

RADIO FIX AND HOLDING DATA RECORD

NAME: BOWLING GREEN DME

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 365752.00N/0862524.00W

TYPE:

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	FEET	MRA	MAA
1	BOWLING GREEN	BWG	DME	DH							45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ASSIGNED FAC MAG VAR 2E/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHCLL (RNAV)			KCVG	COVINGTON	KY (US)
IAP	ILS Y OR LOC Y RWY 3			KBWG	BOWLING GREEN	KY (US)
IAP	ILS Z OR LOC Z RWY 3			KBWG	BOWLING GREEN	KY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 29

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. COORDINATES CHANGED FROM 365543.47N/0862636.36W TO 365752.00N/0862524.00W DME RELOCATED ONTO KBWG ARPT PROPERTY (2.35 NM NE).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: WILLIAM MELTON

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Nov 14, 2024

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NOORA LOM

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 365247.77N/0862852.97W

TYPE: DME

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	NOORA	BW	LOM								5000
2	BOWLING GREEN	I-BWG	LOC		213.89	209.89		6.74	40945	2400	5000
3	BOWLING GREEN	BWG	DME	DH			5.79	5.79		2400	5000

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	SW	BW	LOM	213.89	033.89	R	1	2400	5000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (21-000249)	364423.32N/0863422.40W	1000	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE NOORA LOM.
ACTUAL FACILITY LOCATION IS 365248.13N/0862853.75W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 4 DEGREES WEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Z OR LOC Z RWY 3	3		KBWG	BOWLING GREEN	KY (US)
IAP	ILS Y OR LOC Y RWY 3	3	1	KBWG	BOWLING GREEN	KY (US)
IAP	NDB RWY 3			KBWG	BOWLING GREEN	KY (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. CHANGED CENTERLINE ABEAM COORDINATES FROM 365247.53N/0862853.11W TO 365247.77N/0862852.97W
2. CHANGED FAC 2 MAG/TRUE BRG FROM 213.88/209.88 TO 213.89/209.89.
3. CHANGED FAC 3 DME AND DIST FROM FAC FROM 3.45 TO 5.79.
4. ADDED PAT 1 CONTROLLING OBSTACLE DATA.
5. CHANGED PAT 1 RAD/CRS/BRG & CRS INBOUND FROM 213.88/033.88 TO 213.89/033.89.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: WILLIAM MELTON

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A423

NAME: MICHAEL GARRITY

SIGNATURE:

Digitally signed by

ALLAN WILL

Nov 14, 2024

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SPARE

STATE: TN

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 363702.94N/0865406.52W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

IAP

IAP

USE TITLE

COPTER NDB 303

RNAV (GPS) RWY 20

FAC

PAT

AIRPORT IDENT

KEOD

KJWN

CITY

FORT CAMPBELL(CLARКСVILLE)

NASHVILLE

STATE

TN (US)

TN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. FIX USE: DELETED KBWG ILS Y OR LOC Y RWY 3.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: WILLIAM MELTON

APPROVED BY:

DATE: 09/05/2024

OFFICE: AVJ-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Nov 14, 2024

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TANDS

STATE: TN

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 363212.96N/0863348.65W

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	FEET	MRA	MAA
1	NASHVILLE	BNA	VORTAC	VH	015.75	013.75	24.68	24.68		4000	17500
2	LIVINGSTON	LVT	VOR/DME	VL	270.00	268.00		67.58		4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LVT	VOR/DME	R-270	68	4000	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	N	BNA	VORTAC	015.75	195.75	L	1		4000	17500	6	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (47-000250)	362805.15N/0862841.31W	1506	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 PROVIDES SEPARATION FROM DEPARTURE ROUTE

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

LIVINGSTON (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 2C	1, 2	1	KBNA	NASHVILLE	TN (US)
IAP	RNAV (GPS) RWY 20C			KBNA	NASHVILLE	TN (US)
IAP	RNAV (GPS) Y RWY 20L			KBNA	NASHVILLE	TN (US)
IAP	RNAV (GPS) Y RWY 20R			KBNA	NASHVILLE	TN (US)
IAP	RNAV (GPS) RWY 20			KJWN	NASHVILLE	TN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. FIX USE: DELETED ILS Y OR LOC Y RWY 3
2. BNA VORTAC CLASS CHANGED FROM H TO VH.
3. HOLDING RESTRICTIONS: ADDED HOLDING LIMITED TO ESTABLISHED PATTERN.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: WILLIAM MELTON

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A423

NAME: MATTHEW GALLANT

SIGNATURE:

Digitally signed by

ALLAN WILL

Nov 14, 2024

QUALITY
20
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RADIO FIX AND HOLDING DATA RECORD

NAME: WEDVO

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 364722.08N/0863245.14W

TYPE: WP, 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	MRA	MAA
1	BOWLING GREEN	I-BWG	LOC		213.89	209.89		12.98	2400	5000
2	BOWLING GREEN	BWG	DME	DH			12.03	12.03	2400	5000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	213.81	033.81	R		4	2400	6000	5	6
2	SW	BWG	DME	213.89	033.89	R	1		2400	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (21-001025)	364115.00N/0862911.00W	1116	5D
2	200	TOWER (21-001703)	364208.63N/0863318.97W	1086	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

BOWLING GREEN (FAC 1) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Z OR LOC Z RWY 3	1, 2	2	KBWG	BOWLING GREEN	KY (US)
IAP	ILS Y OR LOC Y RWY 3	1, 2		KBWG	BOWLING GREEN	KY (US)
IAP	RNAV (GPS) RWY 21		1	KBWG	BOWLING GREEN	KY (US)
IAP	RNAV (GPS) RWY 3		1	KBWG	BOWLING GREEN	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. CHANGED FAC 1 MAG/TRU BRG FROM 213.88/209.88 TO 213.89/209.89.
2. CHANGED FAC 2 TO DME DH.
3. CHANGED FAC 2 DME FROM 9.69 TO 12.03.
4. ADDED FAC 2 DIST FROM FAC 12.03 NM.
5. HOLDING PATTERNS: ADDED PAT 2.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: WILLIAM MELTON

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A423

NAME: MICHAEL GARRITY

SIGNATURE:

Digitally signed by

ALLAN WILL

Nov 14, 2024

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZELUL

STATE: KY

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 365604.80N/0862632.06W

TYPE: 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	BOWLING GREEN	I-BWG	LOC		213.89	209.89		3.00	960	5000
2	BOWLING GREEN	BWG	DME	DH			2.00	2.00	960	5000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BOWLING GREEN (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS Z OR LOC Z RWY 3	2		KBWG	BOWLING GREEN	KY (US)
IAP	ILS Y OR LOC Y RWY 3	2		KBWG	BOWLING GREEN	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

- COORDINATES CHANGED FROM 365622.63N/0862619.25W TO 365604.80N/0862632.06W.
- CHANGED FAC 1 MAG/TRUE BRG FROM 213.88/209.88 TO 213.89/209.89.
- CHANGED FAC 1 DISTANCE FROM FAC FROM 2.60 TO 3.0.
- CHANGED FAC 2 FROM VORTAC, CLASS H TO DME, CLASS DH.
- FIX MAKE-UP: FAC 2; CHANGED DME FROM 0.70 TO 2.00.
- FIX MAKE-UP: FAC 2: ADDED DIST FROM FAC 2.00 NM.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: WILLIAM MELTON

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A443

NAME: MICHAEL GARRITY

SIGNATURE:

Digitally signed by

ALLAN WILL

Nov 14, 2024

QUALITY
20
CHECKED