

RADIO FIX AND HOLDING DATA RECORD

NAME: KNUTE

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414207.37N/0862653.25W

TYPE: INT

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	SOUTH BEND	I-UXW	LOC		273.79	268.79		6.89	41851	2600	5200
2	GIPPER	GIJ	VORTAC	H	235.62	235.62		7.06		2600	5200

REMARKS:

COORDINATES REFLECT POSITION ON LOCALIZER CENTERLINE.
ACTUAL FACILITY COORDINATES: 414207.16N/0862653.61W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 9R	1, 2		KSBN	SOUTH BEND	IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 07/14/2022

REASON FOR REVISION:

1. UPDATED I-UXW MAG BRG FROM 271.78 TO 273.79.
2. ADDED DISTANCE FROM FAC 6.89 NM AND 41851 FT TO I-UXW.
3. UPDATED I-UXW MAA FROM 5300 TO 5200.
4. UPDATED GIJ MAG BRG FROM 235.63 TO 235.62.
5. ADDED DISTANCE FROM FAC NM 7.06 TO GIJ.
6. UPDATED GIJ MAA FROM 5300 TO 5200.
7. UPDATED ACTUAL FACILITY COORDINATES.
8. ADDED FAC 1 AND 2 TO ILS OR LOC RWY 9R FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CASEY HILL

APPROVED BY:

DATE: 07/14/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Apr 11, 2022

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MCITY

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414145.91N/0864651.03W

TYPE: INT

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	SOUTH BEND	I-UXW	LOC		273.79	268.79		21.85	2600	5200
2	KNOX	OXI	VOR/DME	H	345.23	345.23		23.20	2600	5200
3	GIPPER	GIJ	VORTAC	H	258.33	258.33		21.22	2600	5200

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-UXW	LOC	R-274	22	2600	5300

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 9R	1, 2, 3		KSBN	SOUTH BEND	IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 07/14/2022

REASON FOR REVISION:

1. UPDATED I-UXW MAG BRG FROM 271.79 TO 273.79.
2. UPDATED OXI MAG BRG FROM 345.24 TO 345.23.
3. UPDATED I-UXW ESV RADIAL FROM 272 TO 274

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CASEY HILL

APPROVED BY:

DATE: 07/14/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

Digitally signed by
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Apr 11, 2022

QUALITY
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RADIO FIX AND HOLDING DATA RECORD

NAME: MISHA LOM **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 414221.68N/0861308.54W **TYPE:** INT

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	MISHA	SB	LOM								8000
2	SOUTH BEND	I-SBN	LOC		091.81	088.81		5.13	31160	2000	5200
3	GOSHEN	GSH	VORTAC	H	321.65	321.65		13.84		2000	5200

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	E	SB	LOM	093.81	273.81	R	1		2600	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-001499)	414457.60N/0860710.50W	1300	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE MISHA LOM.
ACTUAL FACILITY LOCATION IS 414220.18N/0861308.49W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 09R	1, 3	1	KSBN	SOUTH BEND	IN (US)
IAP	ILS OR LOC RWY 27L	1, 2, 3		KSBN	SOUTH BEND	IN (US)
IAP	ILS RWY 27L (SA CAT I & II)	1, 2, 3		KSBN	SOUTH BEND	IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 07/14/2022

REASON FOR REVISION:

1. UPDATED HOLDING PATTERN COURSE FROM 271.81 TO 273.81.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** CASEY HILL

APPROVED BY: **DATE:** 03/24/2022 **OFFICE:** AJV-A430 **NAME:** LONNIE EVERHART

SIGNATURE: *Digitally signed by*
CASIMIR L TABAKA
Apr 11, 2022



RADIO FIX AND HOLDING DATA RECORD

NAME: PRAIR

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414200.06N/0863442.37W

TYPE: INT

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	SOUTH BEND	I-UXW	LOC		273.79	268.79		12.75		2600	5200
2	KNOX	OXI	VOR/DME	H	008.00	008.00		22.89		2600	5200
3	GIPPER	GIJ	VORTAC	H	250.68	250.68		12.38		2600	5200

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 9R	1, 2, 3		KSBN	SOUTH BEND	IN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 07/14/2022

REASON FOR REVISION:

1. UPDATED I-UXW MAG BRG FROM 271.79 TO 273.79.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: CASEY HILL

APPROVED BY:

DATE: 07/14/2022

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

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CASIMIR L TABAKA
Apr 11, 2022

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