

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) RWY 17	<u>ORIGINAL/AMENDMENT</u> 2D	<u>CITY</u> MIDDLETOWN	<u>STATE</u> DE		
<u>AIRPORT ELEVATION</u> 70	<u>TDZE</u> 70	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 2C	<u>DATED</u> 08/15/2019	<u>MAG VAR</u> 10W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
CURVY		OGHUF		TF	FB	1.00	075.94	6.68	2000
DQO VORTAC		ASIGY		TF	FB	1.00	314.05	3.85	2000
ASIGY	IAF	EPKAW		TF	FB	1.00	265.00	5.00	2000
OGHUF	IAF	EPKAW		TF	FB	1.00	084.86	5.00	2000
EPKAW	IF	BRLSN		TF	FB	1.00	174.93	6.10	1700
BRLSN	FAF	RW17	MAP	TF	FO	0.30	174.96	4.21	
RW17	MAP	470 MSL		CA			174.96		
470 MSL		WENDS		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT WENDS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT EPKAW

3. FAF: 174.96 FAF: BRLSN DIST FAF TO MAP: 4.21 DIST FAF TO THLD: 4.21

4. MIN ALT: EPKAW 2000, BRLSN 1700

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 471 HAT: 1.12 GS ANT:

6. MIN GP INCPT: 1700 GP ALT AT PFAF : BRLSN 1700 OM: MM: IM:

7. GP ANGLE: 3.53 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH: 56.0

8. MSA FROM: RW17 2100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT DQO VORTAC ON AIRWAY RADIALS 271 CW 358.

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 355.01 INBOUND.
FAS OBST: 299 AAO 393445N/0754445W.
WAAS CHANNEL # 49002
REFERENCE PATH ID: W17A
LTP HAE: -13.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	541	1 3/8	471	541	1 3/8	471	541	1 3/8	471		NA				
LNAV/VNAV DA	619	1 5/8	549	619	1 5/8	549	619	1 5/8	549		NA				
LNAV MDA	560	1	490	560	1	490	560	1 3/8	490		NA				



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FDC 9/0825 FOR AMDT 2C INTO FORM - IAW 8260.19I PARA 8-3-4.C (3).
2. PROFILE LINE 5: CHANGED 471 HAT FROM 1.13 TO 1.12 - CHANGE IN GPA FOR UPDATED REFERENCE SOFTWARE.
3. PROFILE LINE 7: UPDATED GP ANGLE FROM 3.50 TO 3.53 - CHANGE IN REFERENCE SOFTWARE.
4. CHANGED PBN REQUIREMENTS NOTE FROM RNP APCH TO RNP APCH-GPS - IAW 8260.19I, 8-6-8.B.(2).
5. CHANGED CHART NOTE FROM: "BARO-VNAV NA WHEN USING WILMINGTON ALTIMETER SETTING" TO "BARO-VNAV NA WHEN USING NEW CASTLE ALTIMETER SETTING" - WEATHER STATION NAME CHANGED AND MOVED TO 8260-9 PART C FOR CONTINGENCY USE.
6. CHANGED CHART NOTE FROM: "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 47°C" TO CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" - IAW 8260.58B 3-3-4 A(1)(2).
7. RELOCATED BACKUP ALTIMETER NOTES FROM THIS FORM TO THE 8260-9 FOR CONTINGENCY PURPOSES - 8260.19I, 8-6-9.F (3).
8. CHANGED ALTERNATE MINIMUMS FROM "NA" TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - BOTH ALTIMETER SOURCES ON WMSCR.
9. AMENDED LPV VISIBILITY FROM 1 1/2 TO 1 3/8 - NEW VISCHECK EVALUATION.
10. AMENDED LNAV/VNAV VISIBILITY FROM 1 3/4 TO 1 5/8 - NEW VISCHECK EVALUATION.
11. FAS DATA: CHANGED FPAP LAT/LONG FROM 393008.6900N/0754251.1300W TO 393008.6960N/0754251.1205W - UPDATED DUE TO CHANGE IN LENGTH OFFSET.
12. FAS DATA: CHANGED LENGTH OFFSET FROM 1383 TO 1384 - IAW 8260.19I APPENDIX K 4.S.
13. FAS DATA: CHANGED CRC REMAINDER FROM EF14481F TO 03D9E333 - FPAP COORDINATES AND LENGTH OFFSET UPDATED.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** NYC FPO, PHL APCH, ILG ATCT, AMGR

FLIGHT CHECKED BY
JEREMY R VIRTIS

Digitally signed by
JASON KRETSCHMER
Sep 23, 2022

OFFICE
FPO

DATE
09/21/2022

DEVELOPED BY
ALLAN WILL (PHILLIP T. HILL01)

Digitally signed by
RAKE MCGRAW
Jul 11, 2022

OFFICE
AJV-A423

DATE
05/20/2022

APPROVED BY
MARLON ROBINSON

Digitally signed by
RAKE MCGRAW
Jul 11, 2022

OFFICE
AJV-A420

DATE

TITLE
MANAGER

QUALITY
16
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEVY
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	393134.8200N
LTP/FTP LONGITUDE	0754320.9825W
LTP/FTP ELLIPSOIDAL HEIGHT	-00135
FPAP LATITUDE	393008.6960N
FPAP LONGITUDE	0754251.1205W
THRESHOLD CROSSING HEIGHT (TCH)	00056.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.53
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1384
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	03D9E333

ADDITIONAL PATH POINT RECORD INFORMATION

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

