

RADIO FIX AND HOLDING DATA RECORD

NAME: ATLANTIC CITY VORTAC

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392721.15N/0743434.73W

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	ATLANTIC CITY	ACY	VORTAC	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	W	ACY	VORTAC	280.00	100.00	R	1		2000	17500	4	16
2	SE	ACY	VORTAC	120.00	300.00	R	1		2000	17500	4	16
3	SW	ACY	VORTAC	246.00	066.00	R	1		2000	17500	4	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (34-000648)	392738.00N/0744107.00W	359	3C
2	200	BLDG (34-000981)	392303.20N/0742541.50W	537	1A
3	200	TOWER (34-000101)	392235.79N/0743342.20W	371	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING BELOW 5000' OVERLIES ACY ILS COURSE.
ACY MAG VAR: 1970/W10

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ATLANTIC CITY			KACY	ATLANTIC CITY	NJ (US)
DP	LEEAH			KMIV	MILLVILLE	NJ (US)
EN ROUTE	T315					(US)
EN ROUTE	V184					(US)
EN ROUTE	V229					(US)
IAP	COPTER ILS OR LOC/DME RWY 13			KACY	ATLANTIC CITY	NJ (US)
IAP	HI-ILS Y OR LOC Y RWY 13			KACY	ATLANTIC CITY	NJ (US)
IAP	HI-VOR OR TACAN RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	ILS OR LOC/DME RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	ILS Z OR LOC Z RWY 13			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 13			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 4			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR/DME RWY 22			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR-B			N81	HAMMONTON	NJ (US)
IAP	RNAV (GPS) RWY 28			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 32			KMIV	MILLVILLE	NJ (US)
IAP	LOC RWY 19			KWWD	WILDWOOD	NJ (US)
IAP	RNAV (GPS) RWY 19			KWWD	WILDWOOD	NJ (US)
IAP	VOR -A			KWWD	WILDWOOD	NJ (US)
IAP	RNAV (GPS) RWY 19			KOBI	WOODBINE	NJ (US)
IAP	VOR-A			KOBI	WOODBINE	NJ (US)
STAR	CAMRN			KJFK	NEW YORK	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. REMOVED PALEO DP FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Feb 14, 2024

QUALITY
8
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DONIL

STATE: DE

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390435.44N/0751818.92W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 22-AEA-21

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	SEA ISLE	SIE	VORTAC	VH	276.40	267.40	23.62	23.62	4000	17500
2	SMYRNA	ENO	VORTAC	L	142.33	133.33		13.54	2000	17500
3	ATLANTIC CITY	ACY	VORTAC	L	246.43	236.43	40.88	40.88	2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ACY	VORTAC	R-246	41	2000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SECTIONAL ADDED PER ATC REQUEST

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DUKPN (RNAV)			KBWI	BALTIMORE	MD (US)
DP	DUKPN (RNAV)			KMTN	BALTIMORE	MD (US)
DP	DUKPN (RNAV)			KDMW	WESTMINSTER	MD (US)
EN ROUTE	T287					(US)
EN ROUTE	T315					(US)
EN ROUTE	V229	2, 3				(US)
EN ROUTE	V44	1, 2				(US)
IAP	RNAV (GPS) RWY 30			KRJD	RIDGELY	MD (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET NUMBER: 22-AEA-21.
2. UPDATED FIX MAKE-UP FACILITY: SEA ISLE (SIE) VORTAC CLASS FROM H TO VH.
3. REMOVED PALEO DP FROM FIX USE.
4. ADDED T287 TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Feb 14, 2024

QUALITY
8
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PALEO

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390140.78N/0762221.81W

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	MRA	MAA
1	SEA ISLE	SIE	VORTAC	VH	276.34	267.34	73.59	73.59	13500	17500
2	ARMEL	AML	VOR/DME	L	091.41	083.41	51.49	51.49	2500	29000
3	WESTMINSTER	EMI	VORTAC	VH	142.57	134.57		39.76	6500	17500
4	BALTIMORE	BAL	VORTAC	L	133.38	122.38	15.97	15.97	2200	45000
5	ANDREWS	ADW	VORTAC	L	070.05	060.05		26.63	2200	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SIE	VORTAC	R-276	74	13500	14600
AML	VOR/DME	R-091	52	2500	29000
BAL	VORTAC	R-133	16	22000	45000

FIX RESTRICTIONS:

MCA V44 13500 EASTBOUND

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	SW		WP	235.19	055.19	L		10	18000	39000	17	28

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

ARMEL (FAC 2) AND BALTIMORE (FAC 4) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HIGHER HOLDING ALTITUDES ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	NATIONAL			KDCA	WASHINGTON	DC (US)
DP	CAPITAL	2		KIAD	WASHINGTON	DC (US)
DP	PTOMC (RNAV)			KJYO	LEESBURG	VA (US)
EN ROUTE	V170	3, 4, 5				(US)
EN ROUTE	V312	3, 4, 5				(US)
EN ROUTE	V44	1, 3, 4, 5				(US)
STAR	PHLBO (RNAV)		1	KEWR	NEWARK	NJ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 27

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. REMOVED PALEO DP FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Feb 14, 2024

QUALITY
8
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SEA ISLE VORTAC STATE: NJ COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390543.83N/0744801.24W 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	SEA ISLE	SIE	VORTAC	VH							45000

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	SIE	VORTAC	055.66	235.66	R	1		1800	7000	4	8
2	SW		WP	231.51	051.51	R		4	2000	7000	4	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (34-000142)	390747.79N/0744716.08W	481	4D
2	200	TOWER (34-000067)	385658.47N/0745201.04W	630	1D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FACILITY MAGVAR: 1965/9W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SEA ISLE			KDOV	DOVER	DE (US)
DP	ATLANTIC CITY			KACY	ATLANTIC CITY	NJ (US)
EN ROUTE	B24					(US)
EN ROUTE	V139					(US)
EN ROUTE	V166					(US)
EN ROUTE	V284					(US)
EN ROUTE	V44					(US)
IAP	RNAV (GPS) Y RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	RNAV (RNP) Z RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 4			KACY	ATLANTIC CITY	NJ (US)
IAP	VOR/DME RWY 22			KACY	ATLANTIC CITY	NJ (US)
IAP	RNAV (GPS) RWY 28			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 32			KMIV	MILLVILLE	NJ (US)
IAP	GPS RWY 6		2	26N	OCEAN CITY	NJ (US)
IAP	LOC RWY 19		1	KWWD	WILDWOOD	NJ (US)
IAP	RNAV (GPS) RWY 10		2	KWWD	WILDWOOD	NJ (US)
IAP	VOR-A		1	KWWD	WILDWOOD	NJ (US)
STAR	CEDAR LAKE			KILG	WILMINGTON	DE (US)
STAR	CEDAR LAKE			KTTN	TRENTON	NJ (US)
STAR	CAMRN			KFRG	FARMINGDALE	NY (US)
STAR	CAMRN			KJFK	NEW YORK	NY (US)
STAR	BOUNO			KHPN	WHITE PLAINS	NY (US)
STAR	CEDAR LAKE			KMQS	COATESVILLE	PA (US)
STAR	CEDAR LAKE			KPHL	PHILADELPHIA	PA (US)
STAR	CEDAR LAKE			KPNE	PHILADELPHIA	PA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23 DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. REMOVED PALEO DP FROM FIX USE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: BARBARA GORMAN
APPROVED BY:	DATE: 07/11/2024	OFFICE: AJV-A432	NAME: CASIMIR TABAKA
SIGNATURE:		CASIMIR L TABAKA	
		Feb 14, 2024	

QUALITY
8
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SMYRNA VORTAC STATE: DE COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 391353.93N/0753057.49W 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	SMYRNA	ENO	VORTAC	L							45000

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	W	ENO	VORTAC	250.66	070.66	L	1		1600	6000	5	7
2	E	ENO	VORTAC	088.40	268.40	R	1		1500	6000	5	7
3	W		WP	254.94	074.94	L		10	24000	45000	20	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (10-000007)	391202.13N/0753351.44W	233	4D
2	230	TOWER (10-000007)	391202.13N/0753351.44W	233	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 SEPARATION WITH DOVER AFB TRAFFIC
 PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

SECTIONAL CHARTING PER ATC REQUEST
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1 FOR ATC USE.
 FACILITY MAGVAR: 9W/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CAPITAL			KIAD	WASHINGTON	DC (US)
DP	ATLANTIC CITY			KACY	ATLANTIC CITY	NJ (US)
DP	LEEAH			KMIV	MILLVILLE	NJ (US)
DP	PHILADELPHIA			KPHL	PHILADELPHIA	PA (US)
EN ROUTE	Q127		3			(US)
EN ROUTE	T224					(US)
EN ROUTE	T335					(US)
EN ROUTE	T358					(US)
EN ROUTE	T416					(US)
EN ROUTE	T447					(US)
EN ROUTE	V16					(US)
EN ROUTE	V213					(US)
EN ROUTE	V268					(US)
EN ROUTE	V29					(US)
EN ROUTE	V379					(US)
IAP	TACAN RWY 1			KDOV	DOVER	DE (US)
IAP	RNAV (GPS) RWY 9			33N	DOVER/CHESWOLD	DE (US)
IAP	VOR RWY 27		2	33N	DOVER/CHESWOLD	DE (US)
IAP	RNAV (GPS) Y RWY 35			KEVY	MIDDLETOWN	DE (US)
IAP	RNAV (GPS) Z RWY 35			KEVY	MIDDLETOWN	DE (US)
IAP	VOR RWY 27			KILG	WILMINGTON	DE (US)
IAP	VOR RWY 9			KILG	WILMINGTON	DE (US)
IAP	ILS OR LOC RWY 33			KMTN	BALTIMORE	MD (US)
IAP	RNAV (GPS) RWY 33			KMTN	BALTIMORE	MD (US)
IAP	ILS OR LOC RWY 4			KESN	EASTON	MD (US)
IAP	RNAV (GPS)-B			58M	ELKTON	MD (US)
IAP	HI-ILS Y OR LOC Y RWY 13			KACY	ATLANTIC CITY	NJ (US)
IAP	HI-VOR OR TACAN RWY 31			KACY	ATLANTIC CITY	NJ (US)
IAP	ILS OR LOC RWY 10			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 10			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 32			KMIV	MILLVILLE	NJ (US)
IAP	RNAV (GPS) RWY 19			KWWD	WILDWOOD	NJ (US)
STAR	ARLFT (RNAV)			KDOV	DOVER	DE (US)
STAR	ARLFT (RNAV)			33N	DOVER/CHESWOLD	DE (US)
STAR	ARLFT (RNAV)			KILG	WILMINGTON	DE (US)
STAR	PROUD (RNAV)			KLGA	NEW YORK	NY (US)

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

QUALITY
16
CHECKED

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 38

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. FIX USE: REMOVED DP PALEO AND SWANN; UPDATED KMTN ILS RWY 33 TO ILS OR LOC RWY 33.

06/14/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 02/14/2024.

1. DELETED KEVY - NDB-A FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by

ERIC N SUSKI

Jun 14, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: SPEAK

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390329.31N/0754445.94W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 22-AEA-21

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	SEA ISLE	SIE	VORTAC	VH	276.40	267.40	44.25	44.25	7000	45000
2	SMYRNA	ENO	VORTAC	L	235.00	226.00	14.95	14.95	7000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SIE	VORTAC	R-276	45	7000	14600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ESV IS FOR DME CLASS H PORTION OF THE SIE VORTAC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DUKPN (RNAV)			KBWI	BALTIMORE	MD (US)
DP	DUKPN (RNAV)			KMTN	BALTIMORE	MD (US)
DP	DUKPN (RNAV)			KDMW	WESTMINSTER	MD (US)
EN ROUTE	T287					(US)
EN ROUTE	V44	1, 2				(US)
STAR	PROUD			KLGA	NEW YORK	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET NUMBER: 22-AEA-21.
2. REMOVED PALEO DP FROM FIX USE.
3. ADDED T287 TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: BARBARA GORMAN

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Feb 14, 2024

