

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> WARREN "BUD" WOODS PALMER MUNI	<u>AIRPORT ID</u> PAAQ	<u>PROCEDURE NAME</u> RNAV (GPS)-A	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> PALMER	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 249	<u>TDZE</u>	<u>SUPERSEDED</u> RNAV (GPS)-A	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 16E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 2020

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>
BGQ VORTAC		OWGAT		TF	FB	2.00	087.54	12.95	4000
OWGAT	IAF	KIYAV		TF	FB	1.00	092.59	4.43	2500
KIYAV	IF	ZUYEB		TF	FB	1.00	050.82	5.99	2000
ZUYEB	FAF	MAVUE	MAP	TF	FO	0.30	024.39	3.93	
MAVUE	MAP	649 MSL		CA			024.39		
649 MSL		BGQ VORTAC		DF	FO	1.00			4500

MISSED APPROACH

MAP:

MAVUE

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 4500 DIRECT BGQ VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT KIYAV
3. **FAC:** 024.39 **FAF:** ZUYEB **DIST FAF TO MAP:** 3.93 **DIST FAF TO THLD:**
4. **MIN ALT:** KIYAV 2500, ZUYEB 2000
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:** **20:1:** **TCH:**
8. **MSA FROM:** MAVUE 10000



PBN REQUIREMENTS NOTES:

RNP APCH

NOTES:

CHART NOTE: CIRCLING NA NE OF RWY 16-28.

CHART NOTE: PROCEDURE NA AT NIGHT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BGQ ON V456 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

FAC CROSSES INTERSECTION OF RWYS 10-28 AND 16-34.

FAS OBST: 355 AAO 613321N/1491130W.

HOLD W, RT, 088.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ CAT C, D 1100-3

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
CIRCLING	860	1 1/4	611	940	1 1/4	691	1300	3	1051	1300	3	1051			

CHANGES - REASONS

- AIRPORT NAME CHANGED FROM PALMER BUDDY WOODS MUNI TO WARREN "BUD" WOODS PALMER MUNI. - CHANGE CARRIED OVER FROM PREVIOUS P-NOTAM AMENDMENT.
- MAGVAR CHANGED FROM 20E/10 TO 16E/20. - MAGVAR UPDATE.
- BGQ VORTAC TO OWGAT COURSE CHANGED FROM 083.54 TO 087.54. - MAGVAR UPDATE.
- OWGAT TO KIYAV COURSE CHANGED FROM 083.02 TO 092.59. DISTANCE CHANGED FROM 4.11 TO 4.43. - IF MOVED PER IFP CHECKLIST REQUEST.
- KIYAV TO ZUYEB COURSE CHANGED FROM 051.83 TO 50.82, DISTANCE CHANGED FROM 6.00 TO 5.99. - FAF LOCATION CHANGED PER IFP CHECKLIST REQUEST.
- FAC CHANGED FROM 022.75 TO 024.39. DISTANCE FAF TO MAP CHANGED FROM 4.10 TO 3.93. - FAF LOCATION CHANGED PER IFP CHECKLIST REQUEST.
- MISSED APPROACH CHANGED FROM DIRECT OWGAT AND HOLD, CONTINUE CLIMB-IN-HOLD TO DIRECT BGQ VORTAC AND HOLD. - MISSED HOLDING CHANGED PER IFP CHECKLIST REQUEST.
- ADDED PBN REQUIREMENTS NOTE: RNP APPROACH, REMOVED CHART NOTE: DME/DME RNP-0.3 NA. - IAW 8260.19 8-6-8.
- ADDED CHART NOTE: CIRCLING NA NE OF RWY 16-28. - CARRIED OVER FROM PREVIOUS P-NOTAM AMENDMENT.
- RWY 9 CHANGED TO RWY 10, RWY 27 CHANGED TO RWY 28 IN HELICOPTER VISIBILITY NOTE. - MAGVAR UPDATE, RUNWAY NUMBER CHANGE.
- REMOVED FAC CROSSES RWY 34 THLD, ADDED FAC CROSSES INTERSECTION OF RWYS 10-28 AND 16-34. - CORRECT LOCATION OF FINAL COURSE CROSSING LOCATION.
- CHART FAS OBS CHANGED FROM 309 TREE 613446N/1490524W TO FAS OBST: 355 AAO 613321N/1491130W. - NEW CONTROLLING OBSTACLE AS RESULT OF NEW MAP STUDY.
- BACK UP ALTIMETER NOTE REMOVED, PLACED ON BACK OF 8260-9 AS A CONTINGENCY NOTE. - BOTH WX SERVICES ARE ON WMSCR.
- MISSED HOLDING CHANGED FROM 083.22 TO 088.00 INBOUND.- NEW MISSED HOLDING PATTERN.
- ALT MINS CHANGED FROM CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE, TO CAT C, D 1100-3. - BOTH WX SERVICES ON WMSCR.
- FAF ALTITUDE CHANGED FROM 1900 TO 2000. - PRECIPITOUS TERRAIN (230 FT) ADDED TO ADJUSTMENTS, IFP CHECKLIST REQUEST.
- MINIMUMS:
 - CIRCLING CAT A CHANGED FROM 880-1-631 TO 860-1 1/4-611. - NEW CONTROLLING OBS.
 - CIRCLING CAT B VIS CHANGED FROM 1 TO 1 1/4 SM. - NEW VISIBILITY TABLE VALUES.
 - CIRCLING CAT C CHANGED FROM 940-2-691 TO 1300-3-1051. - NEW CIRCLING RADII APPLIED.
 - CIRCLING CAT D CHANGED FROM 960-2 1/4-711 TO 1300-3-1051. - NEW CIRCLING RADII APPLIED.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAN, ANC APP CON, ATA

FLIGHT CHECKED BY

JORDAN ROLIH

Digitally signed by
DEZ SILAGYI
Aug 23, 2018

OFFICE

FICO

DATE

8/20/18

DEVELOPED BY

LEO PALMER

Digitally signed by
LEO PALMER
May 30, 2018

OFFICE

AJV-5422

DATE

05/15/2018

APPROVED BY

JULIE MORGAN

OFFICE

AJV-5420

DATE

TITLE

MANAGER

Digitally signed by
DEZ SILAGYI
Aug 23, 2018

