

**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 ID ANI/PANI	PROCEDURE NAME RNAV (GPS) RWY 11	ORIGINAL/AMENDMENT 3	CITY ANIAK	STATE AK
AIRPORT ELEVATION 97	TDZE 97	SUPERSEDED RNAV (GPS) RWY 11	ORIGINAL/AMENDMENT 2	DATED 09/10/2020
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	MAG VAR 12E
				EPOCH YEAR 2020
				CANCEL/SUSPEND

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 019/30 CW 199/30	NOPT	IKUFU	IF/IAF	3500
2. 199/30 CW 289/30		199/8 CW 289/8		5600
3. 199/8 CW 289/8		NUBDY	IAF	3500
4. 289/30 CW 019/30		289/15 CW 019/15		5900
5. 289/15 CW 019/15		ZEVOD	IAF	3500

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZEVOD	IAF	IKUFU	NOPT	TF	FB	1.00	018.75	9.00	3500
NUBDY	IAF	IKUFU	NOPT	TF	FB	1.00	199.03	9.00	3500
IKUFU	IF/IAF	ANORE		TF	FB	1.00	108.89	5.70	1700
ANORE	FAF	CALIL/3.23 NM TO RW11		TF	FB	0.30	109.05	1.70	
CALIL/3.23 NM TO RW11		RW11	MAP	TF	FO	0.30	109.05	3.23	
RW11	MAP	347 MSL		CA			109.05		
347 MSL		APWIS		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW11

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT APWIS AND HOLD, CONTINUE CLIMB IN HOLD TO 3500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD W IKUFU, LT, 108.89 INBOUND, 3500 IN LIEU OF PT (IF/IAF), MAX 6000.														
3.	FAC:	109.05	FAF:	ANORE	DIST FAF TO MAP:	4.93	DIST FAF TO THLD:	4.93							
4.	MIN ALT:	IKUFU 3500, ANORE 1700, CALIL/3.23 NM TO RW11 1160													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.68	GS ANT:				
6.	MIN GP INCPT:	1700	GP ALT AT PFAF:	ANORE 1700					OM:		MM:		IM:		
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	34.6							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING NA NORTH OF RWY 11-29.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV ALL CATS, LNAV CAT A.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 2 1/2 SM.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KLG/PALG ALTIMETER SETTING: INCREASE LPV DA TO 407 FEET AND LNAV/VNAV DA TO 920 FEET; INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CAT A 1/4 SM.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING KLG/PALG ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 109.49 INBOUND.
CHART FAS OBST: 609 TREE (02-246239) 613652N/1593719W.
CHART VDP AT 2.27 NM TO RW11.
WAAS CHANNEL # 45838
REFERENCE PATH ID: W11A
LTP HAE: 40 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/2, CAT D 1200-3, 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
LPV DA	347	1	250	347	1	250	347	1	250	347	1	250			
LNAV/VNAV DA	860	2	763	860	2	763	860	2	763	860	2	763			
LNAV MDA	860	1	763	860	1	763	860	2	763	860	2	763			
CIRCLING	860	1	763	860	1 1/4	763	860	2 1/2	763	1200	3	1103			



CHANGES - REASONS

1. TAA: CHANGED NUBDY TAA SEGMENT 199/30 CW 289/30 TO 199/10 CW 289/10 ALTITUDE FROM 5500 TO 5600 – NEW TERRAIN EVALUATION.
2. TAA: CHANGED ZEVOD TAA SEGMENT 289/30 CW 019/30 TO 289/15 CW 019/15 ALTITUDE FROM 5800 TO 5900 – NEW TERRAIN EVALUATION.
3. MOVED FIXES ANORE 6.30 FT NORTHWEST, CALIL 423 FT SOUTHEAST – ALIGN TO FAC.
4. TERMINAL ROUTES: FAC CHANGED FROM 109.04 TO 109.05 - MOVED FIX APWIS 4.10 FEET SOUTHWEST TO ALIGN TO FAC OF RNAV (GPS) RWY 29 PROC.
5. MISSED APPROACH INSTRUCTIONS: CHANGED “CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3500 DIRECT IKUFU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500.” AND ADDED “CLIMB TO 3500 DIRECT APWIS AND HOLD, CONTINUE CLIMB IN HOLD TO 3500” – ATC REQUEST, APWIS HOLD INBOUND HEADING CHANGED DUE TO HIGH TERRAIN PICKED UP TO THE NORTH IN CIH, FPT CONCURS.
6. TERMINAL ROUTES: LOWERED LNAV/VNAV DA/HAT FROM DA 994/HAT 897 TO DA 860/HAT 763, VISIBILITY CHNAGED FROM 4 SM TO 2 SM ALL CATS – LOWERED TO MATCH LNAV MDA, CONTROLLING OBS IN SLOPED SFC.
7. PROFILE: REMOVED *S FROM PROFILE VIEW AT VDP, SDF, *LNAV ONLY – NOT REQUIRED.
8. ALTERNATE MINIMUMS: CHANGED FROM CAT D 1100-4 TO 1200-4 - UPDATED VISIBILITY EVALUATION, LOWER MINIMUMS.
9. PBN REQUIREMENTS NOTE: CHANGED NOTE FROM "RNP APCH" TO "RNP APCH-GPS" - IAW 8260.19J 8-6-8 D 5.
10. NOTES: UPDATED AND MOVED BACKUP ALTIMETER AND BARO-VNAV NOTES TO DASH 3 FORM – PILOT VISIBILITY, FPT REQUEST.
11. NOTES: CHANGED BACK ALTIMETER NOTE: FROM INCREASE LPV DA TO 407 FEET AND LNAV/VNAV DA TO 1054 FEET; INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CAT A 1/4 SM TO INCREASE LPV DA TO 407 FEET AND LNAV/VNAV DA TO 920 FEET; INCREASE ALL MDAS 60 FEET AND CIRCLING VISIBILITY CAT A 1/4 SM – LOWERED LNAV/VNAV MINS.
12. CRC REMAINDER: CHANGED FROM 936FF646 TO C3D1B7E3 - LTP/FTP LAT LONG CHANGED FROM 613506.8200N/1593330.8000W TO 613506.8235N/1593330.7955W, FPAP LAT LONG CHANGED FROM 613420.8080N/1593051.3575W TO 613420.8060N/1593051.3605W, LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +00401 TO +00400, LTP ORTHOMETRIC HEIGHT/FPAP ORTHOMETRIC HEIGHT CHANGED FROM +00296 TO +00295.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZAN, AMGR, STATE OF ALASKA/DOT/PF

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

ARTHUR ULVESTAD

OFFICE

DATE

AJV-A422

04/10/2026

APPROVED BY

RAKE MCGRAW

OFFICE

DATE

TITLE

AJV-A422

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PANI
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	613506.8235N
LTP/FTP LONGITUDE	1593330.7955W
LTP/FTP ELLIPSOIDAL HEIGHT	+00400
FPAP LATITUDE	613420.8060N
FPAP LONGITUDE	1593051.3605W
THRESHOLD CROSSING HEIGHT (TCH)	00034.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C3D1B7E3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00295
FPAP ORTHOMETRIC HEIGHT	+00295



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

<u>AIRPORT ID</u> ANI/PANI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 11	<u>AMDT NO.</u> 3	<u>CITY</u> ANIAK	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 97	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
019/30 CW 199/30

TO
IKUFU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	613854.00N/1600906.00W	2136	215	8	4B	1000				AT364	3500
TERRAIN	613851.00N/1600915.00W	1935 (1900)								AS1500	3400

COMPUTATIONS

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

SEGMENT REMARKS:

LEFT BASE AREA

FROM
199/30 CW 289/30

TO
199/8 CW 289/8

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	614003.00N/1591033.00W	3547	215	8	4B	2000					5600
TERRAIN	614003.00N/1591033.00W	3346 (3300)								AS1500	4800

COMPUTATIONS

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

SEGMENT REMARKS:



LEFT BASE AREA

FROM

199/8 CW 289/8

TO

NUBDY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	614418.00N/1592854.00W	1464	215	8	4B	2000					3500
TERRAIN	614412.00N/1592900.00W	1263 (1300)								AS1500	2800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM

289/30 CW 019/30

TO

289/15 CW 019/15

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	611015.00N/1594603.00W	3829	215	8	4B	2000					5900
TERRAIN	611015.00N/1594603.00W	3628 (3600)								AS1500	5100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

289/15 CW 019/15

TO

ZEVOD

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	611706.00N/1595006.00W	962	215	8	4B	2000				AT538	3500
TERRAIN	613524.00N/1595445.00W	744 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

ZEVOD

TO

IKUFU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	9.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	613430.00N/1600236.00W	1352	215	8	4B	1000				AT1148	3500
TERRAIN	613430.00N/1600239.00W	1151 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

NUBDY

TO

IKUFU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	9.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	614500.00N/1595154.00W	1647	215	8	4B	1000				AT853	3500
TERRAIN	614500.00N/1595154.00W	1446 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

IKUFU (IF/IAF)

TO

ANORE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.70										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	614118.00N/1595406.00W	804	215	8	4B	500				AT396	1700
TERRAIN	613736.00N/1594239.00W	508 (500)								AS1000	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

ANORE

TO

RW11

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	4.93		DA				250				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (02-304942)	613512.45N/1593403.03W	141	20	3	1A		34.00:1				347

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

ANORE

TO

RW11

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	4.93		DA				763				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (02-246239)	613652.16N/1593718.67W	609	20	3	1A		24.09:1				860

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

ANORE

TO

CALIL/3.23 NM TO RW11

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	1.70										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	613645.00N/1594045.00W	834	250	10	4B	250				RA60	1160

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY
39
CHECKED

FINAL: LNAV STEPDOWN

FROM

CALIL/3.23 NM TO RW11

TO

RW11

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.23		RW11		763						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (02-246239)	613652.16N/1593718.67W	609	20	3	1A	250					860

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

IKUFU

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
		P-5									
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	614518.00N/1595236.00W	1890	215	8	4B	1000				AT610	3500
TERRAIN	614518.00N/1595236.00W	1689 (1700)								AS1500	3200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LPV

FROM

DA

TO

APWIS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
0.30										160	
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3500
TREE (02-246239)	613652.16N/1593718.67W	609	20	3	1A	1000					1700
TERRAIN	613654.00N/1593718.00W	574 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

APWIS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30											699
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3500
TREE (02-246239)	613652.16N/1593718.67W	609	20	3	1A	1000					1700
TERRAIN	613654.00N/1593718.00W	574 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV

FROM

RW11

TO

APWIS

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 760				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3500
TREE (02-246239)	613652.16N/1593718.67W	609	20	3	1A	1000					1700
TERRAIN	613654.00N/1593718.00W	574 (600)								AS1500	2100

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

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
ANTENNA (02-153168)	613407.15N/1593236.12W	1.30	763	216	20	10	1B	300		SI	860
CATEGORY B											
ANTENNA (02-153168)	613407.15N/1593236.12W	1.81	763	216	20	3	1A	300		SI	860
CATEGORY C											
TREE (02-154859)	613630.65N/1593828.72W	2.84	763	546	20	3	1A	300			860
CATEGORY D											
AAO	613554.00N/1594106.00W	3.72	1103	860	215	8	4B	300		XP40	1200

CIRCLING REMARKS:

XP TO MAINTAIN PUBLISHED MINIMUMS.

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH



ZAN ARTCC, KENAI FSS

<u>WX SERVICE</u> AWOS-3P	<u>LOCATION</u> ANI/PANI	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> ANI/PANI	<u>DISTANCE</u>	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3P	<u>LOCATION</u> KLG/PALG	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KLG/PALG	<u>DISTANCE</u> 22.75	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 60

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
PANI 97, PALG 43
RA = 59.9.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW29 - HIRL (PCL), PAPI-4R (PCL)	NPI-G		
RW11 - MALSF (PCL), HIRL (PCL), PAPI-4R (PCL)	PIR-G		

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 96.7	<u>TCH</u> 34.6	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 34.7
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	400
ON CENTERLINE	X	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -21C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -25C	<u>APT ISA</u> +14.81C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -40C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.
DESCENT RATE (FPM): STANDARD TEMP 956 HIGH TEMP 1261.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV, LNAV/VNAV, LNAV		
34:1			
131 TREE (02-305217) 613510.2600N/1593354.6000W (5.88)	141 TREE (02-304942) 613512.4500N/1593403.0300W (2.23)		
127 TREE (02-305273) 613511.0900N/1593354.6000W (0.6)			

PENETRATIONS REMARKS:

	QUALITY 39 CHECKED
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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.
60 FT VEGETATION HEIGHT USED PER FPT.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

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	4.61
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.84
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	121.05
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	7.83
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	120.89
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	500

THRESHOLD COORDINATES (IF STR-IN)	613506.82N/1593330.80W
ARP COORDINATES	613453.06N/1593243.07W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 11 DISTANCE 0.51 NM
FAF COORDINATES	613739.10N/1594220.61W
FIX NAME COORDINATES	IF/IAF IKUFU 614034.53N/1595235.43W, IAF ZEVED 613252.11N/1600214.78W, IAF NUBDY 614816.25N/1594251.25W

REMARKS

TAA STRAIGHT-IN:
019/30 CW 199/30 TO IKUFU.
TAA LEFTBASE:
199/30 CW 289/30 TO 199/10 CW 289/10
199/10 CW 289/10 TO NUBDY.
TAA RIGHTBASE:
289/30 CW 019/30 TO 289/15 CW 019/15
289/15 CW 019/15 TO ZEVED.
IF/IAF IKUFU: 614034.53N/1595235.43W, IAF ZEVED: 613252.11N/1600214.78W, IAF NUBDY: 614816.25N/1594251.25W
THLD DISPLACED 400FT, ACTUAL COORDINATES: 613508.86N/1593337.87W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ARTHUR ULVESTAD	AJV-A422	04/10/2026	AERONAUTICAL INFORMATION SPECIALIST



AIRPORT ID
ANI/PANI

PROCEDURE NAME
RNAV (GPS) RWY 11

AMDT NO.
3

CITY
ANIAK

STATE
AK

AIRPORT ELEVATION
97

FACILITY
RNAV

