

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.

AIRPORT MOUNTAIN VILLAGE	AIRPORT ID PAMO	PROCEDURE NAME RNAV (GPS) RWY 2	ORIGINAL/AMENDMENT 2	CITY MOUNTAIN VILLAGE	STATE AK
AIRPORT ELEVATION 339	TDZE 334	SUPERSEDED RNAV (GPS) RWY 2	ORIGINAL/AMENDMENT 1B	DATED 05/24/2018	MAG VAR 10E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 30 JANUARY 2020	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND	EPOCH YEAR 2020

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 292/30 CW 112/30	NOPT	292/10 CW 112/10		3900
2. 292/10 CW 112/10		BRUNI	IF/IAF	2700
3. 112/30 CW 202/30		HAJJI	IAF	2700
4. 202/30 CW 292/30		HOBUK	IAF	2700

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HAJJI	IAF	BRUNI	NOPT	TF	FB	1.00	112.14	8.00	2700
HOBUK	IAF	BRUNI	NOPT	TF	FB	1.00	292.56	8.00	2700
BRUNI	IF/IAF	CURRE		TF	FB	1.00	022.35	6.00	1800
CURRE	FAF	RW02	MAP	TF	FO	0.30	022.45	4.62	
RW02	MAP	760 MSL		CA	FB		022.45		760
760 MSL		AGEPE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW02

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 760 THEN CLIMBING LEFT TURN TO 3000 DIRECT AGEPE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD S BRUNI, RT, 022.35 INBOUND, 2700 FT. IN LIEU OF PT (IF/IAF), MAX 6000.

3. FAC: 022.45FAF: CURREDIST FAF TO MAP: 4.62DIST FAF TO THLD: 4.62

4. MIN ALT: BRUNI 2700, CURRE 1800

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.65GS ANT:

6. MIN GP INCPT: 1800GP ALT AT FAF : CURRE 1800OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 30.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 0.87 NM TO RW02*
*LNAV ONLY
WAAS CHANNEL #56244
REFERENCE PATH ID: W02A
CHART FAS OBST: 348 BUILDING 620541N/1634111W.
HOLD NW, RT, 131.84 INBOUND
LTP HAE: 100.4 M

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
LPV DA	534	1	200	534	1	200	534	1	200	534	1	200			
LNAV/VNAV DA	584	1	250	584	1	250	584	1	250	584	1	250			
LNAV MDA	600	1	266	600	1	266	600	1	266	600	1	266			
CIRCLING	700	1	361	840	1	501	840	1 1/2	501	900	2	561			



CHANGES - REASONS

1. AIRPORT MAGVAR CHANGED FROM 14E TO 10E - MAGVAR OUT OF TOLERANCE, IAW 8260.19H PARA 2-5-3B.
2. CURRENT 'Y' TAA CONFIGURATION WAS UPDATED TO A 'T' CONFIGURATION; NEW COURSES/ALTITUDES/OBSTACLES ACCORDINGLY - IAW 8260.58A SECTION 2-4.
3. TERMINAL ROUTE CHANGED FROM HAVAP-TO-BRUNI/088.10M/8.0NM/2500' TO HAJJI-TO-BRUNI/112.14M/8.0NM/2700' - SEE NOTE 2. ABOVE.
4. TERMINAL ROUTE CHANGED FROM HOKVI-TO-BRUNI/308.49M/8.0NM/2500' TO HOBUK-TO-BRUNI/292.56M/8.0NM/2700' - SEE NOTE 2 ABOVE.
5. TERMINAL ROUTE CHANGED FROM BRUNI-TO-CURRE/018.37M/5.08NM/1800' TO BRUNI-TO-CURRE/022.35M/6.00NM/1800' - IAW 8260.58A PARA 3-1-4.
6. TERMINAL ROUTE CHANGED FROM CURRE-TO-RW02/018.45M/4.62NM TO CURRE-TO-RW02/022.45M/4.62NM - SEE 1. ABOVE.
7. TERMINAL ROUTE CHANGED FROM RW02-TO-600 MSL/018.45M TO RW02-TO-760 MSL/022.45M - IAW 8260.58A PARA 3-5-2 AND 3-7-1.B.(2).
8. TERMINAL ROUTES 600 MSL-TO-TEYUT AND TEYUT-TO-AGEPE REPLACED BY 760 MSL-TO-AGEPE - NEW MISSED APPROACH ROUTE SHORTER, MORE DIRECT, AND AS REQUESTED BY FPT.
9. NEW LINES OF MINIMA (LPV AND LNAV/VNAV) AND ASSOCIATED NOTES ADDED - PERMITS LOWER MINIMA; WAAS PROJECT.
10. VDP ADDED - PER 8260.3D PARA 2-6-5; VISUAL OBSTACLES NO LONGER EXIST.
11. MISSED APPROACH: CLIMB-IN-HOLD NOW REQUIRED - SEE 8. ABOVE; NEW DESIGN'S MISSED APPROACH SURFACE DOES NOT REACH WITHIN 1000' OF HOLDING ALTITUDE, IAW 8260.3D PARA'S 2-8-9, 2-1-3, 3-2-2B, AND 17-7-3.
12. ADDITIONAL FLIGHT DATA: CHART FAS OBSTACLE CHANGED FROM 348 OVERHEAD WIRES (PMOUT0027) 620543N/1634109W TO 348 BLDG (02-040113) 620541N/1634111W - IAW TARGETS AND MAP STUDY.
13. ADDITIONAL FLIGHT DATA: ADDED CHART CIRCLING ICON - NEW CIRCLING CRITERIA APPLIED.
14. "WHEN LOCAL ALTIMER SETTING NOT RECEIVED..." NOTE REMOVED - MOVED TO BACK OF 8260-9 IAW 8260.19H PARA 8-6-9F(3).
15. AIRCRAFT CATEGORIES C/D ADDED - ALLOWS LARGER AIRCRAFT TO FLY PRACTICE APPROACHES.
16. INCREASED CAT B CIRCLING MDA FROM 800 TO 840 - SEE 13 ABOVE.
17. ADDED MAXIMUM HOLDING PATTERN IN-LIEU-OF-PT ALTITUDE OF 6000 AT BRUNI - 6000 IS THE MAXIMUM ALTITUDE FOR THAT AIRSPEED, IAW 8260.3D TABLE 17-2-1; NOW LISTED IAW 8260.19H PARA 8-6-7B(2).
18. ADDED 20:1 IS CLEAR - SEE NOTE 10. ABOVE; IAW 8260.19H PARA 8-6-7G(3).
19. REMOVED PROFILE NOTE: VISUAL SEGMENT - OBSTACLES - SEE NOTE 10. ABOVE.
20. REMOVED ALTERNATE MINIMUMS NOTE - IAW 8260.3D PARA 3-4-1.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZAN, AIRPORT MANAGER

FLIGHT CHECKED BY

ANTHONY D VALLERA

Digitally signed by

ALLAN WILL

Nov 13, 2019

OFFICE

FICO

DATE

11/7/19

DEVELOPED BY

MARK CIARLONE

Digitally signed by

MARK CIARLONE

Mar 07, 2019

OFFICE

AJV-A423

DATE

11/20/2018

APPROVED BY

JULIE MORGAN

Digitally signed by

CASIMIR L TABAKA

Apr 30, 2019

OFFICE

A42

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAMO
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	620526.7230N
LTP/FTP LONGITUDE	1634118.0305W
LTP/FTP ELLIPSOIDAL HEIGHT	+01004
FPAP LATITUDE	620641.6125N
FPAP LONGITUDE	1633936.0500W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	A84E8354

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00908
FPAP ORTHOMETRIC HEIGHT	+00908

