

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</u> QUAKERTOWN	<u>AIRPORT ID</u> KUKT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> QUAKERTOWN	<u>STATE</u> PA	
<u>AIRPORT ELEVATION</u> 525	<u>TDZE</u> 525	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 03/02/2017	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<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>
HIKES		CACRA		TF	FO	1.00	098.04	21.76	2400
DIRPE	IAF	CACRA	NOPT	TF	FB	1.00	251.52	7.88	2400
CACRA	IF/IAF	CILDA		TF	FB	1.00	291.00	6.66	1900
CILDA	FAF	DUNVE/1.90 NM TO RW29		TF	FB	0.30	290.91	2.36	
DUNVE/1.90 NM TO RW29		RW29	MAP	TF	FO	0.30	290.91	1.90	
RW29	MAP	1000 MSL		CA			290.91		1000
1000 MSL		CACRA		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LP: RW29
LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000, THEN CLIMBING LEFT TURN TO 2400 DIRECT CACRA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD E CACRA, LT, 291.00 INBOUND, 2400 FT. IN LIEU OF PT (IAF), MAX 5000.

3. FAC:

290.91

FAF: CILDA

DIST FAF TO MAP: 4.26

DIST FAF TO THLD: 4.26

4. MIN ALT: CACRA 2400, CILDA 1900, DUNVE/1.90 NM TO RW29 1140

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: RW29 3100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HIKES ON V276 NORTHWEST BOUND AND V29-408 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DIRPE ON V403 EASTBOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
WAAS CHANNEL #61228
REFERENCE PATH ID: W29A
CHART FAS OBST: 623 TREE 402549N/0752153W, 662 TOWER 402526N/0752060W.
CHART: 640 TANK 402555N/0751947W.
1019 AAO 402453N/0751731W, 1059 AAO 402434N/0751737W.
LTP HAE: 119.4 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	920	1	395	920	1	395	920	1 1/8	395		NA				
LNAV MDA	960	1	435	960	1	435	960	1 3/8	435		NA				
CIRCLING	1040	1	515	1080	1	555	1220	2	695		NA				



CHANGES - REASONS

1. 20:1 IS NOT CLEAR ADDED - INCLUDED ON NEW FORM.
2. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" REMOVED - 8260.19H 4-6-10.E.
3. ADDED "CHART NOTE PBN REQUIREMENTS NOTE: RNP APCH" ADDED - 8260.19H 8-6-8.
4. CIRCLING CAT B MDA/HAA CHANGED FROM 1040/515 TO 1080/555 - NEW OBSTACLES FOUND DURING BIENNIAL REVIEW.
5. CIRCLING CAT C MDA/HAA CHANGED FROM 1060/535 TO 1220/695 - NEW OBSTACLES FOUND DURING BIENNIAL REVIEW.
6. REMOVED "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PERKASIE ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET, INCREASE LP CAT C VISIBILITY 1/8 SM." - MOVED TO THE 8260-9 FOR CONTINGENCY PURPOSES.
7. ADDED A CLIMB-TO ALTITUDE OF 1000 FEET TO THE MISSED APPROACH INSTRUCTIONS - AIRCRAFT MUST BE AT LEAST 400' ABOVE TDZE BEFORE TURNING.
8. ADDED "MAX 5000" TO HOLD-IN-LIEU ON LINE 2 - PER .19H PARA 8-6-7B (2).
9. DELETED "RWY 11" FROM HELICOPTER VISIBILITY RESTRICTION NOTE - ONLY APPLIES TO STRAIGHT-IN PROCEDURE.
10. CHANGED CIRCLING CAT C VISIBILITY FROM 1 1/2 SM TO 2 SM - PER VISCHECK TOOL.
11. CRC REMAIDER CHANGED FROM155601D9 TO 709BFA58 - VDA CHANGED TO 0 DUE TO VISUAL SEGMENT - OBSTACLES NOTE.

COORDINATED WITH:

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

FLIGHT CHECKED BY

BOB S PRESSLER

*Digitally signed by***DAVID TEFFETELLER**

Jul 12, 2019

OFFICE

FICO

DATE

7/10/19

DEVELOPED BY

FRANK MOORE

*Digitally signed by***FRANK MOORE**

Jun 06, 2019

OFFICE

AJV-A433

DATE

04/17/2019

APPROVED BY

LONNIE EVERHART

*Digitally signed by***DAVID TEFFETELLER**

Jul 12, 2019

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	KUKT
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	402604.3765N
LTP/FTP LONGITUDE	0752236.9455W
LTP/FTP ELLIPSOIDAL HEIGHT	+01194
FPAP LATITUDE	402618.0800N
FPAP LONGITUDE	0752432.2500W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1832
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	709BFA58

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01538
FPAP ORTHOMETRIC HEIGHT	+01538

