

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) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> WEST CHESTER	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 465	<u>TDZE</u> 465	<u>SUPERSEDED</u> RNAV (GPS) RWY 27	<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> 10 AUGUST 2023	<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>
MXE VORTAC		GONVE		TF	FO	1.00	076.47	15.57	2900
DASDE	IAF	GONVE	NOPT	TF	FB	1.00	178.68	5.49	2900
GONVE	IF/IAF	CELPA		TF	FB	1.00	268.70	4.98	2100
CELPA	FAF	GEEKS/1.70 NM TO RW27		TF	FB	0.30	268.63	3.32	
GEEKS/1.70 NM TO RW27		RW27	MAP	TF	FO	0.30	268.63	1.70	
RW27	MAP	1500 MSL		CA			268.63		1500
1500 MSL		GONVE		DF	FO	1.00			2900

MISSED APPROACH

MAP:

LP: RW27

LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2900 DIRECT GONVE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

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

2. HOLD E GONVE, RT, 268.70 INBOUND, 2900 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 268.63 FAF: CELPA DIST FAF TO MAP: 5.02 DIST FAF TO THLD: 5.02

4. MIN ALT: GONVE 2900, CELPA 2100, GEEKS/1.70 NM TO RW27 1040

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

6. MIN GP INCPT: GP ALT AT FAF : OM: MM: IM:

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

8. MSA FROM: RW27 2600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DASDE ON V3-419 NORTHEAST BOUND.
CHART PLANVEIW NOTE: PROCEDURE NA FOR ARRIVALS ON MXE VORTAC AIRWAY RADIALS 025 CW 129.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COATESVILLE ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART FAS OBST: 625 TREE (42-132629) 400003N/0753500W, 555 TREE (42-132646) 395935N/0753327W.
CHART VDP AT 1.06 NM TO RW27.
WAAS CHANNEL # 86637
REFERENCE PATH ID: W27A
CELPA TO RW27: 3.00/45.
LTP HAE: 107.3 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
LP MDA	820	1	355	820	1	355		NA			NA		QUALITY 10 CHECKED		
LNAV MDA	860	1	395	860	1	395		NA			NA				
CIRCLING	1080	1	615	1080	1	615		NA			NA				

CHANGES - REASONS

1. LINE 3: UPDATED DIST FAF TO MAP/THLD FROM 5.01 TO 5.02. - NEW EVALUATION COMPLETED.
2. LINE 7: UPDATED "20:1 IS NOT CLEAR" TO "20:1 IS CLEAR." - NO 20:1 PENETRATIONS EXIST.
3. UPDATED PBN REQUIREMENTS NOTE FROM RNP APCH TO RNP APCH - GPS. - IAW 8260.19I 8-6-8 B(2).
4. REMOVED CHART NOTE: PROCEDURE NA AT NIGHT. - RWY SURVEY ADDED 2/23/2016; NO 20:1 PENETRATIONS EXIST.
5. UPDATED CHART NOTE: FROM "RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - NO 20:1 PENETRATIONS EXIST, 34:1 PENETRATIONS PRESENT.
6. ADDED ADDITIONAL FLIGHT DATA: CHART VDP AT 1.06 NM TO RW27. - NO 20:1 PENETRATIONS PRESENT.
7. UPDATED ADDITIONAL FLIGHT DATA: CHART FAS OBST: ADDED OBSTACLE ID. - IAW 8260.19I 8-6-10C.
8. FAS DATA: UPDATED LTP/FTP LATITUDE AND LONGITUDE FROM 395927.7000N/ 0753437.0700W TO 395927.6975N/ 0753437.0440W. - NEW AIRNAV DATA INCORPORATED.
9. FAS DATA: UPDATED FPAP LATITUDE AND LONGITUDE FROM 395906.9595N 0753629.8130W TO 395906.9375N 0753629.7805W. - NEW AIRNAV DATA INCORPORATED.
10. FAS DATA: LTP AND FPAP ORTHOMETRIC HEIGHT UPDATED FROM +01405 TO +01407. - LTP/FTP AND FPAP LATITUDE AND LONGITUDE UPDATED.
11. FAS DATA: UPDATED CRC REMAINDER FROM 7336376A TO 105447F2. - LTP/FTP AND FPAP LATITUDE AND LONGITUDE UPDATED.
12. UPDATED ALTERNATE MINIMUMS FROM NA TO STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE. - WX ON WMSCR; IAW 8260.19I MEMO 276 ATTACHMENT 4 PARA 5B.

COORDINATED WITH:

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

FLIGHT CHECKED BY

BOB S PRESSLER

Digitally signed by
CASIMIR L TABAKA
Apr 14, 2023

OFFICE

FPO

DATE

04/12/2023

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by
CASIMIR L TABAKA
Mar 24, 2023

OFFICE

AJV-A432

DATE

02/23/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA
Mar 24, 2023

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOQN
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	395927.6975N
LTP/FTP LONGITUDE	0753437.0440W
LTP/FTP ELLIPSOIDAL HEIGHT	+01073
FPAP LATITUDE	395906.9375N
FPAP LONGITUDE	0753629.7805W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1808
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	
CRC REMAINDER	105447F2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01407
FPAP ORTHOMETRIC HEIGHT	+01407

QUALITY
10
CHECKED