

<b>NAME:</b> BONEE	<b>STATE:</b> OH	<b>COUNTRY:</b> US	<b>ICAO REGION CODE:</b> K5
<b>LATITUDE/LONGITUDE:</b> 400308.85N/0835656.15W	<b>TYPE:</b> WP, INT, DME		
<b>AIRSPACE DOCKET:</b> 16-AGL-30	<b>FIX TYPE OF ACTION:</b> NO CHANGE		

EXAMINEE INFORMATION:										
FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	DAYTON	I-VUQ	LOC/DME		061.35	055.35	16.79	16.81	2800	5400
2	DAYTON	DQN	VOR/DME	L	084.89	083.89	20.76	20.76	2800	17500
3	ROSEWOOD	ROD	VORTAC	H	167.91	162.91		14.76	2800	17500

**HOLDING TYPE OF ACTION:** NO CHANGE

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	241.57	061.57	R		4	3000	4000	5	5

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	400648 00N/0835742 00W	1447	4F

HOLDING LIMITED TO ESTABLISHED PATTERN.

DAYTON (FAC 2) AND ROSEWOOD (FAC 3) USED TO ESTABLISH FIX COORDINATES  
I-VUQ DME COORDINATES: 395335.02N/0841453.82W.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
HOLDING PATTERN 1 DEVELOPED AND FLIGHT VALIDATED BY 3RD PARTY PROCEDURE DEVELOPER (GE/NAVERUS).

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T217					(US)
IAP	ILS OR LOC RWY 24R	1, 2, 3		KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) Z RWY 24R			KDAY	DAYTON	OH (US)
IAP	RNAV (RNP) Y RWY 6L		1	KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 25			KI19	DAYTON	OH (US)
IAP	VOR RWY 25	2, 3		KI19	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 9			KUYF	LONDON	OH (US)
IAP	RNAV (GPS) RWY 26			KI17	PIQUA	OH (US)
IAP	RNAV (GPS) RWY 28			KSCA	SIDNEY	OH (US)

**REQUIRED CHARTING:** IAP, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT: NO**

RECORD REVISION NUMBER: 14

**DATE OF REVISION:** 09/13/2018

REMOVED V12 FROM FIX USE.

INITIATED BY:                      DATE:                      ORGANIZATION:                      NAME:

**DEVELOPED BY:** **DATE:** 02/26/2018 **OFFICE:** AJV-5422 **NAME:** LUCAS MCCLOUD

**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:** ETTAF

**STATE:** OH

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 401407.43N/0840133.44W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) RWY 28

**FAC**

**PAT**

**AIRPORT IDENT**  
KSCA

**CITY**  
SIDNEY

**STATE**  
OH (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 11/12/2015

**REASON FOR REVISION:**

CHANGED AIRPORT IDENT FROM KI12 TO KSCA  
FIX MOVED 86.30 FT EAST.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 01/29/2015

**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:** CMH APP CON  
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: NYIIM

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 401344.90N/0835504.12W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN MAX	TEMPLATES MIN MAX
1	E		WP	099.35	279.35	R	4	3000	6000	5 6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	401503.00N/0834206.00W	1565	4E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 10		1	KSCA	SIDNEY	OH (US)
IAP	RNAV (GPS) RWY 28		1	KSCA	SIDNEY	OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/12/2015

## REASON FOR REVISION:

CHANGED SIDNEY MUNI, OH AIRPORT ID FROM KI12 TO KSCA

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/27/2015

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: CMH 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
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
UPN	200	TOWER (39-002629)	400822.15N/0835750.07W	1630	2C

**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.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**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:** WAGIH

**STATE:** OH

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 400832.83N/0835109.40W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) RWY 28

**FAC**

**PAT**

**AIRPORT IDENT**  
KSCA

**CITY**  
SIDNEY

**STATE**  
OH (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 11/12/2015

**REASON FOR REVISION:**

CHANGED SIDNEY MUNI, OH AIRPORT ID FROM KI12 TO KSCA

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 01/27/2015

**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: CMH APP CON  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: ZIDNI

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 401517.33N/0842224.69W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN MAX	TEMPLATES MIN MAX
1	W		WP	279.06	099.06	R	4	3000	6000	5 6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-001435)	401303.00N/0841737.00W	1482	5D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 10		1	KSCA	SIDNEY	OH (US)
IAP	RNAV (GPS) RWY 28		1	KSCA	SIDNEY	OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/12/2015

## REASON FOR REVISION:

CHANGED AIRPORT IDENT FOR SIDNEY MUNI FROM K112 TO KSCA

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

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: CMH APP CON  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ZIRIT

**STATE:** OH

**COUNTRY:** US

**ICAO REGION CODE:** K5

**LATITUDE/LONGITUDE:** 401422.12N/0840550.99W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) RWY 28

**FAC**

**PAT**

**AIRPORT IDENT**  
KSCA

**CITY**  
SIDNEY

**STATE**  
OH (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 11/12/2015

**REASON FOR REVISION:**

CHANGED SIDNEY MUNI, OH AIRPORT ID FROM KI12 TO KSCA

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 01/27/2015

**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: CMH APP CON  
OTHER: