

# RADIO FIX AND HOLDING DATA RECORD

NAME: ATCOT

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 394115.34N/0745725.48W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

## FIX MAKE-UP FACILITIES:

| FAC | NAME       | IDENT | TYPE    | CLASS | MAG<br>BRG | TRUE<br>BRG | DME  | DIST FROM FAC<br>NM | FEET | MRA  | MAA   |
|-----|------------|-------|---------|-------|------------|-------------|------|---------------------|------|------|-------|
| 1   | CEDAR LAKE | VCN   | VOR/DME | L     | 012.97     | 002.97      | 9.00 | 9.00                |      | 1200 | 17500 |
| 2   | WOODSTOWN  | OOD   | VORTAC  | L     | 088.97     | 078.97      |      | 16.32               |      | 1200 | 17500 |

HOLDING:

HOLDING TYPE OF ACTION:

## REMARKS:

CEDAR LAKE (FAC 1) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

| USE TYPE | USE TITLE | FAC  | PAT | AIRPORT IDENT | CITY   | STATE   |
|----------|-----------|------|-----|---------------|--------|---------|
| IAP      | VOR-B     | 1, 2 |     | 19N           | BERLIN | NJ (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/12/2017

## REASON FOR REVISION:

FAC 1: TYPE CHANGED FROM VORTAC TO VOR/DME, ADDED DIST FROM FAC 9.00 NM, CHANGED MRA FROM 1000 TO 1200.

FAC 2: ADDED DIST FROM FAC 16.32 NM, CHANGED MRA FROM 1000 TO 1200.

REMARKS: UPDATED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/25/2017

OFFICE: AJV-5423

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

*Digitally signed by*

**APRIL T SARMENTO**

DISTRIBUTION:

NFDC

FPO: EST

ARTCC: ZDC

ATC FACILITY: ACY APP CON, WRI RAPCON

OTHER:

Jul 07, 2026

QUALITY  
42  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LEEAH

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 391539.27N/0745711.01W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

## FIX MAKE-UP FACILITIES:

| FAC | NAME          | IDENT | TYPE    | CLASS | MAG BRG | TRUE BRG | DME   | DIST FROM FAC NM | MRA  | MAA   |
|-----|---------------|-------|---------|-------|---------|----------|-------|------------------|------|-------|
| 1   | WATERLOO      | ATR   | VOR/DME | VL    | 032.98  | 023.98   | 29.61 | 29.61            | 1800 | 17500 |
| 2   | SMYRNA        | ENO   | VORTAC  | L     | 095.00  | 086.00   | 26.30 | 26.30            | 1800 | 17500 |
| 3   | WOODSTOWN     | OOD   | VORTAC  | L     | 154.01  | 144.01   | 27.76 | 27.76            | 3000 | 17500 |
| 4   | ATLANTIC CITY | ACY   | VORTAC  | VL    | 246.43  | 236.43   |       | 21.07            | 2000 | 17500 |
| 5   | SEA ISLE      | SIE   | VORTAC  | VH    | 333.35  | 324.35   |       | 12.21            | 3000 | 17500 |
| 6   | COYLE         | CYN   | VORTAC  | H     | 226.13  | 216.13   |       | 41.21            | 1800 | 17500 |

## EXPANDED SERVICE VOLUME (ESV):

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|-----------|----------|----------------|----------|--------------|--------------|
| CYN       | VORTAC   | R-226          | 42       | 1800         | 14800        |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | HOLDING ALTITUDES DME MIN MAX | TEMPLATES MIN MAX |
|-----|-----|-------|------|-------------|-------------|---------------|-----------------|-------------------------------|-------------------|
| 1   | NE  |       | WP   | 046.00      | 226.00      | R             |                 | 4 2000 6000                   | 4 6               |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPED | OBSTRUCTION       | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|---------|-------------------|------------------------|-----------|---------------|
| 1   | 200     | TOWER (34-000694) | 392233.00N/0745746.00W | 304       | 5D            |

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

WATERLOO (FAC 1) AND SMYRNA (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
SECTIONAL ADDED PER ATC REQUEST  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

| USE TYPE | USE TITLE         | FAC              | PAT | AIRPORT IDENT | CITY           | STATE   |
|----------|-------------------|------------------|-----|---------------|----------------|---------|
| DP       | ATLANTIC CITY     |                  |     | ACY           | ATLANTIC CITY  | NJ (US) |
| DP       | LEEAH             | 1, 2, 3, 4, 6    |     | MIV           | MILLVILLE      | NJ (US) |
| EN ROUTE | Q133              |                  |     |               |                | (US)    |
| EN ROUTE | T303              |                  |     |               |                | (US)    |
| EN ROUTE | T307              |                  |     |               |                | (US)    |
| EN ROUTE | T315              |                  |     |               |                | (US)    |
| EN ROUTE | T358              |                  |     |               |                | (US)    |
| EN ROUTE | V1                |                  |     |               |                | (US)    |
| EN ROUTE | V166              | 1, 2, 3, 4, 5, 6 |     |               |                | (US)    |
| EN ROUTE | V229              | 2, 3, 4, 5       |     |               |                | (US)    |
| EN ROUTE | V268              |                  |     |               |                | (US)    |
| IAP      | RNAV (GPS) RWY 27 |                  |     | 33N           | DOVER/CHESWOLD | DE (US) |
| IAP      | RNAV (GPS) RWY 1  |                  | 1   | OBI           | WOODBINE       | NJ (US) |
| IAP      | RNAV (GPS) RWY 19 |                  | 1   | OBI           | WOODBINE       | NJ (US) |

REQUIRED CHARTING: SECTIONAL, DP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22

DATE OF REVISION: 10/29/2026

## REASON FOR REVISION:

FIX USE: REMOVED "VOR-B" AT 19N.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

*Digitally signed by*  
**APRIL T SARMENTO**  
Jul 07, 2026

QUALITY  
42  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WOODSTOWN VORTAC STATE: NJ COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 393809.88N/0751811.00W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

## FIX MAKE-UP FACILITIES:

| FAC | NAME      | IDENT | TYPE   | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | FEET | MRA | MAA   |
|-----|-----------|-------|--------|-------|---------|----------|-----|------------------|------|-----|-------|
| 1   | WOODSTOWN | OOD   | VORTAC | L     |         |          |     |                  |      |     | 45000 |

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## PATTERNS:

| PAT | DIR | IDENT | TYPE   | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG TIME | LENGTH DME | HOLDING ALTITUDES MIN | MAX  | TEMPLATES MIN | MAX |
|-----|-----|-------|--------|-------------|-------------|---------------|----------|------------|-----------------------|------|---------------|-----|
| 1   | SW  | OOD   | VORTAC | 212.28      | 032.28      | L             | 1        |            | 2100                  | 8000 | 4             | 8   |
| 2   | SW  |       | WP     | 212.28      | 032.28      | L             |          | 4          | 2100                  | 8000 | 5             | 9   |
| 3   | SW  |       | WP     | 214.28      | 034.28      | L             |          | 4          | 3000                  | 8000 | 5             | 9   |

## CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION       | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1   | 200      | TOWER (34-000514) | 394143.35N/0751753.48W | 1055      | 1A            |
| 2   | 200      | TOWER (34-000514) | 394143.35N/0751753.48W | 1055      | 1A            |
| 3   | 200      | TOWER (34-000514) | 394143.35N/0751753.48W | 1055      | 1A            |

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST  
PAT 2 ATC REQUEST  
PAT 3 ATC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

ASSIGNED FACILTY MAGVAR: 10W (1980).  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
RADIALS USED FOR FIXES UP TO 45000 ESVS ON FILE.  
CHART SUBDUED ON EN ROUTE HIGH.

## FIX USE:

| USE TYPE | USE TITLE                      | FAC | PAT | AIRPORT IDENT | CITY         | STATE   |
|----------|--------------------------------|-----|-----|---------------|--------------|---------|
| DP       | LEEAH                          |     |     | MIV           | MILLVILLE    | NJ (US) |
| DP       | PHILADELPHIA                   |     |     | PHL           | PHILADELPHIA | PA (US) |
| EN ROUTE | V123                           |     |     |               |              | (US)    |
| EN ROUTE | V166                           |     |     |               |              | (US)    |
| EN ROUTE | V184                           |     |     |               |              | (US)    |
| EN ROUTE | V312                           |     |     |               |              | (US)    |
| EN ROUTE | V469                           |     |     |               |              | (US)    |
| IAP      | ILS OR LOC RWY 1               |     |     | ILG           | WILMINGTON   | DE (US) |
| IAP      | RNAV (GPS) RWY 1               |     |     | ILG           | WILMINGTON   | DE (US) |
| IAP      | RNAV (GPS) RWY 27              |     |     | ILG           | WILMINGTON   | DE (US) |
| IAP      | RNAV (GPS) RWY 9               |     | 2   | ILG           | WILMINGTON   | DE (US) |
| IAP      | VOR RWY 27                     |     |     | ILG           | WILMINGTON   | DE (US) |
| IAP      | RNAV (GPS)-B                   |     |     | 58M           | ELKTON       | MD (US) |
| IAP      | RNAV (GPS) RWY 5               |     |     | 19N           | BERLIN       | NJ (US) |
| IAP      | ILS OR LOC RWY 10              |     |     | MIV           | MILLVILLE    | NJ (US) |
| IAP      | RNAV (GPS) RWY 14              |     |     | MIV           | MILLVILLE    | NJ (US) |
| IAP      | RNAV (GPS) RWY 8               |     |     | VAY           | MOUNT HOLLY  | NJ (US) |
| IAP      | ILS OR LOC RWY 26              |     |     | PHL           | PHILADELPHIA | PA (US) |
| IAP      | ILS OR LOC RWY 27L             |     | 1   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | ILS OR LOC RWY 9L              |     | 1   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | ILS RWY 27L (SA CAT II)        |     | 1   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | ILS RWY 9L (SA CAT II)         |     | 1   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | ILS V RWY 17 (CONVERGING)      |     |     | PHL           | PHILADELPHIA | PA (US) |
| IAP      | ILS V RWY 9R (CONVERGING)      |     | 1   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | ILS Z OR LOC RWY 17 (ALT MISS) |     | 1   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | ILS Z OR LOC Z RWY 9R          |     | 1   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | ILS Z RWY 9R (CAT II AND III)  |     | 1   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | ILS Z RWY 9R (SA CAT I)        |     | 1   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | RNAV (GPS) Y RWY 9L            |     | 3   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | RNAV (GPS) Y RWY 9R            |     | 3   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | RNAV (RNP) Z RWY 9L            |     | 3   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | RNAV (RNP) Z RWY 9R            |     | 3   | PHL           | PHILADELPHIA | PA (US) |
| IAP      | RNAV (GPS) RWY 33              |     |     | PNE           | PHILADELPHIA | PA (US) |

REQUIRED CHARTING: DP, STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

QUALITY  
42  
CHECKED

RECORD REVISION NUMBER: 34

DATE OF REVISION: 10/29/2026

## REASON FOR REVISION:

1. FIX USE: REMOVED "ILS OR LOC RWY 27R" AT PHL.
2. FIX USE: REMOVED "ILS RWY 27R (SA CAT I AND II)" AT PHL.
3. FIX USE: REMOVED "VOR-B" AT 19N.
4. FIX USE: REMOVED "VOR-A" AT MIV.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LISA DUDZINSKI

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

*Digitally signed by***APRIL T SARMENTO**

Jul 07, 2026

QUALITY  
42  
CHECKED