

RADIO FIX AND HOLDING DATA RECORD

NAME: BREEZ

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 383543.48N/0893427.12W

TYPE: INT, DME

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	TROY	TOY	VORTAC	L	113.92	117.92	18.33	18.33		2300	17500
2	VANDALIA	VLA	VORTAC	L	209.01	213.01		35.57		2300	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

TROY (FAC 1) AND VANDALIA (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V4	1, 2				(US)
IAP	RNAV (GPS) RWY 35			KALN	ALTON/ST LOUIS	IL (US)
IAP	RNAV (GPS) RWY 36			KGRE	GREENVILLE	IL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 07/21/2016

REASON FOR REVISION:

FAC 1: CHANGED DME AND DIST FROM FAC FROM 18.34 TO 18.33.

FAC 2: MAG/TRUE BRG FROM 209.00/213.00 TO 209.01/213.01, DIST FROM FAC FROM 35.56 TO 35.57.

ADDED FACILITIES USED TO ESTABLISH FIX COORDINATES IN REMARKS.

ADD FIX USE: ADDED RNAV (GPS) RWY 36 TO KGRE.

DEVELOPED BY:

DATE: 02/03/2016

OFFICE: AJV-5422

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CENTRALIA VORTAC

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 382512.00N/0890932.39W

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	MRA FEET	MAA
1	CENTRALIA	ENL	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	SW	ENL	VORTAC	206.96	026.96	R	1		2100	6000	4	5
2	W	WP	WP	267.00	087.00	R		10	18000	45000	17	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (17-002823)	382407.00N/0890808.00W	1035	2C
1	200	TOWER (17-002823)	382407.00N/0890808.00W	1035	2C

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 2600.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BLUES			KALN	ALTON/ST LOUIS	IL (US)
DP	GATEWAY			KALN	ALTON/ST LOUIS	IL (US)
DP	PLESS			KALN	ALTON/ST LOUIS	IL (US)
DP	TURBO			KALN	ALTON/ST LOUIS	IL (US)
DP	BLUES			KBLV	BELLEVILLE	IL (US)
DP	GATEWAY			KBLV	BELLEVILLE	IL (US)
DP	PLESS			KBLV	BELLEVILLE	IL (US)
DP	BLUES			KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	GATEWAY			KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	PLESS			KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	TURBO			KCPS	CAHOKIA/ST LOUIS	IL (US)
DP	BLUES			KSTL	ST LOUIS	MO (US)
DP	GATEWAY			KSTL	ST LOUIS	MO (US)
DP	PLESS			KSTL	ST LOUIS	MO (US)
DP	TEDDD (RNAV)			KSTL	ST LOUIS	MO (US)
DP	TURBO			KSTL	ST LOUIS	MO (US)
DP	BLUES			KSUS	ST LOUIS	MO (US)
DP	GATEWAY			KSUS	ST LOUIS	MO (US)
DP	PLESS			KSUS	ST LOUIS	MO (US)
DP	TURBO			KSUS	ST LOUIS	MO (US)
EN ROUTE	J71					(US)
EN ROUTE	V234					(US)
EN ROUTE	V313					(US)
EN ROUTE	V4					(US)
EN ROUTE	V44					(US)
EN ROUTE	V67					(US)
EN ROUTE	V72					(US)
IAP	ILS OR LOC RWY 32R			KBLV	BELLEVILLE	IL (US)
IAP	ILS OR LOC/DME RWY 14L			KBLV	BELLEVILLE	IL (US)
IAP	ILS OR LOC/DME RWY 32L			KBLV	BELLEVILLE	IL (US)
IAP	RADAR-1	1		KBLV	BELLEVILLE	IL (US)
IAP	TACAN-A	1		KBLV	BELLEVILLE	IL (US)
IAP	RNAV (GPS) RWY 18			KH96	BENTON	IL (US)
IAP	ILS OR LOC RWY 30L			KCPS	CAHOKIA/ST LOUIS	IL (US)
IAP	ILS OR LOC RWY 18L			KMDH	CARBONDALE/MURPHYSBORO	IL (US)
IAP	NDB RWY 18L			KMDH	CARBONDALE/MURPHYSBORO	IL (US)
IAP	VOR-A		1	KENL	CENTRALIA	IL (US)
IAP	NDB RWY 9			KFWC	FAIRFIELD	IL (US)
IAP	RNAV (GPS) RWY 36			KGRE	GREENVILLE	IL (US)
IAP	ILS OR LOC RWY 20			KMWA	MARION	IL (US)
IAP	NDB RWY 20			KMWA	MARION	IL (US)
IAP	ILS OR LOC RWY 23		1	KMVN	MOUNT VERNON	IL (US)
IAP	RNAV (GPS) RWY 23			KMVN	MOUNT VERNON	IL (US)
IAP	VOR RWY 23			KMVN	MOUNT VERNON	IL (US)
IAP	VOR RWY 5			KMVN	MOUNT VERNON	IL (US)
IAP	LOC RWY 11			KOLY	OLNEY/NOBLE	IL (US)
IAP	NDB RWY 18			KSLO	SALEM	IL (US)
IAP	RNAV (GPS)-A			K3K6	ST JACOB	IL (US)
IAP	RNAV (GPS) RWY 36			KVLA	VANDALIA	IL (US)
STAR	CENTRALIA (RNAV)			KBLV	BELLEVILLE	IL (US)

QUALITY
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CHECKED

STAR	SARGO (RNAV)	2	KCVG	COVINGTON	KY (US)
STAR	CHERI		KSDF	LOUISVILLE	KY (US)
STAR	DAMEN (RNAV)		KSDF	LOUISVILLE	KY (US)
STAR	QBALL		KSTL	ST LOUIS	MO (US)
STAR	VANDALIA		KSTL	ST LOUIS	MO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 07/21/2016

REASON FOR REVISION:

ADD FIX USE: ADDED RNAV (GPS) RWY 36 TO KGRE.

DEVELOPED BY: **DATE:** 01/20/2016 **OFFICE:** AJV-5422 **NAME:** THOMAS KIRKPATRICK

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION: **NFDC**
 FPO: CEN
 ARTCC: ZKC
 ATC FACILITY:
 OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HODAN

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 383941.32N/0892231.37W

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 MAX	TEMPLATES MIN	MAX
1	S		WP	181.73	001.73	R	4	2300	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-003101)	383633.00N/0892335.00W	964	5D

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 18		1	KGRE	GREENVILLE	IL (US)
IAP	RNAV (GPS) RWY 36		1	KGRE	GREENVILLE	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/21/2016

DEVELOPED BY: DATE: 01/19/2016

OFFICE: AJV-5422

NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SPEAN

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 384736.57N/0892234.22W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 36

FAC

PAT

AIRPORT IDENT
KGRE

CITY
GREENVILLE

STATE
IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/21/2016

DEVELOPED BY: DATE: 02/03/2016

OFFICE: AJV-5422

NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TOWNY

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 384441.62N/0892233.17W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 36

FAC

PAT

AIRPORT IDENT
KGRE

CITY
GREENVILLE

STATE
IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/21/2016

DEVELOPED BY: DATE: 01/20/2016

OFFICE: AJV-5422

NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: VANDALIA VORTAC

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 390537.82N/0890944.08W

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	VANDALIA	VLA	VORTAC	L							25000

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	VLA	VORTAC	358.59	178.59	R	1	2300 14000	4 10
2	NE	VLA	VORTAC	067.00	247.00	R	1-1 1/2	8000 17500	8 16
3	N	VLA	VORTAC	359.00	179.00	R	1	2400 10000	4 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (17-001933)	390806.00N/0890602.00W	1107	5D
1	200	TOWER (17-001933)	390806.00N/0890602.00W	1107	5D
2	230	TOWER (17-001933)	390806.00N/0890602.00W	1107	5D
3	200	TOWER (17-001933)	390806.00N/0890602.00W	1107	5D

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TURBO			KALN	ALTON/ST LOUIS	IL (US)
DP	TURBO			KPCS	CAHOKIA/ST LOUIS	IL (US)
DP	TURBO			KSTL	ST LOUIS	MO (US)
DP	TURBO			KSUS	ST LOUIS	MO (US)
EN ROUTE	T272					(US)
EN ROUTE	V14					(US)
EN ROUTE	V67					(US)
IAP	ILS OR LOC/DME RWY 14L	1		KBLV	BELLEVILLE	IL (US)
IAP	TACAN A			KBLV	BELLEVILLE	IL (US)
IAP	ILS OR LOC RWY 6			KDEC	DECATUR	IL (US)
IAP	RNAV (GPS) RWY 1			K1H2	EFFINGHAM	IL (US)
IAP	VOR RWY 1			K1H2	EFFINGHAM	IL (US)
IAP	RNAV (GPS) RWY 18			KGRE	GREENVILLE	IL (US)
IAP	RNAV (GPS) RWY 36			KGRE	GREENVILLE	IL (US)
IAP	VOR/DME-A		3	KGRE	GREENVILLE	IL (US)
IAP	RNAV (GPS) RWY 18			K3LF	LITCHFIELD	IL (US)
IAP	RNAV (GPS) RWY 27			K3LF	LITCHFIELD	IL (US)
IAP	RNAV (GPS) RWY 36			K3LF	LITCHFIELD	IL (US)
IAP	VOR RWY 24			KMTO	MATTOON/CHARLESTON	IL (US)
IAP	VOR RWY 6			KMTO	MATTOON/CHARLESTON	IL (US)
IAP	NDB-A			K2H0	SHELBYVILLE	IL (US)
IAP	RNAV (GPS) RWY 36			K2H0	SHELBYVILLE	IL (US)
IAP	NDB RWY 18			KTAZ	TAYLORVILLE	IL (US)
IAP	RNAV (GPS) RWY 36			KTAZ	TAYLORVILLE	IL (US)
IAP	RNAV (GPS) RWY 18			KVLA	VANDALIA	IL (US)
IAP	RNAV (GPS) RWY 36			KVLA	VANDALIA	IL (US)
IAP	VOR RWY 18		1	KVLA	VANDALIA	IL (US)
STAR	VANDALIA		2	KSTL	ST LOUIS	MO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 07/21/2016

REASON FOR REVISION:

UPDATED FIX USE: ADDED RNAV RWY 36 AT KGRE.

DEVELOPED BY: DATE: 01/19/2016

OFFICE: AJV-5422

NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

QUALITY
10
CHECKED

SIGNATURE:**DISTRIBUTION:**

NFDC
FPO: CEN
ARTCC: ZKC
ATC FACILITY: STL APP CON
OTHER:

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: XUHAS

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 390134.08N/0892239.28W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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	N		WP	001.73	181.73	R	4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	STACK (17-022660)	390330.30N/0892416.30W	1191	4D

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 18		1	KGRE	GREENVILLE	IL (US)
IAP	RNAV (GPS) RWY 36		1	KGRE	GREENVILLE	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 07/21/2016

REASON FOR REVISION:

FIX MOVED 688 FT. SOUTH.
ADDED HOLDING.
ADDED FIX USE.

DEVELOPED BY:

DATE: 01/19/2016

OFFICE: AJV-5422

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY
10
CHECKED