

RADIO FIX AND HOLDING DATA RECORD

NAME: BUZZD

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404557.75N/0740704.58W

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 NM	FAC FEET	MRA	MAA
1	NEWARK	I-LSQ	LOC/DME		038.83	025.83	4.68	6.08	36972	1500	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-LSQ DME COORDINATES: 404143.55N/0740941.63W.

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)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/23/2023

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: REMOVED FAC 2 AND 3 AND ALL ASSOCIATIONS.
2. FIX MAKE-UP FACILITIES: UPDATED FAC 1 DME FROM 4.62 TO 4.68, DIST FROM FAC NM FROM 6.03 TO 4.08, AND DIST FROM FAC FEET FROM 36643 TO 36972.
3. REMARKS: REMOVED NEWARK (FAC 1) AND KENNEDY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
4. REMARKS: UPDATED FROM I-LSQ DME ANTENNA COORDINATES: 404143.55N/0740941.63W TO I-LSQ DME COORDINATES: 404143.55N/0740941.63W
5. FIX USE: ADDED KEWR RNAV (GPS) Z RWY 22L.
6. FIX TYPE: REMOVED RADAR AND INT.
7. LAT/LONG UPDATED FROM 404555.82N/0740706.45W TO 404557.75N/0740704.58W.

10/27/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/13/2022.

1. FIX USE: REMOVED FAC 1 FROM RNAV (GPS) Z RWY 22L.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JUDITH TUTTLE

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

INFORMATION ONLY

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: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC 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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV VISUAL RWY 29			KEWR	NEWARK	NJ (US)
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	STADIUM VISUAL RWY 29			KEWR	NEWARK	NJ (US)

REQUIRED CHARTING: IAP, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 06/15/2023

REASON FOR REVISION:

1. CHANGED IAP RNAV VISUAL RWY 29 AT KEWR TO SPECIAL IAP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 06/15/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: IZEKO

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 405012.21N/0740422.17W

TYPE: WP, 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	NEWARK	I-LSQ	LOC/DME		038.83	025.83	9.39	10.80		3000	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-LSQ DME COORDINATES: 404143.55N/0740941.63W.

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 I)	1		KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) W RWY 29			KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) Z RWY 22L			KEWR	NEWARK	NJ (US)

REQUIRED CHARTING: IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

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

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:

INFORMATION ONLY

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 FEET	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	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	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.

INFORMATION ONLY

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CENTRAL			47N	MANVILLE	NJ (US)
EN ROUTE	V433	1, 2, 3,				NJ (US)
		4				
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, 4	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 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, 5	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, 5	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 4L			KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) RWY 22R		2	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:

1. FACILITY MAKE-UP: REMOVED TETERBORO.
2. FACILITY MAKE-UP: UPDATED SOLBERG (SBJ) TO FACILITY 5.
3. ESV: REMOVED TEB ESV.
4. FIX USE: UPDATED EWR ILS RWY 22L (SA CAT I) AND (CAT II - III) FAC FROM 6 TO 5.
5. FIX USE: ADDED EWR GLS RWY 22R, RNAV (GPS) RWY 22R, AND RNAV (GPS) Z RWY 22L TO FIX USE.

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

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	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.

INFORMATION ONLY

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: TAYCU

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 403315.94N/0741508.49W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

IAP

IAP

USE TITLE

GLS RWY 22L

RNAV (GPS) Z RWY 22L

FAC

PAT

AIRPORT IDENT

KEWR

KEWR

CITY

NEWARK

NEWARK

STATE

NJ (US)

NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/23/2023

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JUDITH TUTTLE

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

INFORMATION ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: ZAVPI

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404722.57N/0740610.49W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	NEWARK	I-LSQ	LOC/DME		038.83	025.83	6.25	7.65		2000	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-LSQ DME COORDINATES: 404143.55N/0740941.63W.

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 I)	1		KEWR	NEWARK	NJ (US)
IAP	RNAV (GPS) Z RWY 22L			KEWR	NEWARK	NJ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/23/2023

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JUDITH TUTTLE

APPROVED BY:

DATE: 12/29/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

INFORMATION ONLY