

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TRANSMITTAL OF AIRWAYS/ROUTES DATA RECORD

AIRWAY NO or ROUTE

Q439

ROUTINE or DOCKET NO

24-ACE-4

<u>FROM</u>	<u>STATE</u>	<u>FB/FO</u>	<u>TO</u>	<u>STATE</u>	<u>FB/FO</u>	<u>RNP</u>	<u>LEG TYPE</u>
KALDA	VA	FB	ZJAAY	MD	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>
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<u>MRA</u>	<u>MOCA</u>	<u>PUB</u>	<u>MAA</u>	<u>D/D/I</u>	<u>MEA (1)</u>	<u>DIRECTION (1)</u>	<u>MEA (2)</u>	<u>DIRECTION (2)</u>	<u>GNSS MEA</u>
18000			45000	18000					18000

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

<u>FROM</u>	<u>STATE</u>	<u>FB/FO</u>	<u>TO</u>	<u>STATE</u>	<u>FB/FO</u>	<u>RNP</u>	<u>LEG TYPE</u>
ZJAAY	MD	FB	BYSEL	MD	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>
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<u>MRA</u>	<u>MOCA</u>	<u>PUB</u>	<u>MAA</u>	<u>D/D/I</u>	<u>MEA (1)</u>	<u>DIRECTION (1)</u>	<u>MEA (2)</u>	<u>DIRECTION (2)</u>	<u>GNSS MEA</u>
18000			45000	18000					18000

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

QUALITY
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BYSEL	MD	FB	RADD5	DE	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>
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<u>MRA</u>	<u>MOCA</u>	<u>PUB</u>	<u>MAA</u>	<u>D/D/I</u>	<u>MEA (1)</u>	<u>DIRECTION (1)</u>	<u>MEA (2)</u>	<u>DIRECTION (2)</u>	<u>GNSS MEA</u>
18000			45000	18000					18000

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

<u>FROM</u>	<u>STATE</u>	<u>FB/FO</u>	<u>TO</u>	<u>STATE</u>	<u>FB/FO</u>	<u>RNP</u>	<u>LEG TYPE</u>
RADD5	DE	FB	SHHAY	DE	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>
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<u>MRA</u>	<u>MOCA</u>	<u>PUB</u>	<u>MAA</u>	<u>D/D/I</u>	<u>MEA (1)</u>	<u>DIRECTION (1)</u>	<u>MEA (2)</u>	<u>DIRECTION (2)</u>	<u>GNSS MEA</u>
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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.

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SHHAY	DE	FB	BRIGS	NJ	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>
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<u>MRA</u>	<u>MOCA</u>	<u>PUB</u>	<u>MAA</u>	<u>D/D/I</u>	<u>MEA (1)</u>	<u>DIRECTION (1)</u>	<u>MEA (2)</u>	<u>DIRECTION (2)</u>	<u>GNSS MEA</u>
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<u>COP</u>	<u>FIX MRA</u>	<u>FIX MCA</u>	<u>MTA</u>
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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.

<u>FROM</u>	<u>STATE</u>	<u>FB/FO</u>	<u>TO</u>	<u>STATE</u>	<u>FB/FO</u>	<u>RNP</u>	<u>LEG TYPE</u>
BRIGS	NJ	FB	MANTA	NJ	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>
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<u>MRA</u>	<u>MOCA</u>	<u>PUB</u>	<u>MAA</u>	<u>D/D/I</u>	<u>MEA (1)</u>	<u>DIRECTION (1)</u>	<u>MEA (2)</u>	<u>DIRECTION (2)</u>	<u>GNSS MEA</u>
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<u>COP</u>	<u>FIX MRA</u>	<u>FIX MCA</u>	<u>MTA</u>
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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.

QUALITY
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MANTA	NJ	FB	SARDI	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>
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<u>MRA</u>	<u>MOCA</u>	<u>PUB</u>	<u>MAA</u>	<u>D/D/I</u>	<u>MEA (1)</u>	<u>DIRECTION (1)</u>	<u>MEA (2)</u>	<u>DIRECTION (2)</u>	<u>GNSS MEA</u>
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<u>COP</u>	<u>FIX MRA</u>	<u>FIX MCA</u>	<u>MTA</u>
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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.

<u>FROM</u>	<u>STATE</u>	<u>FB/FO</u>	<u>TO</u>	<u>STATE</u>	<u>FB/FO</u>	<u>RNP</u>	<u>LEG TYPE</u>
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>
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<u>MRA</u>	<u>MOCA</u>	<u>PUB</u>	<u>MAA</u>	<u>D/D/I</u>	<u>MEA (1)</u>	<u>DIRECTION (1)</u>	<u>MEA (2)</u>	<u>DIRECTION (2)</u>	<u>GNSS MEA</u>
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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.

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RIFLE	NY	FB	FOXWD	CT	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>
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<u>MRA</u>	<u>MOCA</u>	<u>PUB</u>	<u>MAA</u>	<u>D/D/I</u>	<u>MEA (1)</u>	<u>DIRECTION (1)</u>	<u>MEA (2)</u>	<u>DIRECTION (2)</u>	<u>GNSS MEA</u>
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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

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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.

<u>FROM</u>	<u>STATE</u>	<u>FB/FO</u>	<u>TO</u>	<u>STATE</u>	<u>FB/FO</u>	<u>RNP</u>	<u>LEG TYPE</u>
FOXWD	CT	FB	BOGRT	MA	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>
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<u>MRA</u>	<u>MOCA</u>	<u>PUB</u>	<u>MAA</u>	<u>D/D/I</u>	<u>MEA (1)</u>	<u>DIRECTION (1)</u>	<u>MEA (2)</u>	<u>DIRECTION (2)</u>	<u>GNSS MEA</u>
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<u>COP</u>	<u>FIX MRA</u>	<u>FIX MCA</u>	<u>MTA</u>
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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.
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BOGRT	MA	FB	BLENO	NH	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>
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<u>MRA</u>	<u>MOCA</u>	<u>PUB</u>	<u>MAA</u>	<u>D/D/I</u>	<u>MEA (1)</u>	<u>DIRECTION (1)</u>	<u>MEA (2)</u>	<u>DIRECTION (2)</u>	<u>GNSS MEA</u>
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<u>COP</u>	<u>FIX MRA</u>	<u>FIX MCA</u>	<u>MTA</u>
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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.

<u>FROM</u>	<u>STATE</u>	<u>FB/FO</u>	<u>TO</u>	<u>STATE</u>	<u>FB/FO</u>	<u>RNP</u>	<u>LEG TYPE</u>
BLENO	NH	FB	FRIAR	ME	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>
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<u>MRA</u>	<u>MOCA</u>	<u>PUB</u>	<u>MAA</u>	<u>D/D/I</u>	<u>MEA (1)</u>	<u>DIRECTION (1)</u>	<u>MEA (2)</u>	<u>DIRECTION (2)</u>	<u>GNSS MEA</u>
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SEGMENT REMARKS

COMBINED SEGMENTS BLENO-BEEKN-FRIAR.

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

CHANGES-REASONS

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

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FLIGHT CHECK

DATE

OFFICE

NAME

Digitally signed by

ALLAN WILL

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

Jan 27, 2025

APPROVED

DATE

05/08/2025

OFFICE

AJV-A423

TITLE

MANAGER

NAME

ALLAN WILL

Digitally signed by

ALLAN WILL

Jan 27, 2025