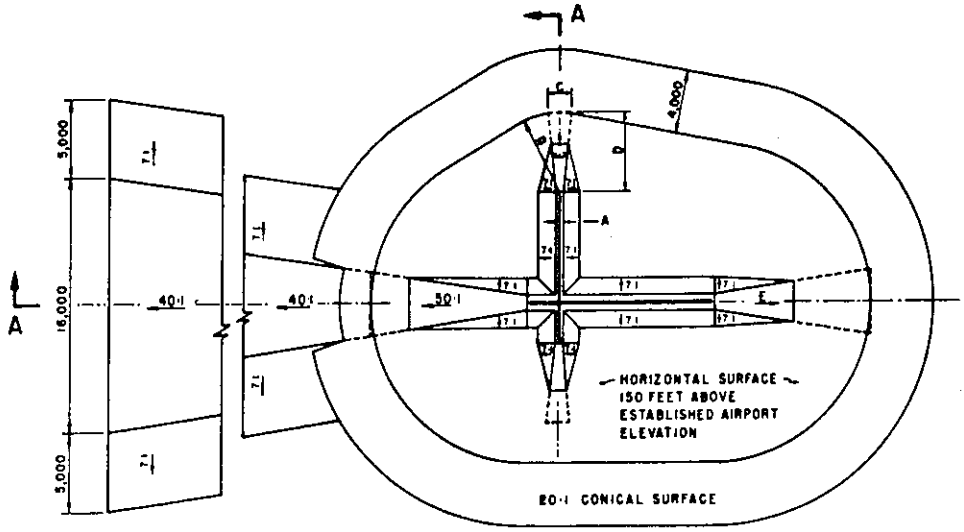
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

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)

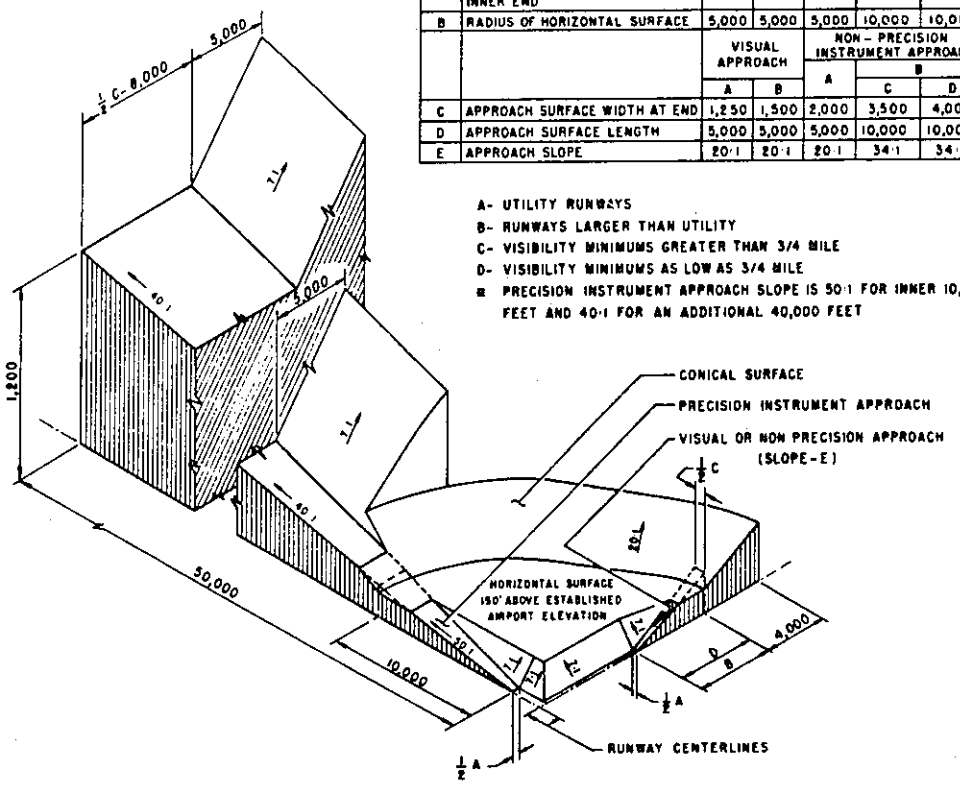
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

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	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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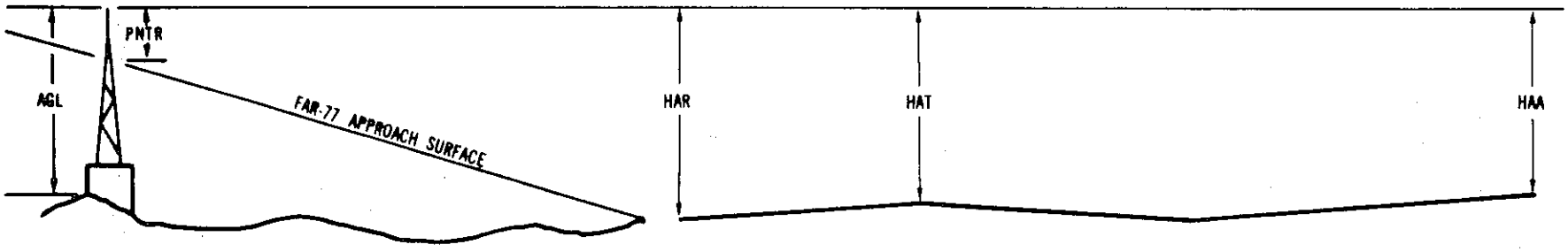
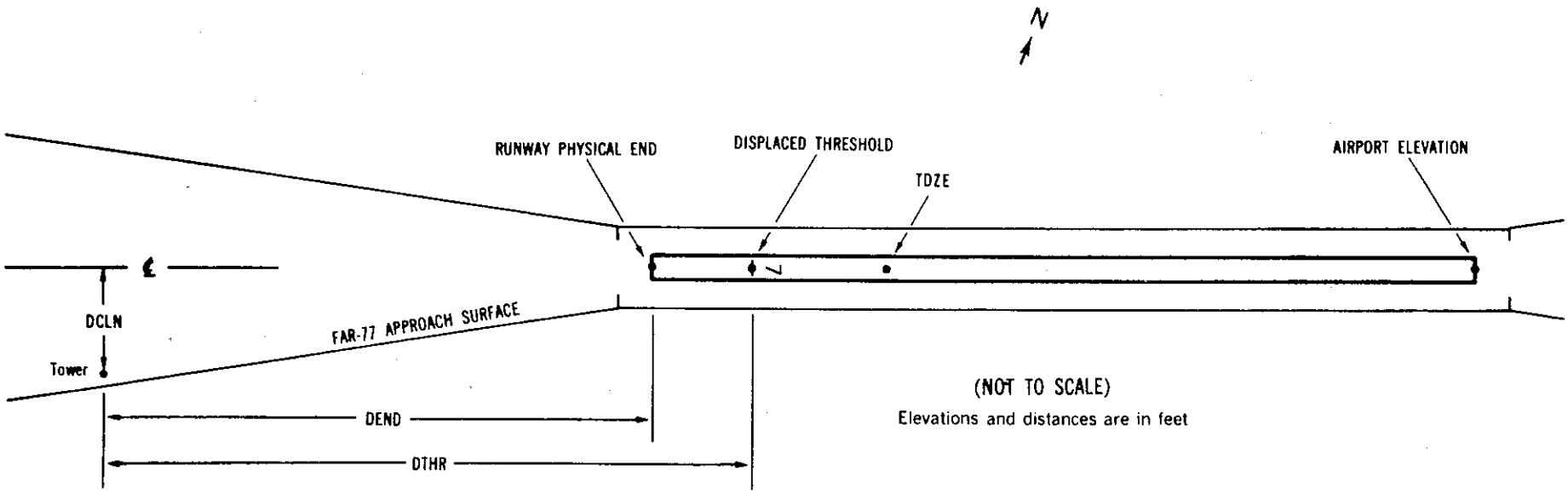




(NOT TO SCALE)

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 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).

OC0094

AIRPORT ELEVATION 815

5 SUPLC 805/ 395915.231N 0825258.124W 2300625 806/814 395917.703N 0825254.279W

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WINDSOCK	395934.72	0825231.47	1A	823		18	9	8	-2857	-2467	182L	10
ROAD (N)	395913.70	0825256.53	1A	820		15	6	5	4	394	198R	15
OL ON POLE	395914.11	0825258.39	1A	819		14	5	4	89	479	74R	14
ROAD (N)	395913.83	0825300.35	1A	821		16	7	6	224	614	2L	15
LIGHT STANDARD	395915.74	0825302.53	1A	819		14	5	4	230	620	259L	13
OL ON POLE	395914.19	0825301.07	1A	818		13	4	3	244	634	66L	12
LIGHT STANDARD	395915.07	0825304.06	1A	833		28	19	18	365	755	284L	23
TREE	395908.17	0825302.37	1A	854		49	40	39	712	1102	337R	34
TREE	395908.25	0825303.79	1A	856		51	42	41	791	1181	259R	34
TREE	395908.07	0825305.86	1A	860		55	46	45	926	1316	169R	34
RAILROAD	395908.50	0825308.70	1A	831		26	17	16	1069	1459	5L	1
POLE	395905.65	0825311.79	1A	869		64	55	54	1438	1828	61R	28
POLE	395901.00	0825312.30	1A	876		71	62	61	1770	2160	397R	25
OL POLE	395903.90	0825327.72	1A	875		70	61	60	2503	2893	597L	2

23 SUPLC 812/ 395943.645N 0825213.928W 0500654 812/814 395940.001N 0825219.596W

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON POLE	395914.11	0825258.39	1A	819		7	5	4	-4572	-3997	74L	14
ROAD (N)	395913.70	0825256.53	1A	820		8	6	5	-4487	-3912	198L	15
OL ON WINDSOCK	395934.72	0825231.47	1A	823		11	9	8	-1627	-1052	182R	10
FENCE	395943.22	0825209.61	1A	816		4	2	1	230	805	248L	3
ROAD (N)	395943.94	0825208.51	1A	824		12	10	9	343	917	248L	8
TREE	395947.35	0825205.19	1A	870		58	56	55	762	1337	148L	41
TREE	395950.36	0825207.16	1A	840		28	26	25	840	1415	183R	9
TREE	395948.34	0825203.14	1A	886		74	72	71	949	1524	174L	52
TREE	395947.65	0825159.97	1A	887		75	73	72	1093	1668	386L	49
TREE	400029.81	0825045.93	1B	995		183	181	180	8251	8826	805L	-54
TREE	400026.67	0825041.06	1B	1019		207	205	204	8338	8913	1292L	-32
TREE	400039.28	0825045.44	1B	985		173	171	170	8894	9469	95L	-83

OC0094

AIRPORT ELEVATION 815

10L PIR 815/815 400010.584N 0825415.053W 2741147

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	400011.14	0825256.79	1A	816		1	1	1	-6070		502L	4
ROD ON BUILDING	400007.29	0825428.42	1A	825		10	10	10	1013		408R	-6
POLE	400006.82	0825447.10	1A	852		37	37	37	2459		562R	-8
ROD ON ANEMOMETER	400011.68	0825452.86	1A	865		50	50	50	2943		104R	-5
TREE	400005.56	0825455.15	1A	868		53	53	53	3075		735R	-5
TREE	400018.11	0825454.54	1A	872		57	57	57	3120		535L	-1
TREE	400009.06	0825457.87	1A	880		65	65	65	3312		398R	3
TREE	400015.68	0825459.16	1A	880		65	65	65	3461		264L	-1
TREE	400023.65	0825502.55	1A	893		78	78	78	3783		1049L	6
TREE	400008.70	0825510.81	1A	896		81	81	81	4314		507R	-1
TREE	400024.11	0825512.17	1A	902		87	87	87	4533		1040L	1
TREE	400011.42	0825531.20	1A	928		113	113	113	5916		349R	-1

28R C 812/814 400006.238N 0825258.161W 0941236

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	400011.14	0825256.79	1A	816		4	2	1	70		502R	4
OL ON DME	400003.18	0825247.48	1A	827		15	13	12	852		248L	-4
OL ON LOCALIZER	400005.51	0825245.33	1A	818		6	4	3	1001		0L	-18
TREE	400002.50	0825236.66	1A	861		49	47	46	1697		254L	5
TREE	400001.68	0825236.26	1A	862		50	48	47	1734		335L	5
TREE	400008.51	0825224.27	1A	881		69	67	66	2614		423R	-2
TREE	400005.46	0825222.49	1A	893		81	79	78	2775		125R	5
TREE	400002.72	0825222.33	1A	889		77	75	74	2807		150L	1
TREE	395955.88	0825208.63	1A	888		76	74	73	3921		762L	-33

OC0094

AIRPORT ELEVATION 815

10R PIR 803/810 395943.826N 0825432.532W 2741141

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	395931.16	0825213.24	1A	821		18	11	6	-10906		483R	7
OL ON WINDSOCK	395934.72	0825231.47	1A	823		20	13	8	-9465		228R	10
OL ON GLIDE SLOPE	395942.15	0825235.46	1A	856		53	46	41	-9100		499L	43
OL ON GLIDE SLOPE	395939.71	0825421.01	1A	852		49	42	37	-925		350R	47
ANTENNA ON BUILDING	395947.70	0825447.10	1A	821		18	11	6	1160		308L	-1
POLE	395950.64	0825447.05	1A	832		29	22	17	1177		605L	9
OL POLE	395949.74	0825447.19	1A	834		31	24	19	1182		514L	11
TREE	395942.65	0825452.42	1A	839		36	29	24	1535		232R	9
TREE	395949.26	0825458.98	1A	840		37	30	25	2094		398L	-1
TREE	395953.16	0825500.55	1A	882		79	72	67	2244		782L	38
ROD ON OL ANEMOMETER	395946.58	0825510.87	1A	855		52	45	40	2996		60L	-4
TREE	395943.27	0825513.30	1A	870		67	60	55	3160		288R	8
TREE	395954.16	0825528.23	1A	889		86	79	74	4400		726L	2
TREE	395938.77	0825537.02	1A	893		90	83	78	4969		877R	-5

AIRPORT ELEVATION 815

28L PIR 814/ 395936.069N 0825215.422W 0941309 814/814 395936.397N 0825221.198W

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GLIDE SLOPE	395939.71	0825421.01	1A	852		38	38	37	-9775	-9325	350L	47
OL ON GLIDE SLOPE	395942.15	0825235.46	1A	856		42	42	41	-1601	-1150	499R	43
OL ON WINDSOCK	395934.72	0825231.47	1A	823		9	9	8	-1235	-785	228L	10
FENCE	395931.16	0825213.24	1A	821		7	7	6	206	656	483L	7
OL LOCALIZER	395935.77	0825210.21	1A	818		4	4	3	407	858	0L	-1
OL ON BUILDING	395932.09	0825210.48	1A	824		10	10	9	413	864	374L	6
ROAD (N)	395935.58	0825209.16	1A	828		14	14	13	490	940	13L	8
ROAD (N)	395935.51	0825207.64	1A	827		13	13	12	608	1059	12L	5
TREE	395929.60	0825158.56	1A	840		26	26	25	1357	1807	556L	3
TREE	395932.30	0825157.95	1A	839		25	25	24	1384	1835	280L	1
TREE	395929.89	0825152.75	1A	844		30	30	29	1806	2257	494L	-2
TREE	395927.23	0825143.20	1A	859		45	45	44	2567	3018	707L	-2
TREE	395929.81	0825141.42	1A	866		52	52	51	2686	3137	437L	2
TREE	395942.01	0825131.32	1A	878		64	64	63	3379	3830	852R	1
TREE	395939.51	0825129.91	1A	878		64	64	63	3507	3958	608R	-2
TREE	395935.29	0825126.26	1A	881		67	67	66	3822	4273	203R	-5
TREE	395936.58	0825053.21	1A	934		120	120	119	6378	6828	523R	-4
TREE	395938.09	0825031.96	1A	980		166	166	165	8016	8467	797R	10
TREE	395934.32	0825028.18	1A	993		179	179	178	8337	8788	439R	16
TREE	395921.23	0825021.28	1A	976		162	162	161	8971	9422	843L	-13
TREE	395912.00	0825020.96	1A	983		169	169	168	9065	9516	1772L	-8

OC0094

AIRPORT ELEVATION 815

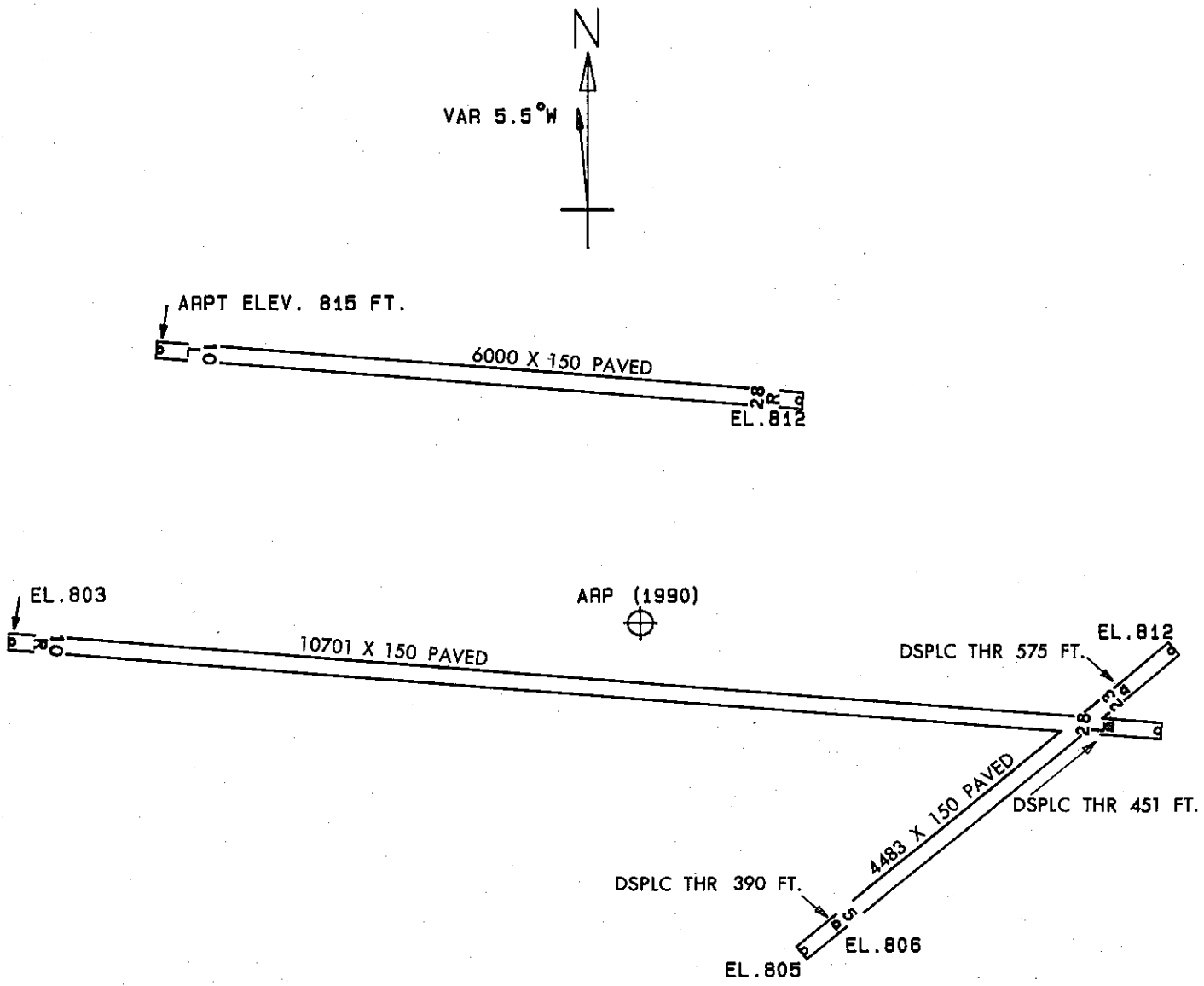
ARP 395945.789N 0825317.406W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
OL ON HANGAR	395948.90	0825317.03	1A	862		47	10 51	316
ANTENNA & APBN ON OL ATCT	395952.75	0825300.65	1A	932		117	67 8	1482
ROD ON OL ASR	395958.36	0825342.25	1A	891		76	308 50	2315
LIGHT STANDARD	395955.13	0825249.71	1A	876		61	71 49	2353
ANTENNA ON OL TOWER	395926.58	0825256.81	1A	897		82	145 59	2519
ANTENNA ON BUILDING	395925.14	0825337.71	1A	907		92	222 36	2620
OL ON BUILDING	395917.31	0825305.76	1A	864		49	168 2	3021
OL ANTENNA	395917.21	0825328.85	1B	953		138	202 37	3026
TREE	395912.97	0825309.53	1A	872		57	175 3	3377
TREE	400017.14	0825334.31	1A	886		71	342 58	3435
TREE	400015.32	0825255.23	1A	864		49	35 31	3451
OL BUILDING	395911.17	0825256.77	1A	832		17	160 52	3853
TREE	400001.98	0825402.56	1A	877		62	300 30	3877
TREE	395912.60	0825248.39	1A	868		53	151 35	4047
OL ON GLIDE SLOPE	400015.36	0825402.98	1A	844		29	315 39	4640
TREE	395947.42	0825216.62	1A	891		76	93 30	4734
TREE	400014.25	0825227.48	1A	884		69	58 57	4837
ROD ON OL TOWER	395959.67	0825418.18	1A	872		57	292 3	4934
POLE	395948.98	0825212.78	1A	833		18	91 50	5040
OL ON POLE	395949.97	0825211.29	1A	835		20	90 47	5163
VENT ON OL HANGAR	395929.10	0825212.93	1A	858		43	114 5	5295
OL ANTENNA	400017.18	0825219.35	1A	907		92	60 23	5523
OL ON POLE	395941.96	0825206.59	1A	836		21	99 31	5525
TREE	400021.78	0825413.72	1A	901		86	315 14	5698
TREE	395945.72	0825200.81	1A	892		77	95 34	5961
FLAG ON OL HOPPER	395918.26	0825206.48	1B	905		90	122 16	6184
TREE	395925.98	0825159.70	1A	888		73	113 50	6371
TREE	395927.70	0825155.86	1A	855		40	111 35	6606
TREE	395924.60	0825145.22	1A	873		58	112 8	7489
TREE	395936.37	0825453.89	1A	881		66	268 16	7569
TREE	395958.74	0825040.20	1B	980		165	89 22	12305
TREE	400018.94	0825040.65	1B	1003		188	80 7	12652
TREE	395948.00	0825020.80	1B	1000		185	94 33	13747

AIRPORT ELEVATION 815

ARP 395945.789N 0825317.406W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	395911.10	0825021.32	1B	995		180	109 51	14148
ANTENNA ON OL BUILDING	395928.88	0825625.27	1B	958		143	268 51	14722
TREE	400031.31	0825016.54	2C	1004		189	77 22	14810
TREE	395953.26	0825006.37	1B	992		177	92 34	14887
OL ON WATER TANK	395857.39	0824941.15	2C	1045		230	111 42	17530



TOUCHDOWN ZONE RUNWAY	ELEVATION
5	814
23	814
10L	815
28R	814
10R	810
28L	814

PORT COLUMBUS INTERNATIONAL AIRPORT

COLUMBUS, OHIO

(NOT TO SCALE)