

# OBSTRUCTION DATA SHEET

**ODS 5121  
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RACINE, WISCONSIN**

**DIGITIZED FROM**

**OC 5121  
SURVEYED OCTOBER 1990  
3RD EDITION**



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THE NATIONAL OCEAN SERVICE  
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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:

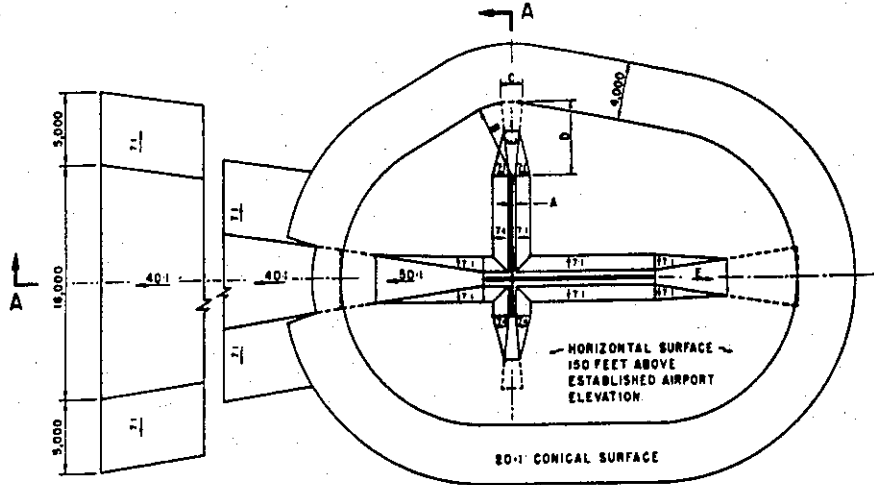
1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the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

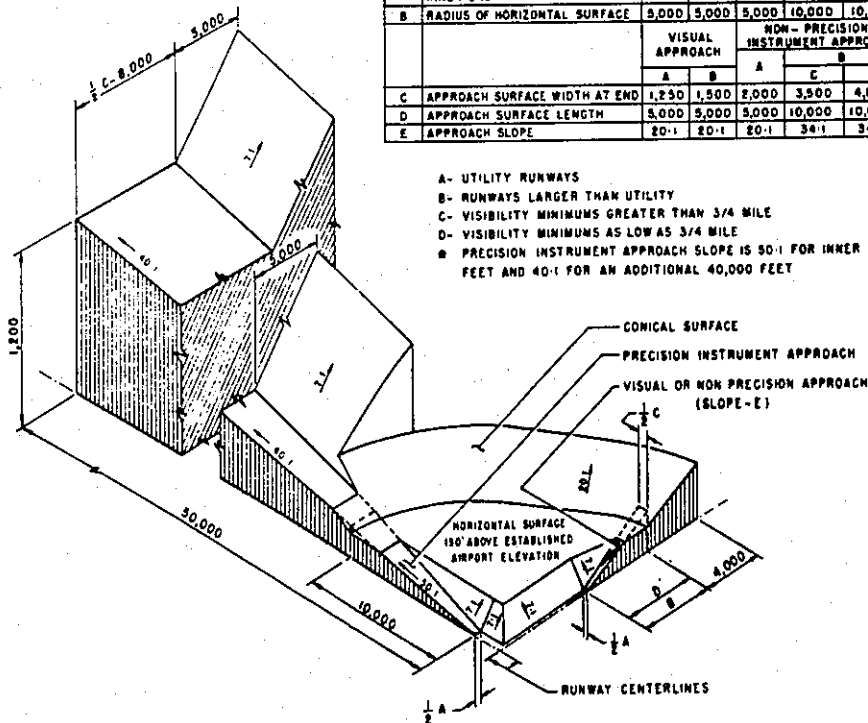
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

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                                     | 3,000                        | 3,000 | 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 30:1 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

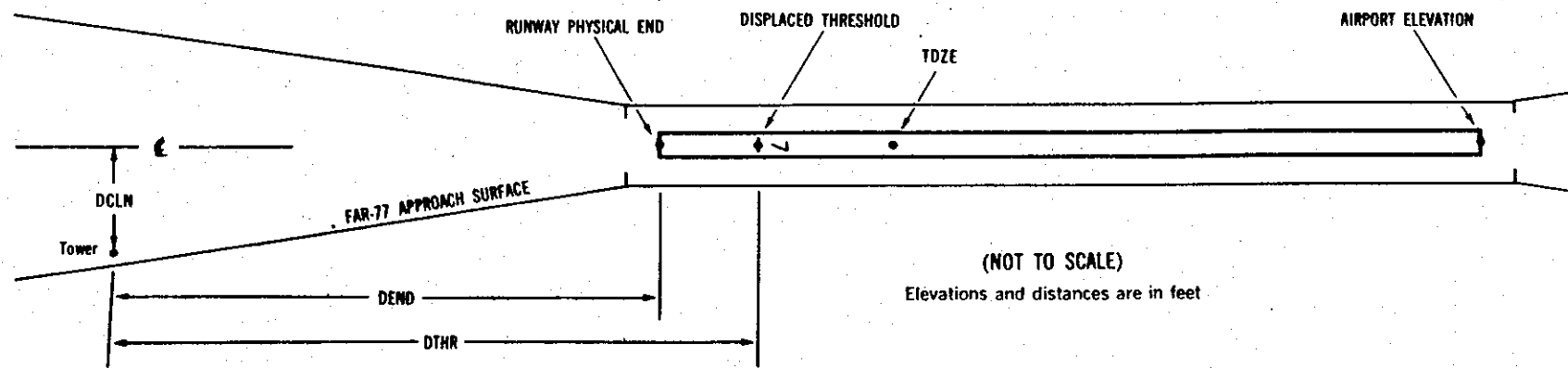
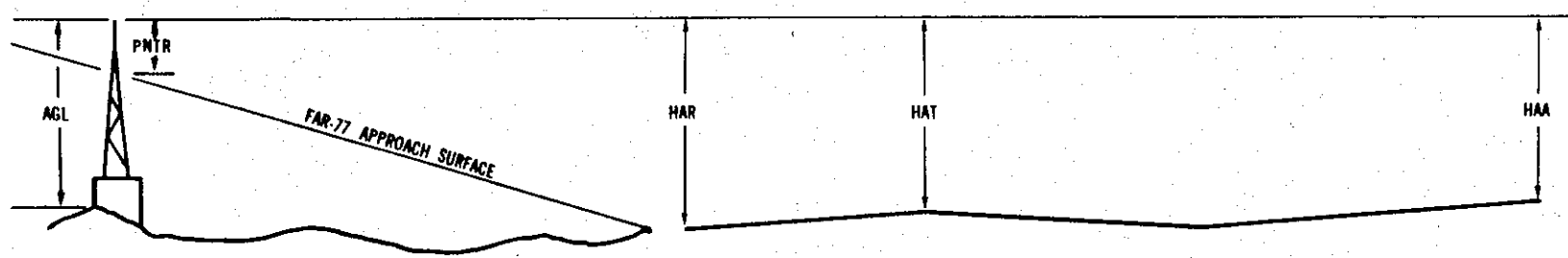
# ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

|                |                |                        |                         |                           |                       |                        |                         |                           |                    |                    |                    |                    |
|----------------|----------------|------------------------|-------------------------|---------------------------|-----------------------|------------------------|-------------------------|---------------------------|--------------------|--------------------|--------------------|--------------------|
| x <sup>1</sup> | x <sup>2</sup> | XXXX/XXXX <sup>3</sup> | XXXXXX.XXX <sup>4</sup> | XXXXXXXX.XXX <sup>4</sup> | XXXXXXXX <sup>5</sup> | XXXX/XXXX <sup>6</sup> | XXXXXX.XXX <sup>7</sup> | XXXXXXXX.XXX <sup>7</sup> |                    |                    |                    |                    |
| OBJECT         | LAT            | LONG                   | A <sup>8</sup>          | ELEV <sup>9</sup>         | AGL <sup>10</sup>     | HAR <sup>11</sup>      | HAT <sup>11</sup>       | HAA <sup>11</sup>         | DEND <sup>12</sup> | DTHR <sup>12</sup> | DCLN <sup>12</sup> | PNTR <sup>13</sup> |
| 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

- <sup>1</sup> 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.
- <sup>2</sup> For the reference runway, the lowest FAR-77 approach surface for which an obstruction survey was performed. (More than one surface may be surveyed.)
- <sup>3</sup> Reference runway approach physical end elevation/touchdown zone elevation
- <sup>4</sup> Latitude and longitude of reference runway approach physical end
- <sup>5</sup> Reference runway geodetic azimuth reckoned clockwise from south
- <sup>6</sup> Reference runway displaced threshold elevation/touchdown zone elevation
- <sup>7</sup> Latitude and longitude of reference runway displaced threshold
- <sup>8</sup> Accuracy Code:
- |   | Horizontal | Vertical |
|---|------------|----------|
| 1 | = 20       | A = 2    |
| 2 | = 40       | B = 5    |
|   |            | C = 20   |
- <sup>9</sup> 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.
- <sup>10</sup> 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  $\pm 10$  feet.
- <sup>11</sup> HAA - Height above airport  
 HAR - Height above reference runway approach physical end  
 HAT - Height above reference runway touchdown zone elevation
- <sup>12</sup> 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.
- <sup>13</sup> PNTR - Penetration of indicated FAR-77 approach or primary surface (see footnote 2).

OC5121

AIRPORT ELEVATION 674

4 PIR 673/ 424515.742N 0874912.956W 2165634 667/667 424521.304N 08749 7.282W

| OBJECT            | LAT       | LONG       | A  | ELEV | AGL | HAR | HAT | HAA | DEND  | DTHR  | DCLN  | PNTR |
|-------------------|-----------|------------|----|------|-----|-----|-----|-----|-------|-------|-------|------|
| TREE              | 424611.68 | 0874823.34 | 1A | 690  |     | 17  | 23  | 16  | -6751 | -6046 | 446L  | 25   |
| TREE              | 424606.65 | 0874815.02 | 1A | 694  |     | 21  | 27  | 20  | -6717 | -6012 | 356R  | 29   |
| TREE              | 424605.21 | 0874818.08 | 1A | 677  |     | 4   | 10  | 3   | -6463 | -5759 | 262R  | 12   |
| GROUND            | 424609.01 | 0874826.98 | 1A | 673  |     | 0   | 6   | -1  | -6371 | -5667 | 500L  | 8    |
| TREE              | 424606.42 | 0874828.29 | 1A | 701  |     | 28  | 34  | 27  | -6103 | -5399 | 421L  | 36   |
| TREE              | 424602.09 | 0874831.73 | 1A | 717  |     | 44  | 50  | 43  | -5599 | -4894 | 362L  | 52   |
| TREE              | 424602.29 | 0874833.97 | 1A | 730  |     | 57  | 63  | 56  | -5514 | -4810 | 508L  | 65   |
| TREE              | 424559.54 | 0874835.58 | 1A | 734  |     | 61  | 67  | 60  | -5219 | -4515 | 437L  | 69   |
| OL ON LOCALIZER   | 424554.01 | 0874829.30 | 1A | 676  |     | 3   | 9   | 2   | -5054 | -4349 | 275R  | 11   |
| TREE              | 424555.32 | 0874838.49 | 1A | 701  |     | 28  | 34  | 27  | -4747 | -4043 | 353L  | 35   |
| OL ON GLIDE SLOPE | 424530.17 | 0874904.10 | 1A | 718  |     | 45  | 51  | 44  | -1565 | -860  | 350L  | 53   |
| WIND TEE          | 424524.66 | 0874900.29 | 1A | 670  |     | -3  | 3   | -4  | -1290 | -586  | 213R  | 4    |
| ANTENNA ON HANGAR | 424519.86 | 0874900.54 | 1A | 716  |     | 43  | 49  | 42  | -890  | -186  | 490R  | 49   |
| GROUND            | 424514.84 | 0874905.93 | 1A | 674  |     | 1   | 7   | 0   | -242  | 462   | 474R  | 4    |
| BLAST FENCE       | 424516.48 | 0874914.67 | 1A | 683  |     | 10  | 16  | 9   | 17    | 722   | 147L  | 10   |
| LIGHT STANDARD    | 424512.77 | 0874908.82 | 1A | 694  |     | 21  | 27  | 20  | 55    | 759   | 427R  | 21   |
| ROAD (N)          | 424514.54 | 0874914.13 | 1A | 691  |     | 18  | 24  | 17  | 150   | 854   | 3R    | 18   |
| TREE              | 424516.62 | 0874919.55 | 1A | 726  |     | 53  | 59  | 52  | 224   | 929   | 447L  | 53   |
| TREE              | 424512.53 | 0874913.23 | 1A | 701  |     | 28  | 34  | 27  | 272   | 976   | 179R  | 27   |
| TREE              | 424513.59 | 0874917.44 | 1A | 723  |     | 50  | 56  | 49  | 376   | 1080  | 137L  | 46   |
| TREE              | 424510.45 | 0874914.20 | 1A | 717  |     | 44  | 50  | 43  | 484   | 1189  | 248R  | 38   |
| TREE              | 424510.29 | 0874919.96 | 1A | 741  |     | 68  | 74  | 67  | 755   | 1460  | 86L   | 57   |
| TREE              | 424503.13 | 0874922.97 | 1A | 713  |     | 40  | 46  | 39  | 1469  | 2174  | 170R  | 15   |
| TREE              | 424503.79 | 0874925.74 | 1A | 723  |     | 50  | 56  | 49  | 1541  | 2245  | 35L   | 23   |
| TREE              | 424506.37 | 0874932.78 | 1A | 729  |     | 56  | 62  | 55  | 1647  | 2352  | 612L  | 27   |
| TREE              | 424455.71 | 0874942.51 | 1A | 749  |     | 76  | 82  | 75  | 2946  | 3650  | 544L  | 21   |
| TREE              | 424452.57 | 0874941.14 | 1A | 763  |     | 90  | 96  | 89  | 3139  | 3843  | 271L  | 31   |
| TREE              | 424451.63 | 0874955.33 | 1A | 745  |     | 72  | 78  | 71  | 3851  | 4555  | 1060L | -1   |
| TREE              | 424443.09 | 0875000.42 | 1A | 778  |     | 105 | 111 | 104 | 4771  | 5475  | 844L  | 14   |
| TREE              | 424444.04 | 0875004.45 | 1A | 780  |     | 107 | 113 | 106 | 4874  | 5579  | 1143L | 14   |

OC5121

AIRPORT ELEVATION 674

22 C 665/ 424607.492N 0874820.136W 0365710 665/666 424601.567N 0874826.185W

| OBJECT            | LAT       | LONG       | A  | ELEV | AGL | HAR | HAT | HAA | DEND  | DTHR  | DCLN | PNTR |
|-------------------|-----------|------------|----|------|-----|-----|-----|-----|-------|-------|------|------|
| ROAD (N)          | 424514.54 | 0874914.13 | 1A | 691  |     | 26  | 25  | 17  | -6705 | -5955 | 3L   | 18   |
| LIGHT STANDARD    | 424512.77 | 0874908.82 | 1A | 694  |     | 29  | 28  | 20  | -6610 | -5859 | 427L | 21   |
| BLAST FENCE       | 424516.48 | 0874914.67 | 1A | 683  |     | 18  | 17  | 9   | -6573 | -5822 | 147R | 10   |
| GROUND            | 424514.84 | 0874905.93 | 1A | 674  |     | 9   | 8   | 0   | -6313 | -5563 | 474L | 4    |
| ANTENNA ON HANGAR | 424519.86 | 0874900.54 | 1A | 716  |     | 51  | 50  | 42  | -5665 | -4915 | 490L | 49   |
| WIND TEE          | 424524.66 | 0874900.29 | 1A | 670  |     | 5   | 4   | -4  | -5265 | -4515 | 213L | 4    |
| OL ON GLIDE SLOPE | 424530.17 | 0874904.10 | 1A | 718  |     | 53  | 52  | 44  | -4991 | -4240 | 350R | 53   |
| TREE              | 424555.32 | 0874838.49 | 1A | 701  |     | 36  | 35  | 27  | -1808 | -1058 | 353R | 35   |
| OL ON LOCALIZER   | 424554.01 | 0874829.30 | 1A | 676  |     | 11  | 10  | 2   | -1502 | -751  | 275L | 11   |
| TREE              | 424559.54 | 0874835.58 | 1A | 734  |     | 69  | 68  | 60  | -1336 | -586  | 437R | 69   |
| TREE              | 424602.29 | 0874833.97 | 1A | 730  |     | 65  | 64  | 56  | -1041 | -291  | 508R | 65   |
| TREE              | 424602.09 | 0874831.73 | 1A | 717  |     | 52  | 51  | 43  | -957  | -206  | 362R | 52   |
| TREE              | 424606.42 | 0874828.29 | 1A | 701  |     | 36  | 35  | 27  | -452  | 298   | 421R | 36   |
| GROUND            | 424609.01 | 0874826.98 | 1A | 673  |     | 8   | 7   | -1  | -184  | 567   | 500R | 8    |
| TREE              | 424605.21 | 0874818.08 | 1A | 677  |     | 12  | 11  | 3   | -93   | 658   | 262L | 12   |
| TREE              | 424606.65 | 0874815.02 | 1A | 694  |     | 29  | 28  | 20  | 161   | 912   | 356L | 29   |
| TREE              | 424611.68 | 0874823.34 | 1A | 690  |     | 25  | 24  | 16  | 195   | 946   | 446R | 25   |
| TREE              | 424610.49 | 0874819.16 | 1A | 690  |     | 25  | 24  | 16  | 287   | 1037  | 124R | 22   |
| POLE              | 424612.36 | 0874820.36 | 1A | 685  |     | 20  | 19  | 11  | 384   | 1134  | 310R | 15   |
| TREE              | 424609.70 | 0874815.03 | 1A | 703  |     | 38  | 37  | 29  | 407   | 1158  | 170L | 32   |
| TREE              | 424608.46 | 0874811.70 | 1A | 698  |     | 33  | 32  | 24  | 456   | 1207  | 444L | 25   |
| TREE              | 424615.77 | 0874821.25 | 1A | 702  |     | 37  | 36  | 28  | 620   | 1370  | 571R | 25   |
| POLE              | 424610.44 | 0874810.10 | 1A | 697  |     | 32  | 31  | 23  | 689   | 1439  | 419L | 18   |
| POLE              | 424616.65 | 0874818.68 | 1A | 695  |     | 30  | 29  | 21  | 806   | 1557  | 471R | 12   |
| POLE              | 424618.65 | 0874811.38 | 1A | 696  |     | 31  | 30  | 22  | 1296  | 2046  | 158R | -1   |



OC5121

AIRPORT ELEVATION 674

14 C 674/ 424553.133N 0874916.088W 3131837 670/670 424547.739N 08749 8.323W

| OBJECT             | LAT       | LONG       | A  | ELEV | AGL | HAR | HAT | HAA | DEND  | DTHR  | DCLN | PNTR |
|--------------------|-----------|------------|----|------|-----|-----|-----|-----|-------|-------|------|------|
| BLAST FENCE        | 424519.62 | 0874829.74 | 1A | 661  |     | -13 | -9  | -13 | -4843 | -4047 | 97R  | 5    |
| BLAST FENCE        | 424552.51 | 0874917.20 | 1A | 682  |     | 8   | 12  | 8   | 17    | 813   | 103R | 8    |
| ANTENNA            | 424552.60 | 0874919.40 | 1A | 717  |     | 43  | 47  | 43  | 143   | 939   | 209R | 43   |
| OL ON POLE         | 424555.43 | 0874917.10 | 1A | 698  |     | 24  | 28  | 24  | 214   | 1011  | 118L | 24   |
| TREE               | 424554.15 | 0874918.83 | 1A | 717  |     | 43  | 47  | 43  | 219   | 1015  | 65R  | 43   |
| TREE               | 424554.86 | 0874921.56 | 1A | 721  |     | 47  | 51  | 47  | 417   | 1213  | 153R | 41   |
| TREE               | 424555.79 | 0874924.36 | 1A | 734  |     | 60  | 64  | 60  | 633   | 1429  | 227R | 47   |
| TREE               | 424600.85 | 0874920.61 | 1A | 722  |     | 48  | 52  | 48  | 781   | 1577  | 337L | 31   |
| TREE               | 424604.09 | 0874926.13 | 1A | 716  |     | 42  | 46  | 42  | 1306  | 2102  | 294L | 9    |
| TREE               | 424609.09 | 0874929.54 | 1A | 721  |     | 47  | 51  | 47  | 1838  | 2634  | 487L | -1   |
| TREE               | 424607.20 | 0874942.61 | 1A | 733  |     | 59  | 63  | 59  | 2417  | 3213  | 321R | -6   |
| TRANSMISSION TOWER | 424621.58 | 0874948.34 | 1A | 742  |     | 68  | 72  | 68  | 3726  | 4522  | 446L | -36  |
| TRANSMISSION TOWER | 424621.49 | 0875000.35 | 1A | 757  |     | 83  | 87  | 83  | 4372  | 5168  | 176R | -40  |

OC5121

AIRPORT ELEVATION 674

32 C 656/ 424520.454N 0874829.053W 1331909 658/666 424522.706N 0874832.293W

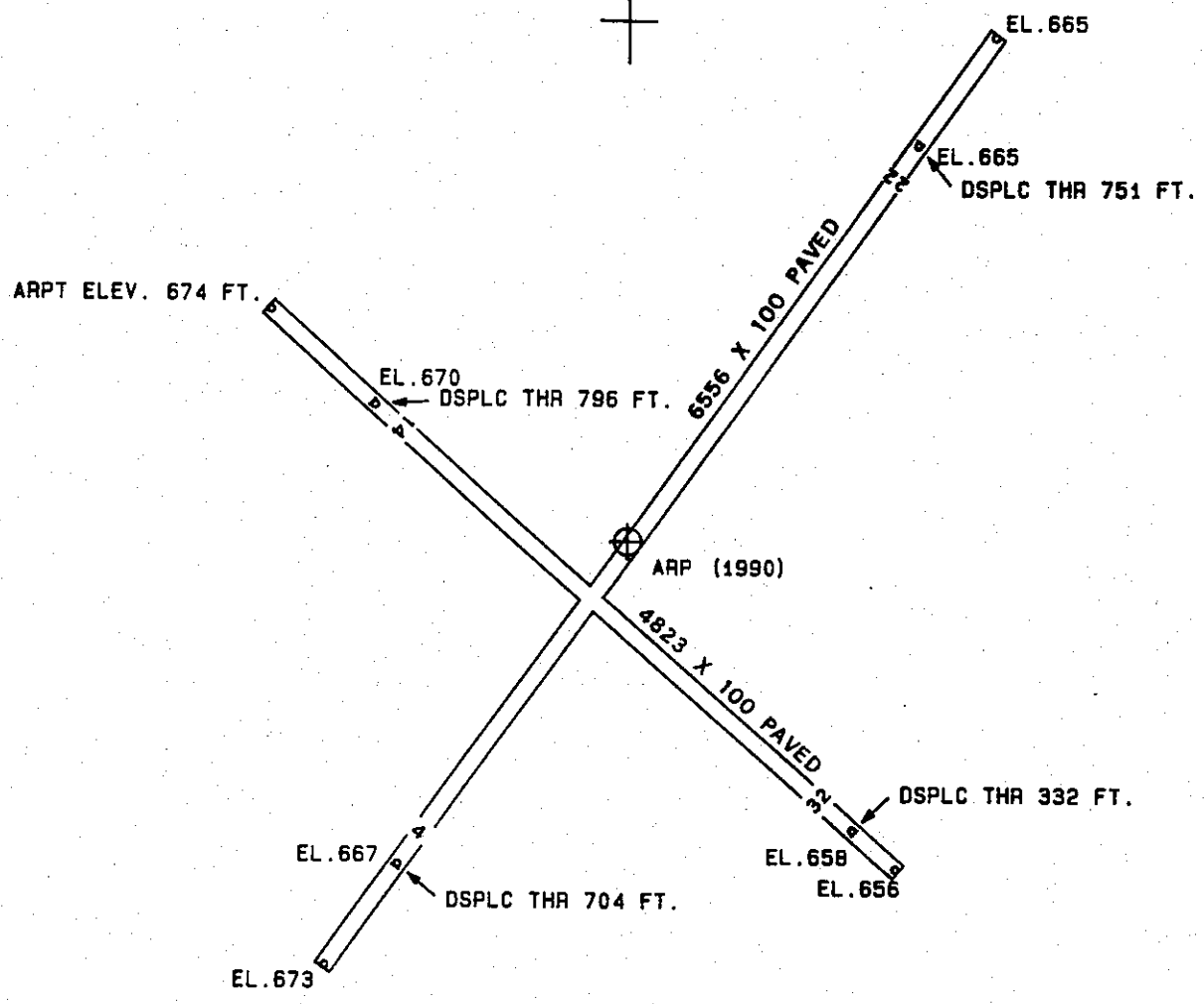
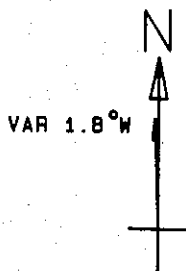
| OBJECT         | LAT       | LONG       | A  | ELEV | AGL | HAR | HAT | HAA | DEND  | DTHR  | DCLN | PNTR |
|----------------|-----------|------------|----|------|-----|-----|-----|-----|-------|-------|------|------|
| TREE           | 424554.15 | 0874918.83 | 1A | 717  |     | 61  | 51  | 43  | -5042 | -4710 | 65L  | 43   |
| OL ON POLE     | 424555.43 | 0874917.10 | 1A | 698  |     | 42  | 32  | 24  | -5037 | -4705 | 118R | 24   |
| ANTENNA        | 424552.60 | 0874919.40 | 1A | 717  |     | 61  | 51  | 43  | -4965 | -4633 | 209L | 43   |
| BLAST FENCE    | 424552.51 | 0874917.20 | 1A | 682  |     | 26  | 16  | 8   | -4840 | -4508 | 103L | 8    |
| BLAST FENCE    | 424519.62 | 0874829.74 | 1A | 661  |     | 5   | -5  | -13 | 21    | 353   | 97L  | 5    |
| TREE           | 424518.94 | 0874826.91 | 1A | 678  |     | 22  | 12  | 4   | 221   | 554   | 2L   | 21   |
| LIGHT STANDARD | 424520.31 | 0874824.97 | 1A | 668  |     | 12  | 2   | -6  | 232   | 564   | 198R | 11   |
| CHIMNEY        | 424518.29 | 0874825.66 | 1A | 673  |     | 17  | 7   | -1  | 334   | 666   | 14R  | 13   |
| TREE           | 424517.31 | 0874826.71 | 1A | 708  |     | 52  | 42  | 34  | 346   | 678   | 112L | 48   |
| TREE           | 424504.01 | 0874812.27 | 1A | 703  |     | 47  | 37  | 29  | 2053  | 2385  | 352L | -8   |
| TREE           | 424508.84 | 0874803.50 | 1A | 695  |     | 39  | 29  | 21  | 2194  | 2526  | 453R | -20  |
| ROD ON STACK   | 424501.83 | 0874810.71 | 1A | 693  |     | 37  | 27  | 19  | 2290  | 2622  | 433L | -24  |
| TREE           | 424453.91 | 0874753.62 | 1A | 710  |     | 54  | 44  | 36  | 3767  | 4099  | 141L | -51  |
| STEEPLE        | 424425.05 | 0874712.47 | 1A | 774  |     | 118 | 108 | 100 | 8006  | 8338  | 160L | -112 |

OC5121

AIRPORT ELEVATION 674

ARP 424539.574N 0874849.100W

| OBJECT                | LAT       | LONG       | A  | ELEV | AGL | HAA | MAG BEARING | DISTANCE |
|-----------------------|-----------|------------|----|------|-----|-----|-------------|----------|
| TREE                  | 424532.64 | 0874838.57 | 1A | 703  |     | 29  | 133 34      | 1053     |
| OL ON VOR             | 424528.23 | 0874850.99 | 1A | 681  |     | 7   | 188 48      | 1157     |
| TREE                  | 424545.45 | 0874911.60 | 1A | 703  |     | 29  | 291 19      | 1780     |
| TREE                  | 424553.90 | 0874907.75 | 1A | 709  |     | 35  | 318 0       | 2010     |
| TREE                  | 424525.30 | 0874829.87 | 1A | 702  |     | 28  | 137 0       | 2036     |
| TREE                  | 424519.68 | 0874842.20 | 1A | 745  |     | 71  | 167 27      | 2079     |
| TREE                  | 424519.94 | 0874835.77 | 1A | 716  |     | 42  | 155 13      | 2223     |
| TREE                  | 424525.76 | 0874915.03 | 1A | 733  |     | 59  | 235 56      | 2387     |
| HANGAR                | 424517.61 | 0874902.09 | 1A | 703  |     | 29  | 205 21      | 2425     |
| TREE                  | 424554.41 | 0874821.62 | 1A | 714  |     | 40  | 55 34       | 2542     |
| OL ON LIGHT STANDARD  | 424516.94 | 0874834.26 | 1A | 717  |     | 43  | 156 0       | 2545     |
| TREE                  | 424551.53 | 0874919.91 | 1A | 725  |     | 51  | 299 35      | 2598     |
| ROD ON AIRPORT BEACON | 424514.29 | 0874900.72 | 1A | 742  |     | 68  | 200 31      | 2702     |
| TREE                  | 424516.38 | 0874830.25 | 1A | 714  |     | 40  | 150 52      | 2737     |
| TREE                  | 424558.07 | 0874916.34 | 1A | 732  |     | 58  | 314 28      | 2764     |
| ANTENNA               | 424520.30 | 0874821.48 | 1A | 698  |     | 24  | 135 14      | 2838     |
| ANTENNA               | 424552.37 | 0874924.32 | 1A | 736  |     | 62  | 298 3       | 2930     |
| TREE                  | 424519.73 | 0874918.92 | 1A | 719  |     | 45  | 229 43      | 2997     |
| TREE                  | 424513.88 | 0874826.59 | 1A | 705  |     | 31  | 148 57      | 3097     |
| ANTENNA               | 424518.65 | 0874919.52 | 1A | 719  |     | 45  | 228 47      | 3105     |
| TREE                  | 424556.67 | 0874928.97 | 1A | 748  |     | 74  | 302 0       | 3441     |
| TREE                  | 424508.91 | 0874909.52 | 1A | 717  |     | 43  | 207 56      | 3458     |
| POLE                  | 424602.79 | 0874814.95 | 1A | 688  |     | 14  | 49 6        | 3466     |
| TREE                  | 424612.76 | 0874827.45 | 1A | 719  |     | 45  | 27 28       | 3728     |
| POLE                  | 424612.38 | 0874824.05 | 1A | 692  |     | 18  | 31 10       | 3811     |
| OL ON RADIO TOWER     | 424505.92 | 0874955.49 | 1B | 840  |     | 166 | 237 17      | 6012     |
| ANTENNA               | 424452.44 | 0874957.04 | 1A | 797  |     | 123 | 228 32      | 6962     |
| OL ON WATER TANK      | 424426.55 | 0874817.58 | 1B | 796  |     | 122 | 164 9       | 7758     |
| ANTENNA ON BUILDING   | 424423.58 | 0874827.27 | 1B | 800  |     | 126 | 169 51      | 7864     |
| STACK                 | 424421.63 | 0874822.00 | 1B | 791  |     | 117 | 167 26      | 8146     |
| OL ON MICROWAVE TOWER | 424332.10 | 0874707.96 | 2C | 807  |     | 133 | 151 28      | 14950    |



| TOUCHDOWN ZONE<br>RUNWAY ELEVATION |     |
|------------------------------------|-----|
| 4                                  | 667 |
| 22                                 | 666 |
| 14                                 | 670 |
| 32                                 | 666 |

JOHN H. BATTEN FIELD  
 RACINE, WISCONSIN  
 (NOT TO SCALE)