RADIO FIX AND HOLDING DATA RECORD

NAME: ALIXX **STATE:** CT **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 411052.85N/0732334.89W **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	DIST FROM FAC FEET	MRA	MAA
1	BRIDGEPORT	BDR	VOR/DME	L	287.90	275.90	12.23	12.23		3300	17500
2	DEER PARK	DPK	VOR/DME	L	002.17	350.17		23.71		3300	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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E	BDR	VOR/DME	287.90	287.90	L	1		3300	8000	5	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	411248.00N/0732839.00W	863	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 NEW YORK TRACON REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 16			KHPN	WHITE PLAINS	NY (US)
STAR	BOUNO	1, 2	1	KHPN	WHITE PLAINS	NY (US)
STAR	RICED	1, 2	1	KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 08/10/2023

REASON FOR REVISION:
1. CHANGE CONTROLLER TO CONTROLLER LOW IN REQUIRED CHARTING.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 08/10/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by*
MICHAEL GARRITY
Sep 26, 2023

QUALITY 14 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ANTMN **STATE:** NY **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 400630.30N/0734403.80W **TYPE:** INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	COYLE	CYN	VORTAC	H	071.30	061.30	36.60	36.60		15000	45000
2	SEA ISLE	SIE	VORTAC	VH	047.81	038.81	78.30	78.30		15000	45000
3	KENNEDY	JFK	VOR/DME	H	188.90	176.90		31.49		15000	21000

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W	CYN	VORTAC	251.30	071.30	L	1 1/2		18000	21000	18	20

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (34-024761)	401345.20N/0740525.20W	570	2C

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOUNO	1, 2, 3	1	KHPN	WHITE PLAINS	NY (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/30/2023

REASON FOR REVISION:
06/14/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/02/2023.
1. ADDED BOUNO STAR TO FIX USE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 08/10/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by*
MICHAEL GARRITY
Sep 26, 2023

QUALITY 14 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BECKR **STATE:** NJ **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 393517.01N/0741713.78W **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	DIST FROM FAC FEET	MRA	MAA
1	SEA ISLE	SIE	VORTAC	VH	047.81	038.81	37.98	37.98		18000	45000
2	COYLE	CYN	VORTAC	H	164.00	154.00		15.29		18000	45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOUNO	1, 2		KHPN	WHITE PLAINS	NY (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 08/10/2023

REASON FOR REVISION:
1. ADDED BOUNO TO TITLE IN FIX USE.
2. CHANGED VOR CLASS FROM H TO VH.
3. ADDED DISTANCE FROM FAC.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 08/10/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by* ***MICHAEL GARRITY*** Sep 26, 2023

QUALITY 14 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BOUNO **STATE:** NY **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 402155.55N/0732725.39W **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	DIST FROM FAC FEET	MRA	MAA
1	DEER PARK	DPK	VOR/DME	L	207.39	195.39	26.51	26.51		6000	19000
2	KENNEDY	JFK	VOR/DME	H	150.00	138.00		21.54		6000	45000
3	SEA ISLE	SIE	VORTAC	VH	047.81	038.81	98.30	98.30		15000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DPK	VOR/DME	R-207	27	18100	19000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW	DPK	VOR/DME	207.39	027.39	R	1 1/2		15000	19000	16	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	SHIP	402155.55N/0732725.39W	295	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
DEER PARK (FAC 1) AND KENNEDY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT1 REQUESTED BY ATC.
CHART PATTERN 1 ON LOW AND HIGH ENROUTE CHARTS

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Y484					(US)
EN ROUTE	Y486					(US)
STAR	BOUNO	1, 2, 3	1	KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 08/10/2023

REASON FOR REVISION:
1. DELETED DME FROM FAC 2.
2. ADDED FAC 3 TO FIX MAKE UP.
3. ADDED FAC 3 TO BOUNO STAR IN FIX USE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 08/10/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by*
MICHAEL GARRITY
Sep 26, 2023

QUALITY 14 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CARMEL VOR/DME **STATE:** NY **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 411648.32N/0733452.78W **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	DIST FROM FAC FEET	MRA	MAA
1	CARMEL	CMK	VOR/DME	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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N	CMK	VOR/DME	016.00	196.00	L	1		3000	17500	4	16
2	E		WP	076.76	256.76	R		4	2300	7000	5	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	412445.00N/0733151.00W	1319	4E
2	200	AAO	411900.00N/0733230.00W	1244	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.
MAGVAR 1975/W12.

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	MORRISTOWN			KMMU	MORRISTOWN	NJ (US)
DP	DEVIL			KEWR	NEWARK	NJ (US)
DP	LIBERTY			KEWR	NEWARK	NJ (US)
DP	NEWARK			KEWR	NEWARK	NJ (US)
DP	PORTT (RNAV)			KEWR	NEWARK	NJ (US)
DP	RUUDY (RNAV)			KTEB	TETERBORO	NJ (US)
DP	ALBANY			KALB	ALBANY	NY (US)
DP	LONG ISLAND			KISP	NEW YORK	NY (US)
DP	GLDMN (RNAV)			KLGA	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	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
EN ROUTE	V123					(US)
EN ROUTE	V188					(US)
EN ROUTE	V3					(US)
EN ROUTE	V374					(US)
EN ROUTE	V39					(US)
EN ROUTE	V405					(US)
EN ROUTE	V419					(US)
EN ROUTE	V483					(US)
EN ROUTE	V623					(US)
IAP	ILS OR LOC RWY 4L			KJFK	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 4R			KJFK	NEW YORK	NY (US)
IAP	ILS RWY 4R (CAT II & III)			KJFK	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 27			KSWF	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 6			KPOU	POUGHKEEPSIE	NY (US)
IAP	RNAV (GPS) RWY 24			KPOU	POUGHKEEPSIE	NY (US)
IAP	RNAV (GPS) RWY 6			KPOU	POUGHKEEPSIE	NY (US)
IAP	RNAV (GPS) Y RWY 16		2	KHPN	WHITE PLAINS	NY (US)
IAP	RNAV (GPS) Y RWY 34		2	KHPN	WHITE PLAINS	NY (US)
IAP	RNAV (RNP) Z RWY 16		2	KHPN	WHITE PLAINS	NY (US)
IAP	RNAV (RNP) Z RWY 34		2	KHPN	WHITE PLAINS	NY (US)
STAR	BRIDGEPORT			KBDR	BRIDGEPORT	CT (US)
STAR	DENNA			KBDR	BRIDGEPORT	CT (US)
STAR	NOBBI		1	KDXR	DANBURY	CT (US)
STAR	RICED			KDXR	DANBURY	CT (US)
STAR	BRIDGEPORT			KHVN	NEW HAVEN	CT (US)
STAR	DENNA			KHVN	NEW HAVEN	CT (US)
STAR	BRIDGEPORT			KOXC	OXFORD	CT (US)
STAR	DENNA			KOXC	OXFORD	CT (US)
STAR	DEER PARK			KBDL	WINDSOR LOCKS	CT (US)
STAR	DEER PARK			KCEF	SPRINGFIELD/CHICOPEE	MA (US)

QUALITY 14 CHECKED

STAR	DEER PARK		KBAF	WESTFIELD/SPRINGFIELD	MA (US)
STAR	PAWLING		KFRG	FARMINGDALE	NY (US)
STAR	LOVES		KISP	NEW YORK	NY (US)
STAR	PAWLING		KJFK	NEW YORK	NY (US)
STAR	NOBBI	1	KLGA	NEW YORK	NY (US)
STAR	BOUNO		KHPN	WHITE PLAINS	NY (US)
STAR	NOBBI	1	KHPN	WHITE PLAINS	NY (US)
STAR	RICED		KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 29 **DATE OF REVISION:** 11/30/2023

REASON FOR REVISION:
1. DELETED FIX USE DP NORWOOD AT KOWD.
2. DELETED FIX USE DP GREKI AT KJFK
3. DELETED FIX USE IAP ILS OR LOC RWY 16, ILS RWY 16 (SA CAT I & II), ILS OR LOC RWY 34 AT KHPN.
4. DELETED HOLDING PAT 1 CMK VOR/DME CRS INBOUND 256.76 AND ASSOCIATED CONTROLLING OBSTRUCTION.

06/15/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/02/2023.
1. ADDED KALB DP ALBANY TO FIX USE.

07/19/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/15/2023.
1. ADDED FIX USE DP DEVIL AT KEWR.
2. DELETED FIX USE IAP VOR RWY 4L AT KJFK.
3. DELETED FIX USE STAR HUDSON AT KPOU AND KSWF.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 11/30/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by* ***MICHAEL GARRITY*** Sep 26, 2023

QUALITY 14 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DEER PARK VOR/DME **STATE:** NY **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 404730.30N/0731813.17W **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	DIST FROM FAC FEET	MRA	MAA
1	DEER PARK	DPK	VOR/DME	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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N	DPK	VOR/DME	020.00	200.00	L	1		3000	6000	4	5
2	E	DPK	VOR/DME	078.09	258.09	L	1		3000	6000	4	5
3	E		WP	079.00	259.00	L		4	4000	6000	5	6
4	SW	DPK	VOR/DME	207.39	027.39	R	1 1/2		15000	17000	15	16
5	N		WP	020.00	200.00	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (36-000350)	404659.08N/0732201.78W	561	1D
1	310	STACK (36-001996)	405526.07N/0732037.12W	636	1D
2	200	TOWER (36-000250)	404855.35N/0731042.40W	583	1D
3	200	TOWER (36-000250)	404855.35N/0731042.40W	583	1D
4	265	STACK (36-001996)	405526.07N/0732037.12W	636	1D
5	200	STACK (36-001996)	405526.07N/0732037.12W	636	1D
5	310	STACK (36-001996)	405526.07N/0732037.12W	636	1D

REASON FOR NONSTANDARD HOLDING:
PAT 1 AIR TRAFFIC AIRSPACE
PAT 2 AIR TRAFFIC AIRSPACE
PAT 3 AIR TRAFFIC AIRSPACE

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 14	KFRG	FARMINGDALE	NY (US)
5	RNAV (GPS) Y RWY 14	KFRG	FARMINGDALE	NY (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: W12/1975.
HOLDING PAT 3 PER ATC REQUEST AND IS BASED ON KJFK MAG VAR.

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	MORRISTOWN			KMMU	MORRISTOWN	NJ (US)
DP	DEVIL			KEWR	NEWARK	NJ (US)
DP	LIBERTY			KEWR	NEWARK	NJ (US)
DP	NEWARK			KEWR	NEWARK	NJ (US)
DP	TETERBORO			KTEB	TETERBORO	NJ (US)
DP	DEEZZ (RNAV)			KFRG	FARMINGDALE	NY (US)
DP	LONG ISLAND			KISP	NEW YORK	NY (US)
DP	DEEZZ (RNAV)			KJFK	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	PROP			KHPN	WHITE PLAINS	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
EN ROUTE	J95					(US)
EN ROUTE	Q419					(US)
EN ROUTE	Q450					(US)
EN ROUTE	Q481					(US)
EN ROUTE	V1					(US)
EN ROUTE	V44					(US)
EN ROUTE	V46					(US)
EN ROUTE	V483					(US)
IAP	ILS OR LOC RWY 14		1	KFRG	FARMINGDALE	NY (US)
IAP	RNAV (GPS) RWY 1		5	KFRG	FARMINGDALE	NY (US)
IAP	RNAV (GPS) RWY 19		5	KFRG	FARMINGDALE	NY (US)
IAP	RNAV (GPS) Y RWY 14		5	KFRG	FARMINGDALE	NY (US)
IAP	ILS OR LOC RWY 24			KISP	NEW YORK	NY (US)

QUALITY 14 CHECKED

IAP	ILS OR LOC RWY 6		KISP	NEW YORK	NY (US)
IAP	ILS RWY 6 (SA CAT I & II)		KISP	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 13L	2	KJFK	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 22L		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 OR LOC RWY 4R	2	KJFK	NEW YORK	NY (US)
IAP	ILS RWY 13L (CAT II)	2	KJFK	NEW YORK	NY (US)
IAP	ILS RWY 22L (CAT II & III)		KJFK	NEW YORK	NY (US)
IAP	ILS RWY 4R (CAT II & III)	2	KJFK	NEW YORK	NY (US)
IAP	RNAV (GPS) RWY 22R		KJFK	NEW YORK	NY (US)
IAP	RNAV (GPS) X RWY 22L		KJFK	NEW YORK	NY (US)
IAP	RNAV (GPS) Y RWY 22L		KJFK	NEW YORK	NY (US)
IAP	RNAV (GPS) Y RWY 31L		KJFK	NEW YORK	NY (US)
IAP	RNAV (GPS) Y RWY 31R		KJFK	NEW YORK	NY (US)
IAP	RNAV (RNP) Z RWY 22L		KJFK	NEW YORK	NY (US)
IAP	RNAV (RNP) Z RWY 31L		KJFK	NEW YORK	NY (US)
IAP	RNAV (RNP) Z RWY 31R		KJFK	NEW YORK	NY (US)
IAP	VOR OR GPS RWY 13 L/R	2	KJFK	NEW YORK	NY (US)
IAP	VOR RWY 22L		KJFK	NEW YORK	NY (US)
IAP	VOR RWY 31L		KJFK	NEW YORK	NY (US)
IAP	VOR RWY 4R	2	KJFK	NEW YORK	NY (US)
IAP	COPTER ILS OR LOC RWY 13		KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 13		KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 22		KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 4		KLGA	NEW YORK	NY (US)
IAP	ILS RWY 22 (SA CAT I & II)		KLGA	NEW YORK	NY (US)
IAP	LOC RWY 31		KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 6		KHWV	SHIRLEY	NY (US)
IAP	VOR RWY 6		KHWV	SHIRLEY	NY (US)
IAP	ILS OR LOC RWY 16		KHPN	WHITE PLAINS	NY (US)
IAP	ILS OR LOC RWY 34		KHPN	WHITE PLAINS	NY (US)
IAP	ILS RWY 16 (SA CAT I - II)		KHPN	WHITE PLAINS	NY (US)
STAR	NOBBI		KDXR	DANBURY	CT (US)
STAR	RICED		KDXR	DANBURY	CT (US)
STAR	VALRE		KDXR	DANBURY	CT (US)
STAR	DEER PARK		KBDL	WINDSOR LOCKS	CT (US)
STAR	DEER PARK		KCEF	SPRINGFIELD/CHICOPEE	MA (US)
STAR	DEER PARK		KBAF	WESTFIELD/SPRINGFIELD	MA (US)
STAR	CAMRN		KFRG	FARMINGDALE	NY (US)
STAR	PAWLING		KFRG	FARMINGDALE	NY (US)
STAR	CAMRN		KJFK	NEW YORK	NY (US)
STAR	PAWLING		KJFK	NEW YORK	NY (US)
STAR	HAARP		KLGA	NEW YORK	NY (US)
STAR	NOBBI		KLGA	NEW YORK	NY (US)
STAR	HUDSON		KSWF	NEW YORK	NY (US)
STAR	BOUNO	4	KHPN	WHITE PLAINS	NY (US)
STAR	NOBBI		KHPN	WHITE PLAINS	NY (US)
STAR	RICED		KHPN	WHITE PLAINS	NY (US)
STAR	VALRE		KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 35 **DATE OF REVISION:** 11/30/2023

REASON FOR REVISION:
1. CHANGED FIX USE KSWF ARRIVAL CITY FROM NEWBURGH TO NEW YORK.
2. DELETED AIRSPACE DOCKET: 21-AEA-11.
3. CHANGED CONTROLLING OBSTRUCTION FOR PAT 1 AIRSPEED 310, PAT 4, AND PAT 5 FROM 636 STACK (36-000311) 405519.44N/0732035.39W AC 4D TO 636 STACK (36-001996) 405526.07N/0732037.12W AC 1D.

07/18/2023: THIS IS AN UPDATED FORM DEVELOPED ON 05/02/2023.
1. ADDED FIX USE DP DEVIL AT KEWR.
2. DELETED FIX USE IAP VOR RWY 4 AT KLGA.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 11/30/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by*
MICHAEL GARRITY
Sep 26, 2023

QUALITY 14 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: EILEN **STATE:** CT **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 410924.70N/0725126.30W **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	DIST FROM FAC FEET	MRA	MAA
1	CALVERTON	CCC	VOR/DME	L	002.00	349.00	13.88	13.88		3300	17500
2	BRIDGEPORT	BDR	VOR/DME	L	103.00	091.00		12.11		3300	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOUNO	1, 2		KHPN	WHITE PLAINS	NY (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 08/10/2023

REASON FOR REVISION:
1. ADDED DIST FROM FAC FOR FAC 1 AND 2.
2. UPDATED FIX USE TO CURRENT CRITERIA.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 08/10/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by*
MICHAEL GARRITY
Sep 26, 2023

QUALITY 14 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GWENY **STATE:** NY **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 405539.64N/0730137.39W **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	DIST FROM FAC FEET	MRA	MAA
1	DEER PARK	DPK	VOR/DME	L	069.00	057.00	15.00	15.00		5000	17500
2	BRIDGEPORT	BDR	VOR/DME	L	174.40	162.40		14.66		5000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOUNO	1, 2		KHPN	WHITE PLAINS	NY (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 08/10/2023

REASON FOR REVISION:
1. ADDDED DIST FROM FAC DATA FOR FAC 1, FAC 2 IN FIX MAKE-UP FACILITIES.
2. UPDATED BOUNO STAR INFORMATION IN FIX USE TO CURRENT CRITERIA.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 08/10/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by*
MICHAEL GARRITY
Sep 26, 2023

QUALITY 14 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KKONG **STATE:** NJ **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 395048.84N/0740048.98W **TYPE:** INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	SEA ISLE	SIE	VORTAC	VH	047.81	038.81	58.01	58.01		15000	45000
2	COYLE	CYN	VORTAC	H	094.63	084.63		19.40		15000	45000

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW	SIE	VORTAC	227.81	047.81	R	1 1/2		24000	30000	21	24

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOUNO	1, 2	1	KHPN	WHITE PLAINS	NY (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/30/2023

REASON FOR REVISION:
06/14/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/02/2023.
1. CHANGED HOLDING TEMPLATE SIZE FROM 20/25 TO 21/24.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 08/10/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by*
MICHAEL GARRITY
Sep 26, 2023

QUALITY 14 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RYMES **STATE:** CT **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 411130.00N/0733150.72W **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	DIST FROM FAC FEET	MRA	MAA
1	LA GUARDIA	LGA	VOR/DME	L	044.00	032.00	28.88	28.88		5000	17500
2	CARMEL	CMK	VOR/DME	L	168.63	156.63	5.78	5.78		2500	17500
3	BRIDGEPORT	BDR	VOR/DME	L	287.89	275.89	18.50	18.50		4000	17500
4	DEER PARK	DPK	VOR/DME	L	348.79	336.79		26.10		5000	17500
5	MADISON	MAD	VOR/DME	L	272.35	259.35		38.65		4000	17500

FIX RESTRICTIONS:
MRA V483 5000
MRA V123 5000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
CARMEL (FAC 2) AND BRIDGEPORT (FAC 3) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V123	1, 2, 3, 5				(US)
EN ROUTE	V483	1, 2, 3, 5				(US)
IAP	RNAV (GPS) Y RWY 34			KHPN	WHITE PLAINS	NY (US)
STAR	NOBBI	1, 2, 3, 4, 5		KLGA	NEW YORK	NY (US)
STAR	BOUNO	2, 3, 5		KHPN	WHITE PLAINS	NY (US)
STAR	RICED	2, 3		KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 **DATE OF REVISION:** 11/30/2023

REASON FOR REVISION:
1. FAC 2 MB CHANGED FROM 168.61 TO 168.63; DME/DIST FROM FAC FROM 5.77 TO 5.78.
2. FAC 3 MRA CHANGED FROM 5500 TO 4000.
3. REMOVED LEAST DIVERGENCE ANGLE REMARKS.
4. ADDED FACS 2, 3 USED TO ESTABLISH FIX COORDINATES TO REMARKS.
5. REFORMATTED FIX USE (SPLIT V123-483).
6. CONTROLLER CHANGED TO CONTROLLER LOW.

06/14/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/02/2023.
1. DELETED FAC 5 TO BOUNO STAR IN FIX USE.
2. ADDED FAC 4 TO BOUNO STAR IN FIX USE.

07/18/2023: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/14/2023.
1. FIX MAKE-UP: ADDED DME TO FAC LGA.
2. FIX RESTRICTIONS: ADDED MRA V123 5000.
3. FIX RESTRICTIONS: CHANGED MRA V483 5000 NORTHEAST BOUND TO MRA V483 5000.
4. FIX USE: REMOVED FAC 4 FROM V123 AND V483, ADDED FAC 1 TO V483.
5. FIX USE: DELETED FAC 4 FROM BOUNO STAR.
6. FIX USE: ADDED FAC 5 TO BOUNO STAR.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 11/30/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by* ***MICHAEL GARRITY*** Sep 26, 2023

QUALITY 14 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SOUND **STATE:** NY **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 405151.66N/0730922.49W **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	DIST FROM FAC FEET	MRA	MAA
1	DEER PARK	DPK	VOR/DME	L	069.00	057.00	8.00	8.00		5000	17500
2	BRIDGEPORT	BDR	VOR/DME	L	196.65	184.65		17.83		5000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOUNO	1, 2		KHPN	WHITE PLAINS	NY (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 08/10/2023

REASON FOR REVISION:
1. ADDDED DIST FROM FAC DATA FOR FAC 1, FAC 2 IN FIX MAKE-UP FACILITIES.
2. UPDATED BOUNO STAR INFORMATION IN FIX USE TO CURRENT CRITERIA.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 08/10/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by*
MICHAEL GARRITY
Sep 26, 2023

QUALITY 14 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WESTO **STATE:** CT **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 410928.86N/0725600.43W **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	DIST FROM FAC FEET	MRA	MAA
1	BRIDGEPORT	BDR	VOR/DME	L	103.00	091.00	8.66	8.66		3300	17500
2	CALVERTON	CCC	VOR/DME	L	349.00	336.00		15.00		3300	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOUNO	1, 2		KHPN	WHITE PLAINS	NY (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 08/10/2023

REASON FOR REVISION:
1. ADDDED DIST FROM FAC DATA FOR FAC 1, FAC 2 IN FIX MAKE-UP FACILITIES.
2. UPDATED BOUNO STAR INFORMATION IN FIX USE TO CURRENT CRITERIA.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 08/10/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by*
MICHAEL GARRITY
Sep 26, 2023

QUALITY 14 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZAHNN **STATE:** NY **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 410136.37N/0724925.66W **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	DIST FROM FAC FEET	MRA	MAA
1	CALVERTON	CCC	VOR/DME	L	002.00	349.00	5.93	5.93		5000	17500
2	DEER PARK	DPK	VOR/DME	L	069.00	057.00	25.98	25.98		5000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	BOUNO	1, 2		KHPN	WHITE PLAINS	NY (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 08/10/2023

REASON FOR REVISION:
1. ADDDED DIST FROM FAC DATA FOR FAC 1, FAC 2 IN FIX MAKE-UP FACILITIES.
2. UPDATED BOUNO STAR INFORMATION IN FIX USE TO CURRENT CRITERIA.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** WILLIAM MELTON

APPROVED BY: **DATE:** 08/10/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE: *Digitally signed by*
MICHAEL GARRITY
Sep 26, 2023

QUALITY 14 CHECKED