

RADIO FIX AND HOLDING DATA RECORD

NAME: KIRON **STATE:** OH **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 401131.28N/0841316.71W **TYPE:** WP, 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	MRA	MAA
1	DAYTON	I-DAY	LOC		004.52	358.52		18.04	3000	5500
2	ROSEWOOD	ROD	VORTAC	H	240.02	235.02	10.00	10.00	3000	5500

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 MIN	MAX	TEMPLATES MIN	MAX
1	N		WP	004.51	184.51	R		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 RESTRICTED TO ESTABLISHED PATTERN

REMARKS:

1. PRECIPITOUS TERRAIN EVALUATION COMPLETED.
2. I-DAY (FAC 1) AND ROD (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 18	1, 2		KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 18		1	KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 36			KDAY	DAYTON	OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 12/05/2019

REASON FOR REVISION:

1. CHANGED ROSEWOOD FIX MAKEUP BEARINGS FROM 240.01/235.01 TO 240.02/235.02

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** MATTHEW FULKS

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: DAY ATCT
OTHER:

QUALITY
6
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MIDWEST VOR/DME

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 392546.90N/0834804.46W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	MIDWEST	MXQ	VOR/DME	T							12000

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC/DME RWY 20			KMGY	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 23			KAMT	WEST UNION	OH (US)
IAP	ILS OR LOC RWY 22L			KILN	WILMINGTON	OH (US)
IAP	ILS OR LOC RWY 22R			KILN	WILMINGTON	OH (US)
IAP	ILS OR LOC RWY 4L			KILN	WILMINGTON	OH (US)
IAP	ILS OR LOC RWY 4R			KILN	WILMINGTON	OH (US)
IAP	ILS RWY 22L (CAT II)			KILN	WILMINGTON	OH (US)
IAP	ILS RWY 22R (CAT II - III)			KILN	WILMINGTON	OH (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 11/08/2018

REASON FOR REVISION:

REMOVED KI19 VOR RWY 07 AND KI19 VOR RWY 25 FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

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

QUALITY
6
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SOWAP **STATE:** OH **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 392836.00N/0835142.72W **TYPE:** INT, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CINCINNATI	CVG	VORTAC	L	058.59	054.59	47.97	47.97		4000	17500
2	MIDWEST	MXQ	VOR/DME	T	319.00	315.00	3.98	3.98		4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CVG	VORTAC	R-059	48	4000	17500

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 ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE	CVG	VORTAC	058.59	238.59	R	1		4000	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-002148)	392906.20N/0834758.70W	1494	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

CINCINNATI (FAC 1) AND MIDWEST (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V5	1, 2				(US)
IAP	ILS OR LOC RWY 18	1, 2	1	KDAY	DAYTON	OH (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 12/05/2019

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** MATTHEW FULKS

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: DAY
OTHER:

QUALITY
6
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 395011.55N/0835041.84W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA FEET	MAA
1	SPRINGFIELD	SGH	VOR/DME	T						13000

HOLDING: HOLDING TYPE OF ACTION: CANCEL

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	NE	SGH	VOR/DME	056.00	236.00	L	1	3000 6000	4 5
2	SW	SGH	VOR/DME	245.90	065.90	R	1	3000 6000	4 5
3	SE	SGH	VOR/DME	143.00	323.00	R	1	3000 6000	4 5
4	SE	SGH	VOR/DME	117.12	297.12	R	1	3100 6000	4 5
5	NE	SGH	VOR/DME	041.15	221.15	R	1	3000 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-073839)	395151.03N/0833915.00W	1362	1A
2	200	TOWER (39-000595)	394546.00N/0835259.00W	1404	4D
3	200	TOWER (39-000417)	395432.48N/0835138.13W	1492	2C
4	200	TOWER (39-002693)	394904.00N/0833846.00W	1509	5D
5	200	TOWER (39-001572)	395711.00N/0835207.00W	1535	3C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: W4 1985.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	T217					OH (US)
IAP	ILS OR LOC RWY 18		4	KDAY	DAYTON	OH (US)
IAP	LOC/DME RWY 20			KMGY	DAYTON	OH (US)
IAP	VOR RWY 6		2	KSGH	SPRINGFIELD	OH (US)
IAP	VOR/DME RWY 33		3	KSGH	SPRINGFIELD	OH (US)
IAP	VOR-A			KI74	URBANA	OH (US)
IAP	ILS OR LOC RWY 22R			KILN	WILMINGTON	OH (US)
IAP	ILS OR LOC RWY 4L			KILN	WILMINGTON	OH (US)
IAP	ILS RWY 22R (CAT II/III)			KILN	WILMINGTON	OH (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	DANEI			KMGY	DAYTON	OH (US)
STAR	DANEI			KMWO	MIDDLETOWN	OH (US)
STAR	DANEI			KSGH	SPRINGFIELD	OH (US)
STAR	DANEI			KSGH	SPRINGFIELD	OH (US)
STAR	KEKEE			KSGH	SPRINGFIELD	OH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 11/08/2018

REASON FOR REVISION:

REMOVE KI19 VOR RWY 25 AND VOR RWY 7 FROM FIX USE.
UPDATED CONTROLLING OBSTACLES FOR PATS 3, 4, AND 5.

7/31/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/23/2018:

1. REMOVED KSGH - ILS OR LOC RWY 24 FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

QUALITY
6
CHECKED

OFFICE OF PRIMARY RESPONSIBILITY:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: DAY APP CON
OTHER: SGH ATCT

QUALITY
6
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WALMA

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 395955.38N/0841253.23W

TYPE: WP, INT

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	DAYTON	I-DAY	LOC		004.52	358.52		6.45	39173	2600	5500
2	DAYTON	DQN	VOR/DME	L	098.16	097.16		8.46		2600	5500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DAYTON (FAC 1) AND DAYTON (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 18	1, 2		KDAY	DAYTON	OH (US)
IAP	RNAV (GPS) RWY 18			KDAY	DAYTON	OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

1. MOVED WALMA 393.85 FEET NORTH TO MEET CRITERIA

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: MATTHEW FULKS

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: DAY
OTHER:

QUALITY
6
CHECKED