

RADIO FIX AND HOLDING DATA RECORD

NAME: ALBANY VORTAC STATE: NY COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 424450.21N/0734811.46W TYPE:

AIRSPACE DOCKET: 24-AEA-12 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	ALBANY	ALB	VORTAC	L						45000

FIX RESTRICTIONS:

MCA V489 13300 SOUTHWEST BOUND
MCA V91 9700 SOUTHBOUND
MCA V123 6000 SOUTHBOUND
MCA V44 6000 SOUTHBOUND
MCA V157 6000 SOUTHBOUND

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	ALB	VORTAC	283.00	103.00	R	1	4000 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	424330.00N/0740115.00W	821	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

CHART SECTIONAL ATC REQUEST.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ALB MAGNETIC VARIATION W13/1980.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BANGOR			KBGR	BANGOR	ME (US)
DP	ALBANY			KALB	ALBANY	NY (US)
DP	BURLINGTON			KBTV	BURLINGTON	VT (US)
EN ROUTE	J190					(US)
EN ROUTE	J49					(US)
EN ROUTE	J6					(US)
EN ROUTE	Q82					(US)
EN ROUTE	Q935					(US)
EN ROUTE	T291					(US)
EN ROUTE	T299					(US)
EN ROUTE	T300					(US)
EN ROUTE	T461					(US)
EN ROUTE	T608					(US)
EN ROUTE	V123					(US)
EN ROUTE	V146					(US)
EN ROUTE	V157					(US)
EN ROUTE	V213					(US)
EN ROUTE	V44					(US)
EN ROUTE	V489					(US)
EN ROUTE	V91					(US)
IAP	ILS OR LOC RWY 1			KALB	ALBANY	NY (US)
IAP	ILS OR LOC RWY 19			KALB	ALBANY	NY (US)
IAP	ILS RWY 1 (SA CAT II)			KALB	ALBANY	NY (US)
IAP	VOR RWY 28		1	KALB	ALBANY	NY (US)
IAP	RNAV (GPS) RWY 5			5B2	SARATOGA SPRINGS	NY (US)
IAP	ILS OR LOC RWY 4		1	KSCH	SCHENECTADY	NY (US)
IAP	NDB RWY 22			KSCH	SCHENECTADY	NY (US)
IAP	RNAV (GPS) RWY 28			KSCH	SCHENECTADY	NY (US)
IAP	RNAV (GPS) RWY 4			KSCH	SCHENECTADY	NY (US)
STAR	DENNA (RNAV)			KBDR	BRIDGEPORT	CT (US)
STAR	NOBBI (RNAV)			KDXR	DANBURY	CT (US)
STAR	STELA (RNAV)			KHFD	HARTFORD	CT (US)
STAR	DENNA (RNAV)			KHVN	NEW HAVEN	CT (US)
STAR	DENNA (RNAV)			KOXC	OXFORD	CT (US)
STAR	STELA (RNAV)			KBDL	WINDSOR LOCKS	CT (US)
STAR	HYPER (RNAV)			KHEF	WASHINGTON	DC (US)
STAR	HYPER (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	WIPOR (RNAV)			KEWB	NEW BEDFORD	MA (US)
STAR	WIPOR (RNAV)			KPYM	PLYMOUTH	MA (US)
STAR	STELA (RNAV)			KCEF	SPRINGFIELD/CHICOPEE	MA (US)
STAR	WIPOR (RNAV)			KTAN	TAUNTON	MA (US)
STAR	STELA (RNAV)			KBAF	WESTFIELD/SPRINGFIELD	MA (US)

QUALITY
14
CHECKED

STAR	STELA (RNAV)	KORH	WORCESTER	MA (US)
STAR	FLOSI (RNAV)	KEWR	NEWARK	NJ (US)
STAR	SHAFF	KEWR	NEWARK	NJ (US)
STAR	PAWLN (RNAV)	KFRG	FARMINGDALE	NY (US)
STAR	LOVES (RNAV)	KISP	NEW YORK	NY (US)
STAR	NELIE (RNAV)	KISP	NEW YORK	NY (US)
STAR	PAWLN (RNAV)	KJFK	NEW YORK	NY (US)
STAR	HAARP	KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)	KLGA	NEW YORK	NY (US)
STAR	VADDR (RNAV)	KLGA	NEW YORK	NY (US)
STAR	TRESA (RNAV)	KSWF	NEW YORK	NY (US)
STAR	TRESA (RNAV)	KPOU	POUGHKEEPSIE	NY (US)
STAR	NELIE (RNAV)	KFOK	WESTHAMPTON BEACH	NY (US)
STAR	NOBBI (RNAV)	KHPN	WHITE PLAINS	NY (US)
STAR	WIPOR (RNAV)	KUUU	NEWPORT	RI (US)
STAR	WIPOR (RNAV)	KOQU	NORTH KINGSTOWN	RI (US)
STAR	WIPOR (RNAV)	KSFZ	PAWTUCKET	RI (US)
STAR	WIPOR (RNAV)	KPVD	PROVIDENCE	RI (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: SECTIONAL, DP, STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 30

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

ADDED AIRSPACE DOCKET: 24-AEA-12.

FIX USE: REPLACED NOBBI STAR WITH NOBBI (RNAV) AT KDXR, KLGA, AND KHPN.

FIX USE: REMOVED VALRE STAR AT KDXR AND KHPN; ADDED STAR VADDR (RNAV) AT KLGA; ADDED T461.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BARNES VORTAC STATE: MA COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 420943.05N/0724258.32W 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	BARNES	BAF	VORTAC	VL						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	BAF	VORTAC	094.75	274.75	L	1		4000 45000	4 29

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	421109.00N/0724742.00W	1306	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC CONTROL REQUESTED TO PROTECT SECTOR BOUNDARIES

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 FACILITY MAG VAR: 14W 1980.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRADLEY			KBDL	WINDSOR LOCKS	CT (US)
DP	HANSCOM			KBED	BEDFORD	MA (US)
DP	BEVERLY			KBVY	BEVERLY	MA (US)
DP	BLZZR (RNAV)			KBOS	BOSTON	MA (US)
DP	LOGAN			KBOS	BOSTON	MA (US)
DP	REVSS (RNAV)			KBOS	BOSTON	MA (US)
DP	WYLYY (RNAV)			KBOS	BOSTON	MA (US)
DP	LAWRENCE			KLWM	LAWRENCE	MA (US)
DP	NORWOOD			KOWD	NORWOOD	MA (US)
DP	NUBLE (RNAV)			KPWM	PORTLAND	ME (US)
DP	PPOINT (RNAV)			KMHT	MANCHESTER	NH (US)
EN ROUTE	Q406					(US)
EN ROUTE	Q448					(US)
EN ROUTE	Q480					(US)
EN ROUTE	T314					(US)
EN ROUTE	T460					(US)
EN ROUTE	V146					(US)
EN ROUTE	V292					(US)
EN ROUTE	V405					(US)
IAP	COPTER ILS OR LOC RWY 6		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	ILS OR LOC RWY 24		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	ILS OR LOC RWY 33		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	ILS OR LOC RWY 6		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	ILS RWY 24 (SA CAT I - II)		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	ILS RWY 6 (CAT II - III)		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	ILS RWY 6 (SA CAT I)		1	KBDL	WINDSOR LOCKS	CT (US)
IAP	VOR/DME-B			7B2	NORTHAMPTON	MA (US)
IAP	ILS OR LOC RWY 20			KBAF	WESTFIELD/SPRINGFIELD	MA (US)
IAP	VOR OR TACAN RWY 2			KBAF	WESTFIELD/SPRINGFIELD	MA (US)
IAP	VOR RWY 20			KBAF	WESTFIELD/SPRINGFIELD	MA (US)
IAP	RNAV (GPS) RWY 11			KORH	WORCESTER	MA (US)
STAR	NOBBI (RNAV)			KDXR	DANBURY	CT (US)
STAR	HYPER (RNAV)			KHEF	WASHINGTON	DC (US)
STAR	HYPER (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	STELA (RNAV)			KCEF	SPRINGFIELD/CHICOPEE	MA (US)
STAR	STELA (RNAV)			KBAF	WESTFIELD/SPRINGFIELD	MA (US)
STAR	STELA (RNAV)			KORH	WORCESTER	MA (US)
STAR	FLOSI (RNAV)			KEWR	NEWARK	NJ (US)
STAR	SHAFF			KEWR	NEWARK	NJ (US)
STAR	NOBBI (RNAV)			KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)			KHPN	WHITE PLAINS	NY (US)
STAR	HYPER (RNAV)			KCJR	CULPEPER	VA (US)
STAR	HYPER (RNAV)			KEZF	FREDERICKSBURG	VA (US)
STAR	HYPER (RNAV)			KFRF	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)

QUALITY
14
CHECKED

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, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

FIX USE: REPLACED STAR NOBBI WITH NOBBI (RNAV) AT DXR, LGA, AND HPN.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BIZEX

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 411702.86N/0733450.20W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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		WP	056.61	236.61	R	10	18000 45000	17 30
2	N		WP	006.00	186.00	L	4	3000 17000	5 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	413112.00N/0733206.00W	1333	4B
2	200	AAO	412518.00N/0733142.00W	1221	4B

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST

REMARKS:

10 NM HOLDING LEG FOR PAT 1 PER ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PATSS (RNAV)			KBOS	BOSTON	MA (US)
EN ROUTE	Q133					(US)
EN ROUTE	Q75					(US)
STAR	NOBBI (RNAV)		2	KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)		2	KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

REMOVED AIRSPACE DOCKET 24-AEA-4.

ADDED PAT 1 CONTROLLING OBS.

ADDED PAT 2.

FIX USE: ADDED STAR NOBBI (RNAV) AT KLGA AND KHPN.

ADDED STAR TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

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	MRA	MAA
1	CARMEL	CMK	VOR/DME	L						45000

HOLDING: HOLDING TYPE OF ACTION: MODIFY

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		WP	076.76	256.76	R		4	2300	7000	5	9

CONTROLLING OBSTRUCTIONS:

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

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	WENTZ (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	LAGUARDIA			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	T634					(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		1	KHPN	WHITE PLAINS	NY (US)
IAP	RNAV (RNP) Z RWY 16		1	KHPN	WHITE PLAINS	NY (US)
IAP	RNAV (RNP) Z RWY 34		1	KHPN	WHITE PLAINS	NY (US)
STAR	RICED			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	LOVES			KISP	NEW YORK	NY (US)
STAR	BOUNO			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: 34

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

REMOVED NOBBI STAR AT KDXR, KLGA, AND KHPN FROM FIX USE.
 DELETED HOLDING PAT 1.

QUALITY
14
CHECKED

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CASSH

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 413538.16N/0734217.07W

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	FAC FEET	MRA	MAA
1	CARMEL	CMK	VOR/DME	L	355.56	343.56	19.63	19.63		3000	17500
2	PAWLING	PWL	VOR/DME	L	215.98	203.98	11.54	11.54		3000	17500
3	KINGSTON	IGN	VOR/DME	L	141.02	129.02	6.81	6.81		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PAWLING (FAC 2) AND KINGSTON (FAC 3) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T634					(US)
EN ROUTE	V123	1, 2, 3				(US)
EN ROUTE	V405	1, 2, 3				(US)
EN ROUTE	V483	1, 2, 3				(US)
STAR	NOBBI (RNAV)			KDXR	DANBURY	CT (US)
STAR	NOBBI (RNAV)			KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)			KHPN	WHITE PLAINS	NY (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

REMOVED AIRSPACE DOCKET 23-AEA-12.

FIX USE: REPLACED NOBBI STAR WITH NOBBI (RNAV) AT KLGA; ADDED NOBBI (RNAV) AT KDXR AND KHPN.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CRALY

STATE: CT

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 410437.96N/0733733.79W

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	FEET	MRA	MAA
1	LA GUARDIA	LGA	VOR/DME	L	044.00	032.00	20.77	20.77		3000	17500
2	DEER PARK	DPK	VOR/DME	L	331.53	319.53		22.54		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	LGA	VOR/DME	044.00	224.00	L	1		3000	8000	7	7
2	NE		WP	044.16	224.16	L		4	3000	8000	7	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	210	AAO	411442.00N/0733427.00W	1067	4B
2	210	AAO	411442.00N/0733427.00W	1067	4B

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERN.
PAT 2 CHART 210K ICON

REMARKS:

LA GUARDIA (FAC 1) AND DEER PARK (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V123	1, 2				(US)
EN ROUTE	V157	1, 2	1			(US)
STAR	HAARP	1, 2	1	KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)		2	KLGA	NEW YORK	NY (US)
STAR	VADDR (RNAV)		2	KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)		2	KHPN	WHITE PLAINS	NY (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

ADDED WP TO FIX TYPE.
CHANGED PAT 1 MIN TEMPLATE FROM 5 TO 7.
CHANGED PAT 1 CONTROLLING OBS AIRSPEED FROM 200 TO 210; CHANGED OBS FROM AAO 411106.00N/0733751.00W 919 4E TO AAO 411442.00N/0733427.00W 4B.
ADDED HOLDING PAT 2 AND ASSOCIATED INFO.
FIX USE: REPLACED NOBBI STAR WITH NOBBI (RNAV) AT KLGA; ADDED STARS NOBBI (RNAV) AT KHPN AND VADDR (RNAV) AT KLGA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CYPER

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 420632.37N/0741625.52W

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	FEET	MRA	MAA
1	ROCKDALE	RKA	VOR/DME	L	127.17	116.17	48.04	48.04		10000	35000
2	ALBANY	ALB	VORTAC	L	221.80	208.80	43.62	43.62		15000	35000
3	PAWLING	PWL	VOR/DME	L	316.24	304.24	36.37	36.37		6100	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RKA	VOR/DME	R-127	49	10000	35000
ALB	VORTAC	R-222	44	15000	35000

FIX RESTRICTIONS:

MCA V489 15000 SOUTHWEST BOUND
MCA V489 15000 NORTHEAST BOUND
MRA V489 15000
MRA V433 15000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ROCKDALE (FAC 1) AND ALBANY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
ATC REQUEST SECTIONAL CHARTING.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T299					(US)
EN ROUTE	T705					(US)
EN ROUTE	V433	1, 2, 3				(US)
EN ROUTE	V489	1, 2, 3				(US)
STAR	DENNA (RNAV)			KBDR	BRIDGEPORT	CT (US)
STAR	NOBBI (RNAV)			KDXR	DANBURY	CT (US)
STAR	DENNA (RNAV)			KHVN	NEW HAVEN	CT (US)
STAR	DENNA (RNAV)			KOXC	OXFORD	CT (US)
STAR	HAARP	2, 3		KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)			KLGA	NEW YORK	NY (US)
STAR	VADDR (RNAV)			KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)			KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

FIX USE: REPLACED NOBBI STAR WITH NOBBI (RNAV) AT KLGA, KDXR, AND KHPN; ADDED VADDR (RNAV) AT KLGA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HAARP

STATE: CT

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 410658.87N/0733536.54W

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	FEET	MRA	MAA
1	LA GUARDIA	LGA	VOR/DME	L	044.00	032.00	23.54	23.54		3000	17500
2	DEER PARK	DPK	VOR/DME	L	338.00	326.00		23.50		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	NE	LGA	VOR/DME	044.00	224.00	L	1		3000	6000	5	14
2	N		WP	339.00	159.00	R		4	4000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	411421.00N/0733448.00W	1076	4E
1	310	AAO	411900.00N/0733230.00W	1244	4E
2	200	AAO	411106.00N/0734054.00W	1017	4B

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS RWY 16 (SA CAT I & II)	KHPN	WHITE PLAINS	NY (US)
1	ILS OR LOC RWY 16	KHPN	WHITE PLAINS	NY (US)

REMARKS:

LA GUARDIA (FAC 1) AND DEER PARK (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V123	1, 2				(US)
EN ROUTE	V157	1, 2				(US)
IAP	RNAV (GPS) Y RWY 13			KLGA	NEW YORK	NY (US)
IAP	RNAV (RNP) Z RWY 22			KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 16	1, 2	1	KHPN	WHITE PLAINS	NY (US)
IAP	ILS OR LOC RWY 34		2	KHPN	WHITE PLAINS	NY (US)
IAP	ILS RWY 16 (SA CAT I & II)	1, 2	1	KHPN	WHITE PLAINS	NY (US)
IAP	RNAV (GPS) Y RWY 34		2	KHPN	WHITE PLAINS	NY (US)
IAP	RNAV (RNP) Z RWY 34			KHPN	WHITE PLAINS	NY (US)
IAP	SOUND VISUAL RWY 34	1, 2		KHPN	WHITE PLAINS	NY (US)
STAR	VALRE (RNAV)			KDXR	DANBURY	CT (US)
STAR	HAARP	1, 2		KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)			KLGA	NEW YORK	NY (US)
STAR	VADDR (RNAV)			KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)			KHPN	WHITE PLAINS	NY (US)
STAR	VALRE (RNAV)			KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

FIX USE: REMOVED NOBBI STAR AT KDXR, KLGA, AND KHPN; ADDED STAR NOBBI (RNAV) AT KHPN AND KLGA.
FIX USE: REMOVED VALRE STAR AT KDXR AND KHPN; ADDED STAR VALRE (RNAV) AT KDXR AND KHPN.
FIX USE: ADDED STAR VADDR (RNAV) AT KLGA.
CHANGED PAT 1 MAX TEMPLATE FROM 6 TO 14.
ADDED ILS OR LOC RWY 16 AND ILS RWY 16 (SA CAT I & II) TO PROCEDURES REQUIRING CLIMB-IN-HOLD.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

QUALITY
14
CHECKED

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: KNUXX

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 412428.24N/0733753.06W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
STAR

USE TITLE
NOBBI (RNAV)

FAC

PAT

AIRPORT IDENT
KDXR

CITY
DANBURY

STATE
CT (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/27/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 412526.34N/0733816.09W **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	MRA	MAA
1	CARMEL	CMK	VOR/DME	L	355.54	343.54	9.00	9.00	3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

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	N		WP	356.00	176.00	L		4	6000	8000	6	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	413351.00N/0734136.00W	1533	4B

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T634					(US)
EN ROUTE	V123	1				(US)
EN ROUTE	V405	1				(US)
EN ROUTE	V483	1				(US)
IAP	RNAV (GPS) RWY 26			KDXR	DANBURY	CT (US)
IAP	RNAV (GPS) RWY 35			44N	MILLBROOK	NY (US)
STAR	NOBBI (RNAV)		1	KDXR	DANBURY	CT (US)
STAR	NOBBI (RNAV)		1	KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)		1	KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 11/27/2025

REASON FOR REVISION:

REMOVED AIRSPACE DOCKET 23-AEA-12.
 ADDED FAC 1 DISTANCE FROM FAC 9 NM.
 REMOVED CMK CONVENTIONAL HOLDING AND ESTABLISHED NEW WP HOLDING.
 CHANGED PAT 1 CONTROLLING OBS FROM 200' AAO 413200.00N/0734109.00W 1575 5E TO AAO 413351.00N/0734136.00W 1533 4B.
 CHANGED PAT 1 AIRSPEED FROM 230 TO 200.
 FIX USE: NOBBI STAR REPLACED WITH NOBBI (RNAV) AT KLGA; ADDED NOBBI (RNAV) AT KDXR AND KHPN.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A433	NAME: GUY COPELAND
APPROVED BY:	DATE: 10/23/2025	OFFICE: AJV-A430	NAME: BEV L BORDY
SIGNATURE:			

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PETER

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 421218.93N/0743150.25W

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	ROCKDALE	RKA	VOR/DME	L	127.17	116.17	35.21	35.21		10000	17500
2	DELANCEY	DNY	VOR/DME	L	095.99	084.99	19.08	19.08		6000	17500

FIX RESTRICTIONS:

MCA V433 10000 SOUTHEAST BOUND
MCA V433 10000 NORTHWEST BOUND
MCA T458 5700 EASTBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ROCKDALE (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T458					(US)
EN ROUTE	T705					(US)
EN ROUTE	V433	1, 2				(US)
STAR	DENNA (RNAV)			KBDR	BRIDGEPORT	CT (US)
STAR	NOBBI (RNAV)			KDXR	DANBURY	CT (US)
STAR	DENNA (RNAV)			KHVN	NEW HAVEN	CT (US)
STAR	DENNA (RNAV)			KOXC	OXFORD	CT (US)
STAR	PAWLN (RNAV)			KFRG	FARMINGDALE	NY (US)
STAR	LOVES (RNAV)			KISP	NEW YORK	NY (US)
STAR	PAWLN (RNAV)			KJFK	NEW YORK	NY (US)
STAR	HAARP	1		KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)			KLGA	NEW YORK	NY (US)
STAR	VADDR (RNAV)			KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)			KHPN	WHITE PLAINS	NY (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

FIX USE: REPLACED NOBBI STAR WITH NOBBI (RNAV) AT KLGA, KDXR, AND KHPN; ADDED VADDR (RNAV) AT KLGA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RAHKS

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 422759.28N/0751421.68W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	NW		WP	307.00	127.00	L	10	8000 18000	15 17
2	NW		WP	313.00	133.00	L	10	11000 23000	15 20
3	NW		WP	305.00	125.00	L	10	8000 18000	15 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	422515.00N/0750045.00W	2369	4B
2	230	TOWER (36-000444)	422512.02N/0750042.37W	2436	5E
3	230	AAO	422539.00N/0750133.00W	2356	4B

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST
PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S).

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T634					(US)
STAR	DENNA (RNAV)			KBDR	BRIDGEPORT	CT (US)
STAR	NOBBI (RNAV)		2	KDXR	DANBURY	CT (US)
STAR	STELA (RNAV)			KHFD	HARTFORD	CT (US)
STAR	DENNA (RNAV)			KHVN	NEW HAVEN	CT (US)
STAR	DENNA (RNAV)			KOXC	OXFORD	CT (US)
STAR	STELA (RNAV)			KBDL	WINDSOR LOCKS	CT (US)
STAR	STELA (RNAV)			KCEF	SPRINGFIELD/CHICOPEE	MA (US)
STAR	STELA (RNAV)		1	KBAF	WESTFIELD/SPRINGFIELD	MA (US)
STAR	STELA (RNAV)			KORH	WORCESTER	MA (US)
STAR	PAWLN (RNAV)			KFRG	FARMINGDALE	NY (US)
STAR	LOVES (RNAV)			KISP	NEW YORK	NY (US)
STAR	PAWLN (RNAV)			KJFK	NEW YORK	NY (US)
STAR	NOBBI (RNAV)		2	KLGA	NEW YORK	NY (US)
STAR	VADDR (RNAV)		3	KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)		2	KHPN	WHITE PLAINS	NY (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

ADDED HOLDING PATTERN 2 AND 3.
CHANGED PAT 1 CONTROLLING OBS FROM AAO 422539.00N/0750133.00W 2356 4B TO AAO 422515.00N/0750045.00W 2369 4B.
ADDED STAR NOBBI (RNAV) AT KDXR, KLGA, AND KHPN TO FIX USE.
ADDED STAR VADDR (RNAV) AT KLGA TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

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	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	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, 4				(US)
EN ROUTE	V483	1, 2, 3, 4				(US)
IAP	ILS OR LOC RWY 34			KHPN	WHITE PLAINS	NY (US)
IAP	ILS OR LOC RWY 34			KHPN	WHITE PLAINS	NY (US)
IAP	RNAV (GPS) Y RWY 34			KHPN	WHITE PLAINS	NY (US)
STAR	NOBBI (RNAV)			KLGA	NEW YORK	NY (US)
STAR	BOUNO	2, 3, 4		KHPN	WHITE PLAINS	NY (US)
STAR	NOBBI (RNAV)			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: 12

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

REMOVED DEER PARK VOR/DME FROM FIX MAKE UP FACILITIES.

FIX USE: REPLACED NOBBI STAR WITH NOBBI (RNAV) AT KLGA; ADDED NOBBI (RNAV) AT KHPN.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TRESA

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 415249.61N/0734906.80W

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	FEET	MRA	MAA
1	PAWLING	PWL	VOR/DME	L	316.24	304.24	11.82	11.82		3100	17500
2	KINGSTON	IGN	VOR/DME	VL	012.73	000.73	12.89	12.89		3000	17500
3	CARMEL	CMK	VOR/DME	L	355.55	343.55		37.55		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PAWLING (FAC 1) AND KINGSTON (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T212					(US)
EN ROUTE	T705					(US)
EN ROUTE	V123		1, 3			(US)
EN ROUTE	V157		1, 2			(US)
EN ROUTE	V433		1, 2, 3			(US)
IAP	RNAV (GPS) RWY 22			KMGJ	MONTGOMERY	NY (US)
IAP	RNAV (GPS) RWY 16			KSWF	NEW YORK	NY (US)
STAR	DENNA (RNAV)			KBDR	BRIDGEPORT	CT (US)
STAR	NOBBI (RNAV)			KDXR	DANBURY	CT (US)
STAR	DENNA (RNAV)			KHVN	NEW HAVEN	CT (US)
STAR	DENNA (RNAV)			KOXC	OXFORD	CT (US)
STAR	HAARP		1, 2	KLGA	NEW YORK	NY (US)
STAR	NOBBI (RNAV)			KLGA	NEW YORK	NY (US)
STAR	VADDR (RNAV)			KLGA	NEW YORK	NY (US)
STAR	TRESA (RNAV)			KSWF	NEW YORK	NY (US)
STAR	TRESA (RNAV)			KPOU	POUGHKEEPSIE	NY (US)
STAR	NOBBI (RNAV)			KHPN	WHITE PLAINS	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

REMOVED FACILITY 4 ALBANY VORTAC AND ASSOCIATED ESV.

REMOVED REMARK DO NOT CHART FAC 4 (ALB) ON EN ROUTE CHARTS.

FIX USE: REPLACED NOBBI STAR WITH NOBBI (RNAV) AT KLGA, KDXR, AND KHPN; ADDED VADDR (RNAV) AT KLGA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

QUALITY
14
CHECKED