

RADIO FIX AND HOLDING DATA RECORD

NAME: DEELE

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 433506.52N/0945421.67W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 32

FAC

PAT

AIRPORT IDENT
KMJQ

CITY
JACKSON

STATE
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 01/25/2024

REASON FOR REVISION:

MOVED FIX LAT/LONG 576 FT NORTH FROM 433500.99N/0945419.88W TO 433506.5196N/0945421.6736W.

REMOVED REMARK 8260.54A 2-16 PFAF FORMULA APPLIED.

UPDATED FIX USE FROM RNAV (GPS) RWY 31 TO RNAV (GPS) RWY 32.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: FETGI STATE: MN COUNTRY: US ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 434739.10N/0950943.76W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NW		WP	314.27	134.27	R	4	3100	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (27-021053)	434245.23N/0950740.99W	1922	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 14		1	KMJQ	JACKSON	MN (US)
IAP	RNAV (GPS) RWY 32		1	KMJQ	JACKSON	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 DATE OF REVISION: 01/25/2024

REASON FOR REVISION:

MOVED FIX LAT/LONG 205 FT EAST FROM 434738.67N/0950946.48W TO 434739.10N/0950943.76W.
UPDATED HOLDING PAT 1 INBOUND COURSE FROM 134.32 TO 134.27.
UPDATED KMJQ FIX USE FROM RNAV (GPS) RWY 13 TO RNAV (GPS) RWY 14 AND RNAV (GPS) RWY 31 TO RNAV (GPS) RWY 32.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A433	NAME: GUY COPELAND
APPROVED BY:	DATE: 01/25/2024	OFFICE: AJV-A430	NAME: JOHNNIE BAKER
SIGNATURE:			

RADIO FIX AND HOLDING DATA RECORD

NAME: GRUVE

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 432116.91N/0945133.12W

TYPE: WP, 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	FAC FEET	MRA	MAA
1	MASON CITY	MCW	VOR/DME	VH	277.61	283.61	68.88	68.88		6800	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MCW	VOR/DME	R-278	69	6800	15800

FIX RESTRICTIONS:

MRA V120 8000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP EN ROUTE	COPTER RNAV (GPS) 285 V120	1		1IA3	SPENCER	IA (US) (US)

REQUIRED CHARTING: EN ROUTE LOW, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 01/25/2024

REASON FOR REVISION:

REMOVED RNAV (GPS) RWY 31 AT KMJQ FROM FIX USE.
REMOVED REMARK MASON CITY (FAC 1) USED TO ESTABLISH FIX COORDINATES.
REMOVED IAP FROM REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MCQIN

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 433036.00N/0944852.41W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SE		WP	134.51	314.51	R	4	3100	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (19-000263)	432546.00N/0944924.00W	1705	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 14		1	KMJQ	JACKSON	MN (US)
IAP	RNAV (GPS) RWY 32		1	KMJQ	JACKSON	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 01/25/2024

REASON FOR REVISION:

MOVED LAT/LONG .2 NM NORTH FROM 433025.33N/0944844.97W TO 433036.00N/0944852.41W.
CHANGED HOLDING PAT 1 INBOUND COURSE FROM 314.56 TO 314.51, DME FROM 5 TO 4, MIN ALT FROM 4200 TO 3100, AND MIN TEMPLATE FROM 6 TO 5.
UPDATED FIX USE FROM RNAV (GPS) RWY 13 TO RNAV (GPS) RWY 14 AND RNAV (GPS) RWY 31 TO RNAV (GPS) RWY 32.
REMOVED PAT 1 310 AISPSPEED CONTROLLING OBS TOWER (19-052561) 1844 - CLIMB IN HOLD REMOVED FROM ASSOCIATED PROCEDURE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WIPLY

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 433553.75N/0944037.60W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 32

FAC

PAT

AIRPORT IDENT
KMJQ

CITY
JACKSON

STATE
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 01/25/2024

REASON FOR REVISION:

MOVED LAT/LONG .37 NM NORTHWEST FROM 433535.05N/0944020.51W TO 433553.75N/0944037.60W.

UPDATED FIX USE FROM RNAV (GPS) RWY 31 TO RNAV (GPS) RWY 32.

REMOVED REMARK FIX NAME RETAINED FOR ATC OPERATIONAL NECESSITY.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 01/25/2024

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE: