

RADIO FIX AND HOLDING DATA RECORD

NAME: COKUS STATE: OH COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 401158.88N/0844543.16W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W		WP	272.39	092.39	R	4	2700	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (18-000328)	401136.00N/0844840.00W	1483	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 27		1	KVES	VERSAILLES	OH (US)
IAP	RNAV (GPS) RWY 9		1	KVES	VERSAILLES	OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

1. FIX MOVED 3 FT NORTH.
2. REMOVED FAC 1.
3. ADDED REMARK, PRECIPITOUS TERRAIN EVALUATION COMPLETED.
4. UPDATED FIX USE FORMAT.

DEVELOPED BY: DATE: 04/16/2018 OFFICE: AJV-5421 NAME: JEFFREY ROBINSON

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: DAYTON VOR/DME STATE: OH COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 400059.20N/0842348.83W TYPE:

AIRSPACE DOCKET: 16-AGL-2 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	DAYTON	DQN	VOR/DME	L							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	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW	DQN	VOR/DME	205.00	025.00	L	1		3000	6000	4	5
2	W	DQN	VOR/DME	264.00	084.00	R	1		3000	6000	4	5
3	N	DQN	VOR/DME	002.00	182.00	R	1		2800	6000	4	5
4	W	WP	WP	266.00	086.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-003751)	395847.00N/0843059.00W	1355	4D
2	200	TOWER (39-003751)	395847.00N/0843059.00W	1355	4D
3	200	TOWER (39-001782)	400721.00N/0842358.00W	1380	5D
4	200	TOWER (39-003751)	395847.00N/0843059.00W	1355	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 1 DEGREE WEST (1965).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	INDY			KIND	INDIANAPOLIS	IN (US)
DP	CINCINNATI			KCVG	COVINGTON	KY (US)
DP	HAGOL (RNAV)			KCVG	COVINGTON	KY (US)
DP	LOCKBOURNE			KLCK	COLUMBUS	OH (US)
DP	DAYTON			KDAY	DAYTON	OH (US)
EN ROUTE	V192					(US)
EN ROUTE	V275					(US)
EN ROUTE	V50					(US)
EN ROUTE	V55					(US)
IAP	NDB RWY 30			KAID	ANDERSON	IN (US)
IAP	ILS OR LOC RWY 24			KRID	RICHMOND	IN (US)
IAP	RNAV (GPS) RWY 26			KI22	WINCHESTER	IN (US)
IAP	VOR - A			KI22	WINCHESTER	IN (US)
IAP	ILS OR LOC RWY 36R			KCVG	COVINGTON	KY (US)
IAP	ILS RWY 36R (CAT II & III)			KCVG	COVINGTON	KY (US)
IAP	ILS OR LOC RWY 18		2	KDAY	DAYTON	OH (US)
IAP	ILS OR LOC RWY 24L			KDAY	DAYTON	OH (US)
IAP	ILS OR LOC RWY 24R		2	KDAY	DAYTON	OH (US)
IAP	ILS OR LOC RWY 6L		2	KDAY	DAYTON	OH (US)
IAP	ILS RWY 6L (CAT II & III)		2	KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 18			KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) Z RWY 6L		4	KDAY	DAYTON	OH (US)
IAP	VOR RWY 25			KI19	DAYTON	OH (US)
IAP	VOR RWY 7			KI19	DAYTON	OH (US)
IAP	LOC/DME RWY 20			KMGY	DAYTON	OH (US)
IAP	VOR OR GPS RWY 21		3	K3I7	PHILLIPSBURG	OH (US)
IAP	VOR-A		1	KI17	PIQUA	OH (US)
IAP	RNAV (GPS) RWY 10			KSCA	SIDNEY	OH (US)
IAP	ILS OR LOC RWY 24			KSGH	SPRINGFIELD	OH (US)
IAP	VOR RWY 6			KSGH	SPRINGFIELD	OH (US)
IAP	RNAV (GPS) RWY 27			KVES	VERSAILLES	OH (US)
IAP	RNAV (GPS) RWY 9			KVES	VERSAILLES	OH (US)
IAP	ILS OR LOC RWY 22R			KILN	WILMINGTON	OH (US)
IAP	ILS RWY 22R (CAT II & III)			KILN	WILMINGTON	OH (US)
STAR	CLANG			KEYE	INDIANAPOLIS	IN (US)
STAR	CLANG			KIND	INDIANAPOLIS	IN (US)
STAR	CLANG			KMQJ	INDIANAPOLIS	IN (US)
STAR	DANEI			KDAY	DAYTON	OH (US)
STAR	KEKEE			KDAY	DAYTON	OH (US)
STAR	DANEI			KFFO	DAYTON	OH (US)
STAR	KEKEE			KFFO	DAYTON	OH (US)

STAR
STAR
STAR
STAR

DANEI
DANEI
DANEI
KEKEE

KMGY
KMWO
KSGH
KSGH

DAYTON
MIDDLETOWN
SPRINGFIELD
SPRINGFIELD

OH (US)
OH (US)
OH (US)
OH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

FIX USE: DELETED MIZAR, CRUXX, ZABER STARS.

DEVELOPED BY: **DATE:** 04/02/2018

OFFICE: AJV-5431

NAME: MICHAEL CURRAN

APPROVED BY: **DATE:**

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ROSEWOOD VORTAC

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 401716.08N/0840235.15W

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	ROSEWOOD	ROD	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 LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NW	ROD	VORTAC	310.00	130.00	R	1		2800	6000	4	5
2	NE	ROD	VORTAC	063.00	243.00	R	1		2800	6000	4	5
3	NE	ROD	VORTAC	064.96	244.96	R	1		3000	6000	4	5
4	W	ROD	VORTAC	248.49	068.49	R	1		3000	6000	4	5
5	SW		WP	244.00	064.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (39-002629)	400822.15N/0835750.07W	1630	2C
1	200	TOWER (39-000804)	401821.00N/0840654.00W	1529	5D
2	200	TOWER (39-000804)	401821.00N/0840654.00W	1529	5D
3	200	TOWER (39-000804)	401821.00N/0840654.00W	1529	5D
4	200	TOWER (39-000804)	401821.00N/0840654.00W	1529	5D
5	200	TOWER (39-000804)	401821.00N/0840654.00W	1529	5D

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 5000.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
ASSIGNED FACILITY MAGVAR: 5 DEGREES WEST (1995).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GATEWAY			KALN	ALTON/ST LOUIS	IL (US)
DP	GATEWAY			KBLV	BELLEVILLE	IL (US)
DP	GATEWAY			KCPD	CAHOKIA/ST LOUIS	IL (US)
DP	MAREO			KEYE	INDIANAPOLIS	IN (US)
DP	MAREO			KHFY	INDIANAPOLIS	IN (US)
DP	INDY			KIND	INDIANAPOLIS	IN (US)
DP	MAREO			KIND	INDIANAPOLIS	IN (US)
DP	MAREO			KMQJ	INDIANAPOLIS	IN (US)
DP	MAREO			KTYQ	INDIANAPOLIS	IN (US)
DP	MAREO			KUMP	INDIANAPOLIS	IN (US)
DP	MAREO			KGEZ	SHELBYVILLE	IN (US)
DP	CINCINNATI			KCVG	COVINGTON	KY (US)
DP	HAGOL (RNAV)			KCVG	COVINGTON	KY (US)
DP	ROSEWOOD			KARB	ANN ARBOR	MI (US)
DP	ROSEWOOD			KDET	DETROIT	MI (US)
DP	ROSEWOOD			KDTW	DETROIT	MI (US)
DP	ROSEWOOD			KYIP	DETROIT	MI (US)
DP	ROSEWOOD			KPTK	PONTIAC	MI (US)
DP	GATEWAY			KSTL	ST LOUIS	MO (US)
DP	JHART (RNAV)			KSTL	ST LOUIS	MO (US)
DP	GATEWAY			KSUS	ST LOUIS	MO (US)
DP	LOCKBOURNE			KLCK	COLUMBUS	OH (US)
DP	DAYTON			KDAY	DAYTON	OH (US)
EN ROUTE	J149					(US)
EN ROUTE	J152					(US)
EN ROUTE	J39					(US)
EN ROUTE	J43					(US)
EN ROUTE	Q65					(US)
EN ROUTE	V210					(US)
EN ROUTE	V277					(US)
EN ROUTE	V47					(US)
IAP	ILS OR LOC RWY 5			KFWA	FORT WAYNE	IN (US)
IAP	ILS RWY 5 (CAT II)			KFWA	FORT WAYNE	IN (US)
IAP	RNAV (GPS) RWY 25		5	KEDJ	BELLEFONTAINE	OH (US)
IAP	RNAV (GPS) RWY 7		5	KEDJ	BELLEFONTAINE	OH (US)
IAP	VOR/DME RWY 25		4	KEDJ	BELLEFONTAINE	OH (US)
IAP	VOR/DME RWY 7		4	KEDJ	BELLEFONTAINE	OH (US)
IAP	ILS OR LOC RWY 28L			KCMH	COLUMBUS	OH (US)
IAP	ILS RWY 28L (SA CAT 1)			KCMH	COLUMBUS	OH (US)
IAP	ILS OR LOC RWY 18			KDAY	DAYTON	OH (US)
IAP	ILS OR LOC RWY 24L			KDAY	DAYTON	OH (US)
IAP	ILS OR LOC RWY 24R			KDAY	DAYTON	OH (US)

IAP	ILS OR LOC RWY 6L	2	KDAY	DAYTON	OH (US)
IAP	ILS RWY 6L (CAT II & III)	2	KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 18		KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 24L		KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) Z RWY 24R		KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 36		KFDY	FINDLAY	OH (US)
IAP	RNAV (GPS) RWY 4		KI95	KENTON	OH (US)
IAP	ILS OR LOC RWY 28		KAOH	LIMA	OH (US)
IAP	RNAV (GPS) RWY 26		KI17	PIQUA	OH (US)
IAP	VOR RWY 26	2	KI17	PIQUA	OH (US)
IAP	RNAV (GPS) RWY 10		KSCA	SIDNEY	OH (US)
IAP	RNAV (GPS) RWY 28		KSCA	SIDNEY	OH (US)
IAP	VOR-A	3	KSCA	SIDNEY	OH (US)
IAP	ILS OR LOC RWY 24		KSGH	SPRINGFIELD	OH (US)
IAP	NDB RWY 24		KSGH	SPRINGFIELD	OH (US)
IAP	VOR/DME RWY 33		KSGH	SPRINGFIELD	OH (US)
IAP	HI-ILS OR LOC RWY 07		KTOL	TOLEDO	OH (US)
IAP	HI-ILS OR LOC RWY 25		KTOL	TOLEDO	OH (US)
IAP	HI-TACAN RWY 07		KTOL	TOLEDO	OH (US)
IAP	HI-TACAN RWY 25		KTOL	TOLEDO	OH (US)
IAP	RNAV (GPS) RWY 20		KI74	URBANA	OH (US)
IAP	VOR-A	1	KI74	URBANA	OH (US)
IAP	RNAV (GPS) RWY 27		KVES	VERSAILLES	OH (US)
IAP	VOR-A		KAXV	WAPAKONETA	OH (US)
STAR	WATSN (RNAV)		KORD	CHICAGO	IL (US)
STAR	CLANG		KEYE	INDIANAPOLIS	IN (US)
STAR	CLANG		KIND	INDIANAPOLIS	IN (US)
STAR	CLANG		KMQJ	INDIANAPOLIS	IN (US)
STAR	REDSTONE		KJVV	JEFFERSONVILLE	IN (US)
STAR	CINCE		KCVG	COVINGTON	KY (US)
STAR	HEDEE		KK62	FALMOUTH	KY (US)
STAR	REDSTONE		KLOU	LOUISVILLE	KY (US)
STAR	REDSTONE		KSDF	LOUISVILLE	KY (US)
STAR	GEMNI		KDTW	DETROIT	MI (US)
STAR	WEEDA		KDTW	DETROIT	MI (US)
STAR	HEDEE		KI69	BATAVIA	OH (US)
STAR	HEDEE		KLUK	CINCINNATI	OH (US)
STAR	GUNNE		KCMH	COLUMBUS	OH (US)
STAR	GUNNE		KLCK	COLUMBUS	OH (US)
STAR	GUNNE		KOSU	COLUMBUS	OH (US)
STAR	GUNNE		KTZR	COLUMBUS	OH (US)
STAR	HEDEE		KHAO	HAMILTON	OH (US)
STAR	GUNNE		KLHQ	LANCASTER	OH (US)
STAR	GUNNE		KVTA	NEWARK	OH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 29

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

ZABER STAR CANCELLED 9-13-2018.

OBRLN DEPARTURE CANCELLED 9-13-2018.

DEVELOPED BY: **DATE:** 04/05/2018

OFFICE: AJV-5400

NAME: LONNIE EVERHART (JOSHUA DUGAN)

APPROVED BY: **DATE:**

OFFICE: AJV-5400

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZID

ATC FACILITY: COLUMBUS APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ROSSY **STATE:** OH **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 401607.77N/0843606.14W **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	FAC FEET	MRA	MAA
1	DAYTON	DQN	VOR/DME	L	329.15	328.15	17.83	17.83		2800	17500
2	ROSEWOOD	ROD	VORTAC	H	272.64	267.64	25.68	25.68		2800	17500

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

REMARKS:

ROSEWOOD (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V210	1, 2				(US)
EN ROUTE	V55	1, 2				(US)
IAP	RNAV (GPS) RWY 8			K117	PIQUA	OH (US)
IAP	RNAV (GPS) RWY 10			KSCA	SIDNEY	OH (US)
IAP	RNAV (GPS) RWY 27			KVES	VERSAILLES	OH (US)
IAP	RNAV (GPS) RWY 9			KVES	VERSAILLES	OH (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 11/12/2015

REASON FOR REVISION:

CHANGED AIRPORT IDENT FOR SIDNEY MUNI FROM K112 TO KSCA.
 ADDED REMARK: ROSEWOOD (FAC 2) USED TO ESTABLISH FIX COORDINATES.

DEVELOPED BY: **DATE:** 01/30/2015 **OFFICE:** AJV-353 **NAME:** BETTY RICHARDS

APPROVED BY: **DATE:** 10/06/2015 **OFFICE:** AJV-353 **NAME:** GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZID
 ATC FACILITY: DAY ATCT, CMH APP CON
 OTHER: