

RADIO FIX AND HOLDING DATA RECORD

NAME: BOBSS

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 401741.78N/0764500.73W

TYPE: WP, 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	FEET	MRA	MAA
1	RAVINE	RAV	VORTAC	L	215.08	204.08		16.97		3000	17500

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	234.33	054.33	R		6	2900	6000	7	8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	175	TOWER (42-020438)	401130.60N/0765204.00W	1335	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

RAVINE (FAC 1) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETE.
CHART SECTIONAL ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T299					(US)
EN ROUTE	V162	1				(US)
IAP	COPTER RNAV (GPS) 054°		1	KMUI	FORT INDIANTOWN GAP(ANNVILLE)	PA (US)

REQUIRED CHARTING: SECTIONAL, MILITARY IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

1. TYPE: DELETED INT TYPE.
2. FIX MAKE-UP: REMOVED FAC 1 (EAST TEXAS), RAVINE (RAV) NOW FAC 1.
3. HOLDING OBSTACLE: REPLACED WITH NEW SURVEYED OBSTACLE.
4. REMARKS: REVISED REMARK ESTABLISHING FIX COORDINATES.
5. FIX USE: REPLACED FAC 1 (EAST TEXAS) AND REPLACED WITH RAVINE (RAV) AS FAC 1 ONLY.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TODD DAMRON

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

DAVID DANNER

May 15, 2025

QUALITY
13
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DUMMR

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 402810.68N/0760640.18W

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	FEET	MRA	MAA
1	RAVINE	RAV	VORTAC	L	113.51	102.51	22.90	22.90		3000	17500
2	LANCASTER	LRP	VOR/DME	L	030.47	021.47		22.54		3000	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	SE	RAV	VORTAC	113.51	293.51	R	1		3000	6000	5	6
2	SE		WP	114.51	294.51	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	403209.00N/0761018.00W	1874	4E
1	310	TOWER (42-002541)	403145.50N/0761232.30W	1914	4D
2	200	AAO	403209.00N/0761018.00W	1874	4E
2	310	TOWER (42-002541)	403145.50N/0761232.30W	1914	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

RAVINE (FAC 1) AND LANCASTER (FAC 2) USED TO ESTABLISH FIX COORDINATES.
CHART ON SECTIONAL - ATC REQUEST.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T295					(US)
EN ROUTE	T299					(US)
EN ROUTE	T438					(US)
EN ROUTE	V162	2				(US)
EN ROUTE	V276	1, 2				(US)
EN ROUTE	V93	1, 2				(US)
IAP	RNAV (GPS) RWY 13			KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 24			KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 31			KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 6			KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 25			08N	LEBANON	PA (US)
IAP	ILS OR LOC RWY 36	1, 2	1	KRDG	READING	PA (US)
IAP	RNAV (GPS) RWY 36		2	KRDG	READING	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

1. FIX MAKE-UP: REMOVED FAC 3 (EAST TEXAS).
2. FIX USE: REMOVED FAC FROM V162, V276, AND V93.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TODD DAMRON

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

DAVID DANNER

May 15, 2025

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RADIO FIX AND HOLDING DATA RECORD

NAME: HWANG

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 402432.60N/0761949.08W

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 NM	FAC FEET	MRA	MAA
1	RAVINE	RAV	VORTAC	L	136.00	125.00	15.06	15.06		3000	17500
2	BELMGROVE	BZJ	NDB	MH	108.80	098.80		10.33		3300	6000

FIX RESTRICTIONS:

MCA T356 2600 NORTHWEST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

RAVINE (FAC 1) USED TO ESTABLISH FIX COORDINATES.
ATC REQUEST SECTIONAL CHARTING.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MUIR (COPTER)	1		KMUI	FORT INDIANTOWN GAP(ANNVILLE)	PA (US)
EN ROUTE	T299					(US)
EN ROUTE	T356					(US)
EN ROUTE	V162	1				(US)
EN ROUTE	V170	1				(US)
IAP	COPTER NDB Y-289	2		KMUI	FORT INDIANTOWN GAP(ANNVILLE)	PA (US)
IAP	COPTER NDB Z-289	1, 2		KMUI	FORT INDIANTOWN GAP(ANNVILLE)	PA (US)
IAP	COPTER RNAV (GPS) RWY 25			KMUI	FORT INDIANTOWN GAP(ANNVILLE)	PA (US)
IAP	NDB-A	1, 2		KMUI	FORT INDIANTOWN GAP(ANNVILLE)	PA (US)
IAP	RNAV (GPS) RWY 13			KRDG	READING	PA (US)

REQUIRED CHARTING: SECTIONAL, MILITARY IAP, MILITARY DP, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

1. FIX MAKE-UP: REMOVED FAC 1 EAST TEXAS (ETX).
2. FIX USE: UPDATED THE FACILITIES AFTER REMOVING "EAST TEXAS (ETX)".

INITIATED BY:

DATE:

ORGANIZATION:

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AJV-A423

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OFFICE: AJV-A423

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