

RADIO FIX AND HOLDING DATA RECORD

NAME: BEYEL STATE: RI COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 413823.00N/0712705.54W TYPE: WP, INT, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | FEET | MRA | MAA |
|-----|-----------------|-------|---------|-------|---------|----------|------|------------------|------|-----|------|
| 1 | NORTH KINGSTOWN | I-OQU | LOC/DME | | 340.00 | 325.00 | 3.68 | 3.67 | | 720 | 4500 |
| 2 | PROVIDENCE | PVD | VOR/DME | H | 204.99 | 190.99 | | 5.17 | | 720 | 4500 |

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

NORTH KINGSTOWN (FAC 1) AND PROVIDENCE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
I-OQU DME ANTENNA COORDINATES: 413520.11N/0712419.70W

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-------------------|------|-----|---------------|-----------------|---------|
| IAP | LOC RWY 16 | 1, 2 | | KOQU | NORTH KINGSTOWN | RI (US) |
| IAP | RNAV (GPS) RWY 16 | | | KOQU | NORTH KINGSTOWN | RI (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. LATITUDE/LONGITUDE: CHANGED FROM 13845.43N/0712726.49W TO 413823.00N/0712705.54W, MOVED 2772 FEET SE.
2. FIX MAKE-UP FACILITIES FAC 1: CHANGED DME FROM 4.14 TO 3.68 AND DIST FROM FAC CHANGED FROM 4.13 TO 3.67.
3. FIX MAKE-UP FACILITIES FAC 2: CHANGED DIST FROM FAC FROM 4.86 TO 5.17.
4. FIX USE: REMOVED IAP ILS OR LOC RWY 16 AT KOQU.
5. FIX USE: ADDED IAP LOC RWY 16 AT KOQU.
6. FIX MAKE-UP FACILITIES: FAC 1 AND 2: CHANGED MRA FROM 860 TO 720.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 NAME: RAYMOND JOHNSON

APPROVED BY: DATE: 12/18/2025 OFFICE: AJV-A422 NAME: RAKE MCGRAW

SIGNATURE: *Digitally signed by*
RAKE MCGRAW
Dec 12, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: FALAG

STATE: RI

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 414125.12N/0712955.81W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | FEET | MRA | MAA |
|-----|-----------------|-------|---------|-------|---------|----------|------|------------------|-------|------|------|
| 1 | NORTH KINGSTOWN | I-OQU | LOC/DME | | 340.00 | 325.00 | 7.39 | 7.38 | 44829 | 2000 | 4500 |
| 2 | PROVIDENCE | PVD | VOR/DME | H | 250.75 | 236.75 | | 3.72 | 22602 | 2000 | 4500 |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

NORTH KINGSTOWN (FAC 1) AND PROVIDENCE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
I-OQU DME ANTENNA COORDINATES: 413520.11N/0712419.70W

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-------------------|------|-----|---------------|-----------------|---------|
| IAP | LOC RWY 16 | 1, 2 | | KOQU | NORTH KINGSTOWN | RI (US) |
| IAP | RNAV (GPS) RWY 16 | | | KOQU | NORTH KINGSTOWN | RI (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. CHANGED LATITUDE/LONGITUDE FROM 414125.94N/0712956.59W TO 414125.12N/0712955.82W, MOVED 101 FEET SE.
2. FIX MAKE-UP FACILITIES: FAC 1 CHANGED DME FROM 7.41 TO 7.39, AND DIST FROM FAC NM/FEET CHANGED FROM 7.39/44930 TO 7.38/44829.
3. FIX USE: REMOVED IAP ILS OR LOC RWY 16 AT KOQU.
4. FIX USE: ADDED IAP LOC RWY 16 AT KOQU.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

Digitally signed by

RAKE MCGRAW

Dec 12, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: FALMA **STATE:** RI **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 412222.16N/0711016.25W **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 FEET | MRA | MAA |
|-----|------------------|-------|---------|-------|---------|----------|-------|--------------------------|------|-------|
| 1 | MARTHAS VINEYARD | MVY | VOR/DME | L | 282.00 | 267.00 | 25.26 | 25.26 | 2000 | 17500 |
| 2 | PROVIDENCE | PVD | VOR/DME | H | 165.00 | 151.00 | | 24.08 | 2000 | 17500 |

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME DME | HOLDING ALTITUDES MIN MAX | TEMPLATES MIN MAX |
|-----|-----|-------|---------|-------------|----------------|------------------|------------------------|------------------------------|----------------------|
| 1 | W | MVY | VOR/DME | 282.00 | 102.00 | R | 1 | 2000 10000 | 4 10 |
| 2 | W | | WP | 274.00 | 094.00 | R | 4 | 3000 10000 | 5 10 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 200 | SHIP | 412055.00N/0711409.00W | 260 | 2C |
| 2 | 200 | SHIP | 412055.00N/0711409.00W | 260 | 2C |

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

MARTHAS VINEYARD (FAC 1) AND PROVIDENCE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-------------------|------|-----|---------------|-----------------|---------|
| EN ROUTE | T255 | | | | | (US) |
| EN ROUTE | V374 | 1, 2 | 1 | | | (US) |
| EN ROUTE | V405 | 1, 2 | | | | (US) |
| IAP | RNAV (GPS) RWY 5 | | | KFMH | FALMOUTH | MA (US) |
| IAP | RNAV (GPS) RWY 32 | | | KEWB | NEW BEDFORD | MA (US) |
| IAP | RNAV (GPS) RWY 15 | | | KMVY | VINEYARD HAVEN | MA (US) |
| IAP | RNAV (GPS) RWY 6 | | | KMVY | VINEYARD HAVEN | MA (US) |
| IAP | RNAV (GPS) RWY 28 | | | KBID | BLOCK ISLAND | RI (US) |
| IAP | LOC RWY 16 | 1, 2 | 1 | KOQU | NORTH KINGSTOWN | RI (US) |
| IAP | RNAV (GPS) RWY 16 | | 2 | KOQU | NORTH KINGSTOWN | RI (US) |
| IAP | RNAV (GPS) RWY 34 | | | KOQU | NORTH KINGSTOWN | RI (US) |
| IAP | VOR-A | 1, 2 | 1 | KOQU | NORTH KINGSTOWN | RI (US) |

REQUIRED CHARTING: MILITARY IAP, IAP, AREA, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 01/22/2026

REASON FOR REVISION:

- FIX USE: REMOVED IAP ILS OR LOC RWY 16 AT KOQU.
- FIX USE: ADDED IAP LOC RWY 16 AT KOQU.
- CONTROLLING OBSTRUCTIONS PAT 1 AND 2: CHANGED OBSTRUCTION FROM 260 SHIP TO SHIP.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** RAYMOND JOHNSON
APPROVED BY: **DATE:** 12/18/2025 **OFFICE:** AJV-A422 **NAME:** RAKE MCGRAW

SIGNATURE: *Digitally signed by*
RAKE MCGRAW
 Dec 12, 2025



REASON FOR REVISION:

- 1. FIX USE: REMOVED IAP ILS OR LOC RWY 16 AT KOQU.
- 2. FIX USE: ADDED IAP LOC RWY 16 AT KOQU.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** RAYMOND JOHNSON

APPROVED BY: **DATE:** 12/18/2025 **OFFICE:** AJV-A423 **NAME:** RAKE MCGRAW

SIGNATURE: *Digitally signed by*
RAKE MCGRAW
Dec 12, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: MINNK **STATE:** RI **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 412140.67N/0712527.20W **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 | FEET | MRA | MAA |
|-----|-------------|-------|---------|-------|---------|----------|-------|---------------------|------|------|-------|
| 1 | NORWICH | ORW | VOR/DME | L | 128.08 | 114.08 | 28.46 | 28.46 | | 2000 | 17500 |
| 2 | GROTON | GON | VOR/DME | T | 100.06 | 086.06 | | 28.43 | | 3000 | 17500 |
| 3 | SANDY POINT | SEY | VOR/DME | VL | 045.54 | 030.54 | 13.51 | 13.50 | | 2000 | 17500 |

EXPANDED SERVICE VOLUME (ESV):

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|-----------|----------|----------------|----------|--------------|--------------|
| GON | VOR/DME | R-100 | 29 | 3000 | 17500 |

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME DME | HOLDING ALTITUDES MIN MAX | TEMPLATES MIN MAX |
|-----|-----|-------|---------|-------------|-------------|---------------|---------------------|---------------------------|-------------------|
| 1 | SW | SEY | VOR/DME | 045.54 | 045.54 | R | 1 | 2000 5000 | 4 6 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 200 | AAO | 412430.00N/0712848.00W | 302 | 4B |

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

NORWICH (FAC 1) AND SANDY POINT (FAC 3) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|------------------|------|-----|---------------|-----------------|---------|
| EN ROUTE | T300 | | | | | (US) |
| EN ROUTE | T358 | | | | | (US) |
| EN ROUTE | V268 | 1, 3 | 1 | | | (US) |
| EN ROUTE | V374 | 2, 3 | | | | (US) |
| IAP | LOC RWY 16 | 2, 3 | 1 | KOQU | NORTH KINGSTOWN | RI (US) |
| IAP | VOR-A | 2, 3 | 1 | KOQU | NORTH KINGSTOWN | RI (US) |
| IAP | RNAV (GPS) RWY 5 | | | KPVD | PROVIDENCE | RI (US) |
| STAR | DEEPO (RNAV) | | | ACK | NANTUCKET | MA (US) |
| STAR | JORDN TWO (RNAV) | | | KPVD | PROVIDENCE | RI (US) |

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 01/22/2026

REASON FOR REVISION:

- FIX MAKE-UP FACILITIES FAC 3: CHANGED DME FROM 13.50 TO 13.51.
- CONTROLLING OBSTRUCTIONS: CHANGED PAT 1 OBSTRUCTION FROM 200 AAO 412421.00N/0712812.00W 322 4E TO 200 AAO 412430.00N/0712848.00W 302 4B.
- FIX USE: REMOVED IAP ILS OR LOC RWY 16 AT KOQU AND ADDED LOC RWY 16 AT KOQU
- FIX USE: CHANGED IAP AT KOQU FROM VOR-A (ALT MA) TO VOR-A AND FAC CHANGED FROM 3 TO 2,3 AND ADDED PAT 1.
- FIX USE: ADDED IAP LOC RWY 16 AT KOQU.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** RAYMOND JOHNSON
APPROVED BY: **DATE:** 12/18/2025 **OFFICE:** AJV-A422 **NAME:** RAKE MCGRAW

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