

RADIO FIX AND HOLDING DATA RECORD

NAME: GIMEE

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404847.27N/0740516.45W

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	FEET	MRA	MAA
1	NEWARK	I-LSQ	LOC/DME		038.83	025.83	7.82	9.22		2500	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-LSQ DME COORDINATES: 404143.55N/0740941.63W

INFORMATION ONLY

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	GLS RWY 22L			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22L	1		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT II)	1		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT III)	1		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (SA CAT 1)	1		KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) Z RWY 22L			KEWR	NEWARK	NJ (US)
IAP	RNAV (RNP) Y RWY 29			KEWR	NEWARK	NJ (US)
IAP	RNAV VISUAL RWY 29			KEWR	NEWARK	NJ (US)
IAP	STADIUM VISUAL RWY 29			KEWR	NEWARK	NJ (US)

REQUIRED CHARTING: IAP, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 12/29/2022

REASON FOR REVISION:

1. FIX TYPE: REMOVED INT AND RADAR.
2. FIX MAKE-UP: REMOVED KENNEDY VOR/DME (FAC 2) AND TETERBORO VOR/DME (FAC 3).
3. REMARKS: REMOVED NOTE FROM "NEWARK (FAC 1) AND KENNEDY (FAC 2) USED TO ESTABLISH FIX COORDINATES."
4. REQUIRED CHARTING: ADDED "SPECIAL IAP."
5. FIX USE: ADDED RNAV (GPS) Z RWY 22L. REMOVED FAC'S 2, 3 FROM EWR ILS OR LOC RWY 22L, ILS RWY 22L (CAT II), ILS RWY 22L (CAT III) AND ILS RWY 22L (SA CAT I).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JUDITH TUTTLE

APPROVED BY:

DATE: 12/29/2022

OFFICE: AVJ-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: KILMA

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 402909.70N/0742408.82W

TYPE: WP, RADAR, 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	MRA	MAA
1	KENNEDY	JFK	VOR/DME	H	265.24	253.24	30.17	30.17	2000	17500
2	ROBBINSVILLE	RBV	VORTAC	H	023.99	013.99		17.53	2000	17500
3	YARDLEY	ARD	VOR/DME	L	068.78	058.78	27.04	27.04	2000	17500
4	CANARSIE	CRI	VOR/DME	T	263.09	252.09	24.44	24.44	2000	12000
5	TETERBORO	TEB	VOR/DME	T	226.65	215.65	26.72	26.72	2000	6000
6	SOLBERG	SBJ	VOR/DME	VL	120.43	110.43		16.58	2000	6000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TEB	VOR/DME	R-227	27	2000	6000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

INFORMATION ONLY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	TIME	DME	MIN	MAX	MIN	MAX
1	W	ARD	VOR/DME	068.78	068.78	R	1		2000	6000	4	6
2	W	WP	WP	252.00	072.00	R		4	3000	6000	5	6
3	W	JFK	VOR/DME	265.24	085.24	R	1		3000	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (34-000251)	402836.98N/0742931.45W	623	4D
2	200	TOWER (34-000251)	402836.98N/0742931.45W	623	4D
3	200	TOWER (34-000251)	402836.98N/0742931.45W	623	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

KENNEDY (FAC 1) AND ROBBINSVILLE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CENTRAL			47N	MANVILLE	NJ (US)
EN ROUTE	V433	1, 2, 3, 4				NJ (US)
IAP	COPTER ILS/DME RWY 22L	2, 3	1	KEWR	NEWARK	NJ (US)
IAP	GLS RWY 22L		2	KEWR	NEWARK	NJ (US)
IAP	GLS RWY 22R		2	KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22L	2, 3, 6	1	KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22R	2, 3, 6	1	KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22L (ALT MISS)	1, 2	3	KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22R (ALT MISS)	1, 2	3	KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 4L	4		KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 4R	1		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT II - ALT MISS)	1, 2	3	KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT II-III)	2, 3, 6	1	KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT III - ALT MISS)	1, 2	3	KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (SA CAT 1 - ALT MISS)	1, 2	3	KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (SA CAT I)	2, 3, 6	1	KEWR	NEWARK	NJ (US)
IAP	ILS RWY 4L (SA CAT I)	4		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 4L (SA CAT II)	4		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 4R (CAT II-III)	1		KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 22R		2	KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 4L			KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) Y RWY 4R			KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) Z RWY 22L			KEWR	NEWARK	NJ (US)
IAP	RNAV (RNP) Y RWY 22L		2	KEWR	NEWARK	NJ (US)
IAP	RNAV (RNP) Z RWY 29			KEWR	NEWARK	NJ (US)
IAP	RNAV (RNP) Z RWY 4R			KEWR	NEWARK	NJ (US)
STAR	BRAND (RNAV)			KEWR	NEWARK	NJ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 12/29/2022

REASON FOR REVISION:

- 1: ADDED HOLDING PATTERN 2 TO KEWR RNAV (GPS) RWY 22R FIX USE.
- 2: REMOVED KEWR ILS OR LOC 22R ALTERNATE MISSED APPROACH FROM FIX USE.
- 3: REMOVED FACILITIES 4 FROM KEWR ILS OR LOC RWY 22R.
- 4: FIX MAKE-UP FACILITY 6 CLASS CHANGED FROM: L TO: VL.
- 5: CHANGED HOLDING OBSTRUCTION TOWER (34-000251) ACCURACY CODE FROM: 5D TO: 4D FOR PATTERNS 1 AND 2.
- 6: REMOVED HOLDING PATTERN 3 AND CONTROLLING OBSTACLE.
- 7: REMOVED KEWR ILS OR LOC RWY 22L ALTERNATE MISSED FROM FIX USE.
- 8: REMOVED KEWR ILS RWY 22L CAT II ALTERNATE MISSED, CAT III ALTERNATE MISSED, AND SA CAT 1 ALTERNATE MISSED FROM FIX USE.
- 9: ADDED HOLDING PATTERN 2 TO KEWR GLS RWY 22L.

08/18/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/27/2022:

1. HOLDING: ADDED JFK VOR/DME PAT 3 AND CONTROLLING OBST.
2. FIX USE: ADDED KEWR ILS OR LOC RWY 22R (ALT MISS).
3. FIX USE: ADDED KEWR ILS OR LOC RWY 22L (ALT MISS), (CAT II - ALT MISS), (CAT III - ALT MISS), AND (SA CAT 1 - ALT MISS).

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

NAME: MICAH HILLEY**APPROVED BY:****DATE:** 12/29/2022**OFFICE:** AJV-A430**NAME:** CASIMIR TABAKA**SIGNATURE:****INFORMATION ONLY**

RADIO FIX AND HOLDING DATA RECORD

NAME: PATRN

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 405628.40N/0740903.32W

TYPE: WP, 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	MRA	MAA
1	KINGSTON	IGN	VOR/DME	L	211.00	199.00		45.90	2000	17500
2	TETERBORO	TEB	VOR/DME	T	335.00	324.00	6.86	6.86	2000	12000
3	HUGUENOT	HUO	VOR/DME	H	155.45	144.45		34.46	2000	17500
4	CARMEL	CMK	VOR/DME	L	244.00	232.00		32.87	2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
IGN	VOR/DME	R-211	46	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	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE	IGN	VOR/DME	211.00	211.00	R	1	2500	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION
1	200	TOWER (34-000165)

COORDINATES

ELEVATION

ACCURACY CODE

40559.83N/0741223.69W

1214

1C

INFORMATION ONLY

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

KINGSTON (FAC 1) AND TETERBORO (FAC 2) USED TO ESTABLISH FIX COORDINATES.
EN ROUTE LOW CHARTING REQUESTED BY ATC.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	GLS RWY 22L			KEWR	NEWARK	NJ (US)
IAP	GLS RWY 22R			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22L			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22R			KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT II)			KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT III)			KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (SA CAT 1)			KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 22R			KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) Z RWY 22L			KEWR	NEWARK	NJ (US)
IAP	COPTER ILS OR LOC RWY 6	1, 2	1	KTEB	TETERBORO	NJ (US)
IAP	ILS OR LOC RWY 6	1, 2	1	KTEB	TETERBORO	NJ (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 12/29/2022

REASON FOR REVISION:

1: ADDED KEWR GLS RWY 22L TO FIX USE.
2: ADDED KEWR GLS RWY 22R TO FIX USE.
3: ADDED KEWR RNAV (GPS) Z RWY 22L TO FIX USE.
4: ADDED KEWR RNAV (GPS) RWY 22R TO FIX USE.
5: ADDED KEWR ILS OR LOC RWY 22R TO FIX USE.
6: REMOVED FIX MAKE-UP FACILITY 2 FROM KEWR ILS RWY 22L SA CAT I, CAT II, CAT III FROM FIX USE.

08/18/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/27/2022:

1. FIX USE: REMOVED KTEB VOR/DME RWY 6 AND VOR/DME-B.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: MICAH HILLEY

APPROVED BY:

DATE: 12/29/2022

OFFICE: AVJ-A430

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: ROBBINSVILLE VORTAC STATE: NJ COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 401208.65N/0742942.09W TYPE:
 AIRSPACE DOCKET: 21-AEA-16 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	ROBBINSVILLE	RBV	VORTAC	H							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	E	RBV	VORTAC	108.22	288.22	R	1		1700	5000	4	5
2	W	RBV	VORTAC	247.95	067.95	R	1		2000	17500	4	16
3	SW	WP	WP	232.11	052.11	L		4	1700	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (34-000693)	401202.00N/0742528.00W	637	5D
2	210	TOWER (34-000693)	401202.00N/0742528.00W	637	5D
3	200	TOWER (34-000693)	401202.00N/0742528.00W	637	5D

REASON FOR NONSTANDARD HOLDING:

PAT 3 STAY CLEAR OF R-5001 A & B.

INFORMATION ONLY

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)
 PAT 2 CHART 210K ICON

REMARKS:

PATTERN 3 ALSO USED FOR NON-RADAR OPS BY WRI RAPCON
 PRECIPITOUS TERRAIN EVALUATION COMPLETED
 ASSIGNED FACILITY MAGVAR: 10W (1965)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ATLANTIC CITY			KACY	ATLANTIC CITY	NJ (US)
DP	CENTRAL			47N	MANVILLE	NJ (US)
DP	LEEAH			KMIV	MILLVILLE	NJ (US)
DP	PRINCETON			39N	PRINCETON/ROCKY HILL	NJ (US)
DP	MODENA			KWRI	WRIGHTSTOWN	NJ (US)
DP	POINT PLEASANT			KWRI	WRIGHTSTOWN	NJ (US)
DP	POTTSTOWN			KWRI	WRIGHTSTOWN	NJ (US)
DP	REPUBLIC			KFRG	FARMINGDALE	NY (US)
DP	KENNEDY			KJFK	NEW YORK	NY (US)
DP	SKORR (RNAV)			KJFK	NEW YORK	NY (US)
DP	HOPEA (RNAV)			KLGA	NEW YORK	NY (US)
DP	JUTES (RNAV)			KLGA	NEW YORK	NY (US)
DP	LA GUARDIA			KLGA	NEW YORK	NY (US)
DP	NTHNS (RNAV)			KLGA	NEW YORK	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
DP	PHILADELPHIA			KPHL	PHILADELPHIA	PA (US)
EN ROUTE	Q22					(US)
EN ROUTE	Q34					(US)
EN ROUTE	Q419					(US)
EN ROUTE	Q430					(US)
EN ROUTE	T436					(US)
EN ROUTE	T438					(US)
EN ROUTE	V123					(US)
EN ROUTE	V157					(US)
EN ROUTE	V213					(US)
EN ROUTE	V249					(US)
EN ROUTE	V252					(US)
IAP	RNAV (GPS) RWY 14			KBLM	BELMAR/FARMINGDALE	NJ (US)
IAP	RNAV (GPS) RWY 32		3	KBLM	BELMAR/FARMINGDALE	NJ (US)
IAP	VOR-A			KBLM	BELMAR/FARMINGDALE	NJ (US)
IAP	RNAV (GPS) RWY 23			19N	BERLIN	NJ (US)
IAP	NDB RWY 24			KNEL	LAKEHURST	NJ (US)
IAP	TACAN RWY 24			KNEL	LAKEHURST	NJ (US)
IAP	TACAN Z RWY 33			KNEL	LAKEHURST	NJ (US)
IAP	VOR OR VOR/DME OR TACAN Y RWY 33			KNEL	LAKEHURST	NJ (US)
IAP	RNAV (GPS) RWY 19			N14	LUMBERTON	NJ (US)
IAP	VOR-A			N14	LUMBERTON	NJ (US)
IAP	VOR RWY 26			KVAY	MOUNT HOLLY	NJ (US)
IAP	COPTER ILS/DME RWY 22L			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22L			KEWR	NEWARK	NJ (US)

IAP	ILS OR LOC RWY 22R		KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 4R		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT II - III)		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (SA CAT I)		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 4R (CAT II - III)		KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 24		3N6	OLD BRIDGE	NJ (US)
IAP	RNAV (GPS) RWY 6	3	3N6	OLD BRIDGE	NJ (US)
IAP	VOR RWY 24		3N6	OLD BRIDGE	NJ (US)
IAP	RNAV (GPS) RWY 29		N87	ROBBINSVILLE	NJ (US)
IAP	VOR RWY 29	1	N87	ROBBINSVILLE	NJ (US)
IAP	VOR RWY 24		KMJX	TOMS RIVER	NJ (US)
IAP	VOR RWY 6		KMJX	TOMS RIVER	NJ (US)
IAP	VOR/DME OR TACAN RWY 18		KWRI	WRIGHTSTOWN	NJ (US)
IAP	VOR/DME OR TACAN RWY 36		KWRI	WRIGHTSTOWN	NJ (US)
IAP	VOR/DME OR TACAN RWY 6		KWRI	WRIGHTSTOWN	NJ (US)
IAP	ILS OR LOC RWY 22L		KJFK	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 22R	2	KJFK	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 31L		KJFK	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 31R		KJFK	NEW YORK	NY (US)
IAP	ILS RWY 22L (CAT II - III)		KJFK	NEW YORK	NY (US)
IAP	VOR RWY 22L		KJFK	NEW YORK	NY (US)
IAP	VOR RWY 31L		KJFK	NEW YORK	NY (US)
IAP	COPTER ILS OR LOC RWY 22		KLGA	NEW YORK	NY (US)
IAP	ILS V RWY 17 (CONVERGING)		KPHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 24		KPNE	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 24		KPNE	PHILADELPHIA	PA (US)
STAR	HYPER (RNAV)		KHEF	WASHINGTON	DC (US)
STAR	HYPER (RNAV)		KIAD	WASHINGTON	DC (US)
STAR	DYLIN		KEWR	NEWARK	NJ (US)
STAR	HARRISBURG		KWRI	WRIGHTSTOWN	NJ (US)
STAR	CAMRN		KFRG	FARMINGDALE	NY (US)
STAR	CAMRN		KJFK	NEW YORK	NY (US)
STAR	KORRY	2	KLGA	NEW YORK	NY (US)
STAR	MILTON		KLGA	NEW YORK	NY (US)
STAR	HYPER (RNAV)		KCJR	CULPEPER	VA (US)
STAR	HYPER (RNAV)		KEZF	FREDERICKSBURG	VA (US)
STAR	HYPER (RNAV)		KFRR	FRONT ROYAL	VA (US)
STAR	HYPER (RNAV)		KJYO	LEESBURG	VA (US)
STAR	HYPER (RNAV)		KNYG	QUANTICO	VA (US)
STAR	HYPER (RNAV)		KRMN	STAFFORD	VA (US)
STAR	HYPER (RNAV)		KHWY	WARRENTON	VA (US)
STAR	HYPER (RNAV)		KOKV	WINCHESTER	VA (US)
STAR	HYPER (RNAV)		KMRB	MARTINSBURG	WV (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: 31

DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

AIRSPACE DOCKET: CHANGED 20-ASO-31 TO 21-AEA-16.

FIX USE: ADDED T438 AND T436. REMOVED Q115 - NOT CHARTED. REMOVED V276 - AIRSPACE DOCKET 21-AEA-23. REMOVED KPNE LOC BC RWY 6.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: SOLBERG VOR/DME

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 403458.96N/0744430.45W

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	SOLBERG	SBJ	VOR/DME	VL							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	S	SBJ	VOR/DME	195.85	015.85	R	1		2000	6000	4	5
2	SW	SBJ	VOR/DME	241.01	061.01	R	1		2000	6000	4	5
3	N	SBJ	VOR/DME	351.00	171.00	R	1		2300	6000	4	5
4	S		WP	198.88	018.88	R		4	2500	6000	5	6
5	E	SBJ	VOR/DME	070.00	250.00	L	1		2000	6000	4	5
6	E		WP	070.00	250.00	L		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	403648.00N/0744751.00W	1057	4E
1	310	AAO	404124.96N/0744808.96W	1159	2C
2	200	AAO	403554.00N/0744527.00W	1109	4E
3	200	AAO	404154.00N/0745100.00W	1214	4E
4	200	AAO	403646.84N/0744751.42W	1039	2C
4	310	AAO	404124.96N/0744808.96W	1159	2C
5	200	AAO	403545.03N/0744911.01W	980	2C
6	200	AAO	403545.03N/0744911.01W	980	2C

REASON FOR NONSTANDARD HOLDING:

PAT 5 TERRAIN
PAT 6 TERRAIN

INFORMATION ONLY

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
4	RNAV (GPS) RWY 12	KSMQ	SOMERVILLE	NJ (US)

REMARKS:

ASSIGNED FACILITY MAGVAR: 10W/1965.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRIDGEHAVEN			KBDR	BRIDGEPORT	CT (US)
DP	BRIDGEHAVEN			KHVN	NEW HAVEN	CT (US)
DP	CENTRAL			47N	MANVILLE	NJ (US)
DP	MORRISTOWN			KMMU	MORRISTOWN	NJ (US)
DP	LIBERTY			KEWR	NEWARK	NJ (US)
DP	NEWARK			KEWR	NEWARK	NJ (US)
DP	PORTT (RNAV)			KEWR	NEWARK	NJ (US)
DP	PRINCETON			39N	PRINCETON/ROCKY HILL	NJ (US)
DP	RUUDY (RNAV)			KTEB	TETERBORO	NJ (US)
DP	TETERBORO			KTEB	TETERBORO	NJ (US)
DP	LONG ISLAND			KISP	NEW YORK	NY (US)
DP	KENNEDY			KJFK	NEW YORK	NY (US)
DP	SKORR (RNAV)			KJFK	NEW YORK	NY (US)
DP	LA GUARDIA			KLGA	NEW YORK	NY (US)
DP	TNNIS (RNAV)			KLGA	NEW YORK	NY (US)
DP	STEWART			KSWF	NEW YORK	NY (US)
DP	DUTCHESS			KPOU	POUGHKEEPSIE	NY (US)
DP	PROP			KHPN	WHITE PLAINS	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
EN ROUTE	Q75					(US)
EN ROUTE	T428					(US)
EN ROUTE	T430					(US)
EN ROUTE	V232					(US)
EN ROUTE	V249					(US)
EN ROUTE	V3					(US)
EN ROUTE	V30					(US)
EN ROUTE	V419					(US)
EN ROUTE	V6					(US)
IAP	LOC RWY 22			KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 10			KCDW	CALDWELL	NJ (US)

IAP	RNAV (GPS) RWY 4		KCDW	CALDWELL	NJ (US)
IAP	RNAV (GPS) RWY 25		47N	MANVILLE	NJ (US)
IAP	ILS OR LOC RWY 23	5	KMMU	MORRISTOWN	NJ (US)
IAP	RNAV (GPS) RWY 5		KMMU	MORRISTOWN	NJ (US)
IAP	RNAV (GPS) Z RWY 23	6	KMMU	MORRISTOWN	NJ (US)
IAP	RNAV (RNP) Y RWY 23		KMMU	MORRISTOWN	NJ (US)
IAP	ROUTE 80 VISUAL RWY 23		KMMU	MORRISTOWN	NJ (US)
IAP	ILS OR LOC RWY 22L		KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 4L		KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 4R		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT II-III)		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (SA CAT I)		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 4L (SA CAT I-II)		KEWR	NEWARK	NJ (US)
IAP	ILS RWY 4R (CAT II-III)		KEWR	NEWARK	NJ (US)
IAP	VOR RWY 7		N40	PITTSTOWN	NJ (US)
IAP	RNAV (GPS)-A		N85	PITTSTOWN	NJ (US)
IAP	RNAV (GPS)-B		N85	PITTSTOWN	NJ (US)
IAP	VOR/DME RWY 8		N85	PITTSTOWN	NJ (US)
IAP	RNAV (GPS) RWY 10		39N	PRINCETON/ROCKY HILL	NJ (US)
IAP	VOR-A	3	39N	PRINCETON/ROCKY HILL	NJ (US)
IAP	VOR RWY 4	1	N51	READINGTON	NJ (US)
IAP	RNAV (GPS) RWY 12	4	KSMQ	SOMERVILLE	NJ (US)
IAP	VOR RWY 8	2	KSMQ	SOMERVILLE	NJ (US)
IAP	ILS OR LOC RWY 6		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) X RWY 6		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) Y RWY 6		KTEB	TETERBORO	NJ (US)
IAP	RNAV (RNP) Z RWY 19		KTEB	TETERBORO	NJ (US)
IAP	RNAV (RNP) Z RWY 6		KTEB	TETERBORO	NJ (US)
IAP	VOR/DME RWY 6		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) RWY 16		KTTN	TRENTON	NJ (US)
IAP	VOR OR GPS RWY 13L/R		KJFK	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 13		KABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC RWY 6		KABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC/DME RWY 24		KABE	ALLENTOWN	PA (US)
IAP	ILS RWY 6 (SA CAT I-II)		KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 24		KABE	ALLENTOWN	PA (US)
IAP	VOR-A		KABE	ALLENTOWN	PA (US)
IAP	VOR-A		KDYL	DOYLESTOWN	PA (US)
IAP	RNAV (GPS)-A		N43	EASTON	PA (US)
STAR	JAIKE (RNAV)		KCDW	CALDWELL	NJ (US)
STAR	MAZIE (RNAV)		KCDW	CALDWELL	NJ (US)
STAR	MAZIE (RNAV)		N07	LINCOLN PARK	NJ (US)
STAR	JAIKE (RNAV)		KLDJ	LINDEN	NJ (US)
STAR	MAZIE (RNAV)		KLDJ	LINDEN	NJ (US)
STAR	JAIKE (RNAV)		47N	MANVILLE	NJ (US)
STAR	MAZIE (RNAV)		47N	MANVILLE	NJ (US)
STAR	JAIKE (RNAV)		KMMU	MORRISTOWN	NJ (US)
STAR	MAZIE (RNAV)		KMMU	MORRISTOWN	NJ (US)
STAR	DYLIN		KEWR	NEWARK	NJ (US)
STAR	JAIKE (RNAV)		KSMQ	SOMERVILLE	NJ (US)
STAR	MAZIE (RNAV)		KSMQ	SOMERVILLE	NJ (US)
STAR	JAIKE (RNAV)		KTEB	TETERBORO	NJ (US)
STAR	MAZIE		KTEB	TETERBORO	NJ (US)
STAR	KORRY		KLGA	NEW YORK	NY (US)
STAR	MILTON		KLGA	NEW YORK	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 27

DATE OF REVISION: 12/29/2022

REASON FOR REVISION:

1. REMOVED V405 AND V403 FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: COLE NESBITT

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: TETERBORO VOR/DME STATE: NJ COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 405055.39N/0740344.07W TYPE:
 AIRSPACE DOCKET: 21-AEA-17 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	TETERBORO	TEB	VOR/DME	T							12000

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	NW	TEB	VOR/DME	335.00	155.00	R	1		2500	6000	4	5
2	NW		WP	337.00	157.00	R		4	2500	6000	5	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	405821.00N/0741203.00W	1096	4E
1	310	BUILDING (36-020633)	404246.75N/0740047.27W	1806	1A
2	200	AAO	405824.00N/0741203.00W	1099	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	GLS RWY 4R	KEWR	NEWARK	NJ (US)
2	GLS RWY 4L	KEWR	NEWARK	NJ (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAG VAR: 11W/1965.

INFORMATION ONLY

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	NEWARK			KEWR	NEWARK	NJ (US)
DP	TETERBORO			KTEB	TETERBORO	NJ (US)
IAP	LOC RWY 22			KCDW	CALDWELL	NJ (US)
IAP	COPTER ILS OR LOC/DME RWY 4L		1	KEWR	NEWARK	NJ (US)
IAP	COPTER ILS/DME RWY 22L			KEWR	NEWARK	NJ (US)
IAP	GLS RWY 4L		2	KEWR	NEWARK	NJ (US)
IAP	GLS RWY 4R		2	KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 11			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 4L		1	KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 4R		1	KEWR	NEWARK	NJ (US)
IAP	ILS RWY 4L (SA CAT I-II)		1	KEWR	NEWARK	NJ (US)
IAP	ILS RWY 4R (CAT II-III)		1	KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 4L		2	KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) Y RWY 4R		2	KEWR	NEWARK	NJ (US)
IAP	RNAV (RNP) Z RWY 4R		2	KEWR	NEWARK	NJ (US)
IAP	STADIUM VISUAL RWY 29			KEWR	NEWARK	NJ (US)
IAP	VOR RWY 11			KEWR	NEWARK	NJ (US)
IAP	COPTER ILS OR LOC RWY 6			KTEB	TETERBORO	NJ (US)
IAP	ILS OR LOC RWY 6			KTEB	TETERBORO	NJ (US)
IAP	VOR RWY 24			KTEB	TETERBORO	NJ (US)
IAP	VOR/DME RWY 6			KTEB	TETERBORO	NJ (US)
IAP	VOR/DME-B			KTEB	TETERBORO	NJ (US)
IAP	ILS OR LOC RWY 13			KLGA	NEW YORK	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 21-AEA-17.
 FIX MAKE-UP FACILITIES: CHANGED FAC 1 (TEB) MAA FROM 18000 TO 12000 - SSV FOR TERMINAL FACILITY.
 ESV: REMOVED ESV DATA FOR TEB VOR/DME - FACILITY ESV(S) NOT USUALLY LISTED ON 8260-2.
 FIX USE: REMOVED V214. REMOVED KMMU ILS OR LOC RWY 23. REMOVED KEWR ILS OR LOC RWY 22L, ILS OR LOC RWY 22R, ILS RWY 22L (CAT II), ILS RWY 22L (CAT III), ILS RWY 22L (SA CAT I) AND RNAV VISUAL RWY 29. COMBINED KEWR ILS RWY 4L (SA CAT I-II) AND ILS RWY 4R (CAT II-III) INTO SINGLE LINE ENTRIES.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: YARDLEY VOR/DME

STATE: PA

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 401512.03N/0745427.40W

TYPE:

AIRSPACE DOCKET: 21-AEA-17

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	YARDLEY	ARD	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	SW	ARD	VOR/DME	233.32	053.32	R	1		5000 14000	5 8
2	E	ARD	VOR/DME	109.02	289.02	R	1		2000 5000	4 5
3	W	ARD	VOR/DME	261.00	081.00	L	1		2000 4000	4 4
4	E		WP	111.02	291.02	R		4	2000 6000	4 6
5	SW		WP	236.22	056.22	R		4	5000 14000	7 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	AAO	401830.59N/0745616.75W	659	2C
2	200	AAO	401948.60N/0745221.59W	699	2C
3	200	AAO	401923.02N/0745343.36W	679	2C
4	200	AAO	401948.60N/0745221.59W	699	2C
5	210	AAO	401923.02N/0745343.36W	679	2C

REASON FOR NONSTANDARD HOLDING:

PAT 3 TO AVOID NORTH PHILADELPHIA CONTROL ZONE

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON
PAT 5 CHART 210K ICON AND 4NM LEGS ON PHLBO STAR/ ATC REQUEST/ WAIVER ON FILE.
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FACILITY MAGVAR W 10/1965.

INFORMATION ONLY

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CENTRAL			47N	MANVILLE	NJ (US)
DP	PRINCETON			39N	PRINCETON/ROCKY HILL	NJ (US)
DP	REPUBLIC			KFRG	FARMINGDALE	NY (US)
DP	KENNEDY			KJFK	NEW YORK	NY (US)
DP	SKORR (RNAV)			KJFK	NEW YORK	NY (US)
DP	PHILADELPHIA			KPHL	PHILADELPHIA	PA (US)
EN ROUTE	T438					(US)
EN ROUTE	V143					(US)
EN ROUTE	V147					(US)
EN ROUTE	V210					(US)
EN ROUTE	V433					(US)
IAP	RNAV (GPS) RWY 23			19N	BERLIN	NJ (US)
IAP	RNAV (GPS) RWY 08			KVAY	MOUNT HOLLY	NJ (US)
IAP	COPTER ILS/DME RWY 22L			KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (CAT II - III)			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22L			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22R			KEWR	NEWARK	NJ (US)
IAP	ILS RWY 22L (SA CAT I)			KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS)-A			N85	PITTSTOWN	NJ (US)
IAP	RNAV (GPS)-B			N85	PITTSTOWN	NJ (US)
IAP	VOR/DME RWY 8			N85	PITTSTOWN	NJ (US)
IAP	VOR-A			39N	PRINCETON/ROCKY HILL	NJ (US)
IAP	ILS OR LOC RWY 06		2	KTTN	TRENTON	NJ (US)
IAP	VOR OR GPS A		2, 3	KTTN	TRENTON	NJ (US)
IAP	RNAV (GPS) RWY 31			KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 6			KABE	ALLENTOWN	PA (US)
IAP	RNAV (GPS) RWY 24			KLOM	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 27R			KPHL	PHILADELPHIA	PA (US)
IAP	ILS RWY 27R (SA CAT I & II)			KPHL	PHILADELPHIA	PA (US)
IAP	ILS V RWY 17 (CONVERGING)		2	KPHL	PHILADELPHIA	PA (US)
IAP	ILS Z OR LOC RWY 17			KPHL	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 17			KPHL	PHILADELPHIA	PA (US)
IAP	ILS OR LOC RWY 24		2	KPNE	PHILADELPHIA	PA (US)
IAP	RNAV (GPS) RWY 24		4	KPNE	PHILADELPHIA	PA (US)
SPECIAL IAP	RNAV (GPS) RWY 20			3NJ6	RANCOCAS	NJ (US)
STAR	DYLIN		1	KEWR	NEWARK	NJ (US)
STAR	PHLBO (RNAV)		5	KEWR	NEWARK	NJ (US)

STAR	PAATS (RNAV)	4	KTTN	TRENTON	NJ (US)
STAR	KORRY		KLGA	NEW YORK	NY (US)
STAR	MILTON		KLGA	NEW YORK	NY (US)
STAR	PAATS (RNAV)	4	KMQS	COATESVILLE	PA (US)
STAR	PAATS (RNAV)	4	KPHL	PHILADELPHIA	PA (US)
STAR	PAATS (RNAV)	4	KPNE	PHILADELPHIA	PA (US)

REQUIRED CHARTING: DP, STAR, IAP, EN ROUTE LOW, SPECIAL IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 32

DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 21-AEA-17.
2. DELETED V214 AND V479 FROM FIX USE.
3. ADDED T438 TO FIX USE - AIRSPACE DOCKET 21-AEA-16.
4. DELETED V276 FROM FIX USE - AIRSPACE DOCKET 21-AEA-23.
5. ADDED STAR PAATS (RNAV) AT KPHL, KTTN, KMQS, AND KPNE IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

INFORMATION ONLY