

OBSTRUCTION DATA SHEET

ODS 5387
OHIO STATE UNIVERSITY AIRPORT
COLUMBUS, OHIO

DIGITIZED FROM

OC 5387
SURVEYED DECEMBER 1993
2ND EDITION

HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD 29



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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.

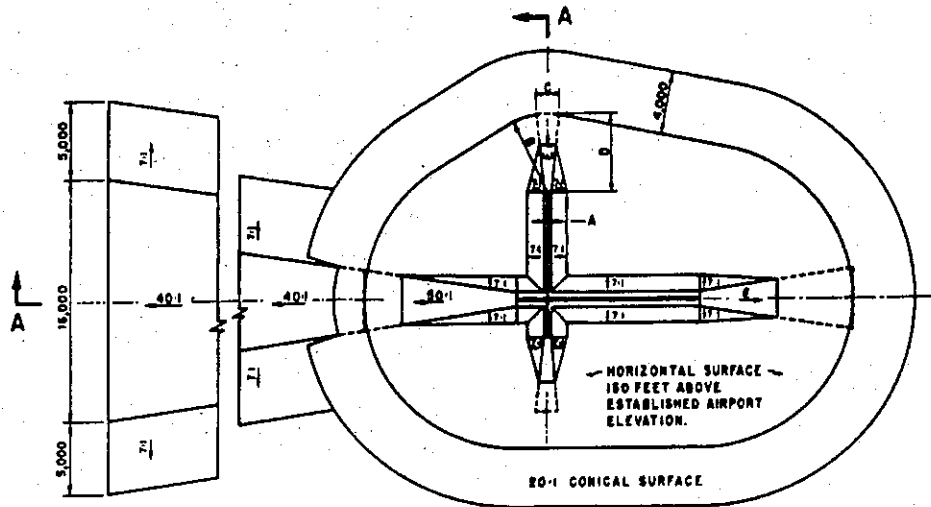
ODS information is arranged as follows:

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.

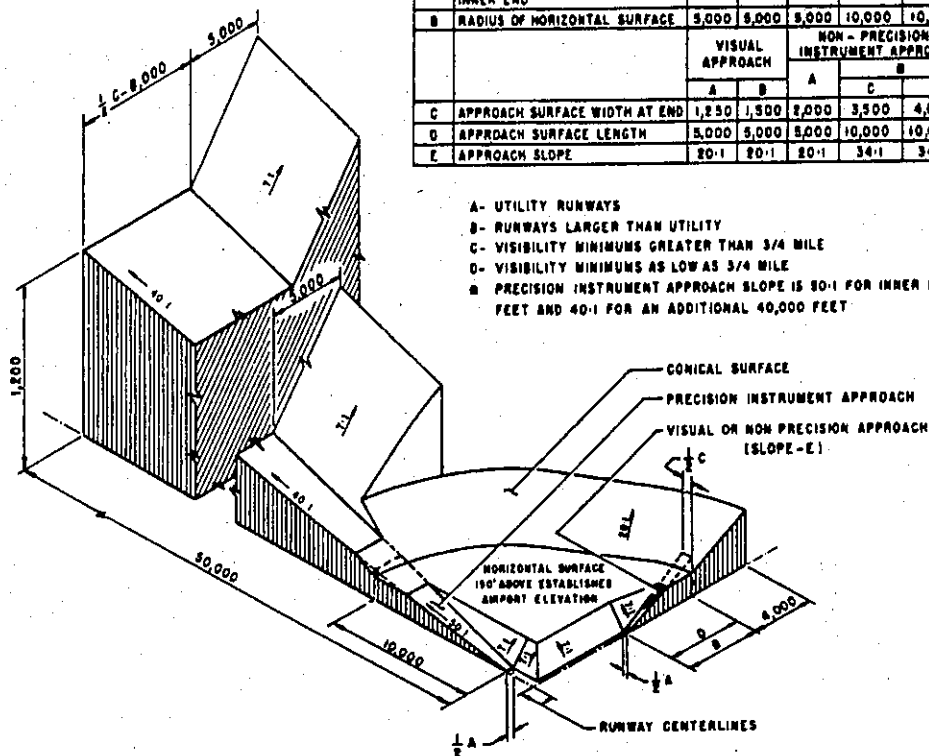
The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows:

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 | C | D | |
| A | WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END | 250 | 800 | 800 | 800 | 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 | 1,300 | 2,000 | 3,500 | 4,000 | 15,000 |
| 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
- E- PRECISION INSTRUMENT APPROACH SLOPE IS 20:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET

ISOMETRIC VIEW OF SECTION A-A

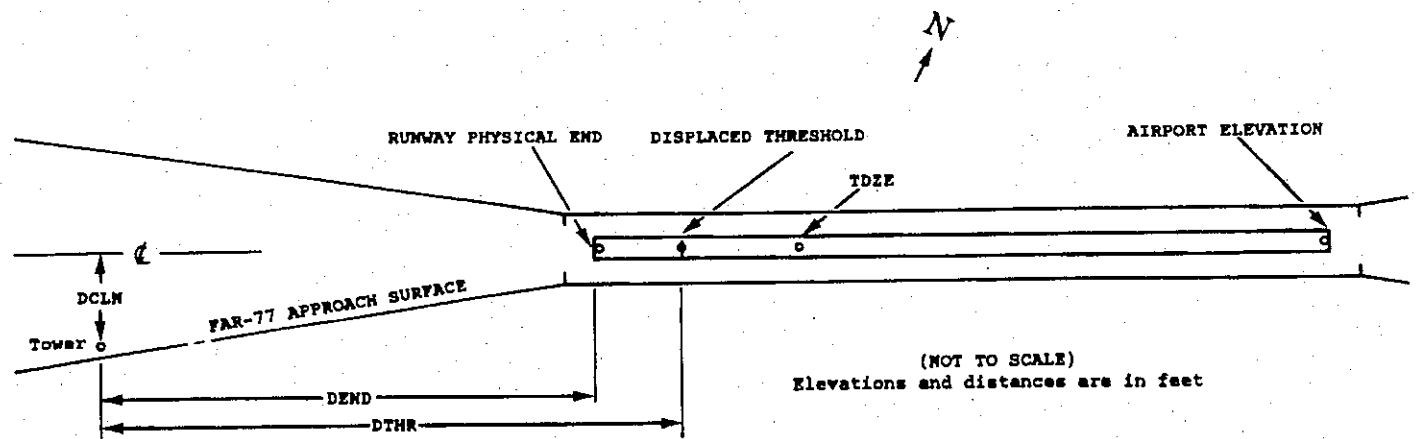
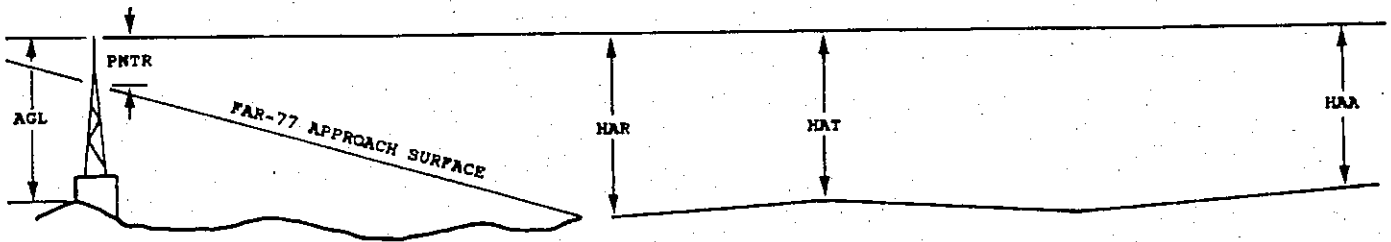
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

| | | | | | | | | | | | | |
|---------------|------------|--------------|-----------|------------|-------------|---------|-----------|------------|-------------|-------|------|------|
| | 1 | 2 | 3 | 4 | 4 | 5 | 6 | 7 | 7 | | | |
| | X | X | XXXX/XXXX | XXXXXX.XXX | XXXXXXX.XXX | XXXXXXX | XXXX/XXXX | XXXXXX.XXX | XXXXXXX.XXX | | | |
| OBJECT | LAT | LONG | A | ELEV | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
| XXXXXXXXXXXXX | XXXXXX.XXX | XXXXXXXX.XXX | XX | XXXX | XXXX | XXX | XXX | XXX | XXXXX | XXXXX | XXXX | XXXX |
| XXXXXXXXXXXXX | XXXXXX.XXX | XXXXXXXX.XXX | XX | XXXX | XXXX | XXX | XXX | XXX | XXXXX | XXXXX | XXXX | XXXX |



OC5387

AIRPORT ELEVATION 906

14 AV 900/ 901 400502.539 -830436.111 1361552.

| OBJECT | LAT | LONG | A | EL | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|--------|-----------|------------|----|-----|-----|-----|-----|-----|------|------|------|------|
| POST | 400511.75 | -830450.53 | 1A | 913 | | 13 | 12 | 7 | 1449 | | 165R | -50 |
| TREE | 400519.41 | -830500.90 | 1A | 995 | | 95 | 94 | 89 | 2566 | | 212R | -24 |

32 AV 893/ 901 400437.998 -830405.546 3161612.

| OBJECT | LAT | LONG | A | EL | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|----------|-----------|------------|----|-----|-----|-----|-----|-----|------|------|------|------|
| ROAD (N) | 400432.76 | -830359.14 | 1A | 905 | | 12 | 4 | -1 | 727 | | 6L | -15 |
| TREE | 400421.20 | -830349.83 | 1A | 974 | | 81 | 73 | 68 | 2073 | | 292L | -13 |

5 AV 905/ 906 400435.735 -830440.797 484336.

| OBJECT | LAT | LONG | A | EL | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|--------|-----------|------------|----|-----|-----|-----|-----|-----|------|------|------|------|
| TREE | 400425.68 | -830457.03 | 1A | 975 | | 70 | 69 | 69 | 1619 | | 68L | 0 |
| TREE | 400423.36 | -830505.24 | 1A | 989 | | 84 | 83 | 83 | 2254 | | 312L | -18 |

23 AV 893/ 906 400457.827 -830408.026 2284357.

| OBJECT | LAT | LONG | A | EL | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|--------|-----------|------------|----|-----|-----|-----|-----|-----|------|------|------|------|
| TREE | 400505.92 | -830352.94 | 1A | 958 | | 65 | 52 | 52 | 1422 | | 158L | 4 |
| TREE | 400507.70 | -830354.30 | 1A | 955 | | 62 | 49 | 49 | 1461 | | 48R | -1 |

9L AV 905/ 0 400457.713 -830444.049 870457.

| OBJECT | LAT | LONG | A | EL | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|----------|-----------|------------|----|-----|-----|-----|-----|-----|------|------|------|------|
| ROAD (N) | 400457.10 | -830455.02 | 1A | 919 | | 14 | 919 | 13 | 855 | | 18R | -18 |
| OL SILO | 400455.58 | -830515.80 | 1A | 971 | | 66 | 971 | 65 | 2475 | | 90R | -47 |

OC5387

AIRPORT ELEVATION 906

27R AV 892/ 0 400459.217 -830405.589 2670521.

| OBJECT | LAT | LONG | A | EL | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|--------|-----------|------------|----|-----|-----|-----|-----|-----|------|------|------|------|
| TREE | 400501.19 | -830345.82 | 1A | 961 | | 69 | 961 | 55 | 1545 | | 122R | 2 |
| TREE | 400501.88 | -830344.71 | 1A | 962 | | 70 | 962 | 56 | 1634 | | 187R | -1 |

9R PIR 901/ 906 400437.736 -830453.777 870343.

| OBJECT | LAT | LONG | A | EL | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|---------------|-----------|------------|----|-----|-----|-----|-----|-----|-------|------|------|------|
| GROUND | 400437.08 | -830346.94 | 1A | 891 | | -10 | -15 | -15 | -5185 | | 332R | 1 |
| FENCE | 400443.47 | -830354.81 | 1A | 893 | | -8 | -13 | -13 | -4608 | | 345L | 2 |
| ROD ON OL TWR | 400442.25 | -830441.89 | 1A | 939 | | 38 | 33 | 33 | -946 | | 409L | 35 |
| OL GS | 400442.14 | -830442.36 | 1A | 934 | | 33 | 28 | 28 | -909 | | 400L | 30 |
| ROD ON POLE | 400442.94 | -830515.33 | 1A | 942 | | 41 | 36 | 36 | 1646 | | 612L | 12 |
| TREE | 400431.60 | -830532.03 | 1A | 959 | | 58 | 53 | 53 | 3001 | | 467R | 2 |
| TREE | 400428.63 | -830532.21 | 1A | 961 | | 60 | 55 | 55 | 3031 | | 767R | 3 |
| TREE | 400440.04 | -830533.76 | 1A | 967 | | 66 | 61 | 61 | 3092 | | 393L | 8 |
| TREE | 400432.28 | -830538.14 | 1A | 961 | | 60 | 55 | 55 | 3472 | | 374R | -6 |

27L C 890/ 903 400440.265 -830349.513 2670424.

| OBJECT | LAT | LONG | A | EL | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|---------------|-----------|------------|----|-----|-----|-----|-----|-----|-------|------|------|------|
| OL GS | 400442.14 | -830442.36 | 1A | 934 | | 44 | 31 | 28 | -4093 | | 400R | 30 |
| ROD ON OL TWR | 400442.25 | -830441.89 | 1A | 939 | | 49 | 36 | 33 | -4056 | | 409R | 35 |
| FENCE | 400443.47 | -830354.81 | 1A | 893 | | 3 | -10 | -13 | -395 | | 345R | 2 |
| GROUND | 400437.08 | -830346.94 | 1A | 891 | | 1 | -12 | -15 | 183 | | 332L | 1 |
| OL LOC | 400440.59 | -830341.16 | 1A | 892 | | 2 | -11 | -14 | 650 | | OR | -11 |
| TREE | 400436.41 | -830332.45 | 1A | 923 | | 33 | 20 | 17 | 1304 | | 458L | 1 |
| TREE | 400448.56 | -830318.25 | 1A | 936 | | 46 | 33 | 30 | 2470 | | 714R | -21 |

OC5387

AIRPORT ELEVATION 906

ARP 400447.324 -830422.730

| OBJECT | LAT | LONG | A | EL | AGL | HAA | MAG BEARING | DISTANCE |
|--------------------|-----------|------------|----|------|-----|-----|-------------|----------|
| OL AMOM | 400449.81 | -830427.53 | 1A | 925 | | 19 | 30932 | 450 |
| ANT ON OL HANGAR | 400430.86 | -830424.10 | 1A | 951 | | 45 | 18909 | 1670 |
| ANT ON OL ATCT | 400430.56 | -830415.49 | 1A | 978 | | 72 | 16709 | 1787 |
| ANT ON BLDG | 400430.98 | -830432.22 | 1A | 951 | | 45 | 20932 | 1811 |
| TREE | 400450.04 | -830353.74 | 1A | 939 | | 33 | 8833 | 2270 |
| TREE | 400446.63 | -830351.12 | 1A | 920 | | 14 | 9707 | 2458 |
| ROD ON OL STACK | 400426.41 | -830444.63 | 1A | 963 | | 57 | 22418 | 2717 |
| TREE | 400427.68 | -830448.40 | 1A | 933 | | 27 | 23036 | 2817 |
| TREE | 400433.97 | -830350.15 | 1A | 921 | | 15 | 12334 | 2870 |
| TREE | 400446.49 | -830345.48 | 1A | 927 | | 21 | 9710 | 2896 |
| FENCE | 400432.44 | -830455.98 | 1A | 901 | | -5 | 24516 | 2991 |
| TREE | 400505.54 | -830348.57 | 1A | 965 | | 59 | 6044 | 3232 |
| TREE | 400504.10 | -830346.77 | 1A | 959 | | 53 | 6413 | 3270 |
| TREE | 400428.74 | -830457.33 | 1A | 978 | | 72 | 24032 | 3282 |
| TREE | 400430.11 | -830458.56 | 1A | 955 | | 49 | 24329 | 3285 |
| TREE | 400450.20 | -830339.22 | 1A | 960 | | 54 | 9034 | 3395 |
| OL HOPPER | 400421.92 | -830451.99 | 1A | 978 | | 72 | 22700 | 3433 |
| TREE | 400510.72 | -830455.03 | 1A | 995 | | 89 | 31848 | 3451 |
| TREE | 400432.94 | -830342.26 | 1A | 950 | | 44 | 12019 | 3467 |
| TREE | 400433.49 | -830339.81 | 1A | 959 | | 53 | 11815 | 3618 |
| TREE | 400428.59 | -830505.94 | 1A | 950 | | 44 | 24603 | 3857 |
| ANT ON OL MCWV TWR | 400523.70 | -830405.40 | 1A | 1048 | | 142 | 2535 | 3920 |
| TREE | 400517.53 | -830501.63 | 1A | 1003 | | 97 | 32049 | 4300 |
| OL TWR ON BLDG | 400323.00 | -830419.84 | 1A | 1040 | | 134 | 18359 | 8536 |
| ANT ON OL MCWV TWR | 400618.31 | -830407.42 | 1A | 1058 | | 152 | 1251 | 9284 |
| ANT ON OL TANK | 400311.17 | -830350.44 | 1A | 1044 | | 138 | 17101 | 10049 |
| OL TWR | 400250.21 | -830344.69 | 1A | 1106 | 226 | 200 | 17129 | 12214 |
| OL TWR | 400249.57 | -830343.66 | 1A | 1108 | 228 | 202 | 17111 | 12297 |

