

RADIO FIX AND HOLDING DATA RECORD

NAME: AGNSS

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 405007.75N/0740438.75W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

INFORMATION ONLY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	NEWARK	I-JNN	LOC/DME		038.82	025.82	8.70	10.83		3000	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-JNN DME: 404215.69N/0740933.74W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	GLS RWY 22R			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22R	1		KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 22R			KEWR	NEWARK	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. FACILITY MAKE-UP: UPDATED FAC 1 MAG BRG/TRUE BRG FROM 038.83/025.83 TO 038.82/025.82.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

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

INFORMATION ONLY

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	VH	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

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	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, 6	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 22R	2, 3, 6	1	KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22L	6	1, 3	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 4R			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 I - 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 4R (CAT II-III)			KEWR	NEWARK	NJ (US)
IAP	ILS Z OR LOC Z RWY 4L			KEWR	NEWARK	NJ (US)
IAP	ILS Z RWY 4L (SA CAT I-II)			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		2	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)
STAR	PHLBO (RNAV)			KEWR	NEWARK	NJ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

- ESV: FAC 5 ESV CANCELLED IN 2023.
- FIX USE: ADDED EWR ILS OR LOC RWY 22R, GLS RWY 22R, RNAV (GPS) RWY 22R, AND RNAV (GPS) Z RWY 22L.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 12/18/2025

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: NO CHANGE

INFORMATION ONLY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	KINGSTON	IGN	VOR/DME	VL	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 DME	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	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (34-000165)	410559.83N/0741223.69W	1214	1C

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.
PATTERN 1 PER ATC REQUEST.

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) W RWY 29			KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) Z RWY 22L			KEWR	NEWARK	NJ (US)
STAR	PHLBO (RNAV)			KEWR	NEWARK	NJ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

1. FIX USE: ADDED IAP RNAV (GPS) W RWY 29 AT KEWR

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 02/07/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TALTE

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404553.30N/0740721.13W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

INFORMATION ONLY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	NEWARK	I-JNN	LOC/DME		038.82	025.82	4.00	6.12	37210	1500	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-JNN DME: 404215.69N/0740933.74W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	GLS RWY 22R			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22R	1		KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 22R			KEWR	NEWARK	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. FACILITY MAKE-UP: UPDATED FAC 1 DISTANCE FEET FROM 37209 TO 37210.
2. FACILITY MAKE-UP: UPDATED FAC 1 MAG BRG/TRUE BRG FROM 038.83/025.83 TO 038.82/025.82.
2. FACILITY MAKE-UP: UPDATED FAC 1 MAA FROM 4000 TO 4500.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TIPPS

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404718.12N/0740627.05W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

INFORMATION ONLY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	NEWARK	I-JNN	LOC/DME		038.82	025.82	5.56	7.69		2000	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-JNN DME: 404215.69N/0740933.74W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	GLS RWY 22R			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22R	1		KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 22R			KEWR	NEWARK	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. FACILITY MAKE-UP: UPDATED FAC 1 MAG BRG/TRUE BRG FROM 038.83/025.83 TO 038.82/025.82.
2. REMARKS: ADDED I-JNN DME: 404215.69N/0740933.74W.
3. FIX USE: ADDED FAC 1 TO EWR ILS OR LOC RWY 22R.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: VERDE

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404842.94N/0740532.92W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

INFORMATION ONLY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	NEWARK	I-JNN	LOC/DME		038.82	025.82	7.13	9.26		2500	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-JNN DME: 404215.69N/0740933.74W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	GLS RWY 22R			KEWR	NEWARK	NJ (US)
IAP	ILS OR LOC RWY 22R	1		KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 22R			KEWR	NEWARK	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. FACILITY MAKE-UP: UPDATED FAC 1 MAG BRG/TRUE BRG FROM 038.83/025.83 TO 038.82/025.82.
2. FACILITY MAKE-UP: UPDATED FAC 1 MAA FROM 4000 TO 4500.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOHN KEEFER

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE: