

RADIO FIX AND HOLDING DATA RECORD

NAME: COLBE

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 381711.96N/0752456.18W

TYPE: WP, DME

AIRSPACE DOCKET: N

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	SALISBURY	I-SBY	LOC		138.69	126.69		6.14	37311	1600	4500
2	SALISBURY	SBY	TACAN	L	139.92	127.92	5.69	5.69		1600	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SALISBURY (FAC 1) AND SALISBURY (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 32	1, 2		SBY	SALISBURY	MD (US)
IAP	RNAV (GPS) RWY 32			SBY	SALISBURY	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

FIX MOVED 23 FEET FROM 381708.24N/0752449.84W TO 381711.96N/0752456.18W

FIX MAKE UP: FAC 1 MAG/TRUE BRG CHANGED FROM 138.68/126.68 TO 138.69/126.69, DIST TO FAC CHANGED FROM 6.23 NM/37849 FT TO 6.14 NM/37311 FT, MRA LOWERED FROM 1700 TO 1600.

FIX MAKE UP: FAC 2 MAG/TRUE BRG CHANGED FROM 139.90/127.90 TO 139.92/127.92, DIST TO FAC/DME CHANGED FROM 5.79 NM TO 5.69 NM, MRA LOWERED FROM 1700 TO 1600.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: NICHOLAS HEIDERSTADT

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WATERLOO VOR/DME

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 384835.32N/0751240.76W

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	WATERLOO	ATR	VOR/DME	VL						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	NE	ATR	VOR/DME	032.98	212.98		1	2000 6000	4 5
2	W		WP	254.01	074.01	R	4	2500 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (10-020303)	384658.55N/0750953.92W	426	5D
2	200	TOWER (10-000022)	384628.00N/0752032.00W	479	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

SECTIONAL CHARTING PER ATC REQUEST.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FACILITY MAG/VAR: 9W/1965

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GEORGETOWN			GED	GEORGETOWN	DE (US)
DP	HTDSH (RNAV)			ANE	MINNEAPOLIS	MN (US)
DP	TOTTZ (RNAV)			ANE	MINNEAPOLIS	MN (US)
DP	HTDSH (RNAV)			FCM	MINNEAPOLIS	MN (US)
DP	TOTTZ (RNAV)			FCM	MINNEAPOLIS	MN (US)
DP	HTDSH (RNAV)			MSP	MINNEAPOLIS	MN (US)
DP	TOTTZ (RNAV)			MSP	MINNEAPOLIS	MN (US)
DP	HTDSH (RNAV)			STP	ST PAUL	MN (US)
DP	TOTTZ (RNAV)			STP	ST PAUL	MN (US)
DP	ATLANTIC CITY			ACY	ATLANTIC CITY	NJ (US)
DP	LEEAH			MIV	MILLVILLE	NJ (US)
EN ROUTE	T303					(US)
EN ROUTE	V1					(US)
IAP	RNAV (GPS) -A			N06	LAUREL	DE (US)
IAP	ILS OR LOC RWY 04			ESN	EASTON	MD (US)
IAP	LOC RWY 32		1	OXB	OCEAN CITY	MD (US)
IAP	ILS OR LOC RWY 32		1	SBY	SALISBURY	MD (US)
IAP	RNAV (GPS) RWY 1		2	WWD	WILDWOOD	NJ (US)
IAP	RNAV (GPS) RWY 10			WWD	WILDWOOD	NJ (US)
IAP	RNAV (GPS) RWY 28		2	WWD	WILDWOOD	NJ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

- HOLDING: REMOVED PATTERN 3 AND CONTROLLING OBSTRUCTION FOR PATTERN 3.
- FIX USE: REMOVED IAPS VOR RWY 22 AND VOR RWY 4 AT GED, GEORGETOWN, DE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JAMIE KUNKLER

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: