

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 04/21/2005

PROJECT NUMBER: 982
 ARPT IDENTIFIER: TTN
 ARPT NAME: TRENTON MERCER AIRPORT
 CITY: TRENTON
 STATE: NEW JERSEY
 ARPT ELEVATION: 212.0
 AIRPORT REFERENCE POINT

SITE NUMBER: 14366.A
 SURVEY DATE: 10/25/2004
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 244.0
 DECLINATION: 12.8W

DISTANCE FROM RWY END: 16+414
 LATITUDE: 401636.1 LONGITUDE: -744848.5

RUNWAY INFORMATION

RUNWAY: 6/24 LENGTH: 6006 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
 GEODETIC

DISPLACED THRESHOLD DATA

| RWY | LATITUDE | LONGITUDE | ELEV | AZ (N) | TDZE | LENGTH | LATITUDE | LONGITUDE | ELEV |
|-----|-------------|--------------|-------|---------|-------|--------|----------|-----------|------|
| 6 | 401611.1101 | -744917.6782 | 160.3 | 462821 | 185.7 | | | | |
| 24 | 401651.9810 | -744821.4918 | 192.0 | 2262858 | 192.3 | | | | |

PROFILE DATA

DISTANCES FROM APPROACH END 6

DISTANCES FROM APPROACH END 24

| DISTANCE | ELEV |
|----------|-------|
| 0 | 160.3 |
| 625 | 165.2 |
| 1735 | 178.3 |
| 3748 | 189.9 |
| 4518 | 192.2 |
| 6006 | 192.0 |

| DISTANCE | ELEV |
|----------|-------|
| 0 | 192.0 |
| 1488 | 192.2 |
| 2258 | 189.9 |
| 4271 | 178.3 |
| 5381 | 165.2 |
| 6006 | 160.3 |

RUNWAY: 16/34 LENGTH: 4800 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETIC

DISPLACED THRESHOLD DATA

| RWY | LATITUDE | LONGITUDE | ELEV | AZ (N) | TDZE | LENGTH | LATITUDE | LONGITUDE | ELEV |
|-----|-------------|--------------|-------|---------|-------|--------|----------|-----------|------|
| 16 | 401701.3748 | -744904.6966 | 212.0 | 1453936 | 212.0 | | | | |
| 34 | 401622.2086 | -744829.7652 | 174.0 | 3253959 | 201.7 | | | | |

PROFILE DATA

DISTANCES FROM APPROACH END 16

DISTANCES FROM APPROACH END 34

| DISTANCE | ELEV |
|----------|-------|
| 0 | 212.0 |
| 414 | 212.0 |
| 1157 | 208.3 |
| 3034 | 189.9 |
| 4800 | 174.0 |

| DISTANCE | ELEV |
|----------|-------|
| 0 | 174.0 |
| 1766 | 189.9 |
| 3643 | 208.3 |
| 4386 | 212.0 |
| 4800 | 212.0 |

DATE GENERATED: 04/21/2005

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CITY: TRENTON
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SITE NUMBER: 14366.A
SURVEY DATE: 10/25/2004
HORIZONTAL DATUM: NAD83
VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

| ELECTRONIC | LATITUDE | LONGITUDE | ELEV | OFFSET DISTANCE | ALONG CNTRLN DISTANCE |
|--------------|-------------|--------------|-------|--------------------|--------------------------|
| GS (6) | 401619.7132 | -744910.9560 | 167.0 | | |
| GS (6) PP | 401617.7617 | -744908.5361 | 169.5 | 272L | 977 |
| LOC (6) | 401654.3603 | -744818.2270 | 185.6 | | 349 |
| LOM (6) | 401245.4583 | -745356.9602 | | | 30036 |
| MM (6) | 401552.8240 | -744942.4263 | | | 2665 |
| VOR/DME(ARD) | 401512.0251 | -745427.4241 | 300.0 | | |

| VISUAL | LATITUDE | LONGITUDE |
|-----------|-------------|--------------|
| ALS (6) | | |
| APBN | 401640.1655 | -744856.4392 |
| REIL (24) | | |
| REIL (34) | | |
| VASI (24) | | |
| VASI (34) | | |

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 SURVEY DATE: 10/25/2004
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88

OBSTRUCTION INFORMATION

6 PIR

| OBJECT | LATITUDE | LONGITUDE | A | ELEV | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|------------|-----------|------------|----|------|-----|-----|-----|-----|-------|------|-------|------|
| WSK | 401642.83 | -744829.19 | 1A | 199 | | 39 | 13 | -13 | -4936 | | 261R | 6 |
| AMOM | 401636.60 | -744848.68 | 1A | 221 | | 61 | 35 | 9 | -3406 | | 323L | 33 |
| OL WSK | 401636.96 | -744850.54 | 1A | 219 | | 59 | 33 | 7 | -3327 | | 448L | 32 |
| FENCE | 401626.06 | -744906.36 | 1A | 186 | | 26 | 0 | -26 | -1678 | | 493L | 8 |
| FENCE | 401621.82 | -744912.41 | 1A | 173 | | 13 | -13 | -39 | -1042 | | *504L | 3 |
| OL ON GS | 401619.71 | -744910.96 | 1A | 210 | | 50 | 24 | -2 | -977 | | 272L | 41 |
| TREE | 401613.08 | -744906.34 | 1A | 222 | | 62 | 36 | 10 | -775 | | 461R | 55 |
| TREE | 401609.85 | -744909.68 | 1A | 217 | | 57 | 31 | 5 | -362 | | *519R | 54 |
| OL ON POLE | 401607.26 | -744913.64 | 1A | 185 | | 25 | -1 | -27 | 41 | | 498R | 25 |
| BLDG | 401605.26 | -744915.60 | 1A | 171 | | 11 | -15 | -41 | 290 | | *540R | 9 |
| TREE | 401611.34 | -744925.09 | 1A | 174 | | 14 | -12 | -38 | 401 | | 412L | 10 |
| TREE | 401603.41 | -744935.21 | 1A | 195 | | 35 | 9 | -17 | 1522 | | 371L | 8 |
| TREE | 401601.64 | -744933.74 | 1A | 197 | | 37 | 11 | -15 | 1563 | | 162L | 10 |
| TREE | 401550.98 | -744930.89 | 1A | 242 | | 82 | 56 | 30 | 2146 | | 772R | 43 |
| TREE | 401552.93 | -744937.45 | 1A | 220 | | 60 | 34 | 8 | 2378 | | 279R | 16 |
| TREE | 401550.12 | -744934.15 | 1A | 231 | | 71 | 45 | 19 | 2389 | | 661R | 27 |
| TREE | 401548.07 | -744933.14 | 1A | 255 | | 95 | 69 | 43 | 2475 | | *865R | 50 |
| TREE | 401549.55 | -744943.90 | 1A | 227 | | 67 | 41 | 15 | 2976 | | 182R | 11 |
| TREE | 401543.47 | -744939.97 | 1A | 244 | | 84 | 58 | 32 | 3179 | | 838R | 24 |
| TREE | 401555.11 | -744955.35 | 1A | 242 | | 82 | 56 | 30 | 3233 | | 837L | 21 |
| TREE | 401550.33 | -744950.15 | 1A | 224 | | 64 | 38 | 12 | 3274 | | 209L | 2 |
| TREE | 401554.21 | -744955.46 | 1A | 240 | | 80 | 54 | 28 | 3302 | | 777L | 18 |
| TREE | 401552.34 | -744953.95 | 1A | 239 | | 79 | 53 | 27 | 3347 | | 560L | 15 |
| TREE | 401549.04 | -744950.15 | 1A | 228 | | 68 | 42 | 16 | 3363 | | 114L | 5 |
| TREE | 401546.94 | -744950.13 | 1A | 228 | | 68 | 42 | 16 | 3509 | | 41R | 2 |

24 C

| OBJECT | LATITUDE | LONGITUDE | A | ELEV | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|---------------|-----------|------------|----|------|-----|-----|-----|-----|-------|------|-------|------|
| OL ON POLE | 401607.26 | -744913.64 | 1A | 185 | | -7 | -7 | -27 | -6047 | | 498L | 25 |
| TREE | 401609.85 | -744909.68 | 1A | 217 | | 25 | 25 | 5 | -5644 | | *519L | 54 |
| TREE | 401613.08 | -744906.34 | 1A | 222 | | 30 | 30 | 10 | -5231 | | 461L | 55 |
| OL ON GS | 401619.71 | -744910.96 | 1A | 210 | | 18 | 18 | -2 | -5029 | | 272R | 41 |
| FENCE | 401621.82 | -744912.41 | 1A | 173 | | -19 | -19 | -39 | -4964 | | *504R | 3 |
| FENCE | 401626.06 | -744906.36 | 1A | 186 | | -6 | -6 | -26 | -4328 | | 493R | 8 |
| OL WSK | 401636.96 | -744850.54 | 1A | 219 | | 27 | 27 | 7 | -2679 | | 448R | 32 |
| AMOM | 401636.60 | -744848.68 | 1A | 221 | | 29 | 29 | 9 | -2600 | | 323R | 33 |
| WSK | 401642.83 | -744829.19 | 1A | 199 | | 7 | 7 | -13 | -1070 | | 261L | 6 |
| RD(N) | 401650.03 | -744814.77 | 1A | 193 | | 1 | 1 | -19 | 242 | | 502L | 0 |
| OL LOC | 401654.36 | -744818.23 | 1A | 194 | | 2 | 2 | -18 | 349 | | 0R | -2 |
| ANT ON BLDG | 401657.71 | -744819.93 | 1A | 200 | | 8 | 8 | -12 | 487 | | 337R | 0 |
| TREE | 401652.26 | -744812.12 | 1A | 214 | | 22 | 22 | 2 | 546 | | 479L | 12 |
| TREE | 401655.96 | -744812.02 | 1A | 210 | | 18 | 18 | -2 | 809 | | 213L | 1 |
| TREE | 401654.66 | -744805.80 | 1A | 253 | | 61 | 61 | 41 | 1068 | | *641L | 35 |
| TREE | 401702.56 | -744814.89 | 1A | 227 | | 35 | 35 | 15 | 1108 | | 424R | 8 |
| TREE | 401702.23 | -744812.68 | 1A | 228 | | 36 | 36 | 16 | 1209 | | 282R | 6 |
| TREE | 401656.76 | -744802.75 | 1A | 262 | | 70 | 70 | 50 | 1386 | | *650L | 35 |
| TREE | 401700.44 | -744803.39 | 1A | 260 | | 68 | 68 | 48 | 1607 | | 345L | 26 |
| TREE | 401708.34 | -744812.53 | 1A | 257 | | 65 | 65 | 45 | 1643 | | *722R | 23 |
| OL ON POLE | 401708.42 | -744810.53 | 1A | 238 | | 46 | 46 | 26 | 1761 | | 622R | 0 |
| TREE | 401702.58 | -744802.44 | 1A | 253 | | 61 | 61 | 41 | 1810 | | 239L | 14 |
| TREE | 401708.68 | -744807.10 | 1A | 265 | | 73 | 73 | 53 | 1973 | | 458R | 21 |
| TREE | 401711.80 | -744806.37 | 1A | 256 | | 64 | 64 | 44 | 2231 | | 647R | 4 |
| TREE | 401705.75 | -744756.57 | 1A | 268 | | 76 | 76 | 56 | 2360 | | 319L | 12 |
| TREE | 401708.07 | -744756.17 | 1A | 266 | | 74 | 74 | 54 | 2544 | | 171L | 5 |
| ROD ON OL TWR | 401724.53 | -744736.80 | 1A | 321 | | 129 | 129 | 109 | 4780 | | 4R | -6 |
| TRMSN TWR | 401758.89 | -744713.34 | 1A | 360 | | 168 | 168 | 148 | 8492 | | 1275R | -76 |
| TRMSN TWR | 401800.19 | -744659.78 | 1A | 364 | | 172 | 172 | 152 | 9345 | | 647R | -97 |

16 C

| OBJECT | LATITUDE | LONGITUDE | A | ELEV | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|--------|-----------|------------|----|------|-----|-----|-----|-----|------|------|-------|------|
| TREE | 401707.44 | -744905.19 | 1A | 237 | | 25 | 25 | 25 | 528 | | *314L | 15 |
| TREE | 401707.49 | -744905.56 | 1A | 233 | | 21 | 21 | 21 | 549 | | 294L | 10 |

16 C (CONTINUED)

| OBJECT | LATITUDE | LONGITUDE | A | ELEV | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|--------|-----------|------------|----|------|-----|-----|-----|-----|------|------|------|------|
| TREE | 401708.70 | -744912.03 | 1A | 234 | | 22 | 22 | 22 | 932 | | 51R | 1 |

34 C

| OBJECT | LATITUDE | LONGITUDE | A | ELEV | AGL | HAR | HAT | HAA | DEND | DTHR | DCLN | PNTR |
|--------|-----------|------------|----|------|-----|-----|-----|-----|------|------|------|------|
| TREE | 401621.71 | -744825.60 | 1A | 200 | | 26 | -2 | -12 | 224 | | 238R | 25 |
| TREE | 401620.01 | -744826.67 | 1A | 200 | | 26 | -2 | -12 | 319 | | 72R | 23 |
| TREE | 401616.77 | -744828.24 | 1A | 205 | | 31 | 3 | -7 | 521 | | 213L | 22 |
| TREE | 401614.63 | -744827.62 | 1A | 211 | | 37 | 9 | -1 | 727 | | 295L | 21 |
| TREE | 401611.46 | -744824.29 | 1A | 215 | | 41 | 13 | 3 | 1138 | | 263L | 14 |
| TREE | 401610.67 | -744820.59 | 1A | 212 | | 38 | 10 | 0 | 1366 | | 71L | 4 |
| TREE | 401609.77 | -744816.69 | 1A | 217 | | 43 | 15 | 5 | 1611 | | 127R | 2 |

ARP HCT

| OBJECT | LATITUDE | LONGITUDE | A | ELEV | AGL | HAA | MAG | BEARING | DISTANCE | PNTR |
|-----------------------|-----------|------------|----|------|-----|-----|-----|---------|----------|------|
| ANT + APBN ON OL ATCT | 401640.17 | -744856.44 | 1A | 275 | | 63 | | 31634 | 740 | 17 |
| ANT ON BLDG | 401631.48 | -744904.78 | 1A | 248 | | 36 | | 26228 | 1346 | 23 |
| OL ON TK | 401621.59 | -744845.86 | 1A | 214 | | 2 | | 18451 | 1482 | -30 |
| TREE | 401627.44 | -744906.63 | 1A | 196 | | -16 | | 25051 | 1656 | 3 |
| TREE | 401630.02 | -744908.73 | 1A | 264 | | 52 | | 26123 | 1685 | 26 |
| OL HGR | 401619.13 | -744848.73 | 1A | 235 | | 23 | | 19323 | 1717 | -11 |
| OL HGR | 401617.02 | -744853.08 | 1A | 234 | | 22 | | 20313 | 1963 | 1 |
| TREE | 401626.90 | -744911.28 | 1A | 232 | | 20 | | 25459 | 1996 | 12 |
| TREE | 401626.93 | -744825.50 | 1A | 254 | | 42 | | 13017 | 2010 | 36 |
| ANT | 401616.62 | -744841.56 | 1A | 258 | | 46 | | 17732 | 2044 | -34 |
| TREE | 401623.33 | -744912.91 | 1A | 217 | | 5 | | 24828 | 2291 | 25 |
| TREE | 401624.15 | -744823.24 | 1A | 231 | | 19 | | 13429 | 2301 | 17 |
| FENCE | 401621.82 | -744912.41 | 1A | 173 | | -39 | | 24451 | 2350 | 2 |
| OL ON TK | 401613.65 | -744840.39 | 1A | 275 | | 63 | | 17720 | 2358 | -31 |
| TREE | 401622.26 | -744823.95 | 1A | 218 | | 6 | | 13909 | 2363 | 26 |
| TREE | 401625.42 | -744916.98 | 1A | 250 | | 38 | | 25643 | 2458 | 7 |
| TREE | 401622.20 | -744822.46 | 1A | 224 | | 12 | | 13740 | 2460 | 18 |

| ARP | HCT | (CONTINUED) | | | | | | | | | |
|-----------|---------|-------------|------------|----|------|-----|-----|-----|---------|----------|------|
| OBJECT | | LATITUDE | LONGITUDE | A | ELEV | AGL | HAA | MAG | BEARING | DISTANCE | PNTR |
| HGR | | 401654.48 | -744909.95 | 1A | 249 | | 37 | | 33101 | 2495 | -32 |
| ANT ON OL | HGR | 401656.86 | -744830.45 | 1A | 244 | | 32 | | 4627 | 2524 | 4 |
| POLE | | 401615.10 | -744830.03 | 1A | 193 | | -19 | | 15849 | 2562 | -9 |
| HGR | | 401701.73 | -744857.04 | 1A | 222 | | 10 | | 35829 | 2677 | -27 |
| TREE | | 401613.78 | -744828.77 | 1A | 223 | | 11 | | 15841 | 2728 | 21 |
| TREE | | 401612.22 | -744905.44 | 1A | 238 | | 26 | | 22119 | 2751 | 61 |
| TREE | | 401612.67 | -744829.30 | 1A | 228 | | 16 | | 16040 | 2800 | 11 |
| TREE | | 401658.25 | -744911.27 | 1A | 264 | | 52 | | 33435 | 2853 | 3 |
| ANT ON OL | TWR | 401633.52 | -744811.72 | 1A | 364 | | 152 | | 10802 | 2863 | 2 |
| TREE | | 401618.42 | -744917.97 | 1A | 218 | | 6 | | 24444 | 2902 | 47 |
| TREE | | 401621.74 | -744920.96 | 1A | 248 | | 36 | | 25247 | 2905 | 19 |
| WSK | | 401658.94 | -744824.89 | 1A | 218 | | 6 | | 5110 | 2948 | -3 |
| TREE | | 401648.90 | -744814.26 | 1A | 207 | | -5 | | 7647 | 2953 | -1 |
| OL ON | HGR | 401701.33 | -744828.41 | 1A | 267 | | 55 | | 4410 | 2991 | -5 |
| TREE | | 401619.00 | -744921.13 | 1A | 241 | | 29 | | 24825 | 3065 | 41 |
| TREE | | 401704.58 | -744902.12 | 1A | 240 | | 28 | | 35241 | 3069 | 14 |
| TREE | | 401704.78 | -744903.00 | 1A | 230 | | 18 | | 35138 | 3113 | 10 |
| TREE | | 401705.14 | -744901.82 | 1A | 244 | | 32 | | 35326 | 3115 | 10 |
| TREE | | 401609.85 | -744909.68 | 1A | 217 | | 5 | | 22431 | 3123 | 51 |
| TREE | | 401702.83 | -744911.21 | 1A | 245 | | 33 | | 33944 | 3227 | 19 |
| OL | ANT | 401637.32 | -744931.40 | 1A | 368 | | 156 | | 28455 | 3328 | 6 |
| TREE | | 401707.44 | -744905.19 | 1A | 237 | | 25 | | 35036 | 3425 | 13 |
| TREE | | 401607.51 | -744912.26 | 1A | 221 | | 9 | | 22516 | 3430 | 52 |
| TREE | | 401651.04 | -744807.72 | 1A | 264 | | 52 | | 7714 | 3503 | 23 |
| TREE | | 401614.38 | -744924.39 | 1A | 187 | | -25 | | 24429 | 3546 | 13 |
| TREE | | 401652.22 | -744805.47 | 1A | 264 | | 52 | | 7643 | 3713 | 15 |
| TREE | | 401613.64 | -744927.15 | 1A | 201 | | -11 | | 24537 | 3760 | 14 |
| BLDG | | 401605.26 | -744915.60 | 1A | 171 | | -41 | | 22644 | 3762 | 5 |
| TREE | | 401654.66 | -744805.80 | 1A | 253 | | 41 | | 7313 | 3805 | 31 |
| OL ON | LT POLE | 401603.89 | -744915.80 | 1A | 192 | | -20 | | 22547 | 3887 | 14 |
| TREE | | 401654.27 | -744803.11 | 1A | 271 | | 59 | | 7511 | 3969 | 23 |
| ANT ON OL | TK | 401632.97 | -744939.59 | 1A | 357 | | 145 | | 27813 | 3973 | -5 |
| TREE | | 401656.76 | -744802.75 | 1A | 262 | | 50 | | 7216 | 4116 | 34 |
| TREE | | 401600.74 | -744917.35 | 1A | 244 | | 32 | | 22448 | 4219 | 45 |
| POLE | | 401708.40 | -744813.29 | 1A | 250 | | 38 | | 5239 | 4258 | 4 |
| TREE | | 401708.34 | -744812.53 | 1A | 257 | | 45 | | 5318 | 4291 | 17 |
| TREE | | 401559.73 | -744919.14 | 1A | 240 | | 28 | | 22538 | 4380 | 44 |

| ARP | HCT | (CONTINUED) | | | | | | | | | |
|-----------|-----|-------------|------------|----|------|-----|-----|-----|---------|----------|------|
| OBJECT | | LATITUDE | LONGITUDE | A | ELEV | AGL | HAA | MAG | BEARING | DISTANCE | PNTR |
| TREE | | 401554.15 | -744922.13 | 1A | 256 | | 44 | | 22421 | 4981 | 25 |
| TREE | | 401550.45 | -744927.71 | 1A | 271 | | 59 | | 22608 | 5530 | 45 |
| TREE | | 401548.07 | -744933.14 | 1A | 255 | | 43 | | 22815 | 5966 | 46 |
| TREE | | 401556.62 | -744957.11 | 1A | 256 | | 44 | | 24553 | 6651 | 23 |
| TREE | | 401557.38 | -744958.34 | 1B | 265 | | 53 | | 24654 | 6683 | 14 |
| TRMSN TWR | | 401758.89 | -744713.34 | 1A | 360 | | 148 | | 5408 | 11161 | -2 |
| TRMSN TWR | | 401800.19 | -744659.78 | 1A | 364 | | 152 | | 5730 | 11975 | 2 |
| OL ON TWR | | 401518.93 | -745143.05 | 2A | 433 | 245 | 221 | | 25249 | 15623 | -42 |

ADDITIONAL INFORMATION:

Runway 16/34 was in the process of being resurfaced at the time of survey. The 1996 ANA GPS survey of the runway end positions and supplemental points were held.

AERONAUTICAL DATA IS AVAILABLE ON THE INTERNET AT [HTTP://WWW.NGS.NOAA.GOV](http://www.ngs.noaa.gov).

ADDITIONAL INFORMATION ON DATA STANDARDS CAN BE FOUND IN FAA NO. 405, "STANDARDS FOR AERONAUTICAL SURVEYS AND RELATED PRODUCTS".

AN ASTERISK "*" INDICATES THAT THIS OBJECT IS OUTSIDE, BUT WITHIN 50 FEET, OF THE OBSTRUCTION IDENTIFICATION SURFACE.