

RADIO FIX AND HOLDING DATA RECORD

NAME: DALEY

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 425418.10N/0894718.24W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	MADISON	MSN	VORTAC	L	231.08	234.08	24.43	24.43		3600	17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V341	1				WI (US)
IAP	RNAV (GPS) RWY 27			KLNR	LONE ROCK	WI (US)
IAP	RNAV (GPS) RWY 9			KLNR	LONE ROCK	WI (US)
IAP	RNAV (GPS) RWY 10			C29	MIDDLETON	WI (US)
IAP	RNAV (GPS) RWY 12			KEFT	MONROE	WI (US)
IAP	RNAV (GPS) RWY 25			KPVB	PLATTEVILLE	WI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

REMOVED INT FROM FIX TYPE.
DELETED FAC 1 (LNR VOR/DME) AND MOVED FAC 2 (MSN VORTAC) TO FAC 1.
RAISED FAC 1 (MSN) MIN ALT FROM 2800 TO 3600.
ADDED DME VALUE TO FAC 1 (MSN).
REMOVED V24-171 FROM FIX USE.
REMOVED FAC 1 FROM LNR RNAV (GPS) RWY 27.
DELETED UNPLANNED HOLDING, REMARKS, AND HOLDING RESTRICTIONS.
ADDED CONTROLLER LOW TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: KELLY DEAN

APPROVED BY:

DATE: 10/07/2019

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MSN APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: DUBUQUE VORTAC **STATE:** IA **COUNTRY:** US **ICAO REGION CODE:** K3

LATITUDE/LONGITUDE: 422405.29N/0904232.68W **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	DUBUQUE	DBQ	VORTAC	H							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	W	DBQ	VORTAC	272.00	092.00	L	1 1/2		18000	40000	16	27

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: E4/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DES MOINES			KDSM	DES MOINES	IA (US)
DP	PAL-WAUKEE			KPWK	CHICAGO/PROSPECT HGTS/WHEELING	IL (US)
EN ROUTE	J100					(US)
EN ROUTE	J128					(US)
EN ROUTE	J144					(US)
EN ROUTE	J82					(US)
EN ROUTE	J84					(US)
EN ROUTE	J94					(US)
EN ROUTE	V100					(US)
EN ROUTE	V129					(US)
EN ROUTE	V158					(US)
EN ROUTE	V246					(US)
EN ROUTE	V341					(US)
IAP	ILS OR LOC RWY 15			KDVN	DAVENPORT	IA (US)
IAP	ILS OR LOC RWY 36			KDBQ	DUBUQUE	IA (US)
IAP	LOC RWY 31			KDBQ	DUBUQUE	IA (US)
IAP	RNAV (GPS) RWY 13			KDBQ	DUBUQUE	IA (US)
IAP	RNAV (GPS) RWY 18			KDBQ	DUBUQUE	IA (US)
IAP	RNAV (GPS) RWY 31			KDBQ	DUBUQUE	IA (US)
IAP	RNAV (GPS) RWY 36			KDBQ	DUBUQUE	IA (US)
IAP	VOR RWY 13			KDBQ	DUBUQUE	IA (US)
IAP	VOR RWY 31			KDBQ	DUBUQUE	IA (US)
IAP	VOR RWY 36			KDBQ	DUBUQUE	IA (US)
IAP	RNAV (GPS) RWY 33			KPVB	PLATTEVILLE	WI (US)
IAP	RNAV (GPS) RWY 7			KPVB	PLATTEVILLE	WI (US)
STAR	JANESVILLE		1	KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

DELETED MITCHELL DP AT KMKE FROM FIX USE.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** KELLY DEAN

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** LONNIE EVERHART

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN

ARTCC: ZAU
ATC FACILITY:
OTHER: ZMP

RADIO FIX AND HOLDING DATA RECORD

NAME: MADISON VORTAC **STATE:** WI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 430841.41N/0892022.91W **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	MADISON	MSN	VORTAC	L						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	N	MSN	VORTAC	355.00	175.00	R	1	2500 17500	4 16
2	NW	MSN	VORTAC	317.00	137.00	R	1	2700 17500	4 16
3	SE	MSN	VORTAC	131.00	311.00	R	1	2600 17500	4 16
4	N		WP	347.00	167.00	R		9000 33000	15 25

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	431400.00N/0892633.00W	1293	4E
2	200	AAO	431454.00N/0893039.00W	1368	4E
3	200	TOWER (55-000509)	431010.17N/0891538.25W	1354	1A
4	230	TOWER (55-000756)	430320.54N/0893206.33W	2549	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAGVAR: 3E/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T348					(US)
EN ROUTE	V228					(US)
EN ROUTE	V341					(US)
EN ROUTE	V9					(US)
IAP	LOC RWY 1		1	KDLL	BARABOO	WI (US)
IAP	RNAV (GPS) RWY 19			KDLL	BARABOO	WI (US)
IAP	LOC RWY 26			KUNU	JUNEAU	WI (US)
IAP	RNAV (GPS) RWY 27			KLNR	LONE ROCK	WI (US)
IAP	VOR OR GPS-A			87Y	MADISON	WI (US)
IAP	HI-TACAN RWY 18			KMSN	MADISON	WI (US)
IAP	HI-TACAN RWY 36			KMSN	MADISON	WI (US)
IAP	ILS OR LOC RWY 18			KMSN	MADISON	WI (US)
IAP	ILS OR LOC RWY 21			KMSN	MADISON	WI (US)
IAP	ILS OR LOC/DME RWY 36			KMSN	MADISON	WI (US)
IAP	ILS RWY 18 (SA CAT I - II)			KMSN	MADISON	WI (US)
IAP	ILS RWY 36 (CAT II - III)			KMSN	MADISON	WI (US)
IAP	ILS RWY 36 (SA CAT I)			KMSN	MADISON	WI (US)
IAP	RNAV (GPS) RWY 14			KMSN	MADISON	WI (US)
IAP	RNAV (GPS) RWY 32			KMSN	MADISON	WI (US)
IAP	VOR RWY 14		2	KMSN	MADISON	WI (US)
IAP	VOR RWY 32		3	KMSN	MADISON	WI (US)
IAP	LOC/DME RWY 10			C29	MIDDLETON	WI (US)
IAP	RNAV (GPS) RWY 10			C29	MIDDLETON	WI (US)
IAP	RNAV (GPS) RWY 28			C29	MIDDLETON	WI (US)
IAP	RNAV (GPS) RWY 18			91C	PRAIRIE DU SAC	WI (US)
IAP	RNAV (GPS) RWY 36			91C	PRAIRIE DU SAC	WI (US)
IAP	RNAV (GPS) RWY 11			KRYV	WATERTOWN	WI (US)
IAP	RNAV (GPS) RWY 23			KRYV	WATERTOWN	WI (US)
IAP	RNAV (GPS) RWY 5			KRYV	WATERTOWN	WI (US)
STAR	FYTTT (RNAV)		4	KORD	CHICAGO	IL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 26

DATE OF REVISION: 10/07/2021

REASON FOR REVISION:

DELETED MITCHELL DP AT KMKE FROM FIX USE.
DELETED DP FROM REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: KELLY DEAN**APPROVED BY:****DATE:****OFFICE:** AJV-A430**NAME:** LONNIE EVERHART**SIGNATURE:****DISTRIBUTION:****NFDC****FPO:** CEN**ARTCC:** ZAU**ATC FACILITY:** MSN APP CON, MSN TOWER**OTHER:**

RADIO FIX AND HOLDING DATA RECORD

NAME: THEBO

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 425802.89N/0894019.94W

TYPE: DME

AIRSPACE DOCKET: 19-AGL-1

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	MADISON	MSN	VORTAC	L	231.08	234.08	18.09	18.09		2800	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V341	1		KMSN	MADISON	WI (US)
IAP	RNAV (GPS) RWY 36					WI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 11/05/2020

REASON FOR REVISION:

TYPE: REMOVED INT.

AIRSPACE DOCKET: ADDED 19-AGL-1.

FIX MAKE-UP FACILITIES: REMOVED FAC 1 (LNR). ADDED FAC 2 (MSN) DME 18.09 NM - FIX IS A DME FIX ON V341.

REMARKS: REMOVED PREVIOUS REMARKS.

FIX USE: REMOVED V97.

REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZAU

ATC FACILITY: MSN APP CON

OTHER: