

**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> KOQN	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 9	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> WEST CHESTER	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 465	<u>TDZE</u> 465	<u>SUPERSEDED</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 04/25/2019	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 2000
<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>		

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>
PTW VORTAC		ECZEL		TF	FB	1.00	238.64	16.64	4000
ECZEL	IAF	CEFSY		TF	FB	1.00	178.39	5.00	2900
GLOMO	IAF	CEFSY		TF	FB	1.00	070.68	9.83	2900
CEFSY	IF	WACCY		TF	FB	1.00	088.42	4.92	2100
WACCY	FAF	LYTTA/1.60 NM TO RW9		TF	FB	0.30	088.47	3.44	
LYTTA/1.60 NM TO RW9		RW9	MAP	TF	FO	0.30	088.47	1.60	
RW9	MAP	1000 MSL		CA			088.47		1000
1000 MSL		CEFSY		DF	FO	1.00			2900

MISSED APPROACH

MAP:

LNAV: RW9

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2900 DIRECT CEFSY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT CEFSY

3. FAC:

088.47

FAF: WACCY

DIST FAF TO MAP: 5.04

DIST FAF TO THLD: 5.04

4. MIN ALT: CEFSY 2900, WACCY 2100, LYTTA/1.60 NM TO RW9 1000

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1

IS NOT CLEAR

20:1

IS NOT CLEAR

TCH:

8. MSA FROM: RW09 2600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PTW VORTAC AIRWAY RADIALS 205 CW 287.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GLOMO ON V403-405 SOUTHWEST BOUND, AND ON V3-408 WESTBOUND.
CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
750 AAO 395841N/0754150W.
HOLD W, RT, 088.42 INBOUND.
CHART FAS OBST: 623 TREE (42-132736) 395916N/0753600W.
WACCY TO RW09: 3.00/40.

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
LNAV MDA	880	1	415	880	1	415		NA			NA				
CIRCLING	1020	1	555	1020	1	555		NA			NA				



CHANGES - REASONS

1. UPDATED PROCEDURE NAME FROM RNAV (GPS) RWY 9 TO RNAV (GPS) Y RWY 9 - ADDITIONAL PROCEDURE DEVELOPED TO SAME RWY.
2. UPDATED TERMINAL ROUTE PTW TO ECZEL, COURSE FROM 238.63 TO 238.64 - RECALCULATED COURSE.
3. UPDATED TERMINAL ROUTE CEFSY TO WACCY, COURSE/DISTANCE FROM 088.41/4.94 TO 088.42/4.92 - NEW PFAF LOCATION.
4. UPDATED TERMINAL ROUTE WACCY TO LYTTA, COURSE/DISTANCE FROM 088.48/3.43 TO 088.47/3.44 - NEW PFAF LOCATION.
5. UPDATED TERMINAL ROUTE LYTTA TO RW09, COURSE FROM 088.48 TO 088.47. - RECALCULATED COURSE.
6. UPDATED PBN REQUIREMENTS NOTE FROM: RNP APCH TO RNP APCH - GPS - PBN CHART REQUIREMENTS/8260.19I 8-6-8
7. MOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COATESVILLE ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET TO 8260-9 PROCEDURE REMARKS - NO LONGER REQUIRED ON 8260-3.
8. UPDATED DIST FAF TO MAP/THLD FROM 5.03 TO 5.04 - UPDATED FAF LOCATION, MAINTAIN 3.00 VDA.
9. UPDATED FAC FROM 088.48 TO 088.47 - RECALCULATED COURSE.
10. UPDATED ADDITIONAL FLIGHT DATA HOLD FROM 088.41 TO 088.42 - RECALCULATED COURSE.
11. UPDATED AIRPORT/TDZE ELEVATION FROM 463/463 TO 465/465 - AIRNAV.
12. LNAV HAT CHANGED FROM 417 TO 415 - UPDATED TDZE ELEVATION.
13. CIRCLING MDA/HAA CHANGED FROM 1080/617 TO 1020/555 - REMOVED XP ADJ, UPDATED AIRPORT ELEVATION.
12. UPDATED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 2900 DIRECT CEFSY AND HOLD. TO CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2900 DIRECT CEFSY AND HOLD. - EXTENDED INITIAL CLIMB ALTITUDE TO AVOID CLIMB IN HOLDING.
13. REMOVED CHART NOTE - PROCEDURE NA AT NIGHT, ADDED STRAIGHT-IN OR CIRCLING TO RWY 9 NA AT NIGHT - CIRCLING RWY 27 CLEAR.
14. UPDATED ALTERNATE MINIMUMS FROM NA TO STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE. - WX ON WMSCR; IAW .19I MEMO 276 ATTACHMENT 4 PARA 5B.
15. UPDATED PLANVIEW NOTE: FROM PROCEDURE NA FOR ARRIVAL AT PTW VORTAC AIRWAY RADIALS 205 CW 287 TO PROCEDURE NA FOR ARRIVAL ON PTW VORTAC AIRWAY RADIALS 205 CW 287 - IAW.19I 8-2-5E.

06/24/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/26/2021:

CHANGED CHART NOTE FROM "STRAIGHT-IN OR CIRCLING TO RWY 9 NA AT NIGHT" TO "PROCEDURE NA AT NIGHT" - ORDER 8260.19 PAR 8-6-11.O.(2).a

COORDINATED WITH:

A4A ☒ **ALPA** ☐ **AOPA** ☒ **APA** ☐ **HA** ☐ **NBAA** ☒ **OTHER:** ZNY, PHL APP CON, AMGR

Digitally signed by

FLIGHT CHECKED BY

JOHN BORDY

Jun 24, 2021

OFFICE

FICO

DATE

06/03/2021

BOB S PRESSLER

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Jun 24, 2021

OFFICE

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DATE

04/05/2021

HEIDI SNIDER

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Jun 24, 2021

OFFICE

AJV-A420

DATE

**TITLE
MANAGER**

QUALITY
48
CHECKED