

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.

<u>AIRPORT ID</u> HWV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> SHIRLEY	<u>STATE</u> NY
<u>AIRPORT ELEVATION</u> 81	<u>TDZE</u> 67	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 06/13/2024
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 14W
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BEDYA	IF/IAF	REENE		TF	FB	1.00	329.14	9.87	1400
REENE	FAF	RW33	MAP	TF	FO	0.30	329.04	4.02	
RW33	MAP	346 MSL		CA			329.04		
346 MSL		INOSE		DF	FB	1.00			
INOSE		CCC VOR/DME		TF	FO	1.00	083.14	7.56	2000

MISSED APPROACH

MAP:

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT INOSE AND RIGHT TURN ON TRACK 083.14 TO CCC VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT BEDYA					
3. FAC: 329.04	FAF: REENE		DIST FAF TO MAP: 4.02	DIST FAF TO THLD: 4.02	
4. MIN ALT: BEDYA 4000, REENE 1400					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	279 HAT: 0.75	GS ANT:
6. MIN GP INCPT: 1400	GP ALT AT PFAF: REENE 1400			OM:	MM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 46.0		IM:
8. MSA FROM: RW33 1900					



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.

CHART NOTE: CIRCLING RWY 6,15 NA AT NIGHT.

CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

**ADDITIONAL FLIGHT DATA:**

CHART W-106A.

CHART W-106B.

HOLD E, LT, 265.50 INBOUND.

FAS OBST: 214 AAO 404457N/0724845W.

CHART VDP AT 1.23 NM TO RW33.

WAAS CHANNEL # 40412

REFERENCE PATH ID: W33A

CHART CIRCLING ICON.

LTP HAE: -13 M

**MINIMUMS:****TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b><u>CATEGORY:</u></b>	<b><u>A</u></b>			<b><u>B</u></b>			<b><u>C</u></b>			<b><u>D</u></b>			<b><u>E</u></b>		
<b><u>FINAL TYPE</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>
LPV DA	346	1	279	346	1	279		NA			NA				
LNAV/VNAV DA	449	1 1/8	382	449	1 1/8	382		NA			NA				
LNAV MDA	500	1	433	500	1	433		NA			NA				
CIRCLING	560	1	479	560	1	479		NA			NA				

**CHANGES - REASONS**

1. CHANGED CHART NOTE FROM "CIRCLING RWY 15 NA AT NIGHT" TO "CIRCLING RWY 6,15 NA AT NIGHT" - UNLIT 20:1 PENETRATION ON THE VOR RWY 6 STRAIGHT IN APPROACH; 8260.19J 8-6-12.O; 8260.3E 3-3-2.C(4)(B)2; CLEARS T-NOTAM 4/9555.



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZBW ARTCC, NY TRACON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by

DAVID DANNER

Oct 30, 2024

DATE

DEVELOPED BY

TIMOTHY JOHNSON

Digitally signed by

Timothy Johnson

Jul 22, 2024

OFFICE

AJV-A421

DATE

07/22/2024

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Oct 30, 2024

OFFICE

AJV-A421

DATE

12/26/2024

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE  
SBAS SERVICE PROVIDER IDENTIFIER  
AIRPORT IDENTIFIER  
RUNWAY  
APPROACH PERFORMANCE DESIGNATOR  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR  
REFERENCE PATH IDENTIFIER (APPROACH ID)  
LTP/FTP LATITUDE  
LTP/FTP LONGITUDE  
LTP/FTP ELLIPSOIDAL HEIGHT  
FPAP LATITUDE  
FPAP LONGITUDE  
THRESHOLD CROSSING HEIGHT (TCH)  
TCH UNITS SELECTOR (METERS OR FEET USED)  
GLIDEPATH ANGLE (GPA)  
COURSE WIDTH AT THRESHOLD  
LENGTH OFFSET  
HORIZONTAL ALERT LIMIT (HAL)  
VERTICAL ALERT LIMIT (VAL)

DATA

0  
0  
KHWV  
RW33  
0  
0  
W33A  
404850.9415N  
0725139.1470W  
-00130  
404953.9745N  
0725302.1480W  
00046.0  
F  
03.00  
106.75  
1464  
40.0  
50.0

CRC REMAINDER

736CC0DC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE  
LTP ORTHOMETRIC HEIGHT  
FPAP ORTHOMETRIC HEIGHT

K6  
+00184  
+00184

