

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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.

AIRPORT ID GUM/PGUM	PROCEDURE NAME RNAV (RNP) Z RWY 6L	ORIGINAL/AMENDMENT ORIG-F	CITY TAMUNING	STATE GU
AIRPORT ELEVATION 305	TDZE 256	SUPERSEDED RNAV (RNP) Z RWY 6L	DATED 01/25/2024	MAG VAR 2E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2000
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ASADE		BURLE		TF	FB	1.00	337.09	28.58	3000
WUVEN		RASPE		TF	FB	1.00	166.30	35.91	3000
BURLE	IAF	OBALE		TF	FB	1.00	332.98	10.00	3000
PULEE	IAF	OBALE		TF	FB	1.00	101.94	32.58	3000
RASPE	IAF	OBALE		TF	FB	1.00	152.95	5.00	3000
OBALE	IF	ADEDE	PFAF	TF	FB	1.00	062.91	7.01	2000
ADEDE	PFAF	RW06L	MAP	TF	FO	0.30	062.93	5.29	
RW06L	MAP	WABOX		TF	FO	1.00	063.00	13.66	3000

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 ON 063 TRACK TO WABOX AND HOLD.
*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 276 FEET PER NM TO 1400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT OBALE
- FAC: 062.83 PFAF: ADEDE DIST FAF TO MAP: DIST FAF TO THLD:
- MIN ALT: OBALE 3000, ADEDE 2000
- DIST TO THLD FROM FAF: 5.29 MM: IM: 150 HAT: 258 HAT: 0.68 GS ANT: MM: IM:
- MIN GP INCPT: 2000 GP ALT AT PFAF: ADEDE 2000
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 55.1
- MSA FROM: RW06L 2600



PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 19°C OR ABOVE 48°C.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP *0.30 VISIBILITY TO 3/4 SM AND RNP 0.30 VISIBILITY TO 1 1/8 SM
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ASADE ON B586 SOUTHEAST BOUND
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PULEE ON G467 R596 WEST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WUVEN ON A597 NORTHWEST BOUND.
 CHART SPEED ICON IN PLANVIEW AT RASPE: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART AT OR BELOW 15100 AT ASADE
 CHART AT OR BELOW 15900 AT WUVEN.
 CHART AT OR BELOW 13300 AT PULEE.
 CHART AT OR BELOW 6100 AT BURLE.
 CHART AT OR BELOW 4500 AT RASPE.
 HOLD NE, RT, 243.00 INBOUND.

MINIMUMS:

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

ALTERNATE: NA STANDARD

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
AUTHORIZATION REQUIRED															
RNP 0.30 DA*	514	1/2	258	514	1/2	258	514	1/2	258	514	1/2	258			
RNP 0.30 DA	656	5/8	400	656	5/8	400	656	5/8	400	656	5/8	400			

CHANGES - REASONS

- 1.LOCATION IDENTIFIER: CHANGED LOCATION IDENTIFIER FROM GUAM TO TAMUNING - 28 DAY TRACKER REVIEW #27520
 - 2.PBN REQUIREMENTS NOTES: REMOVED NOTE: RNP APCH – GPS AND ADDED NOTE: RNP AR APCH – GPS – RNP AR APPROACH, TO MATCH PUBLISHED APPROACH PLATE.
 - 3.PROFILE LINE 2: ADDED “PROFILE STARTS AT OBALE” – IAW .19J 8-6-7B,3, A.
 - 4.PROFILE FINE 4: ADDED MIN ALTITUDE ADEDE 2000 – CURRENT DOCUMENTATION STANDARDS.
 - 5.NOTES: MOVED “CHART MAXIMUM 15100 AT ASADE, MAXIMUM 15900 AT WUVEN, MAXIMUM 13300 AT PULEE, MAXIMUM 6100 AT BURLE, MAXIMUM 4500 AT RASPE” TO ADDITIONAL FLIGHT DATA AND SEPARATED INTO INDIVIDUAL NOTES AND UPDATED WORDING: PER .19J 8-6-11, N.
 - 6.NOTES: CHANGED SPEED RESTRICTION NOTE FROM “CHART PLANVIEW NOTE AT RASPE: MAX 210 KIAS” TO “CHART SPEED ICON IN PLANVIEW AT RASPE: MAX 210 KIAS” – PER .19J 4-6-10, G.
 - 7.COORDINATED WITH: ADDED A4A AND APA – TO MATCH OTHER PROCEDURES AT AIRPORT.
 - 8.FEEDER SEGMENTS: ADADE TO BURLE AND WUVEN TO RASPE: CHANGED RNP VALUE FROM 2.00 TO 1.00 - CURRENT CRITERIA PER 8260.58C.
- 08/01/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/02/25.
 1. ADDITIONAL FLIGHT DATA: REMOVED “DO NOT CHART” FROM HOLDING DATA – UPDATED FORMS.
 2. MISSED APPROACH: ADDED 13.66 NM DISTANCE MAP TO WABOX TF ROUTE - UPDATED FORMS.

- 08/07/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/05/25.
 1. PROFILE LINE 5: CHANGED 257 HAT TO 258 HAT – TO MATCH RNP 0.30 DA HAT VALUE.



AIRPORT ID
GUM/PGUM

PROCEDURE NAME
RNAV (RNP) Z RWY 6L

ORIGINAL/AMENDMENT
ORIG-F

CITY
TAMUNING

STATE
GU

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: GUAM CERAP, GUAM APP CON, AGANA ATCT

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by
RAKE MCGRAW
Aug 12, 2025

OFFICE

DATE

DEVELOPED BY

JANTZEN TAYLOR

Digitally signed by
JANTZEN L TAYLOR
Aug 07, 2025

OFFICE

AJV-A422

DATE

02/05/2025

APPROVED BY

RAKE MCGRAW

Digitally signed by
RAKE MCGRAW
Aug 12, 2025

OFFICE

AJV-A422

DATE

TITLE
MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> GUM/PGUM	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 6L	<u>AMDT NO.</u> ORIG-F	<u>CITY</u> TAMUNING	<u>STATE</u> GU	<u>AIRPORT ELEVATION</u> 305	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

<u>FROM</u> ASADE	<u>TO</u> BURLE
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<u>RNP</u> 1.00	<u>DISTANCE</u> 28.58	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	131644.00N/1444135.00W	1305	164	98	4E	1000				AC98 AT597	3000
TERRAIN	131644.00N/1444135.00W	1105 (1100)								AS1500	2600

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

FEEDER

<u>FROM</u> WUVEN	<u>TO</u> RASPE
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<u>RNP</u> 1.00	<u>DISTANCE</u> 35.91	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	132636.00N/1443712.00W	371	164	98	4E	1000				AC98 AT1531	3000
TERRAIN	132636.00N/1443712.00W	171 (200)								AS1500	1700

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



AIRPORT ID
GUM/PGUM

PROCEDURE NAME
RNAV (RNP) Z RWY 6L

AMDT NO.
ORIG-F

CITY
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STATE
GU

AIRPORT ELEVATION
305

FACILITY
RNAV

INITIAL

FROM
BURLE

TO
OBALE

RNP
1.00

DISTANCE
10.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER	132025.00N/1443954.00W	1532	250	50	4D	1000				AC50 AT418	3000
TERRAIN	132025.00N/1443954.00W	1332 (1300)								AS1500	2800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM
PULEE

TO
OBALE

RNP
1.00

DISTANCE
32.58

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
OVER WATER	132600.00N/1442118.00W	0								AS1500	1500
SHIP	132600.00N/1442118.00W	208	20	3	1A	1000				AC3 AT1789	3000

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



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STATE
GU

AIRPORT ELEVATION
305

FACILITY
RNAV

INITIAL

FROM
RASPE

TO
OBALE

RNP
1.00

DISTANCE
5.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	132636.00N/1443712.00W	371	164	98	4E	1000				AC98 AT1531	3000
TERRAIN	132636.00N/1443712.00W	171 (200)								AS1500	1700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
OBALE

TO
ADEDE

RNP
1.00

DISTANCE
7.01

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	132525.00N/1444235.00W	1099	164	98	4E	500				AC98 AT303	2000
TERRAIN	132525.00N/1444235.00W	899 (900)								AS1000	1900

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
GUM/PGUM

PROCEDURE NAME
RNAV (RNP) Z RWY 6L

AMDT NO.
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STATE
GU

AIRPORT ELEVATION
305

FACILITY
RNAV

FINAL

FROM
ADEDE

TO
RW06L

RNP
0.30

DISTANCE
5.29

PAT

MAP
DA

HAT
258

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC			MA3	514

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM
ADEDE

TO
RW06L

RNP
0.30

DISTANCE
5.29

PAT

MAP
DA

HAT
400

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				656

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



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STATE
GU

AIRPORT ELEVATION
305

FACILITY
RNAV

MISSED APPROACH: LEVEL SURFACE

FROM DA **TO** WABOX

RNP 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 240

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
POLE (GU-020590)	132832.34N/1444635.16E	245	20	3	1A		ASC				3000
AAO	133208.00N/1445448.00W	1028	164	98	4E	1000				AC98	2200
TERRAIN	133208.00N/1445448.00W	828 (800)								AS1500	2300

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 276 FEET PER NM TO 1400.

MISSED APPROACH: LEVEL SURFACE

FROM DA **TO** WABOX

RNP 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 352

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	133208.00N/1445448.00W	1028	164	98	4E	1000				AC98	2200
TERRAIN	133208.00N/1445448.00W	828 (800)								AS1500	2300

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED



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AIRPORT ELEVATION
305

FACILITY
RNAV

MSA

CENTER
RW06L

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (GU-000005)	132559.28N/1444246.18E	235	6.0	1190	20	3	1A	1000		XP410	2600

MSA REMARKS:

XP=TO MAINTAIN CURRENT PUBLISHED MINIMUMS

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



AIRPORT ID
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PROCEDURE NAME
RNAV (RNP) Z RWY 6L

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ORIG-F

CITY
TAMUNING

STATE
GU

AIRPORT ELEVATION
305

FACILITY
RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

GUM TOWER, GUA ARTCC

WX SERVICE
ATIS

LOCATION
GUM/PGUM

HRS OPERATION
24

ALTIMETER SOURCE
GUM/PGUM

DISTANCE

WMSCR
Y

ADJUSTMENTS
0

BACK-UP WX SERVICE

LOCATION

HRS OPERATION

ALTIMETER SOURCE

DISTANCE

WMSCR

ADJUSTMENTS

WX REMARKS:

REDUNDANT WEATHER SOURCES, BACKUP ALTIMETER NOT REQUIRED.

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW06L - MALSR, HIRL, PAPI-4L	PIR-F	
RW06R - MALSR, HIRL, PAPI-4R	PIR-F	
RW24L - HIRL, PAPI-4L	PIR-F	
RW24R - HIRL, PAPI-4L	PIR-F	

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
239.9

TCH
55.1

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE
3.00

TCH
72.9

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE 1000

ON CENTERLINE

FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW
+22C

CRITICAL HIGH
+54C

ACT
+22C

APT ISA
+14.4C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 971 HIGH TEMP 1264.

"VISUAL PORTION OF FINAL" PENETRATIONS



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RNAV

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED GUAM CERAP NWS OTHER: ASOS SOURCE: PGUM (SAAAR) FAAO 8260.52 SAAAR CRITERIA USED.

VDP NOT ESTABLISHED - VERTICALLY GUIDED PROCEDURE.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	5.29
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.36
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	064.93
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000
DISTANCE FROM	THLD	TO 1500FT POINT	11.10
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	064.91
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)

132844.07N/1444702.33E

ARP COORDINATES

132902.23N/1444749.67E

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 24R DISTANCE 0.99 NM

FAF COORDINATES

132629.01N/1444207.21E

FIX NAME COORDINATES

REMARKS

THLD DISPLACED 1000FT, ACTUAL COORDINATES: 132839.86N/1444653.15E

PART E: PREPARED BY

NAME

JANTZEN TAYLOR

OFFICE

AJV-A422

DATE

02/05/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST

