

RADIO FIX AND HOLDING DATA RECORD

NAME: BLSTR

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 394208.88N/0862539.26W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR

SMUKE (RNAV)

IND

INDIANAPOLIS

IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 03/05/2015

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/29/2014

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 03/18/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZID

ATC FACILITY: IND APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BREAK

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 395035.07N/0861753.19W

TYPE: WP

AIRSPACE DOCKET: N

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 23L			IND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 23R			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) Y RWY 23L			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) Y RWY 23R			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (RNP) Z RWY 23L			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (RNP) Z RWY 23R			IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 23L (SA CAT II)			IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 23R (SA CAT I)			IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 23R (SA CAT II)			IND	INDIANAPOLIS	IN (US)
STAR	JAKKS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	KOLTS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 12/24/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: GUY COPELAND

APPROVED BY:

DATE: 11/19/2026

OFFICE: AJV-A4

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: CHERZ

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 392642.81N/0863418.28W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STARUSE TITLE
SMUKE (RNAV)

FAC

PAT

AIRPORT IDENT
INDCITY
INDIANAPOLISSTATE
IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/10/2016

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/03/2016

OFFICE: AJV-5442

NAME: JEFF ANDERSON (JACOB MAXFIELD)

APPROVED BY:

DATE: 09/13/2016

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CIRAM **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 393604.77N/0862630.19W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:						
USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/05/2015

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 08/29/2014	OFFICE: AJV-353	NAME: THOMAS KIRKPATRICK
APPROVED BY:	DATE: 03/18/2015	OFFICE: AJV-353	NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: COCOO **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 392737.17N/0863536.05W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:						
USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/05/2015

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 08/29/2014	OFFICE: AJV-353	NAME: THOMAS KIRKPATRICK
APPROVED BY:	DATE: 03/18/2015	OFFICE: AJV-353	NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: DUBBX STATE: IN COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 393225.01N/0863331.72W 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						
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 03/05/2015

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 08/29/2014	OFFICE: AJV-353	NAME: THOMAS KIRKPATRICK
APPROVED BY:	DATE: 03/18/2015	OFFICE: AJV-353	NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:	NFDC
	FPO: CEN
	ARTCC: ZID
	ATC FACILITY: IND APP CON
	OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: EDIIE **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 392553.56N/0863720.36W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:						
USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/10/2016

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 05/04/2016	OFFICE: AJV-5442	NAME: JEFF ANDERSON (JACOB MAXFIELD)
APPROVED BY:	DATE: 09/13/2016	OFFICE: AJV-5420	NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: EDODE **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 393622.38N/0861814.30W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:						
USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/05/2015

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 08/29/2014	OFFICE: AJV-353	NAME: THOMAS KIRKPATRICK
APPROVED BY:	DATE: 03/18/2015	OFFICE: AJV-353	NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: EMBRR STATE: IN COUNTRY: US ICAO REGION CODE: K5
LATITUDE/LONGITUDE: 383908.28N/0871411.39W TYPE: WP
AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE
FIX RESTRICTIONS:
HOLDING RESTRICTED TO ESTABLISHED PATTERN

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		WP	214.63	034.63	L		10	13000	28000	15 22

CONTROLLING OBSTRUCTIONS:				COORDINATES	ELEVATION	ACCURACY CODE
PAT	AIRSPEED	OBSTRUCTION				
1	230	TOWER (18-000248)		383905.00N/0872837.00W	1076	1D

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING RESTRICTED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED
PAT 1: MIN TEMPLATE 15 USED TO ACCOMMODATE 10 NM LEGS.

FIX USE:							
USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE	
STAR	SMUKE (RNAV)		1	IND	INDIANAPOLIS	IN (US)	

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 07/11/2024

REASON FOR REVISION:
1. ADDED CONTROLLER LOW AND CONTROLLER HIGH TO REQUIRED CHARTING.
2. ADDED HOLDING RESTRICTION: HOLDING RESTRICTED TO ESTABLISHED PATTERN.

INITIATED BY: DATE: ORGANIZATION: NAME:
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: LORRI DOWNEY
APPROVED BY: DATE: 07/11/2024 OFFICE: AJV-A432 NAME: CASIMIR TABAKA
SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: FIIRE **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 392409.40N/0863905.13W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
FIX NAME RETAINED PER ATC REQUEST

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/10/2016

REASON FOR REVISION:
LAT/LONG: MOVED 6.72 NM NE.
REMARKS: ADDED "FIX NAME RETAINED PER ATC REQUEST."

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 05/03/2016	OFFICE: AJV-5442	NAME: JEFF ANDERSON (JACOB MAXFIELD)
APPROVED BY:	DATE: 09/13/2016	OFFICE: AJV-5420	NAME: TONY LAWSON
	SIGNATURE:		

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: FIISH STATE: IN COUNTRY: US ICAO REGION CODE: K5
LATITUDE/LONGITUDE: 393614.89N/0861632.42W 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	ILS OR LOC RWY 32			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) Y RWY 32			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (RNP) Z RWY 32			IND	INDIANAPOLIS	IN (US)
STAR	KOLTS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 12/24/2026

INITIATED BY: DATE: ORGANIZATION: NAME:
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 NAME: BRYANT SMITH
APPROVED BY: DATE: 11/19/2026 OFFICE: AJV-A433 NAME: ROBERT HAMILTON
SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: GAMLE STATE: IN COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 385719.15N/0870037.91W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

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 MAX	TEMPLATES MIN	MAX
1	SW		WP	215.27	035.27	L	10	10000	21000	15	19

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (18-000241)	383845.00N/0871128.00W	1049	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING RESTRICTED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1: MIN TEMPLATE 15 USED TO ACCOMMODATE 10NM LEGS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SMUKE (RNAV)		1	IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

HOLDING: ADDED PAT 1.
 RESTRICTIONS: ADDED "HOLDING RESTRICTED TO ESTABLISHED PATTERN."
 REMARKS: ADDED "PRECIPITOUS TERRAIN EVALUATION COMPLETED" AND "PAT 1: MIN TEMPLATE 15 USED TO ACCOMMODATE 10NM LEGS."
 FIX USE: ADDED PAT 1 TO SMUKE (RNAV) STAR.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 05/03/2016	OFFICE: AJV-5442	NAME: JEFF ANDERSON (JACOB MAXFIELD)
APPROVED BY:	DATE: 09/13/2016	OFFICE: AJV-5420	NAME: TONY LAWSON
SIGNATURE:			

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZID
 ATC FACILITY: IND APP CON
 OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: IIUUU **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 393241.79N/0863006.06W **TYPE:** WP, RADAR, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	INDIANAPOLIS	I-OQV	LOC/DME		229.55	224.55	14.86	14.86		5000	5200

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-OQV	LOC/DME	R-230	14	5000	5200

HOLDING: **HOLDING TYPE OF ACTION:**

REMARKS:

I-OQV ESV IS FOR GLIDESLOPE ONLY.
DME LAT/LONG 394320.20N-0861639.55W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5R	1		IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5R (CAT II & III)	1		IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5R (SA CAT I)	1		IND	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) Y RWY 5R			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (RNP) Z RWY 5R			IND	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 04/30/2015

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 09/05/2014	OFFICE: AJV-353	NAME: STEVE NELSON
APPROVED BY:	DATE: 03/20/2015	OFFICE: AJV-353	NAME: GEORGE GONZALEZ
SIGNATURE:			

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: INDIANAPOLIS APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: KNIGT **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 393953.76N/0861152.42W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
STAR	GIIBS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	SNKPT (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 12/24/2026

REASON FOR REVISION:
 MOVED FIX 1869 FT SOUTHEAST FROM 394006.75N/0861209.40W TO 393953.76N/0861152.42W.
 FIX USE: REMOVED RNAV (RNP) Z RWY 23L AND RNAV (RNP) Z RWY 5R AT IND.
 REQUIRED CHARTING: REMOVED IAP.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A421	NAME: GUY COPELAND
APPROVED BY:	DATE: 11/19/2026	OFFICE: AJV-A4	NAME: BEV L BORDY
	SIGNATURE:		

RADIO FIX AND HOLDING DATA RECORD

NAME: OLIPE

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 385821.98N/0880343.09W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

STAR

USE TITLE

SMUKE (RNAV)

FAC

PAT

AIRPORT IDENT

IND

CITY

INDIANAPOLIS

STATE

IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 03/05/2015

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/29/2014

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 03/18/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZID

ATC FACILITY: IND APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: PAAAM		STATE: IL		COUNTRY: US		ICAO REGION CODE: K5	
LATITUDE/LONGITUDE: 385712.09N/0881310.16W		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	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)	
STAR							

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 03/05/2015

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 08/29/2014	OFFICE: AJV-353	NAME: THOMAS KIRKPATRICK
APPROVED BY:	DATE: 03/18/2015	OFFICE: AJV-353	NAME: GEORGE GONZALEZ
SIGNATURE:			

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: PETYN

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 394729.86N/0862151.42W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	JAKKS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	KOLTS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	SNKPT (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/24/2026

REASON FOR REVISION:

FIX MOVED MOVED 0.2886 NM NORTHWEST FROM 394717.16N/0862136.14W TO 394729.86N/0862151.42W.

FIX USE: REMOVED RNAV (RNP) Z RWY 5L AND RNAV (RNP) Z RWY 23R AT IND.

REQUIRED CHARTING: REMOVED IAP.

REMOVED REMARK: PRECISE FIX LOCATION: 394717.158N/0862136.135W.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: GUY COPELAND

APPROVED BY:

DATE: 11/19/2026

OFFICE: AJV-A4

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: PNFLD **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 394017.94N/0862108.52W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (RNP) Z RWY 14			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (RNP) Z RWY 32			IND	INDIANAPOLIS	IN (US)
STAR	GIIBS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	JAKKS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	KOLTS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/05/2015

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 08/26/2014	OFFICE: AJV-353	NAME: THOMAS KIRKPATRICK
APPROVED BY:	DATE: 11/19/2026	OFFICE: AJV-A433	NAME: ROBERT HAMILTON

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: RACYR STATE: IN COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 390642.57N/0865350.64W TYPE: WP, INT, DME
 AIRSPACE DOCKET: N 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	HOOSIER	OOM	VORTAC	L	263.87	261.87	13.42	13.42	3000	17500
2	BRICKYARD	VHP	VORTAC	VH	209.47	210.47	48.80	48.80	3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
VHP	VORTAC	R-209	49	3000	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	HOLDING ALTITUDES DME	MIN	MAX	TEMPLATES MIN	MAX
1	SW		WP	214.38	034.38	L		10	7000	15000	15	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (18-025724)	390523.64N/0864424.61W	1153	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

HOOSIER (FAC 1) AND BRICKYARD (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1: MIN TEMPLATE 15 USED TO ACCOMMODATE 10 NM LEGS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V11	1, 2				(US)
EN ROUTE	V221	1, 2				(US)
STAR	RACYR (RNAV)			EYE	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			HFY	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)		1	IND	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			MQJ	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			TYQ	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			UMP	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			GEZ	SHELBYVILLE	IN (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 12/24/2026

REASON FOR REVISION:

FIX USE: ADDED STAR RACYR (RNAV) AT KEYE, KGEZ, KHFY, KMQJ, KTYQ, KUMP.
 FIX USE: REMOVED RACYR STAR FROM EYE, HFY, IND, MQJ, TYQ, UMP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: GUY COPELAND

APPROVED BY:

DATE: 11/19/2026

OFFICE: AJV-A4

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: RAMEY

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 394259.65N/0860754.77W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 23L			IND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 23R			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) Y RWY 23L			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (RNP) Z RWY 23L			IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 23L (SA CAT II)			IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 23R (SA CAT I)			IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 23R (SA CAT II)			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) Y RWY 23R			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (RNP) Z RWY 23R			IND	INDIANAPOLIS	IN (US)
STAR	GIIBS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/24/2026

REASON FOR REVISION:

1. UPDATED LATITUDE/LONGITUDE FIX MOVED 2.1730 MILES SOUTHWEST.
2. FIX USE: ADDED "ILS OR LOC RWY 23R, ILS RWY 23R (SA CAT I), ILS RWY 23R (SA CAT II), RNAV (GPS) Y RWY 23 AND RNAV (RNP) Z RWY 23R" AT IND.
3. REQUIRED CHARTING:ADDED "IAP".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: ANA VEGA

APPROVED BY:

DATE: 11/19/2026

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SMUKE **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 391536.90N/0864654.98W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:						
USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/10/2016

REASON FOR REVISION:
LAT/LONG: MOVED 0.90 NM SW

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 05/04/2016	OFFICE: AJV-5442	NAME: JEFF ANDERSON (JACOB MAXFIELD)
APPROVED BY:	DATE: 09/13/2016	OFFICE: AJV-5420	NAME: TONY LAWSON
	SIGNATURE:		

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: TERGE

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 375542.47N/0874544.19W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHART ON SECTIONAL - ATC REQUEST.

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

DP	HOOSR (RNAV)			EYE	INDIANAPOLIS	IN (US)
DP	HOOSR (RNAV)			HFY	INDIANAPOLIS	IN (US)
DP	HOOSR (RNAV)			IND	INDIANAPOLIS	IN (US)
DP	HOOSR (RNAV)			MQJ	INDIANAPOLIS	IN (US)
DP	HOOSR (RNAV)			TYQ	INDIANAPOLIS	IN (US)
DP	HOOSR (RNAV)			UMP	INDIANAPOLIS	IN (US)
DP	HOOSR (RNAV)			GEZ	SHELBYVILLE	IN (US)
DP	GTGON (RNAV)			SDF	LOUISVILLE	KY (US)
EN ROUTE	T419					(US)
STAR	RACYR (RNAV)			EYE	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			HFY	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			MQJ	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			TYQ	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			UMP	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			GEZ	SHELBYVILLE	IN (US)
STAR	SARGO (RNAV)			CVG	COVINGTON	KY (US)
STAR	SARGO (RNAV)			I69	BATAVIA	OH (US)
STAR	SARGO (RNAV)			LUK	CINCINNATI	OH (US)
STAR	SARGO (RNAV)			HAO	HAMILTON	OH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 12/24/2026

REASON FOR REVISION:

1. FIX USE: ADDED DP HOOSR(RNAV) AT KEYE, KHFY, KIND, KTYQ, KMQJ, KUMP, KGEZ.
2. FIX USE: ADDED STAR RACYR (RNAV) AT KEYE, KHFY, KTYQ, KMQJ, KUMP, KGEZ.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

NAME: MATTHEW TOWNSEND

APPROVED BY:

DATE: 11/19/2026

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TTKAY

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 392908.48N/0862945.24W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STARUSE TITLE
SMUKE (RNAV)

FAC

PAT

AIRPORT IDENT
INDCITY
INDIANAPOLISSTATE
IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/05/2015

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/29/2014

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 03/18/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WAAYN

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 393257.00N/0863113.67W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET: N

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	INDIANAPOLIS	I-IND	LOC/DME		229.54	224.54	15.23	15.22		5000	5200

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-IND	LOC/DME	R-230	16	5000	5200

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-IND ESV IS FOR GLIDESLOPE ONLY.
I-IND DME IS LOCATED AT 394351.35N-0861727.57W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5L	1		IND	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) Y RWY 5L			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (RNP) Z RWY 5L			IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5L (CAT II)	1		IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5L (CAT III)	1		IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5L (SA CAT I)	1		IND	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/24/2026

REASON FOR REVISION:

1. ESV: CHANGED DISTANCE FROM 14 NM TO 16 NM.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

NAME: TAYLOR KENNEY

APPROVED BY:

DATE: 11/19/2026

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WANOB

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 394353.49N/0862624.91W

TYPE: WP

AIRSPACE DOCKET: N

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 14			IND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 5L			IND	INDIANAPOLIS	IN (US)
IAP	ILS OR LOC RWY 5R			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) Y RWY 14			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) Y RWY 5L			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (GPS) Y RWY 5R			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (RNP) Z RWY 14			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (RNP) Z RWY 5L			IND	INDIANAPOLIS	IN (US)
IAP	RNAV (RNP) Z RWY 5R			IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5L (CAT II-III)			IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5L (SA CAT I)			IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5R (CAT II-III)			IND	INDIANAPOLIS	IN (US)
IAP	ILS RWY 5R (SA CAT I)			IND	INDIANAPOLIS	IN (US)
STAR	JAKKS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	KOLTS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	SNKPT (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/24/2026

REASON FOR REVISION:

1. LATITUDE/LONGITUDE: COORDINATES CHANGED FROM 394154.25N/0862822.81W TO 394353.49N/0862624.91W - FIX MOVED 2.50 NM NORTHEAST/NAME RETAINED PER FPT/ATC.
2. FIX USE: ADDED KIND IAPS- ILS OR LOC RWY 5L/R (SA CAT I, CAT II-III), RNAV (GPS) Y RWY 5L/R, RNAV (RNP) Z RWY 5L/R.
3. FIX USE: ADDED KIND IAPS- ILS OR LOC RWY 14, RNAV (GPS) Y RWY 14.
4. FIX USE: ADDED KIND STAR- SMUKE (RNAV).
5. REQUIRED CHARTING: ADDED IAP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: TAYLOR KENNEY

APPROVED BY:

DATE: 11/19/2026

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WESLE

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 392815.20N/0863600.37W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

STAR

USE TITLE

SMUKE (RNAV)

FAC

PAT

AIRPORT IDENT

IND

CITY

INDIANAPOLIS

STATE

IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/05/2015

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/29/2014

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 03/18/2015

OFFICE: AJV-353

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZID

ATC FACILITY: IND APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WIDAM

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 385513.34N/0882853.75W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	RACYR (RNAV)			EYE	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			HFY	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			MQJ	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			TYQ	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			UMP	INDIANAPOLIS	IN (US)
STAR	RACYR (RNAV)			GEZ	SHELBYVILLE	IN (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/24/2026

REASON FOR REVISION:

FIX USE: ADDED STAR RACYR (RNAV) AT KEYE, KGEZ, KHFY, KMQJ, KTYQ, KUMP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: GUY COPELAND

APPROVED BY:

DATE: 11/19/2026

OFFICE: AJV-A4

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WONOK **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 394512.96N/0862736.21W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
STAR	GIIBS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 03/05/2015

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 08/25/2014	OFFICE: AJV-353	NAME: THOMAS KIRKPATRICK
APPROVED BY:	DATE: 11/19/2026	OFFICE: AJV-A4	NAME: BEV L BORDY
	SIGNATURE:		

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WOOTE **STATE:** IN **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 384952.18N/0870612.05W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:						
USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/10/2016

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 05/03/2016	OFFICE: AJV-5442	NAME: JEFF ANDERSON (JACOB MAXFIELD)
APPROVED BY:	DATE: 09/13/2016	OFFICE: AJV-5420	NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WOTSN

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 392809.05N/0863624.10W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STARUSE TITLE
SMUKE (RNAV)

FAC

PAT

AIRPORT IDENT
INDCITY
INDIANAPOLISSTATE
IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/10/2016

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 05/04/2016

OFFICE: AJV-5442

NAME: JEFF ANDERSON (JACOB MAXFIELD)

APPROVED BY:

DATE: 09/13/2016

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZASNI

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 393523.19N/0861440.95W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE

STAR
STAR
STAR

USE TITLE

JAKKS (RNAV)
KOLTS (RNAV)
SMUKE (RNAV)

FAC

PAT

AIRPORT IDENT

IND
IND
IND

CITY

INDIANAPOLIS
INDIANAPOLIS
INDIANAPOLIS

STATE

IN (US)
IN (US)
IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/05/2015

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/26/2014

OFFICE: AJV-353

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE: 11/19/2026

OFFICE: AJV-A4

NAME: BEV L BORDY

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: IND APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZOSAR

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 395153.24N/0861538.30W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
STAR	JAKKS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	KOLTS (RNAV)			IND	INDIANAPOLIS	IN (US)
STAR	SMUKE (RNAV)			IND	INDIANAPOLIS	IN (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/05/2015

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 08/26/2014	OFFICE: AJV-353	NAME: THOMAS KIRKPATRICK
APPROVED BY:	DATE: 11/19/2026	OFFICE: AJV-A4	NAME: BEV L BORDY
	SIGNATURE:		

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZID

ATC FACILITY: IND APP CON

OTHER: