

**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> ANIAK	<u>AIRPORT ID</u> PANI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> ANIAK	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 97	<u>TDZE</u> 97	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 05/26/2016	<u>MAG VAR</u> 12E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> 9/10/2020	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

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>
ANI NDB		APWIS		TF	FO	1.00	107.70	13.11	3500
EBSIH	IAF	APWIS	NOPT	TF	FB	1.00	249.75	10.17	3500
CERGU	IAF	APWIS	NOPT	TF	FB	1.00	346.14	9.57	3500
APWIS	IF/IAF	HAFRU		TF	FB	1.00	289.49	6.23	1700
HAFRU	FAF	RW29	MAP	TF	FO	0.30	289.32	4.87	
RW29	MAP	1500 MSL		CA			289.32		1500
1500 MSL		APWIS		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3500 DIRECT APWIS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD E APWIS, RT, 289.49 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 14000.
3. FAC: 289.32 FAF: HAFRU DIST FAF TO MAP: 4.87 DIST FAF TO THLD: 4.87
4. MIN ALT: APWIS 3500, HAFRU 1700
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.62 GS ANT: MM: IM:
6. MIN GP INCPT: 1700 GP ALT AT FAF : HAFRU 1700 OM:
7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 52.0
8. MSA FROM: RW29 4800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA N OF RWY 11-29.
CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EBSIH ON V508 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANIAK NDB ON R39 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.29 NM TO RW29*
*LNAV ONLY
WAAS CHANNEL #86538
REFERENCE PATH ID: W29A
FAS OBST: 300 AAO 613225N/1592629W.
LTP HAE: 40 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, 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	460	1	363	460	1	363	460	1	363	460	1	363			
LNAV MDA	560	1	463	560	1	463	560	1 3/8	463	560	1 3/8	463			
CIRCLING	560	1	463	620	1	523	860	2 1/4	763	1200	3	1103			



CHANGES - REASONS

1. CHANGED APWIS TO HAFRU COURSE/DISTANCE FROM 289.50/6.13 TO 289.49/6.23 - HAFRU MOVED/FULL AMENDMENT.
2. CHANGED MA CLIMB TO ALTITUDE FROM 1400 TO 1500 - AVOIDS CIH OBSTACLE EVALUATION RAISING HOLDING ALTITUDE.
3. CHANGED CHART NOTE: FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C (0°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C" - IAW 8260.19H 8-6-9S.
4. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND REPLACED WITH PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H, PARA 8-6-8 B(1).
5. CHANGED CHART FAS OBST: FROM "CHART FAS OBST: 299 AAO 613203N/1592500W" TO "FAS OBST: 300 AAO 613225N/1592629W" - RUNWAY RELOCATION/NEW OBS EVAL.
6. CHARTED APT ELEV AND TDZE CHANGED FROM 96 TO 97 - UPDATED AIRPORT DATA/RUNWAY RELOCATION.
7. CHANGED CHART NOTE: FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - IAW 8260.19H 8-6-11 K(3).
8. LTP LAT/LONG CHANGED FROM 613438.4185N/1593141.9660W TO 613439.2900N/1593155.3600W - RUNWAY RELOCATION/NEW AIRNAV DATA.
9. FPAP LAT/LONG CHANGED FROM 613524.4170N/1593421.4505W TO 613525.2823N/1593434.8531W - RUNWAY RELOCATION/ NEW AIRNAV DATA.
10. LENGTH OFFSET CHANGED FROM 0920 TO 0984 - RUNWAY RELOCATION/ NEW AIRNAV DATA.
11. CRC REMAINDER CHANGED FROM A2F46DA8 TO 246FE91C - FPAP AND LTP/FTP LOCATIONS AND LENGTH OFFSET CHANGED.
12. LTP HAE CHANGED FROM 39.7 M TO 40 M - RUNWAY RELOCATION.
13. MSA ALTITUDE CHANGED FROM 4900 TO 4800 - RUNWAY RELOCATION/UPDATED OBSTACLE EVALUATION.
14. CHANGED ALTERNATE MINS FROM "STANDARD - CAT C 800-2 1/4, CAT D 1200-3, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - CAT C 800-2 1/4, CAT D 1200-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE"- UPDATED EVALUATION/VIS CHECK.
15. ADDED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANIAK NDB ON R39 SOUTHWEST BOUND.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBA** ☒ **OTHER:** ZAN, AMGR, STATE OF ALASKA/DOT/PF

FLIGHT CHECKED BY

KENNETH E JACK

*Digitally signed by***WARDELL HENNING**

Apr 14, 2020

OFFICE

FICO

DATE

8/19/2020

DEVELOPED BY

WARDELL HENNING (PATRICK COMBS)

*Digitally signed by***WARDELL HENNING**

Apr 14, 2020

OFFICE

AJV-A432

DATE

12/12/2019

APPROVED BY

GEORGE DAVIS

*Digitally signed by***WARDELL HENNING**

Apr 14, 2020

OFFICE

AJV-A430

DATE**TITLE**

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PANI
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	613439.2900N
LTP/FTP LONGITUDE	1593155.3600W
LTP/FTP ELLIPSOIDAL HEIGHT	+00400
FPAP LATITUDE	613525.2820N
FPAP LONGITUDE	1593434.8530W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
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	246FE91C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00296
FPAP ORTHOMETRIC HEIGHT	+00296



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

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ANIAK	PANI	RNAV (GPS) RWY 29	3	ANIAK	AK	97	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM TO
ANI NDB APWIS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	13.11											
<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>
1.AAO	612842.00N/1591000.00W		345	164	98	4E	2000				AT1155	3500
2.TERRAIN	613639.00N/1593348.00W		597 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM TO
EBSIH APWIS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	10.17											
<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>
3.AAO	613036.00N/1585006.00W		1011	164	98	4E	1000				AT1489	3500
4.TERRAIN	613033.00N/1585124.00W		708 (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
CERGU

TO
APWIS

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	9.57											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	611827.00N/1590718.00W		479	164	98	4E	1000				AT2021	3500
6.TERRAIN	612006.00N/1590724.00W		255 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
APWIS (IF/IAF)

TO
HAFRU

RNP	DISTANCE 6.23	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.AAO	612857.00N/1590800.00W		397	164	98	4E	500				AC98 AT705	1700
8.TERRAIN	612921.00N/1591030.00W		118 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

HAFRU

TO

RW29

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.87		DA		250							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.TREE (02-153161)	613425.40N/1593118.48W		160	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

HAFRU

TO

RW29

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.87		DA		363							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.ANTENNA (02-153168)	613407.15N/1593236.12W		216	20	10	1B	161				AC10 SA-24 MA97	460

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

HAFRU

TO

RW29

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.87		RW29	463								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.AAO	613225.09N/1592628.69W		300	50	20	2C	250					560

COMPUTATIONS

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

HOLD-IN-LIEU OF PT

FROM

APWIS

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
		P-5										
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12.AAO	612512.00N/1585124.00W		876	164	98	4E	1000				AT1624	3500
13.TERRAIN	612512.00N/1585124.00W		675 (700)								AS1500	2200

COMPUTATIONS

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



MISSED APPROACH : LPV

FROM

DA

TO

APWIS

RNP	DISTANCE	PAT	MAP	HAT			HMAS 159					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3500
15.TREE	613655.36N/1592757.68W		1018	250	50	4D	1000					2100
16.TERRAIN	613703.00N/1592754.00W		948 (900)								AS1500	2400

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> 299					
<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>
14.TREE (02-240376)	613725.88N/1593604.27W		820	20	10	1B		ASC			SA-11	3500
15.TREE	613655.36N/1592757.68W		1018	250	50	4D	1000					2100
16.TERRAIN	613703.00N/1592754.00W		948 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM
RW29

TO
APWIS

RNP	DISTANCE	PAT	MAP	HAT			HMAS 460					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
												3500
15.TREE	613655.36N/1592757.68W		1018	250	50	4D	1000					2100
16.TERRAIN	613703.00N/1592754.00W		948 (900)								AS1500	2400

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											
17.ANTENNA (02-153168)	613407.15N/1593236.12W	1.30	463	216	20	10	1B	300		SI	560
CATEGORY B											
18.TREE	613608.23N/1593635.13W	1.81	523	309	250	50	4D	300			620
CATEGORY C											
18.TREE (02-154859)	613630.65N/1593828.72W	2.84	763	546	20	3	1A	300			860
CATEGORY D											
19.VERTICAL_STRUCTURE (02-176602)	613552.00N/1594103.00W	3.72	1103	899	50	20	2C	300			1200

CIRCLING REMARKS:



MSA

CENTER
RW29

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	611012.00N/1594600.00W	184	25.4	3767	164	98	4E	1000			4800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZAN ARTCC, KENAI FSS

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> PANI	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PANI	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS	<u>LOCATION</u> PALG	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PALG	<u>DISTANCE</u> 22.751	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 60

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
PANI 97, PALG 63
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)		NPI-G	
RW11 - MALSF (PCL), HIRL (PCL)		PIR-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 97	<u>TCH</u> 52.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -18C	<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 1262.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LPV, LNAV/VNAV, LNAV	
34:1		
131 TREE (02-157520) 613433.36N/1593140.30W (12.36)		127 POLE (02-153435) 613433.43N/1593142.44W (11.08)
128 POLE (02-157745) 613433.10N/1593141.68W (10.64)		120 TREE (02-153638) 613433.59N/1593144.29W (6.58)
121 POLE (02-020945) 613433.76N/1593142.70W (5.9)		116 TREE (02-156309) 613434.68N/1593144.34W (4.33)
112 POLE (02-020944) 613435.15N/1593146.09W (3.18)		160 TREE (02-153161) 613425.40N/1593118.48W (2.47)
107 TRAVERSE_WAY (02-156988) 613435.32N/1593148.97W (1.96)		122 TREE (02-157066) 613431.45N/1593140.84W (1.07)
119 POLE (02-156744) 613433.10N/1593140.86W (0.64)		100 TREE (02-156882) 613436.34N/1593152.27W (0.55)
107 TRAVERSE_WAY (02-157490) 613435.42N/1593147.41W (0.21)		

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

60 VEGETATION HEIGHT USED PER FPT.

FEEDER IN LIEU OF TAA PER ATC REQUEST.

FPT REQUESTED VGS AND 20:1 PENETRATIONS TO ALL RWYS BE IGNORED. ALL PENETRATIONS NO LONGER EXIST OR WILL BE REMOVED PRIOR TO PUBLICATION DATE (9/10/20) AS COORDINATED WITH ALASKAN DOT.

CONTINGENCY NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KALSKAG ALTIMETER SETTING AND INCREASE ALL DAS AND MDAS 60 FEET AND INCREASE LNAV/VNAV ALL CATS 1/4 SM AND LNAV CAT C AND D VISIBILITY 1/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM. BARO-VNAV AND VDP NA WHEN USING KALSKAG ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT</u> ANIAK	<u>AIRPORT ID</u> PANI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>AMDT NO.</u> 3	<u>CITY</u> ANIAK	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 97	<u>FACILITY</u> RNAV
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	2.99				
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20				
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	301.32				
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100				
DISTANCE FROM	THLD	TO 1500FT POINT	4.67				
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95				
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	301.32				
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100				
THRESHOLD COORDINATES (IF STR-IN)	613439.29N/1593155.36W						
ARP COORDINATES	613453.06N/1593243.08W						
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 11 DISTANCE 0.51 NM						
FAF COORDINATES	613208.08N/1592313.17W						
FIX NAME COORDINATES							
REMARKS							
THLD DISPLACED 400FT, ACTUAL COORDINATES: 613437.25N/1593148.30W.							

QUALITY

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CHECKED

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PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
WARDELL HENNING (PATRICK COMBS)	AJV-A432	12/12/2019	AERONAUTICAL INFORMATION SPECIALIST

