

RADIO FIX AND HOLDING DATA RECORD

NAME: HAWKN **STATE:** WI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 431800.15N/0881623.44W **TYPE:** WP, RADAR, 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	MRA	MAA
1	BADGER	BAE	VOR/DME	H	000.55	002.55	11.00	11.00	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	N		WP	003.55	183.55	R		4	3000	6000	5	13
2	N		WP	004.55	184.55	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (55-000858)	432424.68N/0881834.04W	1595	4D
1	310	WINDMILL (55-020170)	432419.41N/0882918.08W	1616	5D
2	200	TOWER (55-000858)	432424.68N/0881834.04W	1595	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 9	KHXF	HARTFORD	WI (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MITCHELL			MKE	MILWAUKEE	WI (US)
EN ROUTE	V217	1				(US)
IAP	RNAV (GPS) RWY 9		1	HXF	HARTFORD	WI (US)
IAP	RNAV (GPS) RWY 15L		2	MWC	MILWAUKEE	WI (US)
IAP	RNAV (GPS) RWY 22R		2	MWC	MILWAUKEE	WI (US)
IAP	RNAV (GPS) RWY 4L		2	MWC	MILWAUKEE	WI (US)
IAP	RNAV (GPS) RWY 10		1	UES	WAUKESHA	WI (US)
IAP	RNAV (GPS) RWY 28		1	UES	WAUKESHA	WI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 05/14/2026

REASON FOR REVISION:

CONTROLLING OBSTRUCTIONS: PAT 1 AND 2 ELEVATION CHANGED FROM 1590 TO 1595 AND ACCURACY CODE FROM 5D TO 4D.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** RALPH MILLER

APPROVED BY: **DATE:** 04/09/2026 **OFFICE:** AJV-A422 **NAME:** RAKE MCGRAW

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HAXEP **STATE:** WI **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 432357.46N/0881052.46W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 15L			KMWC	MILWAUKEE	WI (US)
IAP	RNAV (GPS) RWY 6			KETB	WEST BEND	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 04/08/2010

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 09/08/2009	OFFICE: AVN-120	NAME: DONALD LANIER
APPROVED BY:	DATE: 02/04/2010	OFFICE: AVN-120	NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MKE APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: IZAHO STATE: WI COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 431714.28N/0881158.68W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

HOLDING: HOLDING TYPE OF ACTION: ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NW		WP	327.46	147.46	R	4	2800	6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (55-000858)	432424.00N/0881832.00W	1590	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION ACCOMPLISHED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 15L		1	KMWC	MILWAUKEE	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 07/28/2011

INITIATED BY: DATE: ORGANIZATION: NAME:

DEVELOPED BY: DATE: 10/07/2010 OFFICE: AVN-120 NAME: JOSE ALFONSO (ALLAN WILL)

APPROVED BY: DATE: 07/20/2011 OFFICE: AVN-120 NAME: GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: JEDEM STATE: WI COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 431931.59N/0882054.88W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

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	SW		WP	239.77	059.77	R	4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	431847.00N/0881837.00W	1539	2C

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 15L			KMWC	MILWAUKEE	WI (US)
IAP	RNAV (GPS) RWY 06			KETB	WEST BEND	WI (US)
IAP	RNAV (GPS) RWY 24		1	KETB	WEST BEND	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 07/28/2011

REASON FOR REVISION:

UPDATE CONTROLLING OBSTRUCTION PAT 1.
UPDATE FIX USE (ADD KMWC).

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 10/08/2010	OFFICE: AVN-120	NAME: JOSE ALFONSO (ALLAN WILL)
APPROVED BY:	DATE: 07/20/2011	OFFICE: AVN-120	NAME: GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MKE APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: NUHLE **STATE:** WI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 430850.77N/0880405.60W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE IAP	RNAV (GPS) RWY 15L			KMWC	MILWAUKEE	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/28/2011

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

DEVELOPED BY: **DATE:** 10/07/2010 **OFFICE:** AVN-120 **NAME:** JOSE ALFONSO (ALLAN WILL)

APPROVED BY: **DATE:** 07/20/2011 **OFFICE:** AVN-120 **NAME:** GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MKE APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: YIKUS **STATE:** WI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 431154.54N/0880657.96W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:**

REMARKS:
8260.54A FORMULA 2-16B APPLIED.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 15L			KMWC	MILWAUKEE	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/28/2011

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

DEVELOPED BY: **DATE:** 10/07/2010 **OFFICE:** AVN-120 **NAME:** JOSE ALFONSO (ALLAN WILL)

APPROVED BY: **DATE:** 07/20/2011 **OFFICE:** AVN-120 **NAME:** GREGORY YAMAMOTO

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OTHER: