

OBSTRUCTION DATA SHEET

ODS 5789
ATLANTIC CITY MUNICIPAL AIRPORT / BADER FIELD
ATLANTIC CITY, NEW JERSEY

DIGITIZED FROM

OC 5789
SURVEYED AUGUST 1989
5TH EDITION



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 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:

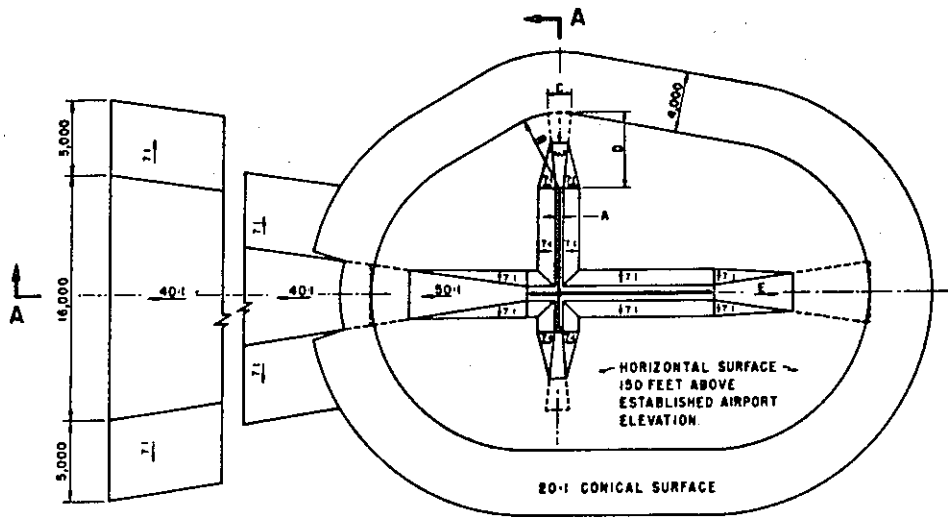
1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the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

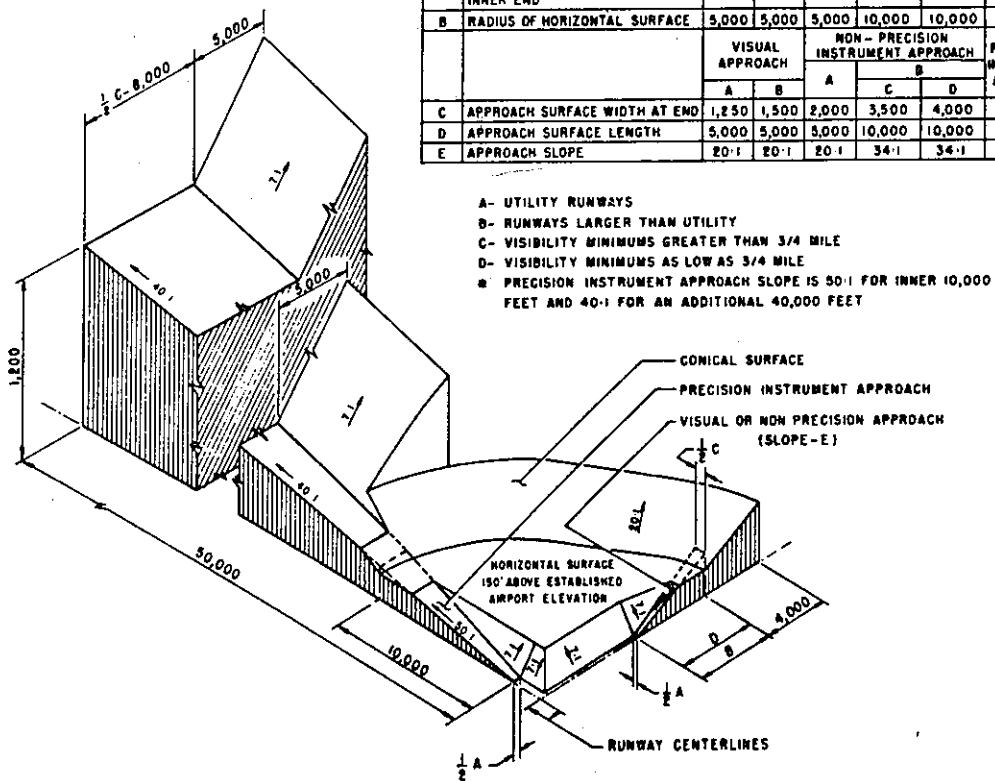
A(V) Utility runway - visual approach only
 A(NP) Utility runway - nonprecision instrument approach
 B(V) Nonutility runway - visual approach only
 C Nonutility runway - nonprecision instrument approach with
 visibility minimums greater than 3/4 mile
 D Nonutility runway - nonprecision instrument approach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

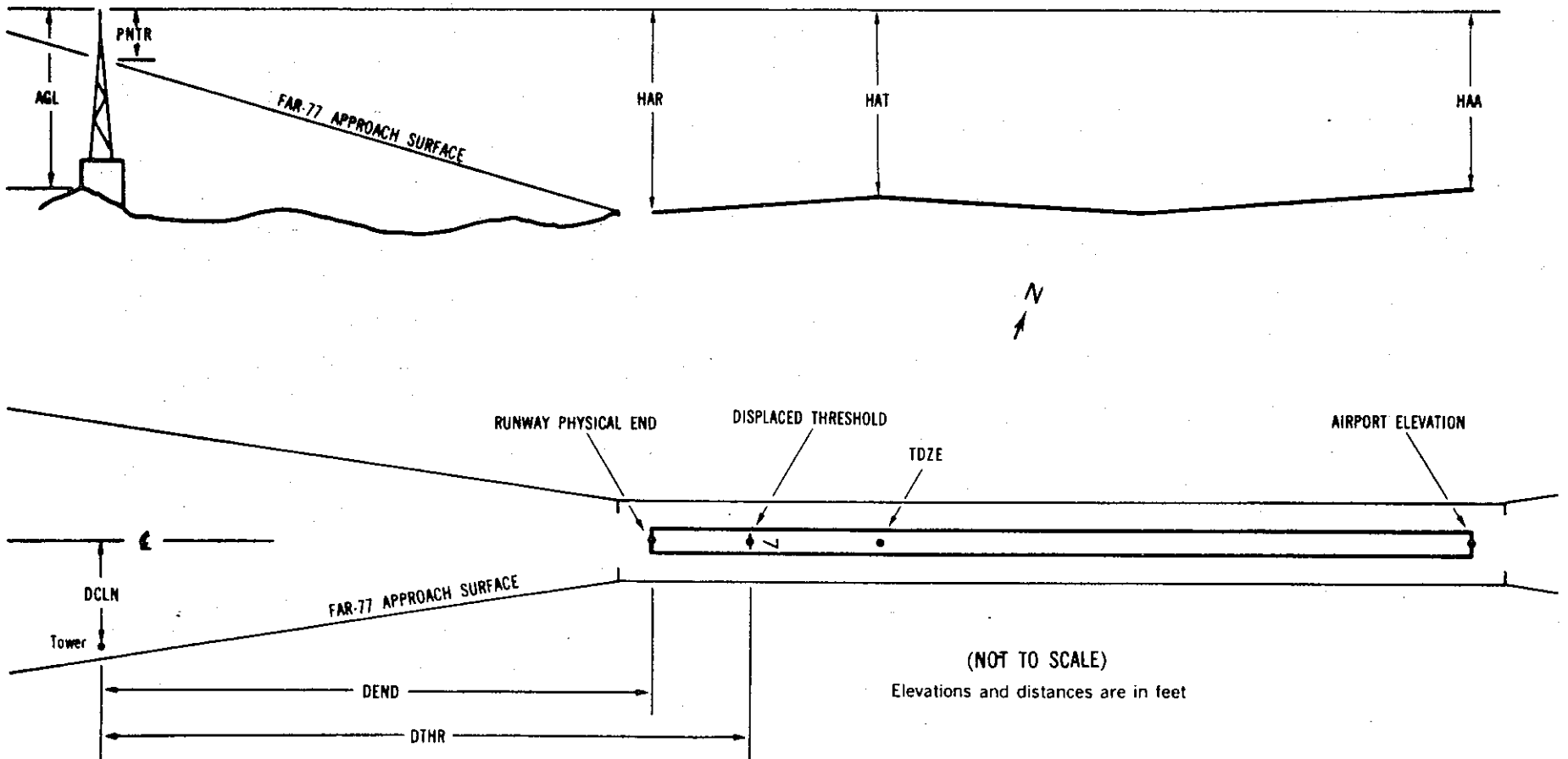
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

| | | | | | | | | | | | | |
|----------------|----------------|------------------------|-------------------------|---------------------------|----------------------|------------------------|-------------------------|---------------------------|--------------------|--------------------|--------------------|--------------------|
| X ¹ | X ² | XXXX/XXXX ³ | XXXXXX.XXX ⁴ | XXXXXXXX.XXX ⁴ | XXXXXXX ⁵ | XXXX/XXXX ⁶ | XXXXXX.XXX ⁷ | XXXXXXXX.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 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).

OC5789

AIRPORT ELEVATION 9

4 A(V) 9/ 392119.542N 0742725.857W 2074401 9/ 392120.859N 0742724.965W

| OBJECT | LAT | LONG | A | ELEV | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|------------------------|-----------|------------|----|------|-----|-----|-----|-----|------|------|------|------|
| FENCE | 392119.05 | 0742724.69 | 1A | 12 | | 3 | | 3 | 1 | 152 | 105R | 3 |
| ROAD (N) | 392118.39 | 0742724.83 | 1A | 22 | | 13 | | 13 | 66 | 216 | 126R | 13 |
| MOBILE CRANE | 392117.24 | 0742725.62 | 1A | 126* | | 117 | | 117 | 198 | 348 | 125R | 117 |
| PIPE | 392116.03 | 0742727.24 | 1A | 18 | | 9 | | 9 | 366 | 516 | 69R | 1 |
| OL ON POLE | 392115.05 | 0742728.26 | 1A | 36 | | 27 | | 27 | 490 | 641 | 45R | 12 |
| TREE | 392114.21 | 0742731.55 | 1A | 55 | | 46 | | 46 | 685 | 836 | 145L | 22 |
| VENT ON OL BUILDING | 392041.85 | 0742747.22 | 1A | 233 | 222 | 224 | | 224 | 4157 | 4307 | 289R | 26 |
| ANTENNA ON OL BUILDING | 392036.43 | 0742755.66 | 1A | 264 | 253 | 255 | | 255 | 4950 | 5101 | 43L | 17 |

22 A(V) 9/ 392142.252N 0742710.476W 0274410

| OBJECT | LAT | LONG | A | ELEV | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|--------------|-----------|------------|----|------|-----|-----|-----|-----|-------|------|------|------|
| MOBILE CRANE | 392117.24 | 0742725.62 | 1A | 126* | | 117 | | 117 | -2794 | | 125L | 117 |
| ROAD (N) | 392118.39 | 0742724.83 | 1A | 22 | | 13 | | 13 | -2662 | | 126L | 13 |
| FENCE | 392119.22 | 0742724.58 | 1A | 12 | | 3 | | 3 | -2578 | | 104L | 3 |
| ROAD (N) | 392153.96 | 0742702.65 | 1A | 27 | | 18 | | 18 | 1335 | | 7R | -39 |
| OL SIGN | 392155.68 | 0742702.54 | 1A | 74 | | 65 | | 65 | 1493 | | 81R | 0 |

* Probable maximum obstructing height in mobile crane area.

NOTE: Vessels may penetrate these approach surfaces. Refer to local authorities for maximum vessel height.

OC5789

AIRPORT ELEVATION 9

11 PIR 8/ 392143.127N 0742746.228W 2830222

| OBJECT | LAT | LONG | A | ELEV | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|---------------------------|-----------|------------|----|------|-----|-----|-----|-----|-------|------|------|------|
| FENCE | 392134.24 | 0742711.83 | 1A | 14 | | 6 | | 5 | -2835 | | 267R | 5 |
| OL ON LTD WINDSOCK AT TEE | 392141.39 | 0742715.45 | 1A | 31 | | 23 | | 22 | -2395 | | 374L | 22 |
| ANTENNA ON HANGAR | 392143.20 | 0742732.31 | 1A | 28 | | 20 | | 19 | -1063 | | 254L | 20 |
| ANTENNA ON LIGHTED HANGAR | 392137.41 | 0742742.23 | 1A | 56 | | 48 | | 47 | -436 | | 493R | 48 |
| POLE | 392139.65 | 0742747.69 | 1A | 41 | | 33 | | 32 | 32 | | 369R | 33 |
| FENCE | 392140.91 | 0742747.41 | 1A | 14 | | 6 | | 5 | 40 | | 240R | 6 |
| OL ON FENCE | 392144.31 | 0742747.32 | 1A | 13 | | 5 | | 4 | 111 | | 97L | 5 |
| POLE | 392138.76 | 0742749.92 | 1A | 48 | | 40 | | 39 | 183 | | 496R | 40 |
| POLE | 392141.25 | 0742757.16 | 1A | 47 | | 39 | | 38 | 794 | | 378R | 27 |
| ANTENNA ON BUILDING | 392146.04 | 0742759.66 | 1A | 44 | | 36 | | 35 | 1095 | | 49L | 18 |
| POLE | 392144.93 | 0742800.57 | 1A | 55 | | 47 | | 46 | 1139 | | 77R | 28 |
| OL SIGN | 392148.84 | 0742804.77 | 1A | 66 | | 58 | | 57 | 1549 | | 235L | 31 |
| POLE | 392151.06 | 0742808.13 | 1A | 48 | | 40 | | 39 | 1857 | | 394L | 7 |
| TREE | 392153.53 | 0742809.43 | 1A | 56 | | 48 | | 47 | 2013 | | 614L | 12 |

NOTE: Vessels may penetrate this approach surface. Refer to local authorities for maximum vessel height.

OC5789

AIRPORT ELEVATION 9

29 A(NP) 9/ 392136.813N 0742711.118W 1030244

| OBJECT | LAT | LONG | A | ELEV | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|---------------------------|-----------|------------|----|------|-----|-----|-----|-----|-------|------|------|------|
| POLE | 392138.76 | 0742749.92 | 1A | 48 | | 39 | | 39 | -3014 | | 496L | 40 |
| OL ON FENCE | 392144.31 | 0742747.32 | 1A | 13 | | 4 | | 4 | -2941 | | 97R | 5 |
| FENCE | 392140.91 | 0742747.41 | 1A | 14 | | 5 | | 5 | -2870 | | 240L | 6 |
| POLE | 392139.65 | 0742747.69 | 1A | 41 | | 32 | | 32 | -2863 | | 369L | 33 |
| ANTENNA ON LIGHTED HANGAR | 392137.41 | 0742742.23 | 1A | 56 | | 47 | | 47 | -2395 | | 493L | 48 |
| ANTENNA ON HANGAR | 392143.20 | 0742732.31 | 1A | 28 | | 19 | | 19 | -1767 | | 254R | 20 |
| OL ON LTD WINDSOCK AT TEE | 392141.39 | 0742715.45 | 1A | 31 | | 22 | | 22 | -436 | | 374R | 22 |
| FENCE | 392134.24 | 0742711.83 | 1A | 14 | | 5 | | 5 | 5 | | 267L | 5 |
| ANTENNA ON BUILDING | 392128.97 | 0742652.39 | 1A | 50 | | 41 | | 41 | 1612 | | 441L | -1 |
| ROAD (N) | 392133.11 | 0742650.56 | 1A | 21 | | 12 | | 12 | 1658 | | 1L | -31 |
| ANTENNA ON OL TOWER | 392131.48 | 0742642.19 | 1A | 110 | | 101 | | 101 | 2335 | | 12L | 38 |
| ROD ON STACK | 392137.67 | 0742631.86 | 1A | 111 | | 102 | | 102 | 2984 | | 780R | 20 |
| ANTENNA ON OL BUILDING | 392118.77 | 0742615.88 | 1A | 380 | 370 | 371 | | 371 | 4639 | | 798L | 240 |
| ANTENNA ON OL BUILDING | 392120.50 | 0742610.36 | 1A | 256 | 245 | 247 | | 247 | 5022 | | 531L | 105 |

NOTE: Vessels may penetrate this approach surface. Refer to local authorities for maximum vessel height.

OC5789

AIRPORT ELEVATION 9

ARP 392135.630N 0742723.647W

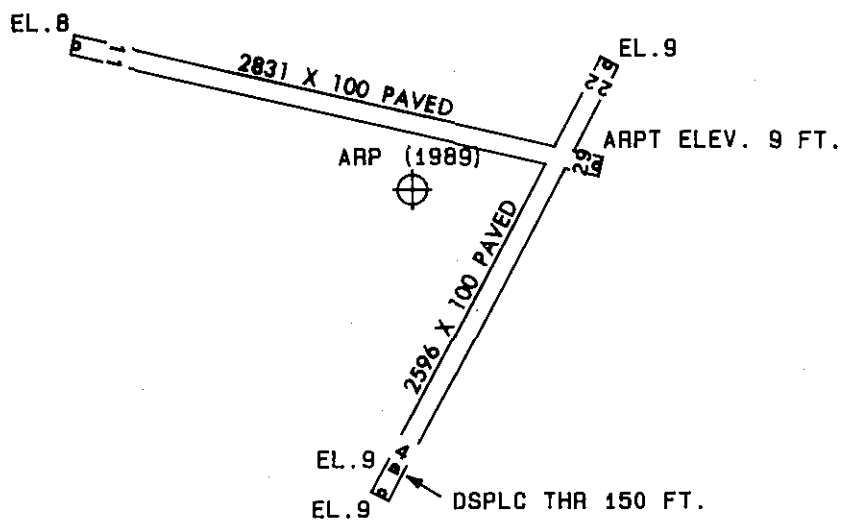
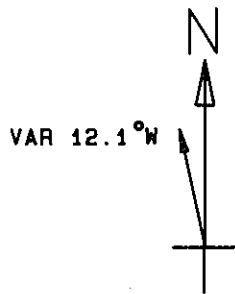
| OBJECT | LAT | LONG | A | ELEV | AGL | HAA | MAG | BEARING | DISTANCE |
|--------------------------|-----------|------------|----|------|-----|-----|-----|---------|----------|
| ANTENNA ON OL CONTROL TR | 392133.14 | 0742727.33 | 1A | 44 | | 35 | 240 | 59 | 384 |
| TREE | 392127.30 | 0742709.93 | 1A | 59 | | 50 | 140 | 8 | 1368 |
| STADIUM LIGHT | 392121.29 | 0742729.73 | 1A | 49 | | 40 | 210 | 20 | 1528 |
| ROD OL AIRPORT BEACON | 392137.31 | 0742744.00 | 1A | 611 | | 602 | 288 | 11 | 1608 |
| TREE | 392120.13 | 0742717.47 | 1A | 57 | | 48 | 174 | 55 | 1641 |
| ANTENNA ON TOWER | 392128.63 | 0742703.09 | 1A | 69 | | 60 | 125 | 48 | 1764 |
| SIGN | 392117.89 | 0742730.46 | 1A | 44 | | 35 | 208 | 43 | 1873 |
| TREE | 392128.00 | 0742657.51 | 1A | 44 | | 35 | 122 | 43 | 2194 |
| ANTENNA ON BUILDING | 392114.94 | 0742732.82 | 1A | 48 | | 39 | 211 | 5 | 2214 |
| CROSSING GUARD | 392113.26 | 0742726.66 | 1A | 46 | | 37 | 198 | 4 | 2275 |
| ANTENNA | 392112.62 | 0742735.42 | 1A | 58 | | 49 | 213 | 45 | 2505 |
| MOBILE CRANE | 392153.17 | 0742647.35 | 1B | 174* | | 165 | 70 | 12 | 3359 |
| ANTENNA ON OL BUILDING | 392102.20 | 0742726.49 | 1A | 189 | | 180 | 195 | 52 | 3390 |
| ANTENNA ON OL BUILDING | 392115.51 | 0742648.84 | 1A | 276 | 266 | 267 | 138 | 46 | 3409 |
| ANTENNA ON OL BUILDING | 392101.46 | 0742702.63 | 1A | 287 | 276 | 278 | 166 | 35 | 3831 |
| OL ON BUILDING | 392104.54 | 0742655.62 | 1A | 361 | 350 | 352 | 157 | 6 | 3839 |
| ANTENNA ON OL BUILDING | 392108.92 | 0742643.74 | 1A | 267 | 258 | 258 | 142 | 52 | 4139 |
| ANTENNA ON OL BUILDING | 392053.17 | 0742719.39 | 1A | 294 | 283 | 285 | 187 | 39 | 4309 |
| ANTENNA ON OL BUILDING | 392109.81 | 0742638.52 | 1A | 303 | 294 | 294 | 138 | 29 | 4404 |
| ANTENNA ON OL BUILDING | 392113.34 | 0742623.49 | 1A | 315 | 310 | 306 | 127 | 36 | 5236 |
| OL ON TOWER | 392234.50 | 0742707.58 | 1A | 320 | 316 | 311 | 24 | 4 | 6089 |
| ROD ON OL BUILDING | 392123.58 | 0742558.08 | 1A | 386 | 382 | 377 | 112 | 23 | 6831 |
| OL BUILDING | 392126.67 | 0742555.91 | 2A | 355 | 345 | 346 | 109 | 35 | 6951 |
| OL ON BUILDING | 392033.81 | 0742803.63 | 1A | 250 | 239 | 241 | 218 | 46 | 6999 |
| ANTENNA ON OL BUILDING | 392155.62 | 0742555.49 | 1B | 187 | | 178 | 85 | 48 | 7213 |
| OL TOWER | 392243.76 | 0742653.40 | 1A | 397 | 395 | 388 | 31 | 7 | 7292 |
| ANTENNA ON OL BUILDING | 392028.83 | 0742810.52 | 1B | 208 | | 199 | 220 | 41 | 7697 |
| OL ON MAST | 392223.29 | 0742606.77 | 1B | 155 | | 146 | 63 | 29 | 7727 |
| OL ON TOWER | 392251.71 | 0742702.05 | 1A | 371 | 368 | 362 | 24 | 32 | 7883 |
| ANTENNA ON OL BUILDING | 392140.03 | 0742530.48 | 1A | 330 | 319 | 321 | 99 | 13 | 8900 |
| BUILDING | 392020.52 | 0742827.52 | 1B | 164 | | 155 | 225 | 32 | 9107 |
| OL ON TOWER | 392121.95 | 0742528.86 | 2A | 335 | 324 | 326 | 110 | 49 | 9122 |
| ANTENNA ON OL BUILDING | 392205.12 | 0742532.94 | 1B | 205 | | 196 | 83 | 9 | 9193 |

AIRPORT ELEVATION 9

ARP 392135.630N 0742723.647W

| OBJECT | LAT | LONG | A | ELEV | AGL | HAA | MAG BEARING | DISTANCE |
|------------------------|-----------|------------|----|------|-----|-----|-------------|----------|
| OL ON BUILDING | 392037.67 | 0742853.95 | 1B | 164 | | 155 | 242 32 | 9204 |
| BUILDING | 392131.54 | 0742521.39 | 1A | 284 | 273 | 275 | 104 33 | 9612 |
| OL ON BUILDING | 392135.19 | 0742511.00 | 1A | 456 | 452 | 447 | 102 20 | 10419 |
| ANTENNA ON OL BUILDING | 392245.40 | 0742540.62 | 1A | 314 | 307 | 305 | 60 59 | 10738 |
| ANTENNA ON OL MAST | 392240.75 | 0742527.23 | 2A | 231 | 224 | 222 | 66 19 | 11270 |
| OL ON BUILDING | 392151.41 | 0742500.98 | 2A | 283 | 275 | 274 | 93 59 | 11319 |
| OL ON LIGHTHOUSE | 392158.34 | 0742452.38 | 2C | 181 | | 172 | 91 8 | 12102 |
| ANTENNA ON OL BUILDING | 392306.03 | 0742537.71 | 2C | 206 | | 197 | 54 23 | 12364 |
| ANTENNA ON OL BUILDING | 392210.98 | 0742446.83 | 2A | 340 | 334 | 331 | 85 53 | 12825 |

* Probable maximum obstructing height in mobile crane area.



ATLANTIC CITY MUNICIPAL AIRPORT / BADER FIELD
ATLANTIC CITY, NEW JERSEY
(NOT TO SCALE)