

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

AIRPORT ID HPN	PROCEDURE NAME RNAV (GPS) Y RWY 34	ORIGINAL/AMENDMENT 4	CITY WHITE PLAINS	STATE NY
AIRPORT ELEVATION 439	TDZE 401	SUPERSEDED RNAV (GPS) Y RWY 34	DATED 12/07/2017	MAG VAR 13W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 30 OCTOBER 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2020
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RYMES		HAARP		TF	FB	1.00	225.21	5.34	4000
HAARP		TOEDO		TF	FB	1.00	155.94	3.35	4000
TOEDO		TAYSH		TF	FB	1.00	186.66	4.02	3000
SIGHH		TAYSH		TF	FB	1.00	256.59	9.26	3000
TAYSH	IAF	TWORF	NOPT	TF	FB	1.00	256.42	4.74	2000
SGRET	IAF	TWORF	NOPT	TF	FB	1.00	072.23	4.10	2000
JETAX	IAF	TWORF	NOPT	TF	FB	1.00	343.00	3.27	2000
TWORF	IF/IAF	ISLET		TF	FB	1.00	342.96	3.22	1400
ISLET	FAF	RW34	MAP	TF	FO	0.30	342.94	3.03	
RW34	MAP	651 MSL		CA			342.94		
651 MSL		BODRE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT BODRE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD S TWORF, RT, 343.00 INBOUND, 2000 IN LIEU OF PT (IAF), MAX 2000.					
3. FAC: 342.94	FAF: ISLET		DIST FAF TO MAP: 3.03	DIST FAF TO THLD: 3.03	
4. MIN ALT: TWORF 2000, ISLET 1400					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.68	GS ANT:
6. MIN GP INCPT: 1400	GP ALT AT PFAF: ISLET 1400		OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 55.2		
8. MSA FROM: RW34 2900					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: CIRCLING RWY 11, 29 NA AT NIGHT.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RYMES ON V483 NORTHBOUND AND V123 NORTHEAST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HAARP ON V123-157 NORTHEAST BOUND.
 CHART SPEED ICON IN PLANVIEW AT HAARP: MAX 250 KIAS.
 CHART SPEED ICON IN PLANVIEW AT TOEDO: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT SIGHH: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT TAYSH: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT SGRET: MAX 200 KIAS.
 CHART SPEED ICON IN PLANVIEW AT JETAX: MAX 200 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 163.00 INBOUND.
 CHART ARRIVAL HOLDING AT HAARP: HOLD N, RT, 159.00 INBOUND, 4000.
 CHART ARRIVAL HOLDING AT SIGHH: HOLD E, RT, 257.00 INBOUND, 3000.
 CHART FAS OBST: 585 TOWER (36-049464) 410401N/0734143W.
 CHART VDP AT 1.27 NM TO RW34.
 WAAS CHANNEL # 99410
 REFERENCE PATH ID: W34A
 CHART MANDATORY 2000 AT TWORF.
 LTP HAE: 85.1 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA STANDARD - CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	651	3/4	250	651	3/4	250	651	3/4	250	651	3/4	250				
LNAV/VNAV DA	780	1	379	780	1	379	780	1	379	780	1	379				
LNAV MDA	840	1	439	840	1	439	840	1 1/4	439	840	1 1/4	439				
CIRCLING	980	1	541	980	1	541	1080	1 3/4	641	1200	2 1/2	761				

QUALITY
10
CHECKED

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED "BDR VOR/DME TO DABVE", "DABVE TO TUGME", "HAARP TO MOISE", "RYMES TO MOISE", "MOISE TO TUGME", "TUGME TO JETAX", "JETAX TO ISLET", "723 MSL TO HEVAB" AND "HEVAB TO CMK VOR/DME" - AIRSPACE REWORK TO ALIGN PROCEDURES.
2. TERMINAL ROUTES: ADDED "RYMES TO HAARP", "HAARP TO TOEDO", TOEDO TO TAYSH", "SIGHH TO TAYSH", TAYSH TO TWORF", "SGRET TO TWORF", "JETAX TO TWORF", "TWORF TO ISLET" AND "651MSL TO BODRE" - AIRSPACE REWORK TO ALIGN PROCEDURES.
3. TERMINAL ROUTES: CHANGED ISLET TO RW34 DISTANCE FROM "3.00" TO "3.03" - FIX ISLET MOVED 154 FT SOUTHWEST.
4. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 2300 DIRECT HEVAB AND ON TRACK 053.55 TO CMK VOR/DME AND HOLD" TO "CLIMB TO 3000 DIRECT BODRE AND HOLD" - CMK VOR/DME VORMON.
5. PROFILE LINE 2: CHANGED FROM "PROFILE STARTS AT JETAX" TO "HOLD S TWORF, RT, 343.00 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4900" - NEW HILPT.
6. PROFILE LINE 3: DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM "3.00" TO 3.03" - FAF MOVED 154 FT SOUTHWEST.
7. PROFILE LINE 4: MIN ALT CHANGED FROM "JETAX 2000, ISLET 1400" TO "TWORF 2000, ISLET 1400" - IAW 8260.19J 8-6-7.
8. PROFILE LINE 5: ADDED "250 HAT: 0.68" - IAE 8260.19J 8-6-7E.
9. PROFILE LINE 7: ADDED "20:1: IS CLEAR" AND "TCH: 55.2" - IAW 8260.19J 8-6-7.
10. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - IAW 8260.19J 8-6-8D(5).
11. NOTES: REMOVED "DME/DME RNP -0.3 NA" - NO LONGER REQUIRED.
12. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BDR VOR/DME AIRWAY RADIALS 212 CW 248" - BDR VOR/DME VORMON.
13. NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HAARP ON V123-157 NORTHEAST BOUND" - IAW 8260.19J 8-2-5 E(2).
14. NOTES: CHART NOTE CHANGED FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C" - NEW 5 YEAR STUDY.
15. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT HAARP: MAX 250 KIAS", "CHART SPEED ICON IN PLANVIEW AT TOEDO: MAX 210 KIAS", "CHART SPEED ICON IN PLANVIEW AT SIGHH: MAX 210 KIAS", "CHART SPEED ICON IN PLANVIEW AT TAYSH: MAX 210 KIAS", "CHART SPEED ICON IN PLANVIEW AT SGRET: MAX 200 KIAS" AND "CHART SPEED ICON IN PLANVIEW AT JETAX: MAX 200 KIAS" - PER LENGTH REQUIREMENT AND FPT/ATC REQUEST.
16. ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD E, RT, 256.76 INBOUND" TO "HOLD N, RT, 163.00 INBOUND" - NEW MISSED APPROACH HOLDING.
17. ADDITIONAL FLIGHT DATA: ADDED "CHART ARRIVAL HOLDING AT HAARP: HOLD N, RT, 159.00 INBOUND, 4000" AND "CHART ARRIVAL HOLDING AT SIGHH: HOLD E, RT, 257.00 INBOUND, 3000" - PER ATC REQUEST.
18. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "585 TOWER 410401N/0734143W" TO "585 TOWER (36-049464) 410401N/0734143W" - IAW 8260.19J 8-6-11C.
19. ADDITIONAL FLIGHT DATA: REMOVED "LNAV ONLY" - NO LONGER REQUIRED.
20. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 1.27 NM TO RW34" TO "CHART VDP AT 1.27 NM TO RW34" - * NO LONGER REQUIRED.
21. ADDITIONAL FLIGHT DATA: ADDED "CHART MANDATORY 2000 AT TWORF" - IAW 8260.19J 8-6-11 N.
22. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - MANAGEMENT DIRECTED.
23. ALTERNATE: CHANGED FROM "STANDARD - CAT D 800-2 1/2" TO "STANDARD - CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19J 8-6-12.
24. MINIMUMS: UPDATED LPV DA/HAT ALL CATS FROM "723/322" TO "651/250" - NEW CONTROLLING OBSTACLE.
25. MINIMUMS: UPDATED LPV ALL CATS VISIBILITY FROM "6000" TO "3/4" - IAW 8260.3E TABLE 3-3-1.
26. MINIMUMS: UPDATED LNAV/VNAV ALL CATS VISIBILITY FROM "1 1/2" TO "1" - IAW 8260.3E TABLE 3-3-1.
27. MINIMUMS: UPDATED LNAV CATS A AND B VISIBILITY FROM "5000" TO "1", CAT C VISIBILITY FROM "6000" TO 1 1/4" AND CAT D VISIBILITY FROM "1 1/2" TO "1 1/4" - IAW 8260.3E TABLE 3-3-1.
28. CRC REMAINDER CHANGED FROM "359C23A9" TO "DEC6E2FB" - LTP/FTP LAT/LONG CHANGED FROM "410336.0020N/0734205.0480W" TO "410336.0030N/0734205.0485W", FPAP LAT/LONG FROM "410453.1455N/0734304.0960W" TO "410453.1460N/0734304.0975W" AND THRESHOLD CROSSING HEIGHT FROM "55.3" TO "55.2".

09/16/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/04/2025.

1. TERMINAL ROUTES: TWORF TO ISLET REMOVED "PFAF".
2. PROFILE LINE 2: CHANGED MAX FROM "4900" TO "2000".

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZBW, N90, HPN ATCT, AMGR, ATA

FLIGHT CHECKED BY

JAMES MICHAEL HAWLEY

Digitally signed by

RAKE MCGRAW
Sep 18, 2025

OFFICE
FIOG

DATE
08/28/2025

DEVELOPED BY

CASEY HILL (EMMANUEL R. GONZALES)

Digitally signed by

RAKE MCGRAW
Sep 18, 2025

OFFICE
AJV-A431

DATE
04/08/2025

APPROVED BY

CASEY HILL

Digitally signed by

RAKE MCGRAW
Sep 18, 2025

OFFICE
AJV-A431

DATE
09/25/2025

TITLE
MANAGER



AIRPORT ID
HPN

PROCEDURE NAME
RNAV (GPS) Y RWY 34

ORIGINAL/AMENDMENT
4

CITY
WHITE PLAINS

STATE
NY

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHPN
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	410336.0030N
LTP/FTP LONGITUDE	0734205.0485W
LTP/FTP ELLIPSOIDAL HEIGHT	+00851
FPAP LATITUDE	410453.1460N
FPAP LONGITUDE	0734304.0975W
THRESHOLD CROSSING HEIGHT (TCH)	00055.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0752
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER DEC6E2FB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01158
FPAP ORTHOMETRIC HEIGHT	+01158

QUALITY
10
CHECKED