

RADIO FIX AND HOLDING DATA RECORD

NAME: KAPPA **STATE:** IL **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 403746.70N/0885514.06W **TYPE:** WP, INT, 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	FEET	MRA	MAA
1	PONTIAC	PNT	VOR/DME	L	213.67	216.67	14.31	14.31		3000	17500
2	ROBERTS	RBS	VOR/DME	L	273.00	275.00		34.68		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	HOLDING DME	ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE		WP	039.67	219.67	R		4	3000	6000	5	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (17-075819)	403927.42N/0884945.76W	1261	4D
1	310	WINDMILL (17-072551)	404039.77N/0884225.66W	1331	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 2	KBMI	BLOOMINGTON/NORMAL	IL (US)

REMARKS:

PONTIAC (FAC 1) AND ROBERTS (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPTIOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V69	1, 2				(US)
EN ROUTE	V9	1, 2				(US)
IAP	RNAV (GPS) RWY 2		1	KBMI	BLOOMINGTON/NORMAL	IL (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

- PATTERNS: DELETED PNT VOR/DME (PATTERN 1) HOLDING AND ASSOCIATED CONTROLLING OBSTRUCTIONS.
- PATTERNS: AMENDED WP HOLDING FROM "PATTERN 2" TO "PATTERN 1" AND MAX TEMPLATE FROM "6" TO "13".
- CONTROLLING OBSTRUCTIONS: UPDATED 200 KTS OBSTRUCTION/COORDINATES/ELEVATION/ACCURACY CODE FROM "TOWER (17-002417)/403432.00N/0885500.00W/1196/5D" TO "WINDMILL (17-075819)/403927.42N/0884945.76W/1261/4D".
- CONTROLLING OBSTRUCTIONS: ADDED 310 KTS OBSTRUCTION/COORDINATES/ELEVATION/ACCURACY CODE "WINDMILL (17-072551)/404039.77N/0884225.66W"/1331/4D".
- HOLDING RESTRICTIONS: UPDATED FROM "HOLDING LIMITED TO ESTABLISHED PATTERNS" TO "HOLDING LIMITED TO ESTABLISHED PATTERN".
- PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED "KBMI RNAV (GPS) RWY 2".
- FIX USE: DELETED "KBMI ILS OR LOC RWY 2" AND "KBMI ILS OR LOC RWY 29".

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 **NAME:** JILL SUPPES

APPROVED BY: **DATE:** 10/31/2024 **OFFICE:** AJV-A433 **NAME:** ROBERT HAMILTON

SIGNATURE:

STAR	MOTIF	5	KMDW	CHICAGO	IL (US)
STAR	MOTIF	5	KGYG	GARY/CHICAGO	IN (US)

REQUIRED CHARTING: STAR, MILITARY IAP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 28

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

FIX USE: CITY NAME CHANGED FROM GARY TO GARY/CHICAGO ON THE KGYG MOTIF STAR.

FIX USE: REMOVED FACILITY 1 FROM IAP KBMI ILS OR LOC RWY 2.

FIX USE: ADDED IAP KBMI ILS OR LOC RWY 29.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 **NAME:** TIMOTHY JOHNSON

APPROVED BY: **DATE:** 10/31/2024 **OFFICE:** AJV-A421 **NAME:** DAVID DANNER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: PONTIAC VOR/DME **STATE:** IL **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 404916.32N/0884400.63W **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	PONTIAC	PNT	VOR/DME	L							17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PNT	VOR/DME	R-020	24	18000	35000
PNT	VOR/DME	R-214	37	18000	31000

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	SW	PNT	VOR/DME	217.00	037.00	L	1		3000	6000	4	5
2	SW		WP	222.00	042.00	L		4	3000	6000	5	6
3	SW	PNT	VOR/DME	214.00	034.00	L	1		3000	31000	4	23

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-000879)	404512.00N/0884953.00W	1173	5E
2	200	TOWER (17-000879)	404512.00N/0884953.00W	1173	5E
3	200	TOWER (17-000879)	404512.00N/0884953.00W	1173	5E

REASON FOR NONSTANDARD HOLDING:

PAT 1 TO PROVIDE SEPARATION FROM DEPARTURE ROUTE
 PAT 2 TO PROVIDE SEPARATION FROM DEPARTURE ROUTE
 PAT 3 TO PROVIDE SEPARATION FROM DEPARTURE ROUTE

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ASSIGNED FACILITY MAG VAR: E01/2005.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ESV'S FOR J ROUTE COP'S DUE TO PNT VOR/DME LOW CLASS FACILITY.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J101		3			(US)
EN ROUTE	J35		3			(US)
EN ROUTE	V227					(US)
EN ROUTE	V313					(US)
EN ROUTE	V48					(US)
EN ROUTE	V586					(US)
EN ROUTE	V69					(US)
EN ROUTE	V9					(US)
IAP	RNAV (GPS) RWY 20			KBMI	BLOOMINGTON/NORMAL	IL (US)
IAP	RNAV (GPS) RWY 4			KIKK	KANKAKEE	IL (US)
IAP	RNAV (GPS) RWY 24		2	KPNT	PONTIAC	IL (US)
STAR	MOTIF		3	KMDW	CHICAGO	IL (US)
STAR	BRADFORD			KORD	CHICAGO	IL (US)
STAR	MOTIF		3	KGYG	GARY/CHICAGO	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18 **DATE OF REVISION:** 10/31/2024

REASON FOR REVISION:

FIX USE: REMOVED IAP KIKK ILS OR LOC RWY 4.
 FIX USE: REMOVED IAP KPNT VOR RWY 24.
 FIX USE: CITY NAME CHANGED FROM GARY TO GARY/CHICAGO ON THE KGYG MOTIF STAR.
 FIX USE: REMOVED IAP(S) KBMI ILS OR LOC RWY 20, ILS OR LOC RWY 2, ILS OR LOC RWY 29, ILS RWY 20 (CAT II), AND LOC BC RWY 11.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** CODY GIVEN

APPROVED BY:

DATE: 10/31/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE: