**AIRWAY NO or ROUTE** 

Q439

**ROUTINE or DOCKET NO** 

24-ACE-4

STATE **FROM** FB/FO <u>TO</u> KALDA VA **ZJAAY**  **STATE** MD

FB/FO

**LEG TYPE** 

**OBSTRUCTION** 

<u>AC</u>

<u>ROC</u>

<u>RNP</u>

2.00

**COORDINATES** 

<u>MAA</u>

45000

**ELEV MSL** 

**CONT OBS** 

**ADJUSTMENTS** 

**MRA** 18000

<u>COP</u>

**MOCA** 

**PUB** 

<u>D/D/I</u> 18000 MEA (1)

**DIRECTION (1)** 

MEA (2)

**DIRECTION (2)** 

**GNSS MEA** 18000

**FIX MCA** 

**MTA** 

**SEGMENT REMARKS** 

NEW SEGMENT.

REQUIRED DME FACILITIES: HPW, ORF, RIC, SIE

**CHANGES-REASONS** 

ATC REQUEST - TO IMPROVE THE EFFICIENCY OF THE NATIONAL AIRSPACE SYSTEM AND REMOVE THE DEPENDENCY OF GROUND BASE NAVIGATION.

**FROM ZJAAY**  **STATE** MD

FB/FO TO FΒ

**FIX MRA** 

BYSEL

FB/FO FΒ

**RNP** 2.00 **LEG TYPE** TF

**OBSTRUCTION** 

**COORDINATES** 

**ELEV MSL** 

**CONT OBS** 

<u>AC</u>

ROC

**STATE** 

MD

**ADJUSTMENTS** 

MRA 18000 **MOCA** 

**PUB** 

MAA 45000

D/D/I 18000 MEA (1)

**DIRECTION (1)** 

MEA (2)

**DIRECTION (2)** 

**GNSS MEA** 

18000

<u>COP</u>

**FIX MRA** 

**FIX MCA** 

**MTA** 

**SEGMENT REMARKS** 

NEW SEGMENT.

REQUIRED DME FACILITIES: CSN, EMI, HPW, ORF, RIC, SIE

**CHANGES-REASONS** 

ATC REQUEST - TO IMPROVE THE EFFICIENCY OF THE NATIONAL AIRSPACE SYSTEM AND REMOVE THE DEPENDENCY OF GROUND BASE NAVIGATION.

AIRWAY NO or ROUTE

Q439

**ROUTINE or DOCKET NO** 

24-ACE-4

FROMSTATEFB/FOTOBYSELMDFBRADDS

**PUB** 

STATE DE FB/FO

LEG TYPE

MD FB RAD

. –

ı

<u>OBSTRUCTION</u>

**COORDINATES** 

**ELEV MSL** 

**CONT OBS** 

<u>AC</u>

<u>ROC</u>

**ADJUSTMENTS** 

<u>RNP</u>

2.00

MRA 18000 **MOCA** 

<u>MAA</u> 45000 <u>D/D/I</u> 18000 MEA (1) DIRECTION (1)

MEA (2) DIRECTION (2)

GNSS MEA

18000

<u>COP</u>

FIX MRA

FIX MCA

<u>MTA</u>

**SEGMENT REMARKS** 

NEW SEGMENT.

REQUIRED DME FACILITIES: CSN, CYN, EMI, ORF, RBV, SIE

**CHANGES-REASONS** 

ATC REQUEST - TO IMPROVE THE EFFICIENCY OF THE NATIONAL AIRSPACE SYSTEM AND REMOVE THE DEPENDENCY OF GROUND BASE NAVIGATION.

FROM RADDS STATE DE FB/FO T

TO

SHHAY

DE

**STATE** 

FB/FO FB

<u>RNP</u> 2.00 LEG TYPE TF

**OBSTRUCTION** 

COORDINATES

**ELEV MSL** 

**CONT OBS** 

AC

ROC

**ADJUSTMENTS** 

MOCA

PUB

<u>MAA</u> 45000 <u>D/D/I</u> 18000 MEA (1)

**DIRECTION (1)** 

MEA (2)

**DIRECTION (2)** 

**GNSS MEA** 

18000

COP

MRA

18000

FIX MRA

**FIX MCA** 

MTA

**SEGMENT REMARKS** 

NEW SEGMENT.

REQUIRED DME FACILITIES: CSN, CYN, EMI, RBV, SIE

**CHANGES-REASONS** 

ATC REQUEST - TO IMPROVE THE EFFICIENCY OF THE NATIONAL AIRSPACE SYSTEM AND REMOVE THE DEPENDENCY OF GROUND BASE NAVIGATION.

**AIRWAY NO or ROUTE** 

Q439

**ROUTINE or DOCKET NO** 

24-ACE-4

**FROM** STATE FB/FO <u>TO</u> SHHAY

DE **BRIGS**  **STATE** NJ

FB/FO

**LEG TYPE** 

**OBSTRUCTION** 

**COORDINATES** 

<u>MAA</u>

45000

**ELEV MSL** 

**CONT OBS** 

<u>AC</u>

**ADJUSTMENTS** 

<u>RNP</u>

2.00

**MRA** 18000 **MOCA** 

**PUB** 

<u>D/D/I</u> 18000 MEA (1) **DIRECTION (1)**  MEA (2)

**DIRECTION (2)** 

<u>ROC</u>

**GNSS MEA** 

18000

<u>COP</u>

**FIX MRA** 

**FIX MCA** 

**MTA** 

**SEGMENT REMARKS** 

NEW SEGMENT.

REQUIRED DME FACILITIES: CSN, CYN, EMI, JFK, RBV, SAX, SIE

**CHANGES-REASONS** 

ATC REQUEST - TO IMPROVE THE EFFICIENCY OF THE NATIONAL AIRSPACE SYSTEM AND REMOVE THE DEPENDENCY OF GROUND BASE NAVIGATION.

**FROM BRIGS**  **STATE** NJ

FB/FO FΒ

TO

**MANTA** 

FΒ

FB/FO

**RNP** 2.00 **LEG TYPE** TF

**OBSTRUCTION COORDINATES**  **ELEV MSL** 

**CONT OBS** 

<u>AC</u>

ROC

**ADJUSTMENTS** 

MRA 18000 MOCA

**PUB** 

MAA 45000

D/D/I 18000 MEA (1)

**DIRECTION (1)** 

MEA (2)

**DIRECTION (2)** 

**STATE** 

NJ

**GNSS MEA** 

18000

<u>COP</u>

**FIX MRA** 

**FIX MCA** 

**MTA** 

**SEGMENT REMARKS** 

COMBINED SEGMENTS BRIGS-DRIFT-MANTA.

REQUIRED DME FACILITIES: CCC, CYN, HTO, JFK, RBV, SAX, SIE

COMBINED SEGMENTS ADDED NEW SEGMENT FIX HARBO BETWEEN BRIGGS AND DRIFT.

**CHANGES-REASONS** 

ATC REQUEST - TO IMPROVE THE EFFICIENCY OF THE NATIONAL AIRSPACE SYSTEM AND REMOVE THE DEPENDENCY OF GROUND BASE NAVIGATION. COMBINED SEGMENTS LESS THAN 1 DEGREE TURN ANGLE.

SEGMENT REMARKS: COMBINED SEGMENTS AUTO GENERATED - NEW SEGMENT FIX HARBO NOT AUTO POPULATED, FIX NOT PREVIOUSLY ESTABLISHED.

**AIRWAY NO or ROUTE** 

Q439

**ROUTINE or DOCKET NO** 

24-ACE-4

FROM
MANTA
STATE FB/FO TO
NJ FB SARDI

STATE FB/FO RNP LEG TYPE
NY FB 2.00 TF

<u>OBSTRUCTION</u> <u>COORDINATES</u> <u>ELEV MSL</u> <u>CONT OBS</u> <u>AC</u> <u>ROC</u> <u>ADJUSTMENTS</u>

 MRA
 MOCA
 PUB
 MAA 45000
 D/D/I 18000
 MEA (1)
 DIRECTION (1)
 MEA (2)
 DIRECTION (2)
 GNSS MEA 18000

<u>COP</u> <u>FIX MRA</u> <u>FIX MCA</u> <u>MTA</u>

**SEGMENT REMARKS** 

COMBINED SEGMENTS MANTA-PLUME-SHERL-DUNEE-SARDI.
REQUIRED DME FACILITIES: CCC, CYN, HTO, HUO, JFK, PUT, PVD, RBV, SAX, SIE

**CHANGES-REASONS** 

COMBINED SEGMENTS LESS THAN 1 DEGREE TURN ANGLE.
UPDATED REQUIRED DME FACILITIES - NEW DME DME ASSESSMENT.

 FROM
 STATE
 FB/FO
 TO
 STATE
 FB/FO
 RNP
 LEG TYPE

 SARDI
 NY
 FB
 RIFLE
 NY
 FB
 2.00
 TF

<u>OBSTRUCTION</u> <u>COORDINATES</u> <u>ELEV MSL</u> <u>CONT OBS</u> <u>AC</u> <u>ROC</u> <u>ADJUSTMENTS</u>

 MRA
 MOCA
 PUB
 MAA 45000
 D/D/I 18000
 MEA (1)
 DIRECTION (1)
 MEA (2)
 DIRECTION (2)
 GNSS MEA 18000

<u>COP</u> <u>FIX MRA</u> <u>FIX MCA</u> <u>MTA</u>

**SEGMENT REMARKS** 

REQUIRED DME FACILITIES: BOS, CCC, CYN, HTO, JFK, PUT, PVD, RBV, SAX

**CHANGES-REASONS** 

ATC REQUEST - TO IMPROVE THE EFFICIENCY OF THE NATIONAL AIRSPACE SYSTEM AND REMOVE THE DEPENDENCY OF GROUND BASE NAVIGATION. UPDATED REQUIRED DME FACILITIES - NEW DME DME ASSESSMENT.

**AIRWAY NO or ROUTE** 

Q439

**ROUTINE or DOCKET NO** 

24-ACE-4

**FROM** STATE FB/FO TO **STATE** FB/FO **RIFLE** NY **FOXWD** FB

**OBSTRUCTION COORDINATES ELEV MSL** CONT OBS <u>AC</u> ROC **ADJUSTMENTS** 

**MRA** MOCA **PUB** <u>MAA</u> <u>D/D/I</u> **MEA (1) DIRECTION (1)** MEA (2) **DIRECTION (2) GNSS MEA** 18000 18000 45000 18000

COP **FIX MRA FIX MCA MTA** 

**SEGMENT REMARKS** 

REQUIRED DME FACILITIES: ACK, BOS, CCC, EEN, ENE, HTO, JFK, LFV, PUT, PVD, RBV, SAX

COMBINED SEGMENTS: RIFLE-AVCAT-FOXWD

COMBINED SEGMENTS ADDED NEW SEGMENT FIX AVCAT BETWEEN RIFLE AND FOXWD.

**CHANGES-REASONS** 

ATC REQUEST - TO IMPROVE THE EFFICIENCY OF THE NATIONAL AIRSPACE SYSTEM AND REMOVE THE DEPENDENCY OF GROUND BASE NAVIGATION.

COMBINED SEGMENTS LESS THAN 1 DEGREE TURN ANGLE.

SEGMENT REMARKS: COMBINED SEGMENTS AUTO GENERATED - NEW SEGMENT FIX AVCAT NOT AUTO POPULATED, FIX NOT PREVIOUSLY ESTABLISHED.

UPDATED REQUIRED DME FACILITIES - NEW DME DME ASSESSMENT.

FROM STATE FB/FO <u>TO</u> **STATE** FB/FO <u>RNP</u> **LEG TYPE FOXWD** CT FΒ **BOGRT** MA FΒ 2.00 TF

**OBSTRUCTION COORDINATES ELEV MSL CONT OBS ROC** <u>AC</u> **ADJUSTMENTS** 

MRA **MOCA** PUB <u>MAA</u> <u>D/D/I</u> **MEA (1) DIRECTION (1)** MEA (2) **DIRECTION (2) GNSS MEA** 18000 45000 18000 18000

**COP FIX MRA FIX MCA MTA** 

SEGMENT REMARKS

REQUIRED DME FACILITIES: ACK, BOS, CCC, EEN, ENE, HTO, LFV, MPV, PUT, PVD

**CHANGES-REASONS** 

ATC REQUEST - TO IMPROVE THE EFFICIENCY OF THE NATIONAL AIRSPACE SYSTEM AND REMOVE THE DEPENDENCY OF GROUND BASE NAVIGATION.

UPDATED REQUIRED DME FACILITIES - NEW DME DME ASSESSMENT.

RNP

2.00

**LEG TYPE** 

**AIRWAY NO or ROUTE** 

Q439

**ROUTINE or DOCKET NO** 

24-ACE-4

**FROM** STATE FB/FO <u>TO</u> **BOGRT** MA **BLENO**  **STATE** FB/FO <u>RNP</u> **LEG TYPE** NH 2.00

**COORDINATES CONT OBS OBSTRUCTION ELEV MSL** <u>AC</u> <u>ROC</u> **ADJUSTMENTS** 

**MRA** MOCA **PUB** <u>MAA</u> <u>D/D/I</u> **MEA (1) DIRECTION (1)** MEA (2) **DIRECTION (2) GNSS MEA** 18000 45000 18000 18000

**FIX MRA FIX MCA MTA** 

<u>COP</u>

**SEGMENT REMARKS** 

REQUIRED DME FACILITIES: ACK, AUG, BOS, CCC, EEN, ENE, HTO, LFV, MPV, PUT, PVD

**CHANGES-REASONS** 

ATC REQUEST - TO IMPROVE THE EFFICIENCY OF THE NATIONAL AIRSPACE SYSTEM AND REMOVE THE DEPENDENCY OF GROUND BASE NAVIGATION. UPDATED REQUIRED DME FACILITIES - NEW DME DME ASSESSMENT.

**FROM STATE** FB/FO <u>TO</u> **STATE** FB/FO **RNP LEG TYPE FRIAR BLENO** NH FΒ ME FΒ 2.00 TF

**OBSTRUCTION COORDINATES ELEV MSL CONT OBS ADJUSTMENTS** <u>AC</u> ROC

PUB **DIRECTION (1) DIRECTION (2) GNSS MEA** MRA MOCA MAA D/D/I MEA (1) MEA (2) 18000 45000 18000 18000

<u>COP</u> **FIX MRA FIX MCA MTA** 

**SEGMENT REMARKS** 

COMBINED SEGMENTS BLENO-BEEKN-FRIAR.

REQUIRED DME FACILITIES: AUG, BGR, BML, BOS, EEN, ENE, LFV, MLT, MPV, PUT, PVD

**CHANGES-REASONS** 

ATC REQUEST - TO IMPROVE THE EFFICIENCY OF THE NATIONAL AIRSPACE SYSTEM AND REMOVE THE DEPENDENCY OF GROUND BASE NAVIGATION. COMBINED SEGMENTS LESS THAN 1 DEGREE TURN ANGLE.

UPDATED REQUIRED DME FACILITIES - NEW DME DME ASSESSMENT.

### AIRWAY NO or ROUTE Q439

### **ROUTINE or DOCKET NO**

24-ACE-4

Digitally signed by

**FLIGHT CHECK OFFICE** ALLAN WILL **NAME DATE** 

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION.

**APPROVED** 

**DATE** 05/08/2025 **OFFICE** AJV-A423

**TITLE** MANAGER **NAME** ALLAN WILL

Digitally signed by

**ALLAN WILL** 

Jan 27, 2025