

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> MILLER FIELD	<u>AIRPORT ID</u> KVTN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> VALENTINE	<u>STATE</u> NE
<u>AIRPORT ELEVATION</u> 2595	<u>TDZE</u> 2589	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 03/05/2015	<u>MAG VAR</u> 8E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 047/30 CW 227/30	NOPT	AHOFU	IF/IAF	5000
2. 227/30 CW 047/30	PT	AHOFU	IF/IAF	5000

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>
AHOFU	IF/IAF	CITBO		TF	FB	1.00	137.35	5.00	4400
CITBO	FAF	HAKNO/2.20 NM TO RW14		TF	FB	0.30	137.41	3.36	
HAKNO/2.20 NM TO RW14		RW14	MAP	TF	FO	0.30	137.41	2.20	
RW14	MAP	2861 MSL		CA			137.41		
2861 MSL		GIYIT		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 DIRECT GIYIT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NW AHOFU, RT, 137.35 INBOUND, 5000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 137.41FAF: CITBODIST FAF TO MAP: 5.56DIST FAF TO THLD: 5.56

4. MIN ALT: AHOFU 5000, CITBO 4400, HAKNO/2.20 NM TO RW14 3320*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:272 HAT: 0.73GS ANT:

6. MIN GP INCPT: 4400GP ALT AT FAF : CITBO 4400OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C OR ABOVE 54C.
CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.67 NM TO RW14*
*LNAV ONLY
WAAS CHANNEL #61037
REFERENCE PATH ID: W14A
CHART FAS OBST: 3003 TOWER 425319N/1003313W.
HOLD SE, RT, 317.55 INBOUND
LTP HAE: 766.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT B 1000-2

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	2861	1	272	2861	1	272		NA			NA				
LNAV/VNAV DA	3239	2 1/4	650	3239	2 1/4	650		NA			NA				
LNAV MDA	3160	1	571	3160	1	571		NA			NA				
CIRCLING	3160	1	565	3560	1 1/2	965		NA			NA				



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
MILLER FIELD	KVTN	RNAV (GPS) RWY 14	2A	VALENTINE	NE

CHANGES - REASONS

- 1. DELETED CHART NOTE DME/DME RNP-0.3 NA - ADDED PBN REQUIREMENTS NOTE: RNP APCH.
- 2. ADDED 20:1 IS CLEAR TO PROFILE LINE 7 - IAW CURRENT DOCUMENTATION CRITERIA.
- 3. AMENDED LPV DA/HAT FROM 2860/271 TO 2861/272 - NEW IPDS EVALUATION RESULT.
- 4. AMENDED CIRCLING CAT B MDA/HAA FROM 3360/765 TO 3560/965 - NEW CONTROLLING OBSTACLE, 3128 MSL WINDMILL 425132.77N/1003532.78W (31-023866) THIS CLEARS FDC 8/8317.
- 5. RAISED CIRCLING CAT B VISIBILITY FROM 1 TO 1 1/2 SM - RESULT OF CIRCLING CAT B MDA/HAA GOING FROM 3360/765 TO 3560/965.
- 6. ADDED ALTERNATE MINIMUMS NOTE: CAT B 1000-2 - RESULT OF HIGHER CIRCLING MDA.
- 7. MOVED BACK-UP ALTIMETER NOTES TO BACK OF 8260-9 - KVTN IS ON WMSCR NETWORK.
- 8. FAS DATA CHANGED: LTP/FTP FROM 425139.5280N/1003304.541 5W TO 425139.5270N/1003304.5390W, FPAP FROM 425026.1 085N/10031 55.8755W TO 425026.1080N/1003155.8725W, LENGTH OFFSET FROM 1432 TO 1440, CRC REMAINDER FROM 3C23FCF6 TO 4A7B4BF0 - NEW SURVEY 02/03/17.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: AMGR, ZDV

FLIGHT CHECKED BY

GLEN B FREEMAN

Digitally signed by

BEV L BORDY

Dec 14, 2018

OFFICE

FICO

DATE

12/13/18

DEVELOPED BY

IVAN BLANCO

Digitally signed by

IVAN BLANCO

Jun 27, 2018

OFFICE

AJV-5432

DATE

06/26/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

BEV L BORDY

Dec 14, 2018

OFFICE

AJV-5430

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVTN
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	425139.5270N
LTP/FTP LONGITUDE	1003304.5390W
LTP/FTP ELLIPSOIDAL HEIGHT	+07669
FPAP LATITUDE	425026.1080N
FPAP LONGITUDE	1003155.8725W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4A7B4BF0
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+07887
FPAP ORTHOMETRIC HEIGHT	+07887

