

**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> CHEVAK	<u>AIRPORT ID</u> PAVA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CHEVAK	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 61	<u>TDZE</u> 61	<u>SUPERSEDED</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 07/24/2014	<u>MAG VAR</u> 9E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 294/30 CW 114/30	NOPT	CEKTA	IF/IAF	2000
2. 114/30 CW 204/30		114/14 CW 204/14		5000
3. 114/14 CW 204/14		WETPO	IAF	2000
4. 204/30 CW 294/30		204/24 CW 294/24		2700
5. 204/24 CW 294/24		ZIDBO	IAF	2000

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>
ZIDBO	IAF	CEKTA	NOPT	TF	FB	1.00	294.01	8.00	2000
WETPO	IAF	CEKTA	NOPT	TF	FB	1.00	113.60	8.00	2000
CEKTA	IF/IAF	HUVAT		TF	FB	1.00	023.81	8.00	1500
HUVAT	FAF	RW02	MAP	TF	FO	0.30	023.94	4.44	
RW02	MAP	500 MSL		CA			023.94		500
500 MSL		CEKTA		DF	FO	1.00			2000



MISSED APPROACH

MAP:

LNAV/VNAV: DA
LNAV: RW02

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500, THEN CLIMBING RIGHT TURN TO 2000 DIRECT CEKTA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. HOLD SW CEKTA, RT, 023.81 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 023.94 **FAF:** HUVAT **DIST FAF TO MAP:** 4.44 **DIST FAF TO THLD:** 4.44
- 4. **MIN ALT:** CEKTA 2000, HUVAT 1500
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- 6. **MIN GP INCPT:** 1500 **GP ALT AT FAF :** HUVAT 1500 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 40.0
- 8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°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 1.27 NM TO RW02*
*LNAV ONLY
CHART FAS OBST: 220 WINDMILL 613127N/1653622W.

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		
	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
LNAV/VNAV DA	381	1	320	381	1	320	381	1	320	381	1	320			
LNAV MDA	480	1	419	480	1	419	480	1 1/8	419	480	1 1/8	419			
CIRCLING	520	1	459	520	1	459	520	1 1/2	459	700	2	639			



CHANGES - REASONS

1. ADDED WAAS CAPABILITY, LPV AND LNAV/VNAV AND ALL ASSOCIATED NOTES - FPT REQUESTED.
2. CHANGED MAG VAR FROM "13E EPOCH YEAR 2005" TO "9E EPOCH YEAR 2020 - MAG VAR DECLINATION.
3. CHANGED TAA FROM "FROM 290/30 CW 110/30 (NO PT) TO JIDKU (IF/IAF) ALT 1900" TO "FROM 294/30 CW 114/30 (NO PT) TO CEKTA (IF/IAF) ALT 2000" - MAG VAR CHANGED TO 9E EPOCH YEAR 2020, PROCEDURE RE-DESIGN, NEW IF/IAF FIX ESTABLISHED AND NEW OBSTACLE EVALUATION.
4. CHANGED TAA FROM "FROM 110/30 CW 200/30 TO 110/13 CW 200/13 ALT 3800" TO "FROM 114/30 CW 204/30 TO 114/14 CW 204/14 ALT 5000" - MAG VAR CHANGED TO 9E EPOCH YEAR 2020, PROCEDURE RE-DESIGN AND NEW OBSTACLE EVALUATION.
5. CHANGED TAA FROM "FROM 110/13 CW 200/13 TO ORICU (IAF) ALT 1900" TO "FROM 114/14 CW 204/14 TO WETPO (IAF) ALT 2000" - MAG VAR CHANGED TO 9E EPOCH YEAR 2020, PROCEDURE RE-DESIGN, NEW IF/IAF FIX ESTABLISHED AND NEW OBSTACLE EVALUATION.
6. ADDED NEW TAA SECTOR "FROM 204/30 CW 294/30 TO 204/24 CW 294/24 ALT 2700" - PROCEDURE RE-DESIGN AND NEW OBSTACLE EVALUATION.
7. CHANGED TAA FROM "FROM 200/30 CW 290/30 TO WAVNU (IAF) ALT 2900" TO "FROM 204/24 CW 294/24 TO ZIDBO (IAF) ALT 2000" - MAG VAR CHANGED TO 9E EPOCH YEAR 2020, PROCEDURE RE-DESIGN, NEW IF/IAF FIX ESTABLISHED AND NEW OBSTACLE EVALUATION.
8. CHANGED TERMINAL ROUTE FROM "FROM WAVNU (IAF) TO JIDKU (NO PT) COURSE AND DISTANCE 289.96/4.00 ALTITUDE 1900" TO "FROM ZIDBO (IAF) TO CEKTA (NO PT) COURSE AND DISTANCE 294.01/8.00 ALTITUDE 2000" - PROCEDURE RE-DESIGNED TO LENGTHEN IAF MEET NEW CRITERIA FOR MINIMUM LEG LENGTH, NEW IAF AND IF/IAF FIXES ESTABLISHED, AND NEW OBSTACLE EVALUATION.
9. CHANGED TERMINAL ROUTE FROM "FROM ORICU (IAF) TO JIDKU (NO PT) COURSE AND DISTANCE 109.76/4.00 ALTITUDE 1900" TO "FROM WETPO (IAF) TO CEKTA (NO PT) COURSE AND DISTANCE 113.60/8.00 ALTITUDE 2000" - PROCEDURE RE-DESIGNED TO LENGTHEN IAF MEET NEW CRITERIA FOR MINIMUM LEG LENGTH, NEW IAF AND IF/IAF FIXES ESTABLISHED, AND NEW OBSTACLE EVALUATION.
10. CHANGED TERMINAL ROUTE FROM "FROM JIDKU (IF/IAF) TO HUVAT COURSE AND DISTANCE 019.86/5.00 ALTITUDE 1500" TO "FROM CEKTA (IF/IAF) TO HUVAT COURSE AND DISTANCE 023.81/8.00 ALTITUDE 1500" - PROCEDURE RE-DESIGNED TO LENGTHEN IF SEGMENT PER FPT REQUEST, NEW IF/IAF FIXES ESTABLISHED, AND NEW OBSTACLE EVALUATION.
11. ADDED TERMINAL ROUTE "FROM HUVAT (FAF) TO RW02 (MAP) COURSE AND DISTANCE 023.94/4.44 - PRODECURE RE-DESIGNED TO ADD WAAS CAPABILITY, NEW FORMS CRITERIA APPLIED.
12. ADDED TERMINAL ROUTE "FROM RW02 (MAP) TO 500 MSL COURSE 023.94" - PRODECURE RE-DESIGNED TO ADD WAAS CAPABILITY NEW FORMS CRITERIA APPLIED.
13. ADDED TERMINAL ROUTE "FROM 500 MSL TO CEKTA ALTITUDE 2000" - PRODECURE RE-DESIGNED TO ADD WAAS CAPABILITY NEW FORMS CRITERIA APPLIED.
14. ADDED LPV DA: AND LNAV/VNAV: DA TO MISSED APPROACH - PRODECURE RE-DESIGNED TO ADD WAAS CAPABILITY.
15. CHANGED MISSED APPROACH FROM "LNAV: VAVVU" TO "LNAV RW02" - MAP LOCATION MOVED TO RWY THRESHOLD.
16. CHANGED MISSED APPROACH INSTUCTIONS FROM "CLIMBING LEFT TURN TO 1900 DIRECT JIDKU AND HOLD" TO "CLIMB TO 500, THEN CLIMBING RIGHT TURN TO 2000 DIRECT CEKTA AND HOLD" - PROCEDURE RE-DESIGNED AND NEW OBSTACLE EVALUATION COMPLETED.
17. CHANGED PROFILE LINE 2 FROM "HOLD S JIDKU, RT, 019.86 INBOUND, 1900 FT. IN LIEU OF PT (IF/IAF)" TO "HOLD SW CEKTA, RT, 023.81 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000" - PROCEDURE RE-DESIGNED AND NEW OBSTACLE EVALUATION COMPLETED.
18. CHANGED PROFILE LINE 3 FROM "FAC: 019.95 FAF: HUVAT DIST FAF TO MAP: 4.17 THLD: 4.47" TO "FAC: 023.94 FAF: HUVAT DIST FAF TO MAP: 4.44 DIST FAF TO THLD: 4.44" - MAG VAR, NEW FAF FIX AND LOCATION.
19. CHANGED PROFILE LINE 4 FROM "MIN ALT: JIDKU 1900, HUVAT 1500" TO "MIN ALT: CEKTA 2000, HUVAT 1500" - NEW IF/IAF AND FAF FIXES AND LOCATIONS, NEW OBSTACLE EVALUATION.
20. ADDED PROFILE LINE 5 "DIST FROM THLD TO 200 HAT: 0.54" - LPV ADDED.
21. ADDED PROFILE LINE 6 "MIN GP INCPT: 1500 GP ALT AT FAF: HUVAT 1500" - NEW WAAS LPV AND LNAV/VNAV ADDED.
22. CHANGED PROFILE LINE 7 TO ADD "GP ANGLE: 3.00" CHANGED FROM "34:1 IS NOT CLEAR" TO "34:1 IS CLEAR" AND ADDED "20:1 IS CLEAR" ADDED TCH "40" - NEW WAAS LPV AND LNAV/VNAV ADDED, PREVIOUS 34:1 OBSTRUCTION REMOVED.
23. ADDED LPV DA TO MINIMUMS CAT A-D "DA 261 / VIS 1 SM / HAT 200" - NEW WAAS ADDED PER FPT REQUEST.
24. ADDED LNAV/VNAV DA TO MINIMUMS CAT A-D "DA 381 / VIS 1 SM / HAT 320" - NEW WAAS ADDED PER FPT REQUEST.
25. CHANGED LNAV MINIMUMS FROM "CAT A-B MDA 460 / VIS 1 SM / HAT 413, CAT C-D NA" TO "CAT A-B MDA 480 / VIS 1 SM / HAT 419, CAT C-D MDA 480 / VIS 1 1/8 SM / HAT 419" - ADDED CATS C AND D PER FPT REQUEST, PROCEDURE RE-DESIGN AND NEW OBSTACLE EVALUATION.
26. CHANGED CIRCLING MINIMUMS FROM "CAT A-B MDA 520 / VIS 1 SM / HAA 460, CAT C-D NA" TO "CAT A-B MDA 520 / VIS 1 SM / HAA 459, CAT C MDA 520 / VIS 1 1/2 SM / HAA 459, CAT D MDA 700 / VIS 2 SM / HAA 639" - ADDED CATS C AND D PER FPT REQUEST, NEW CIRCLING CRITERIA APPLIED AND NEW OBSTACLE EVALUATION.
27. REMOVED MIMIMUMS NOTE "@NA WHEN LOCAL WEATHER NOT AVAILABLE" - BACKUP ALTIMETER INFORMATION MOVED TO BACK OF -9 FOR NOTAM CONTINGENCY.
28. REMOVED NOTE "CHART NOTE: PROCEDURE NA AT NIGHT" - PREVIOUS VISUAL AREA OBSTRUCTIONS REMOVED.
29. REMOVED NOTE "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "PBN REQUIREMENTS NOTE: RNP APCH" - PER .19H EQUIPMENT REQUIRMENTS NOTES.
30. REMOVED NOTE "CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA" - NEW SURVEY, PREVIOUS VISUAL AREA OBSTRUCTIONS REMOVED.
31. REMOVED NOTE "CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE HOOPER BAY ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET" - PER .19H 8-6-9 F(3) NOT REQUIRED WHEN ASOS NON-FED TRANSMITS TO WMSCR. DATA PLACED ON BACK OF -9 FOR NOTAM CONTINGENCY.
32. ADDED NOTE "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - VGSI TCH 25 FEET VS PROCEDURE TCH 40 FEET.
33. ADDED NOTE "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C. - NEW WAAS LNAV/VNAV ADDED.
34. ADDED ADDTIONAL FLIGHT DATA NOTE " CHART CIRCLING ICON" - PER .19H WHEN NEW 8260.3 CIRCLING CRITIERIA APPLIED.
35. ADDED ADDITIONAL FLIGHT DATA NOTE " CHART VDP AT 1.27 NM TO RW02*" - VISUAL AREA CLEAR OF PREVIOUS PENETRATIONS.
36. ADDED ADDITIONAL FLIGHT DATA NOTE ""LNAV ONLY" - PER .19H REQUIREMENTS WHEN VDP IS ESTABLISHED.
37. REMOVED ADDITIONAL FLIGHT DATA NOTE "HUVAT TO RW02: 3.00/40" - PRECISION MINIMA ADDED.
38. CHANGED ADDITIONAL FLIGHT DATA NOTE CHART FAS OBST: FROM "202 TOWER 613127N/1653622W" TO "220 WINDMILL 613127N/1653622W" - NEW SURVEY AND NEW OBSTACLE EVALUATION COMPLETED.
39. ADDED FAS DATA - ADDED NEW WAAS CAPABILITY.

12/12/19 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/30/19.

1. LPV LINE OF MINIMA REMOVED.
2. ALL ASSOCIATED NOTES FOR LPV REMOVED.



- 3. MISSED APPROACH: LPV: DA DELETED.
- 4. FAS DATA BLOCK INFORMATION DELETED.
- 5. ADDITIONAL FLIGHT DATA: WAAS CHANNEL #65644, REFERENCE PATH ID W02A, LTP HAE: 22.8 M DELETED.
- 6. ALTERNATE: STANDARD - N/A WHEN LOCAL WEATHER NOT AVAILABLE ADDED.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAN ARTCC, ENA FSS.

Digitally signed by

DAVID DANNER

Dec 13, 2019

FLIGHT CHECKED BY
JOHN DAVID KEARBY

OFFICE
FIOG

DATE
6/11/2019

DEVELOPED BY
DAVID DANNER (DARREN HOOPER)

Digitally signed by

DAVID DANNER

Dec 13, 2019

OFFICE
AJV-A421

DATE
01/30/2019

APPROVED BY
JULIE MORGAN

Digitally signed by

DAVID DANNER

Dec 13, 2019

OFFICE
A42

DATE

TITLE
MANAGER

