

OBSTRUCTION DATA SHEET

ODS 83
CINCINNATI MUNICIPAL AIRPORT-LUNKEN FIELD
CINCINNATI, OHIO

DIGITIZED FROM

OC 83
SURVEYED 2 DECEMBER 1992
10TH EDITION

HORIZONTAL DATUM NAD83
VERTICAL DATUM NGVD29



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

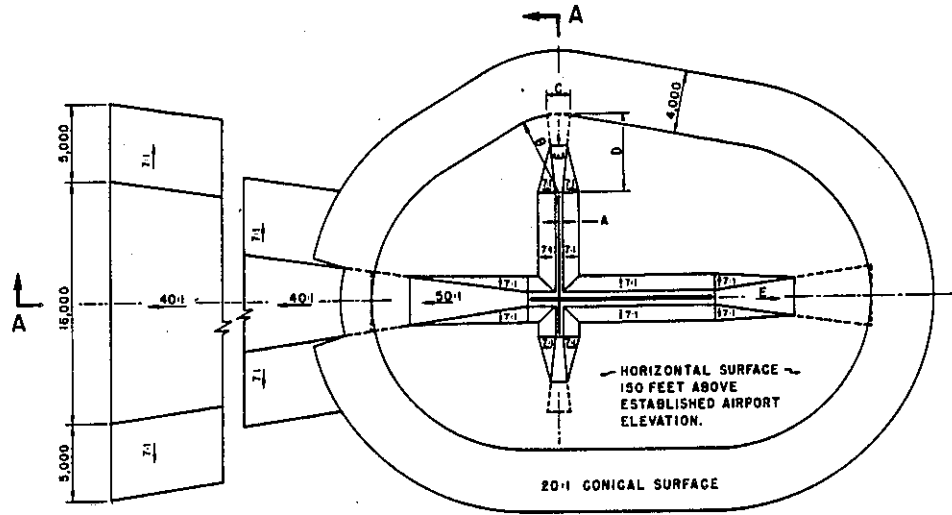
ODS information is arranged as follows:

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:

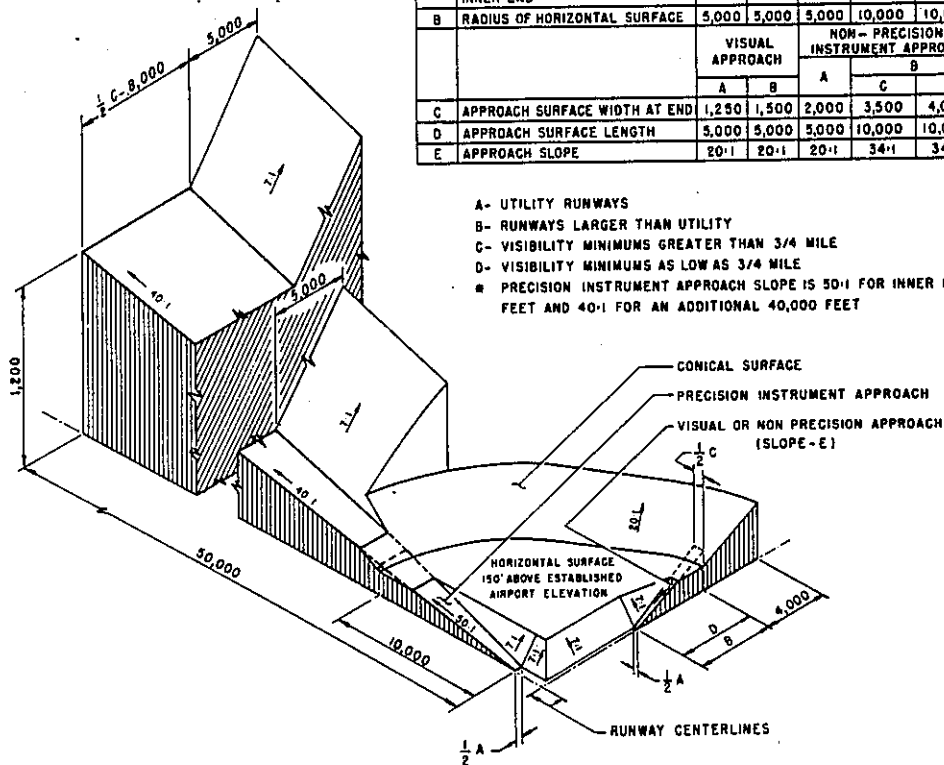
- A(V) Utility runway - visual approach only
- A(NP) Utility runway - nonprecision instrument approach
- B(V) Nonutility runway - visual approach only
- C Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
- D Nonutility runway- nonprecision instrument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

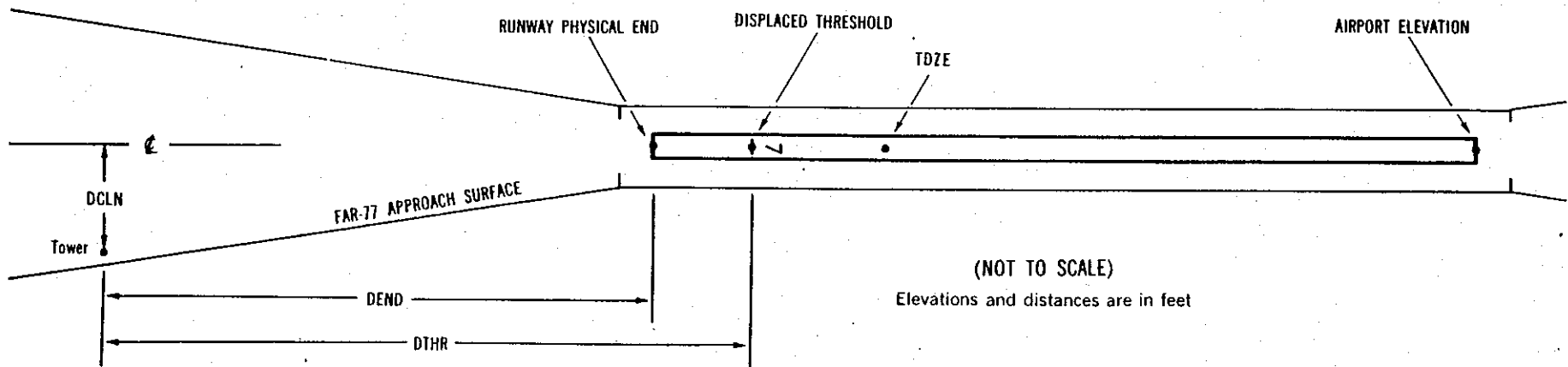
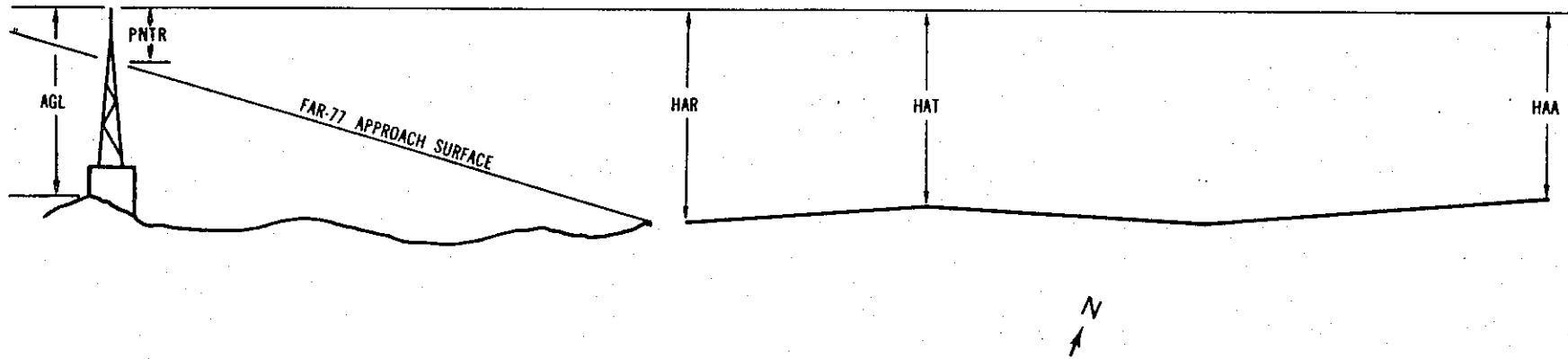
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

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	



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 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 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).

OC0083

AIRPORT ELEVATION 484

2L AV 484/ 484 390558.606 -842527.000 224202.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	390549.42	-842534.06	1A	534		50	50	50	1072		155L	7
TREE	390547.46	-842535.76	1A	561		77	77	77	1307		202L	22
TREE	390546.16	-842534.02	1A	555		71	71	71	1375		25L	12
TREE	390544.66	-842531.67	1A	555		71	71	71	1443		205R	9
TREE	390544.29	-842537.28	1A	560		76	76	76	1649		189L	4
TREE	390542.14	-842538.50	1A	568		84	84	84	1887		194L	0

20R AV 479/ 482 390633.268 -842508.388 2024214.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	390644.70	-842500.01	1A	530		51	48	46	1322		163L	-5
TREE	390649.29	-842457.79	1A	549		70	67	65	1817		145L	-11

OC0083

AIRPORT ELEVATION 484

2R C 482/ 482 390533.792 -842510.196 210029.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	390621.75	-842441.12	1A	517		35	35	33	-5351		400R	42
TREE	390624.34	-842451.50	1A	490		8	8	6	-5303		458L	15
ROD ON OL TMOM	390619.01	-842442.60	1A	491		9	9	7	-5051		391R	16
GROUND	390542.99	-842512.14	1A	482		0	0	-2	-814		476L	4
TREE	390535.11	-842514.41	1A	497		15	15	13	-5		358L	16
TREE	390530.90	-842504.87	1A	486		4	4	2	122		497R	5
TREE	390524.90	-842508.53	1A	499		17	17	15	792		445R	0
OL ON LOC	390524.51	-842514.77	1A	495		13	13	11	1005		0R	-10
OL ON DME	390522.26	-842512.10	1A	495		13	13	11	1143		278R	-14
TREE	390510.98	-842512.81	1A	561		79	79	77	2229		635R	20
TREE	390510.62	-842516.37	1A	550		68	68	66	2363		386R	5
TREE	390507.59	-842521.67	1A	570		88	88	86	2799		106R	12
TREE	390505.01	-842528.62	1A	571		89	89	87	3239		312L	0

OC0083

AIRPORT ELEVATION 484

20L PIR 476/ 476 390630.089 -842442.447 2010046.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	390530.90	-842504.87	1A	486		10	10	2	-6224		497L	5
TREE	390535.11	-842514.41	1A	497		21	21	13	-6096		358R	16
GROUND	390542.99	-842512.14	1A	482		6	6	-2	-5288		476R	4
ROD ON OL TMOM	390619.01	-842442.60	1A	491		15	15	7	-1050		391L	16
TREE	390624.34	-842451.50	1A	490		14	14	6	-799		458R	15
OL ON GS	390621.75	-842441.12	1A	517		41	41	33	-750		400L	42
TREE	390634.98	-842435.13	1A	491		15	15	7	668		361L	6
TREE	390637.61	-842439.75	1A	488		12	12	4	786		75R	1
TREE	390644.39	-842439.74	1A	520		44	44	36	1427		320R	20
TREE	390642.30	-842427.77	1A	518		42	42	34	1568		636L	15
TREE	390646.98	-842430.94	1A	528		52	52	44	1921		234L	18
TREE	390651.35	-842436.03	1A	536		60	60	52	2189		299R	21
TREE	390654.25	-842435.18	1A	537		61	61	53	2487		342R	16
TREE	390652.07	-842423.23	1A	546		70	70	62	2619		616L	22
TREE	390657.28	-842431.70	1A	557		81	81	73	2872		196R	28
TREE	390700.89	-842438.91	1A	547		71	71	63	3009		857R	15
TREE	390656.57	-842418.45	1A	556		80	80	72	3179		805L	21
TREE	390700.47	-842426.84	1A	552		76	76	68	3310		46L	14
TREE	390703.13	-842428.78	1A	559		83	83	75	3507		194R	17
TREE	390708.01	-842435.75	1A	560		84	84	76	3770		883R	13
TREE	390713.71	-842434.96	1A	560		84	84	76	4331		1032R	2
TRMSN TWR	390815.64	-842357.44	1A	675		199	199	191	11240		519R	-27
TRMSN TWR	390821.36	-842406.61	1A	692		216	216	208	11521		1401R	-17
STACK	390825.05	-842323.02	1A	709		233	233	225	13102		1671L	-39

OC0083

AIRPORT ELEVATION 484

6 SUPLC 482/ 390609.299 -842540.547 620444. 481/ 481 390611.326 -842535.640

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON OL HANGAR	390607.11	-842541.60	1A	518		36	37	34	177	615	157R	36
TREE	390606.80	-842542.45	1A	526		44	45	42	251	689	153R	42
ROAD (N)	390607.47	-842545.12	1A	499		17	18	15	405	843	5L	11
OL ON POLE	390606.51	-842546.94	1A	504		22	23	20	577	1015	14R	11
TREE	390604.35	-842545.61	1A	543		61	62	59	587	1025	256R	50
TREE	390608.14	-842548.35	1A	542		60	61	58	599	1037	184L	48
TREE	390603.56	-842551.63	1A	549		67	68	65	1044	1482	104R	42
TREE	390607.18	-842555.18	1A	553		71	72	69	1120	1557	351L	44
TREE	390605.45	-842554.08	1A	541		59	60	57	1125	1563	155L	32
SIGN	390559.64	-842553.19	1A	539		57	58	55	1338	1776	397R	23
POLE	390605.62	-842557.44	1A	529		47	48	45	1351	1789	295L	13
TREE	390605.13	-842558.55	1A	544		62	63	60	1452	1890	292L	25
TREE	390559.63	-842554.97	1A	543		61	62	59	1463	1900	332R	24
TREE	390604.17	-842600.98	1A	562		80	81	78	1666	2104	295L	37
TREE	390558.55	-842600.93	1A	553		71	72	69	1929	2367	209R	20
TREE	390555.63	-842636.38	1A	831		349	350	347	4536	4974	840L	221
POLE	390545.94	-842640.82	1A	796		314	315	312	5305	5743	137L	164
TREE	390540.87	-842647.52	1A	895		413	414	411	6012	6449	68R	242
TREE	390538.14	-842650.95	1A	913		431	432	429	6380	6818	186R	249
TREE	390544.58	-842702.69	1A	926		444	445	442	6893	7331	824L	247
ANT ON TWR	390530.69	-842706.07	1A	881		399	400	397	7787	8225	293R	176

OC0083

AIRPORT ELEVATION 484

24 C 475/ 478 390633.027 -842443.069 2420520.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON OL HANGAR	390607.11	-842541.60	1A	518		43	40	34	-5304		157L	36
TREE	390637.61	-842439.75	1A	488		13	10	4	448		287R	5
TREE	390634.98	-842435.13	1A	491		16	13	7	646		119L	3
TREE	390635.55	-842430.92	1A	519		44	41	35	966		223L	21
TREE	390636.67	-842426.89	1A	526		51	48	42	1299		271L	18
TREE	390642.30	-842427.77	1A	518		43	40	34	1504		265R	4
TREE	390644.08	-842425.08	1A	527		52	49	43	1776		325R	5
TREE	390646.36	-842423.24	1A	537		62	59	53	2013		460R	8
TREE	390644.20	-842413.95	1A	552		77	74	68	2557		76L	7
TREE	390649.29	-842413.51	1A	555		80	77	71	2829		364R	2
TREE	390645.40	-842403.82	1A	569		94	91	85	3320		342L	2
TREE	390648.96	-842403.19	1A	575		100	97	91	3532		46L	2
TREE	390659.04	-842306.79	1A	683		208	205	199	7938		1225L	-20

OC0083

AIRPORT ELEVATION 484

ARP 390612.039 -842507.011

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
BUSH	390610.96	-842458.98	1A	488		4	10338	642
BUSH	390617.69	-842455.54	1A	488		4	6135	1070
TREE	390600.13	-842504.08	1A	489		5	17303	1227
TREE	390604.12	-842448.08	1A	511		27	12207	1694
TREE	390612.94	-842443.66	1A	508		24	9104	1843
ANT ON OL ATCT	390626.13	-842522.42	1A	553		69	32328	1873
TREE	390615.72	-842441.22	1A	516		32	8330	2067
TREE	390557.02	-842447.04	1A	580		96	13752	2188
TREE	390614.14	-842438.58	1A	554		70	8828	2251
TREE	390619.91	-842438.67	1A	532		48	7416	2371
TREE	390550.61	-842454.69	1A	502		18	15945	2375
OL ON HANGAR	390637.05	-842509.91	1A	506		22	35844	2541
TREE	390617.71	-842435.38	1A	584		100	8056	2559
VENT ON OL HANGAR	390604.24	-842540.49	1A	514		30	25715	2754
VENT ON OL HANGAR	390640.09	-842509.12	1A	521		37	32	2843
TREE	390636.89	-842449.34	1A	522		38	3252	2874
TREE	390611.60	-842544.76	1A	530		46	27302	2976
ANT ON OL BLDG	390613.48	-842545.24	1A	538		54	27640	3017
POLE	390610.72	-842547.41	1A	526		42	27130	3188
TREE	390541.98	-842453.53	1A	570		86	16438	3222
POLE	390610.59	-842549.29	1A	531		47	27123	3336
TREE	390548.14	-842536.34	1A	561		77	22736	3345
BUSH	390632.88	-842433.53	1A	487		3	5515	3378
TREE	390543.98	-842531.23	1A	555		71	21749	3421
TREE	390538.11	-842501.09	1A	521		37	17609	3465
GROUND	390538.05	-842515.00	1A	485		1	19416	3496
ANT ON HANGAR	390537.24	-842518.27	1A	509		25	19803	3631
TREE	390535.23	-842457.06	1A	562		78	17200	3805
TREE	390533.15	-842501.62	1A	526		42	17744	3958
TREE	390640.28	-842543.66	1B	870		386	31835	4063
ROD ON OL STACK	390613.77	-842559.17	1A	607		123	27620	4115

OC0083

Continued from previous page

AIRPORT ELEVATION 484

ARP	390612.039	-842507.011							
OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE	
TREE	390635.76	-842423.89	1A	510		26	5840	4161	
TREE	390531.89	-842518.78	1A	505		21	19645	4166	
TREE	390607.34	-842600.51	1A	552		68	26728	4244	
TREE	390554.50	-842557.26	1A	575		91	24946	4340	
TREE	390529.12	-842505.50	1A	496		12	18219	4343	
TREE	390527.38	-842501.03	1A	560		76	17756	4543	
TREE	390542.29	-842423.54	1C	840		356	13511	4561	
TREE	390659.77	-842524.43	1B	861		377	34801	5020	
TREE	390524.65	-842439.47	1B	776		292	15932	5263	
TREE	390600.61	-842400.73	1B	736		252	10622	5351	
TREE	390652.19	-842416.33	1A	568		84	4825	5697	
TREE	390515.57	-842506.24	1A	577		93	18317	5714	
ANT ON BLDG	390709.72	-842513.82	1B	701		217	35838	5860	
TREE	390512.79	-842509.14	1A	570		86	18530	5997	
TREE	390511.86	-842510.97	1A	574		90	18650	6097	
TREE	390632.66	-842349.01	1B	742		258	7508	6493	
TREE	390716.02	-842538.01	1B	845		361	34313	6919	
TREE	390606.60	-842338.94	1B	736		252	9825	6964	
TREE	390539.18	-842627.56	1A	801		317	24616	7168	
TREE	390722.20	-842519.75	1B	799		315	35550	7169	
TREE	390710.67	-842600.78	1B	719		235	32821	7291	
TREE	390459.80	-842454.28	1B	717		233	17604	7377	
TREE	390726.83	-842501.36	1B	735		251	716	7580	
TREE	390521.14	-842352.05	1B	897		413	13457	7838	
TREE	390525.20	-842628.68	1B	888		404	23733	7994	
TREE	390454.45	-842440.64	1B	805		321	16903	8120	
OL ON BLDG	390707.13	-842625.70	1A	800	201	316	31551	8338	
TREE	390446.19	-842511.09	1B	716		232	18601	8692	
TREE	390553.06	-842654.97	1B	917		433	26111	8725	
TREE	390603.90	-842658.56	1B	940		456	26833	8832	
TREE	390441.32	-842518.35	1B	652		168	18927	9222	

OC0083

Continued from previous page

AIRPORT ELEVATION 484

ARP 390612.039 -842507.011

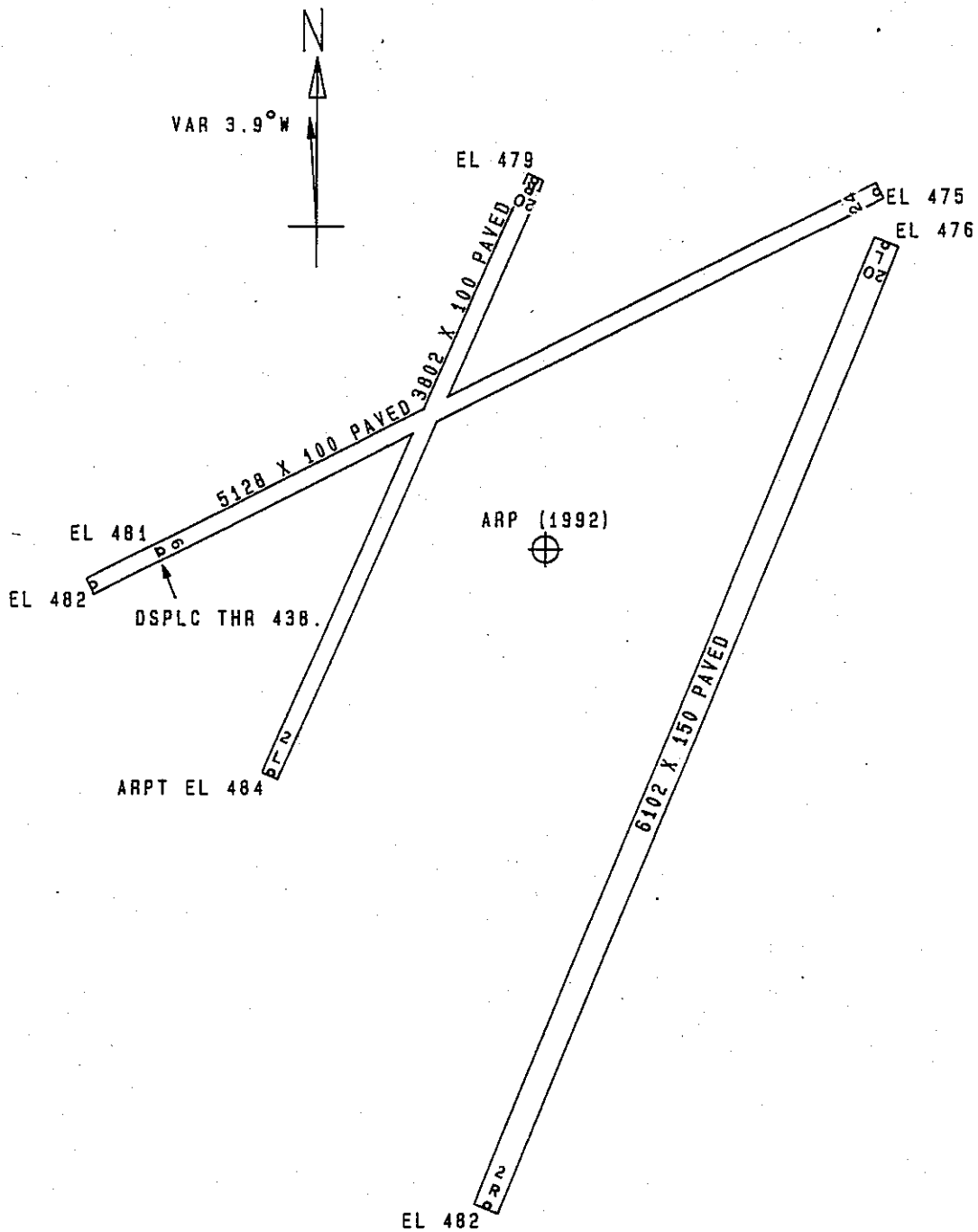
OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
TREE	390504.84	-842626.94	1B	895		411	22643	9270
TREE	390629.80	-842704.91	1B	863		379	28451	9465
TREE	390638.72	-842310.71	1B	725		241	7729	9557
TREE	390725.22	-842625.84	1B	825		341	32354	9665
CHY	390724.35	-842629.78	1B	802		318	32210	9802
ANT AND APBN ON TANK	390528.63	-842315.26	1A	1010		526	12023	9844
TREE	390510.51	-842327.62	1B	881		397	13221	10007
TREE	390752.21	-842457.23	1B	866		382	814	10164
TREE	390755.97	-842432.62	1B	856		372	1821	10859
TREE	390652.81	-842258.46	1B	824		340	7144	10940
TREE	390511.70	-842703.97	1B	913		429	24024	11059
TREE	390548.51	-842247.93	1B	841		357	10608	11219
STACK	390803.20	-842519.46	1B	824		340	35854	11288
ANT ON OL TANK	390545.18	-842726.67	1A	1046		562	26003	11340
ANT ON OL TANK	390452.80	-842650.61	1A	1047		563	22926	11444
TREE	390439.29	-842630.72	1B	930		446	21901	11472
TREE	390443.16	-842327.61	1B	842		358	14248	11927
OL ON POLE	390805.87	-842423.24	1B	797		313	2034	12022
TREE	390411.10	-842431.52	1B	837		353	17100	12552
TREE	390637.42	-842230.56	2C	826		342	8207	12597
TREE	390403.52	-842443.09	1B	865		381	17538	13139
TREE	390820.91	-842532.81	2C	890		406	35502	13196
SPIRE	390505.77	-842238.05	2C	835		351	12336	13523
TREE	390408.53	-842627.33	2C	880		396	21047	14009
FLGPL	390748.14	-842717.32	2C	900		416	31720	14142
ANT	390349.03	-842517.40	2C	764		280	18708	14491
TREE	390521.09	-842759.19	2C	833		349	25307	14520
TREE	390457.40	-842749.58	2C	878		394	24324	14875
CROSS ON BLDG	390745.66	-842733.61	2C	898		414	31315	14940
TREE	390352.93	-842401.85	2C	860		376	16350	14982
OBSER TWR	390403.17	-842649.00	2C	956		472	21534	15318

OC0083

Continued from previous page

AIRPORT ELEVATION 484

ARP	390612.039	-842507.011							
OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE	
CROSS ON BLDG	390352.41	-842623.07	2C	891		407	20654	15347	
TREE	390434.74	-842737.18	1C	921		437	23410	15397	
ANT ON OL TWR	390347.81	-842629.92	2C	990		506	20802	15989	
TREE	390413.76	-842723.91	2C	872		388	22557	16116	
ANT ON OL BLDG	390443.13	-842800.10	2C	915		431	24031	16344	
TREE	390411.01	-842249.10	2C	860		376	14216	16376	
TREE	390328.45	-842417.33	1C	864		380	17034	17008	
OL ON POLE	390332.21	-842614.14	2C	841		357	20201	17014	



TOUCHDOWN ZONE RUNWAY ELEVATION	
2L	484
20R	482
2R	482
20L	476
6	481
24	478

CINCINNATI MUNICIPAL AIRPORT-LUNKEN FIELD
 CINCINNATI, OHIO
 (NOT TO SCALE)
 (ELEVATIONS AND DISTANCES IN FEET)