

RADIO FIX AND HOLDING DATA RECORD

NAME: COLBE

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 381708.24N/0752449.84W

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	FAC FEET	MRA	MAA
1	SALISBURY	I-SBY	LOC		138.68	126.68		6.23	37849	1700	4500
2	SALISBURY	SBY	TACAN	L	139.90	127.90	5.79	5.79		1700	4500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

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		KSBY	SALISBURY	MD (US)
IAP	RNAV (GPS) RWY 32			KSBY	SALISBURY	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

1. REMOVED FIX TYPE: INT.
2. MOVED FIX 0.85 NORTHWEST.
3. UPDATED FIX MAKE-UP FACILITY: SALIBURY (I-SBY) LOC MAG/TRUE BRG FROM 138.69/126.69 TO 138.68/126.68; DIST FROM FAC FROM 7.08NM/42994 FEET TO 6.23NM/37849 FEET; MRA FROM 2000 TO 1700.
4. UPDATED FIX MAKE-UP FACILITY: SALISBURY (SBY) TYPE FROM VORTAC TO TACAN; MAG/TRUE BRG FROM 139.74/127.74 TO 139.90/127.90; DME FROM 6.64 TO 5.79; DIST FROM FAC FROM 6.64NM TO 5.79NM; MRA FROM 2000 TO 1700.
5. REMOVED FIX MAKE-UP FACILITY: SNOW HILL (SWL) VORTAC.
6. REMOVED HOLDING PATTERN 1, CONTROLLING OBSTACLE, ASSOCIATED RESTRICTION, REMARKS AND REASON FOR NONSTANDARD HOLDING.
7. REMARKS: REMOVED RNP PFAF FORMULA USED TO ESTABLISH FIX; ADDED SALISBURY (FAC 1) AND SALISBURY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
8. UPDATED FIX USE: KSBY ILS OR LOC RWY 32 FAC FROM 1,2,3 TO 1,2.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Apr 01, 2025

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FRYER

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 381258.41N/0751746.11W

TYPE: WP, INT, DME

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	MAA
1	SALISBURY	I-SBY	LOC		138.69	126.69		13.18	2000	4500
2	SALISBURY	SBY	VORTAC	L	139.23	127.23	12.74	12.74	2000	4500
3	SNOW HILL	SWL	VORTAC	L	047.65	039.65		12.43	2000	4500

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	SE		WP	138.81	318.81	R		4	2000	4500	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (24-000896)	381257.55N/0751920.11W	535	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 32	1, 2, 3		KSBY	SALISBURY	MD (US)
IAP	RNAV (GPS) RWY 14		1	KSBY	SALISBURY	MD (US)
IAP	RNAV (GPS) RWY 32		1	KSBY	SALISBURY	MD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 01/30/2020

REASON FOR REVISION:

FIX USE; ADDED IAP RNAV (GPS) RWY 14, PAT 1.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: GORDON LEMON

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: NHK APP CON, SBY TOWER
OTHER:

Digitally signed by
CASIMIR L TABAKA
Apr 01, 2025



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	L							17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE	ATR	VOR/DME	032.98	212.98	R	1		2000	6000	4	5
2	W		WP	254.01	074.01	R		4	2500	6000	5	6
3	NE	ATR	VOR/DME	052.74	232.74	R	1		2100	6000	4	5

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
3	200	WINDMILL (10-020303)	384658.55N/0750953.92W	426	5D

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			KGED	GEORGETOWN	DE (US)
DP	ATLANTIC CITY			KACY	ATLANTIC CITY	NJ (US)
DP	LEEAH			KMIV	MILLVILLE	NJ (US)
EN ROUTE	T303					(US)
EN ROUTE	V1					(US)
IAP	VOR RWY 22		1	KGED	GEORGETOWN	DE (US)
IAP	VOR RWY 4		3	KGED	GEORGETOWN	DE (US)
IAP	RNAV (GPS) -A			N06	LAUREL	DE (US)
IAP	ILS OR LOC RWY 04			KESN	EASTON	MD (US)
IAP	LOC RWY 32		1	KOXB	OCEAN CITY	MD (US)
IAP	ILS OR LOC RWY 32		1	KSBY	SALISBURY	MD (US)
IAP	RNAV (GPS) RWY 1		2	KWWD	WILDWOOD	NJ (US)
IAP	RNAV (GPS) RWY 10			KWWD	WILDWOOD	NJ (US)
IAP	RNAV (GPS) RWY 28		2	KWWD	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: 22

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

1. ADDED FIX USE: KSBY ILS OR LOC RWY 32.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Apr 01, 2025

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