

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: 21-ANE-5

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	PALEO			KBWI	BALTIMORE	MD (US)
DP	ATLANTIC CITY			KACY	ATLANTIC CITY	NJ (US)
DP	LEEAH			KMIV	MILLVILLE	NJ (US)
EN ROUTE	T315					(US)
EN ROUTE	V184					(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: 18

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

1. AIRSPACE DOCKET: UPDATED FROM "21-AEA-22" TO "21-ANE-5"
2. CONTROLLING OBSTRUCTIONS: PAT 3 ACCURACY CODE UPDATED FROM "5D" TO "4D"
3. FIX USE: REMOVED "V229" AND "KLGA KORRY STAR"; UPDATED KACY USE TITLES FROM "HI-ILS OR LOC RWY 13" TO "HI-ILS Y OR LOC Y RWY 13", "HI-VOR/DME OR TACAN RWY 31" TO "HI-VOR OR TACAN RWY 31", AND "ILS OR LOC RWY 13" TO "ILS Z OR LOC Z RWY 13"

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SMITS

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 392915.00N/0742035.14W

TYPE: WP, RADAR, 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	FEET	MRA	MAA
1	ATLANTIC CITY	ACY	VORTAC	L	090.00	080.00	11.00	11.00		2000	17500
2	COYLE	CYN	VORTAC	H	178.25	168.25		20.20		2000	17500
3	CEDAR LAKE	VCN	VOR/DME	L	105.73	095.73	29.13	29.13		2000	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	E	ACY	VORTAC	090.00	270.00	R	1		2000	4000	8	9
2	E	VCN	VOR/DME	105.73	285.73	R	1		2000	4000	8	9
3	E	ACY	VORTAC	090.00	270.00	L	1		2000	4000	8	9
4	E	VCN	VOR/DME	105.73	285.73	L	1		2000	4000	8	9
5	E		WP	090.00	270.00	R		6	2000	4000	8	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	392907.59N/0742622.62W	269	2C
2	265	AAO	392930.10N/0742546.67W	264	2C
3	265	AAO	392907.59N/0742622.62W	269	2C
4	265	AAO	392907.59N/0742622.62W	269	2C
5	265	AAO	392907.59N/0742622.62W	269	2C

REASON FOR NONSTANDARD HOLDING:

PAT 3 PROXIMITY OF R-5002

PAT 4 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ATLANTIC CITY (FAC 1) AND CEDAR LAKE (FAC 3) USED TO ESTABLISH FIX COORDINATES.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ENROUTE LOW CHARTING REQUESTED BY ATC.

PAT 3 AND 4 FOR ATC USE (NOT CHARTED).

PAT 2, 3, AND 4 HOLDING OVERLIES W107 AT ALTITUDES ABOVE 2000. PRIOR PERMISSION FROM ATC AND RADAR MONITORING REQUIRED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	COPTER ILS OR LOC/DME RWY 13	1, 2, 3	1, 2	KACY	ATLANTIC CITY	NJ (US)
IAP	HI - ILS Y OR LOC Y RWY 13	1, 2, 3	1, 2	KACY	ATLANTIC CITY	NJ (US)
IAP	HI - VOR OR TACAN RWY 31	1, 2	1	KACY	ATLANTIC CITY	NJ (US)
IAP	ILS OR LOC/DME RWY 31	1, 2, 3	1, 2	KACY	ATLANTIC CITY	NJ (US)
IAP	ILS Z OR LOC Z RWY 13	1, 2, 3	1, 2	KACY	ATLANTIC CITY	NJ (US)
IAP	RNAV (GPS) RWY 04		5	KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 13	1, 2	1	KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 31	1, 2	1	KACY	ATLANTIC CITY	NJ (US)
IAP	VOR RWY 4	1, 2	1	KACY	ATLANTIC CITY	NJ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

1. FIX USE - UPDATED IAP TITLE TO READ HI-VOR OR TACAN RWY 31 AT KACY.

2. FIX USE - UPDATED IAP TITLE TO READ HI-ILS Y OR LOC Y RWY 13 AT KACY.

3. FIX USE - UPDATED IAP TITLE TO READ ILS Z OR LOC Z RWY 13 AT KACY.

4. CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

5. REMARKS: ADDED ATLANTIC CITY (FAC 1) AND CEDAR LAKE (FAC 3) USED TO ESTABLISH FIX COORDINATES

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 08/10/2023

OFFICE: AVJ-A420

NAME: MARLON ROBINSON

SIGNATURE:

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: 21-AEA-33

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 LENGTH TIME 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)	391202.00N/0753352.00W	433	4D
2	230	TOWER (10-000007)	391202.00N/0753352.00W	433	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 SEPARATION WITH DOVER AFB TRAFFIC
PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

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	PALEO			KBWI	BALTIMORE	MD (US)
DP	SWANN			KBWI	BALTIMORE	MD (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	T358					(US)
EN ROUTE	T416					(US)
EN ROUTE	V16					(US)
EN ROUTE	V213					(US)
EN ROUTE	V268					(US)
EN ROUTE	V29					(US)
EN ROUTE	V379					(US)
IAP	ILS OR LOC RWY 1			KDOV	DOVER	DE (US)
IAP	ILS RWY 1 (CAT II)			KDOV	DOVER	DE (US)
IAP	TACAN RWY 1			KDOV	DOVER	DE (US)
IAP	RNAV (GPS) RWY 9		2	33N	DOVER/CHESWOLD	DE (US)
IAP	VOR RWY 27			33N	DOVER/CHESWOLD	DE (US)
IAP	NDB-A			KEVY	MIDDLETOWN	DE (US)
IAP	RNAV (GPS) Y RWY 35			KEVY	MIDDLETOWN	DE (US)
IAP	RNAV (GPS) Z RWY 35			KEVY	MIDDLETOWN	DE (US)
IAP	VOR 9			KILG	WILMINGTON	DE (US)
IAP	VOR RWY 27			KILG	WILMINGTON	DE (US)
IAP	ILS 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	VOR/DME-A			58M	ELKTON	MD (US)
IAP	HI-ILS 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	SMYRNA			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: DP, STAR, MILITARY IAP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 34

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

1. AIRSPACE DOCKET: ADDED "21-AEA-33"
2. FIX USE: REMOVED "V157" AND "KORRY" STAR

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: COLIN CAMPBELL

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZAPOM

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 390534.16N/0744736.41W

TYPE: 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	ATLANTIC CITY	ACY	VORTAC	L	215.00	205.00	24.00	24.00		14000	17500
2	SMYRNA	ENO	VORTAC	L	112.64	103.64		34.73		14000	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	SW	ACY	VORTAC	215.00	035.00	L		10	14000	17500	15	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (31-0067)	385658.00N/0745201.00W	641	1D

REASON FOR NONSTANDARD HOLDING:

PAT 1 REMAIN CLEAR OF W-386

REMARKS:

ATLANTIC CITY (FAC 1) AND SMYRNA (FAC 2) USED TO ESTABLISH FIX COORDINATES.
HOLDING LIMITED TO ESTABLISHED PATTERN
MILITARY ONLY

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
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)

REQUIRED CHARTING: MILITARY IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

1. REMARKS: ADDED ATLANTIC CITY (FAC 1) AND SMYRNA (FAC 2) USED TO ESTABLISH FIX COORDINATES.
2. REMARKS: REMOVED MILITARY SIAP AND MOVED MILITARY ONLY TO FIX RESTRICTIONS.
3. FIX MAKE-UP FACILITIES: ADDED TO FAC 1 24 NM TO FAC 1 TO DIST FROM FAC AND ADDED TO FAC 2 34.73 NM TO DIST FROM FAC.
4. FIX USE: REMOVED HI-VOR/DME RWY 13 AT KACY.
5. FIX USE - UPDATED IAP TITLE TO READ HI-ILS Y OR LOC Y RWY 13 AT KACY.
6. FIX USE - UPDATED IAP TITLE TO READ HI-VOR OR TACAN RWY 31 AT KACY.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: