

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 20	<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SUPERSEDED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 20	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 05/29/2014	<u>MAG VAR</u> 9E	<u>EPOCH YEAR</u> 2020
<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>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 114/30 CW 211/30	NOPT	PEYKI	IF/IAF	3000
2. 211/30 CW 241/30	NOPT	211/22 CW 241/22		3900
3. 211/22 CW 241/22	NOPT	PEYKI	IF/IAF	3000
4. 241/30 CW 294/30	NOPT	PEYKI	IF/IAF	3000
5. 294/30 CW 024/30		ODEDE	IAF	5000
6. 024/30 CW 114/30		024/9 CW 114/9		5000
7. 024/9 CW 114/9		RUGME	IAF	3300

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>
ODEDE	IAF	PEYKI	NOPT	TF	FB	1.00	294.48	8.00	3000
RUGME	IAF	PEYKI	NOPT	TF	FB	1.00	114.07	8.00	3000
PEYKI	IF/IAF	JOXAR		TF	FB	1.00	204.27	6.50	2600
JOXAR		JEXEV		TF	FB	1.00	204.16	3.10	1800
JEXEV	FAF	HOTAK/2.46 NM TO RW20		TF	FB	0.30	204.11	2.88	
HOTAK/2.46 NM TO RW20		RW20	MAP	TF	FO	0.30	240.11	2.46	
RW20	MAP	500 MSL		CA			204.11		500
500 MSL		PEYKI		DF	FO	1.00			3000



MISSED APPROACH

MAP:
LNAV/VNAV: DA
LNAV: RW20

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 500, THEN CLIMBING LEFT TURN TO 3000 DIRECT PEYKI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NE PEYKI, RT, 204.27 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 204.11 FAF: JEXEV DIST FAF TO MAP: 5.34 DIST FAF TO THLD: 5.34
4. MIN ALT: PEYKI 3000, JOXAR 2600, JEXEV 1800, HOTAK/2.46 NM TO RW20 880*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
6. MIN GP INCPT: 1800 GP ALT AT FAF : JEXEV 1800 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 -20°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 1.05 NM TO RW20*
*LNAV ONLY
CHART FAS OBST: 116 TREE 613212N/1653512W.

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		
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
LNAV/VNAV DA	311	1	250	311	1	250	311	1	250	311	1	250			
LNAV MDA	420	1	359	420	1	359	420	1	359	420	1	359			
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 110/30 CW 200/30 (NO PT) TO PEYKI (IF/IAF) ALT 3100" TO "FROM 114/30 CW 211/30 (NO PT) TO PEYKI (IF/IAF) ALT 3000" - 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 200/30 CW 245/30 (NO PT) TO 200/21 CW 245/21 ALT 3900" TO "FROM 211/30 CW 241/30 (NO PT) TO 211/22 CW 241/22 ALT 3900" - MAG VAR CHANGED TO 9E EPOCH YEAR 2020, PROCEDURE RE-DESIGN AND NEW OBSTACLE EVALUATION.
5. CHANGED TAA FROM "FROM 200/21 CW 245/21 TO PEYKI (IF/IAF) ALT 3100" TO "FROM 211/22 CW 241/22 (NO PT) TO PEYKI (IF/IAF) ALT 3000" - MAG VAR CHANGED TO 9E EPOCH YEAR 2020, PROCEDURE RE-DESIGN, NEW IF/IAF FIX ESTABLISHED AND NEW OBSTACLE EVALUATION.
6. CHANGED TAA FROM "FROM 245/30 CW 290/30 (NO PT) TO PEYKI (IF/IAF) ALT 3100" TO "FROM 241/30 CW 294/30 (NO PT) TO PEYKI (IF/IAF) ALT 3000" - MAG VAR CHANGED TO 9E EPOCH YEAR 2020, PROCEDURE RE-DESIGN, NEW IF/IAF FIX ESTABLISHED AND NEW OBSTACLE EVALUATION.
7. CHANGED TAA FROM "FROM 290/30 CW 020/30 TO TUCUL (IAF) ALT 3100" TO "FROM 294/30 CW 024/30 TO ODEDE (IAF) ALT 5000" - MAG VAR CHANGED TO 9E EPOCH YEAR 2020, PROCEDURE RE-DESIGN, NEW IF/IAF FIX ESTABLISHED AND NEW OBSTACLE EVALUATION.
8. CHANGED TAA FROM "FROM 020/30 CW 110/30 TO WEPIT (IAF) ALT 3800" TO "FROM 024/30 CW 114/30 TO 024/9 CW 114/9 ALT 5000" - MAG VAR CHANGED TO 9E EPOCH YEAR 2020, PROCEDURE RE-DESIGN, AND NEW OBSTACLE EVALUATION.
9. ADDED NEW TAA SECTOR "FROM 024/9 CW 114/9 TO RUGME (IAF) ALT 3300" - PROCEDURE RE-DESIGN AND NEW OBSTACLE EVALUATION.
10. CHANGED TERMINAL ROUTE FROM "FROM TUCUL (IAF) TO PEYKI (NO PT) COURSE AND DISTANCE 290.37/4.00 ALTITUDE 3100" TO "FROM ODEDE (IAF) TO PEYKI (NO PT) COURSE AND DISTANCE 294.48/8.00 ALTITUDE 3000" - PROCEDURE RE-DESIGNED TO LENGTHEN IAF MEET NEW CRITERIA FOR MINIMUM LEG LENGTH, NEW IAF AND IF/IAF FIXES ESTABLISHED, AND NEW OBSTACLE EVALUATION.
11. CHANGED TERMINAL ROUTE FROM "FROM WEPIT (IAF) TO PEYKI (NO PT) COURSE AND DISTANCE 110.17/4.00 ALTITUDE 3100" TO "FROM RUGME (IAF) TO PEYKI (NO PT) COURSE AND DISTANCE 114.07/8.00 ALTITUDE 3000" - PROCEDURE RE-DESIGNED TO LENGTHEN IAF MEET NEW CRITERIA FOR MINIMUM LEG LENGTH, NEW IAF AND IF/IAF FIXES ESTABLISHED, AND NEW OBSTACLE EVALUATION.
12. CHANGED TERMINAL ROUTE FROM "FROM PEYKI (IF/IAF) TO JIVKO COURSE AND DISTANCE 200.27/4.00 ALTITUDE 2900" TO "FROM PEYKI (IF/IAF) TO JOXAR/3.10 NM TO JEXEV COURSE AND DISTANCE 204.27/6.50 ALTITUDE 2600" - PROCEDURE RE-DESIGNED TO LENGTHEN IF SEGMENT PER FPT REQUEST, NEW IF/IAF AND FAF FIXES ESTABLISHED, AND NEW OBSTACLE EVALUATION.
13. CHANGED TERMINAL ROUTE FROM "FROM JIVKO TO JEVEX COURSE AND DISTANCE 200.27/5.34 ALTITUDE 1700" TO "FROM JOXAR/3.10 NM TO JEXEV TO JEVEX COURSE AND DISTANCE 204.16/3.10 ALTITUDE 1800" - PROCEDURE RE-DESIGNED TO LENGTHEN IF SEGMENT PER FPT REQUEST, NEW IF/IAF AND FAF FIXES ESTABLISHED, AND NEW OBSTACLE EVALUATION.
14. ADDED TERMINAL ROUTE "FROM JEXEV (FAF) TO HOTAK/2.46 NM TO RW20 COURSE AND DISTANCE 204.11/2.88 - PROCEDURE RE-DESIGNED TO ADD WAAS CAPABILITY, NEW STEPDOWN FIX DEFINED, NEW FORMS CRITERIA APPLIED.
15. ADDED TERMINAL ROUTE "FROM HOTAK/2.46 NM TO RW20 TO RW20 (MAP) COURSE AND DISTANCE 204.11/2.46 - PROCEDURE RE-DESIGNED TO ADD WAAS CAPABILITY, NEW STEPDOWN FIX DEFINED, NEW FORMS CRITERIA APPLIED.
16. ADDED TERMINAL ROUTE "FROM RW20 (MAP) TO 500 MSL COURSE 204.11" - PROCEDURE RE-DESIGNED TO ADD WAAS CAPABILITY NEW FORMS CRITERIA APPLIED.
17. ADDED TERMINAL ROUTE "FROM 500 MSL TO PEYKI ALTITUDE 3000" - PROCEDURE RE-DESIGNED TO ADD WAAS CAPABILITY NEW FORMS CRITERIA APPLIED.
18. ADDED LPV DA: AND LNAV/VNAV: DA TO MISSED APPROACH - PROCEDURE RE-DESIGNED TO ADD WAAS CAPABILITY.
19. CHANGED MISSED APPROACH FROM "LNAV: VICLU" TO "LNAV RW20" - MAP LOCATION MOVED TO RWY THRESHOLD.
20. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMBING RIGHT TURN TO 3100 DIRECT PEYKI AND HOLD" TO "CLIMB TO 500, THEN CLIMBING LEFT TURN TO 3000 DIRECT PEYKI AND HOLD" - PROCEDURE RE-DESIGNED AND NEW OBSTACLE EVALUATION COMPLETED.
21. CHANGED PROFILE LINE 2 FROM "HOLD N PEYKI, RT, 200.27 INBOUND, 3100 FT. IN LIEU OF PT (IF/IAF)" TO "HOLD NE PEYKI, RT, 204.27 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000" - PROCEDURE RE-DESIGNED AND NEW OBSTACLE EVALUATION COMPLETED.
22. CHANGED PROFILE LINE 3 FROM "FAC: 200.11 FAF: JEVEX DIST FAF TO MAP: 4.77 THLD: 5.07" TO "FAC: 204.11 FAF: JEXEV DIST FAF TO MAP: 5.34 DIST FAF TO THLD: 5.34" - MAG VAR, NEW FAF FIX AND LOCATION.
23. CHANGED PROFILE LINE 4 FROM "MIN ALT: PEYKI 3100, JIVKO 2900, JEVEX 1700" TO "MIN ALT: PEYKI 3000, JOXAR 2600, JEXEV 1800, HOTAK/2.46 NM TO RW20 680'" - NEW IF/IAF, STEPDOWN AND FAF FIXES AND LOCATIONS, NEW OBSTACLE EVALUATION.
24. ADDED PROFILE LINE 5 "DIST FROM THLD TO 200 HAT: 0.51" - LPV ADDED.
25. ADDED PROFILE LINE 6 "MIN GP INCPT: 1800 GP ALT AT FAF: CUBKU 1800" - NEW WAAS LPV AND LNAV/VNAV ADDED.
26. 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.
27. ADDED LPV DA TO MINIMUMS CAT A-D "DA 261 / VIS 1 SM / HAT 200" - NEW WAAS ADDED PER FPT REQUEST.
28. ADDED LNAV/VNAV DA TO MINIMUMS CAT A-D "DA 311 / VIS 1 SM / HAT 250" - NEW WAAS ADDED PER FPT REQUEST.
29. CHANGED LNAV MINIMUMS FROM "CAT A-B MDA 460 / VIS 1 SM / HAT 413, CAT C-D NA" TO "CAT A-D MDA 420 / VIS 1 SM / HAT 359" - ADDED CATS C AND D PER FPT REQUEST, PROCEDURE RE-DESIGN AND NEW OBSTACLE EVALUATION.
30. 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.
31. REMOVED MINIMUMS NOTE "@NA WHEN LOCAL WEATHER NOT AVAILABLE" - BACKUP ALTIMETER INFORMATION MOVED TO BACK OF -9 FOR NOTAM CONTINGENCY.
31. REMOVED NOTE "CHART NOTE: PROCEDURE NA AT NIGHT" - PREVIOUS VISUAL AREA OBSTRUCTIONS REMOVED.
32. REMOVED NOTE "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "PBN REQUIREMENTS NOTE: RNP APCH" - PER .19H EQUIPMENT REQUIRMENTS NOTES.
33. REMOVED NOTE "CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA" - NEW SURVEY, PREVIOUS VISUAL AREA OBSTRUCTIONS REMOVED.
34. 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.
35. 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.
36. ADDED NOTE "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C. - NEW WAAS LNAV/VNAV ADDED.
37. ADDED ADDITIONAL FLIGHT DATA NOTE "CHART CIRCLING ICON" - PER .19H WHEN NEW 8260.3 CIRCLING CRITERIA APPLIED.

38. ADDED ADDITIONAL FLIGHT DATA NOTE " CHART VDP AT 1.05 NM TO RW20*" - VISUAL AREA CLEAR OF PREVIOUS PENETRATIONS.
39. ADDED ADDITIONAL FLIGHT DATA NOTE ""LNAV ONLY" - PER .19H REQUIREMENTS WHEN VDP IS ESTABLISHED.
40. REMOVED ADDITIONAL FLIGHT DATA NOTE "JEVEX TO RW20: 3.00/40" - PRECISION MINIMA ADDED.
41. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM "CHART FAS OBST 114 TREE 613540N/1653123W" TO "CHART FAS OBST: 116 TREE 613212N/1653512W" - NEW SURVEY AND NEW OBSTACLE EVALUATION COMPLETED.
42. ADDED FAS DATA - ADDED NEW WAAS CAPABILITY.

12/12/19 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/04/19

1. LPV LINE OF MINIMA REMOVED.
2. ALL ASSOCIATED NOTES FOR LPV REMOVED.
3. ADDITIONAL FLIGHT DATA: WAAS CHANNEL #81844, REFERENCE PATH ID: W20A, AND LTP HAE 26.4 M DELETED.
4. MISSED APPROACH LPV DA REMOVED.
5. ALL FAS DATA REMOVED.
6. ALTERNATE: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE ADDED.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JOHN DAVID KEARBY

Digitally signed by

DAVID DANNER

Dec 13, 2019

Digitally signed by

DAVID DANNER

Dec 13, 2019

OFFICE

FIOG

DATE

6/11/2019

DEVELOPED BY

DAVID DANNER (DARREN HOOPER)

OFFICE

AJV-A421

DATE

02/04/2019

APPROVED BY

JULIE MORGAN

Digitally signed by

DAVID DANNER

Dec 13, 2019

OFFICE

A42

DATE

TITLE
MANAGER