

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

INFORMATION ONLY

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

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

INFORMATION ONLY