

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:

Digitally signed by
APRIL T SARMENTO

Jul 01, 2026



RADIO FIX AND HOLDING DATA RECORD

NAME: WEBIX

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 383221.66N/0753225.08W

TYPE: 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	WATERLOO	ATR	VOR/DME	L	232.74	223.74	22.40	22.40	2100	17500

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	SW	ATR	VOR/DME	232.74	052.74	L	1	2100 6000	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (10-020645)	383018.00N/0753836.00W	1048	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 REMAIN OUTSIDE OF DOVER AFB AIRSPACE

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	VOR RWY 4	1	1	GED	GEORGETOWN	DE (US)

REQUIRED CHARTING: IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/08/2018

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

APRIL T SARMENTO

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: DOV RAPCON
OTHER: NHK APP CON

Jul 01, 2026

QUALITY
8
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WONPA

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 383642.79N/0752708.72W

TYPE: 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	FAC FEET	MRA	MAA
1	WATERLOO	ATR	VOR/DME	L	232.74	223.74	16.40	16.40	99648	2000	17500

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR RWY 4	1		GED	GEORGETOWN	DE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/08/2018

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
APRIL T SARMENTO

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: DOV RAPCON
OTHER: NHK APP CON

Jul 01, 2026

QUALITY
8
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZEPTU

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 384100.86N/0752153.50W

TYPE: DME

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	WATERLOO	ATR	VOR/DME	L	232.74	223.74	10.45	10.45		440	17500

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	VOR RWY 4	1		GED	GEORGETOWN	DE (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/08/2018

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
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DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: DOV RAPCON
OTHER: NHK APP CON

QUALITY
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CHECKED