

**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> KEVY	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 35	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> MIDDLETOWN	<u>STATE</u> DE	
<u>AIRPORT ELEVATION</u> 70	<u>TDZE</u> 70	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 08/15/2019	<u>MAG VAR</u> 10W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 9 SEPTEMBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1980

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BLARE		WENDS		TF	FO	1.00	236.87	6.65	2000
ENO VORTAC	IAF	WENDS	NOPT	TF	FB	1.00	323.92	9.12	2000
TACKS	IAF	WENDS	NOPT	TF	FB	1.00	080.71	8.66	2000
WENDS	IF/IAF	JIPKE		TF	FB	1.00	355.01	6.00	1700
JIPKE	FAF	IYBAY/2.20 NM TO RW35		TF	FB	0.30	354.99	2.81	
IYBAY/2.20 NM TO RW35		RW35	MAP	TF	FO	0.30	354.99	2.20	
RW35	MAP	320 MSL		CA			354.99		
320 MSL		EPKAW		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT EPKAW AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. UPDATED PROCEDURE NAME FROM RNAV (GPS) RWY 35 TO RNAV (GPS) Z RWY 35 - DEVELOPMENT OF ANOTHER RNAV PROCEDURE TO THE SAME RWY FOR TFR.
2. UPDATED TERMINAL ROUTE FROM ENO VORTAC TO WENDS COURSE FROM 323.90 TO 323.92 - RECALCULATED.
3. UPDATED TERMINAL ROUTE FROM WENDS TO JIPKE DISTANCE FROM 6.10 TO 6.00. - NEW PFAF LOCATION.
4. UPDATED TERMINAL ROUTE FROM JIPKE TO IYBAY DISTANCE FROM 2.71 TO 2.81. - NEW PFAF LOCATION.
5. UPDATED PROFILE, DIST FAF TO MAP/THLD FROM 4.91/4.91 TO 5.01/5.01 - NEW PFAF LOCATION.
6. UPDATED PROFILE, MIN ALT; IYBAY/2.20NM TO RWY 35 FROM 820 TO 800 - MAINTAIN GLIDEPATH ANGLE.
7. UPDATED PROFILE, DIST TO THLD FROM OM: 250 HAT FROM 0.64 TO .067 - RECALCULATED/UPDATED TCH.
8. UPDATED PROFILE TCH FROM 50.0 TO 40.6 - MATCH VGSI.
9. UPDATED PBN REQUIREMENTS NOTE ADDED - GPS. - PER 8260.19I 8-6-8.B(2).
10. REMOVED "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WILMINGTON ALTIMETER SETTING." - MOVED TO 8260-9 PART C REMARKS FOR CONTINGENCY PURPOSES.
11. REMOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILMINGTON ALTIMETER SETTING AND INCREASE ALL DA 27 FEET AND ALL MDA 40 FEET; INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 SM. - MOVED UPDATED NOTE TO 8260-9 PART C REMARKS FOR CONTINGENCY PURPOSES.
12. REMOVED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - NO LONGER REQUIRED, GLIDEPATH COINCIDENT.
13. UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS FROM LNAV/VNAV NA BELOW -15°C OR ABOVE 47°C TO LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C. - RECALCULATED STANDARD DEVIATION/8260.19I 8-6-9.R.
14. UPDATED VDP FROM 1.27 NM TO RW35 TO 1.04 NM TO RW35, REMOVED LNAV ONLY - RECALCULATED/8260.19I 8-6-10.M.
15. ADDED ALTERNATE MINIMUMS STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE. - WX ON WMSCR.
16. UPDATED LPV VIS ALL CATS FROM 1 SM TO 3/4 SM - 8260.3D TABLE 3-3-1.
17. LOWERED LNAV/VNAV DA/HAT FROM 480/410 TO 385/315 - OBSTACLE EVALUATION.
18. UPDATED LNAV/VNAV VIS ALL CATS FROM 1 1/2 SM TO 7/8 SM - 8260.3D TABLE 3-3-1.
19. UPDATED LNAV VIS CAT D FROM 1 1/4 SM TO 1 SM - 8260.3D TABLE 3-3-1.
20. UPDATED CHART FAS OBS FROM 179 TREE 393043N/0754319W TO 189 TREE 393052N/0754219W.
21. FAS DATA BLOCK UPDATED TCH FROM 50 TO 40.6 - MATCH VGSI.
22. FAS DATA UPDATED FPAP LAT/LONG FROM 393218.1100N/0754336.0000W TO 393218.1075N/0754335.9995W - AIRNAV DATA.
23. FAS DATA BLOCK UPDATED CRC REMAINDER FROM 600E4100 TO E4600C6B - SYSTEM GENERATED.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: PHL APCH, ILG ATCT, AMGR

FLIGHT CHECKED BY

JEREMY R VIRTS

Digitally signed by

DEVELOPED BY

HEIDI SNIDER

HEIDI SNIDER

May 12, 2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

JOHN BORDY

Jul 29, 2021

Digitally signed by

JOHN BORDY

Jul 29, 2021

OFFICE

FICO

OFFICE

AJV-A422

OFFICE

AJV-A420

DATE

07/28/2021

DATE

04/29/2021

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEVY
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	393051.9850N
LTP/FTP LONGITUDE	0754306.1275W
LTP/FTP ELLIPSOIDAL HEIGHT	-00136
FPAP LATITUDE	393218.1075N
FPAP LONGITUDE	0754335.9995W
THRESHOLD CROSSING HEIGHT (TCH)	00040.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1384
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E4600C6B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00198
FPAP ORTHOMETRIC HEIGHT	+00198

