

**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 OTZ/PAOT	PROCEDURE NAME RNAV (GPS) RWY 27	ORIGINAL/AMENDMENT 1	CITY KOTZEBUE	STATE AK
AIRPORT ELEVATION 15	TDZE 15	SUPERSEDED RNAV (GPS) RWY 27	DATED 01/03/2019	MAG VAR 9E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2025
				CANCEL/SUSPEND

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 183/30 CW 003/30	NOPT	183/9 CW 003/9		4900
2. 183/9 CW 003/9		NEMDE	IF/IAF	2500
3. 003/30 CW 093/30		LIYRE	IAF	2600
4. 093/30 CW 183/30		093/10 CW 183/10		5400
5. 093/10 CW 183/10		ZIPYU	IAF	4500

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>
LIYRE	IAF	NEMDE	NOPT	TF	FB	1.00	003.20	8.00	2500
ZIPYU	IAF	NEMDE	NOPT	TF	FB	1.00	183.33	8.00	2500
NEMDE	IF/IAF	ACUDU		TF	FB	1.00	273.27	7.32	1600
ACUDU	FAF	JUTIX/2.11 NM TO RW27		TF	FB	0.30	272.98	2.28	800
JUTIX/2.11 NM TO RW27		RW27	MAP	TF	FO	0.30	272.98	2.11	
RW27	MAP	415 MSL		CA			272.98		
415 MSL		NEMDE		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 2000 DIRECT NEMDE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD E NEMDE, RT, 271.26 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 14000.					
3.	FAC: 272.98	FAF: ACUDU	DIST FAF TO MAP:	4.39	DIST FAF TO THLD:	4.39
4.	MIN ALT: NEMDE 2000, ACUDU 1600, JUTIX/2.11 NM TO RW27 800					
5.	DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6.	MIN GP INCPT:	GP ALT AT FAF:		OM:	MM:	IM:
7.	GP ANGLE:	34:1: IS NOT CLEAR	20:1: IS NOT CLEAR	TCH:		
8.	MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 18, 36 NA AT NIGHT.
CHART NOTE: STRAIGHT-IN RWY 27 AT NIGHT, CIRCLING RWY 27 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 160 TREE 665324N/1623145W.
ACUDU TO RW27: 3.30/46.1.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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 MDA	420	1	405	420	1	405	420	1 1/8	405	420	1 1/8	405			
CIRCLING	520	1	505	520	1	505	720	2	705	720	2 1/4	705			



CHANGES - REASONS

1. CHANGED AIRPORT MAGVAR FROM 11E/2020 TO 9E/2025 - AIRNAV DATA UPDATE, FPT REQUEST.
2. UPDATED TAA RADIALS AND ALL TERMINAL ROUTES MAGVAR COURSES - AIRPORT MAGVAR CHANGED.
3. TAA: 181/30 CW 001/30 TO 181/9 CW 001/9; CHANGE ALTITUDE FROM "4500" TO "4900". – NEW CONTROLLING OBSTACLE.
4. TAA: 181/9 CW 001/9 TO NEMDE; CHANGE ALTITUDE FROM "2000" TO "2500". – NEW CONTROLLING OBSTACLE.
5. TAA: 001/30 CW 091/30 TO LIYRE; CHANGE ALTITUDE FROM "2100" TO "2600". – NEW CONTROLLING OBSTACLE.
6. TAA: 091/30 CW 181/30 TO 091/10 CW 181/10; CHANGE ALTITUDE FROM "5000" TO "5400". – NEW CONTROLLING OBSTACLE.
7. TAA: 091/10 CW TO 181/10 TO ZIYU; CHANGE ALTITUDE FROM "4100" TO "4500". – NEW CONTROLLING OBSTACLE.
8. TERMINAL ROUTES: LIYRE TO NEMDE; CHANGE ALTITUDE FROM "2000" TO "2500". – NEW CONTROLLING OBSTACLE.
9. TERMINAL ROUTES: ZIYU TO NEMDE; CHANGE ALTITUDE FORM "2000" TO "2500". – RAISED TO MATCH TAA ALTITUDE.
10. TERMINAL ROUTES: NEMDE TO ACUDU; CHANGE COURSE FROM "271.26" TO "271.27". – FAF MOVED FROM "665215.58N/1622311.06W" TO "665215.56N/1622310.64W".
11. TERMINAL ROUTES: ACUDU TO JUTIX/2.11NM TO RW27; CHANGE COURSE FROM "270.99" TO "270.98". – FAF MOVED FROM "665215.58N/1622311.06W" TO "665215.56N/1622310.64W".
12. TERMINAL ROUTES: JUTIX/2.11NM TO RW27; CHANGE COURSE FROM "270.99" TO "270.98". – FAF MOVED FROM "665215.58N/1622311.06W" TO "665215.56N/1622310.64W".
13. TERMINAL ROUTES: RW27 TO 415 MSL; CHANGE COURSE FROM "270.99" TO "270.98". – FAF MOVED FROM "665215.58N/1622311.06W" TO "665215.56N/1622310.64W".
14. PROFILE LINE 3: FAC; CHANGE FROM "270.99" TO "270.98" FAF MOVED FROM "665215.58N/1622311.06W" TO "665215.56N/1622310.64W".
15. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST: FROM "152 NAVAID (02-116139) 665308N/1623224W." TO "160 TREE 665324N/1623145W." – NEW EVALUATION.
16. ALTERNATE: ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE." – IAW 8260.19I, 8-6-11 B. (4)
17. ADDITIONAL FLIGHT DATA: CHANGED TCH FROM "ACUDU TO RW27: 3.30/46.9" TO "ACUDU TO RW27: 3.30/46.1" - NEW AIRPORT/VGSI DATA.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZAN, AMGR, OTZ FSS

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

CHRISTOPHER SCHONES

Digitally signed by

CHRISTOPHER SCHONES

Apr 03, 2024

OFFICE

AJV-A432

DATE

01/24/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Apr 05, 2024

OFFICE

AJV-A432

DATE

07/11/2024

TITLE

MANAGER



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

AIRPORT ID
OTZ/PAOT

PROCEDURE NAME
RNAV (GPS) RWY 27

AMDT NO.
1

CITY
KOTZEBUE

STATE
AK

AIRPORT ELEVATION
15

FACILITY
RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
183/30 CW 003/30

TO
183/9 CW 003/9

RNP

DISTANCE

PAT

MAP

HAT

HMAS

<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	670354.00N/1610630.00W	2871	215	8	4B	2000					4900
TERRAIN	670354.00N/1610630.00W	2670 (2700)								AS1500	4200

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM
183/9 CW 003/9

TO
NEMDE

RNP

DISTANCE

PAT

MAP

HAT

HMAS

<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	664518.00N/1620212.00W	433	215	8	4B	2000					2500
TERRAIN	664515.00N/1620224.00W	232 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:



LEFT BASE AREA

FROM

003/30 CW 093/30

TO

LIYRE

<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	665336.00N/1621827.00W	519	215	8	4B	2000					2600
TERRAIN	665151.00N/1621900.00W	262 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM

093/30 CW 183/30

TO

093/10 CW 183/10

<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	672712.00N/1614351.00W	3334	215	8	4B	2000					5400
TERRAIN	672721.00N/1614418.00W	2887 (2900)								AS1500	4400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM

093/10 CW 183/10

TO

ZIPYU

<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	670951.00N/1615248.00W	2461	215	8	4B	2000					4500
TERRAIN	670824.00N/1615821.00W	1761 (1800)								AS1500	3300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

LIYRE

TO

NEMDE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	8.00										
<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	664518.00N/1620257.00W	427	215	8	4B	1000				AT1073	2500
TERRAIN	664518.00N/1620257.00W	226 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

ZIPYU

TO

NEMDE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	8.00				

<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>
SHIP	665434.61N/1620343.04W	208	250	3	4A	1000				AT1292	2500
OVERWATER	665434.61N/1620343.04W	0								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

NEMDE (IF/IAF)

TO

ACUDU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	7.32				

<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	665336.00N/1621827.00W	519	215	8	4B	500				AT581	1600
TERRAIN	665342.00N/1621839.00W	318 (300)								AS1000	1300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

ACUDU

TO

JUTIX/2.11 NM TO RW27

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
0.30	2.28										
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	665309.00N/1622157.00W	345	215	8	4B	250				RA120 DG85	800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

JUTIX/2.11 NM TO RW27

TO

RW27

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
0.30	2.11		RW27	405							
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	665324.00N/1623145.00W	160	215	8	4B	250					420

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

NEMDE

TO

P-4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-4	<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	664912.00N/1620957.00W	420	215	8	4B	1000					1500
TERRAIN	664912.00N/1620957.00W	219 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW27

TO

NEMDE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 320			
<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				2000
AAO	665354.00N/1621857.00W	519	215	8	4B	1000					1600
TERRAIN	665354.00N/1621857.00W	318 (300)								AS1500	1800

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											
TOWER (02-000668)	665129.80N/1623650.84W	1.30	505	218	20	3	1A	300			520
CATEGORY B											
TOWER (02-000668)	665129.80N/1623650.84W	1.81	505	218	20	3	1A	300			520
CATEGORY C											
TOWER (02-000590)	665019.62N/1623415.05W	2.84	705	410	20	3	1A	300			720
CATEGORY D											
TOWER (02-000590)	665019.62N/1623415.05W	3.70	705	410	20	3	1A	300			720

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

15 FT VEG AND 50 FT BARGES USED PER FPT. FPT ADVISES THAT SHIP HEIGHTS INCREASE TO 208FT BEYOND 5NM FROM SHORELINE. UTILIZED 100FT VEGETATION TO ASSESS VEGETATION FOR MOUNTAINOUS ROC REDUCTION IN TAA AREAS NORTH AND EAST OF BALDWIN PENINSULA. ROC REDUCED IN TAA SECTORS LAW 8260.3B PARAGRAPH 1720. VEGETATION OR WATER DOCUMENTED.

UNABLE TO REDUCE MINIMUMS FURTHER USING WAAS. LP NOT DEVELOPED.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZAN ARTCC, OTZ FSS

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	OTZ/PAOT	0 / yes	OTZ/PAOT	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
AWOS-3P	WTK/PAWN	24 / yes	WTK/PAWN	41.57	Y	108

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
PAOT 15, PAWN 92
RA = 107.3.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
			3

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW36 - MIRL (PCL)		
RW18 - MIRL (PCL)		
RW27 - REIL (PCL), HIRL (PCL), PAPI-4L	NPI-F	ROLL OUT
RW09 - HIRL (PCL), REIL (PCL), PAPI-4R	PIR-F	APPROACH

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
					3.30	46.1

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 18
20:1	
26 TRAVERSE WAY (02-272228) 665309.59N/1623629.94W (7.24)	21 TRAVERSE WAY (02-259137) 665308.52N/1623628.53W (6.85)
20 TRAVERSE WAY (02-122858) 665309.35N/1623626.46W (0.76)	
FINAL TYPE	CIRCLING RWY 36



<u>AIRPORT ID</u> OTZ/PAOT		<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>AMDT NO.</u> 1	<u>CITY</u> KOTZEBUE	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 15	<u>FACILITY</u> RNAV
20:1							
25 TRAVERSE WAY (02-111378) 665227.36N/1623702.58W (11.56)				25 TRAVERSE WAY (02-095332) 665226.93N/1623702.87W (9.30)			
20 TRAVERSE WAY (02-071540) 665226.87N/1623653.39W (8.56)				15 TERRAIN (02-115835) 665227.76N/1623702.35W (3.65)			
FINAL TYPE	CIRCLING RWY 9						
20:1							
25 TRAVERSE WAY (02-176598) 665324.11N/1623637.78W (1.62)				25 TRAVERSE WAY (02-176603) 665324.33N/1623637.81W (1.33)			
25 TRAVERSE WAY (02-176606) 665324.53N/1623637.88W (0.98)				25 TRAVERSE WAY (02-263568) 665321.65N/1623639.89W (0.04)			
FINAL TYPE	LNAV						
20:1							
61 TRAVERSE WAY (02-083356) 665310.6900N/1623343.7700W (16.82)				60 TRAVERSE WAY (02-101218) 665310.0900N/1623344.5600W (16.74)			
50 TRAVERSE WAY (02-272153) 665306.6300N/1623351.1700W (16.06)				61 TRAVERSE WAY (02-113048) 665305.5400N/1623345.8800W (15.58)			
62 TRAVERSE WAY (02-101219) 665305.3800N/1623344.8000W (14.31)				84 TRAVERSE WAY (02-071426) 665304.0900N/1623333.8900W (13.64)			
49 TRAVERSE WAY (02-113164) 665308.7500N/1623349.2900W (13.59)				43 TRAVERSE WAY (02-072005) 665307.3400N/1623352.0000W (11.42)			
53 TERRAIN (02-090659) 665309.6100N/1623343.7200W (7.6)				50 TERRAIN (02-071448) 665310.1400N/1623344.8300W (7.32)			
52 TERRAIN (02-098938) 665308.0600N/1623344.5900W (6.69)				48 TERRAIN (02-262077) 665309.7200N/1623345.7000W (6.58)			
89 TERRAIN (02-071434) 665309.6600N/1623324.3900W (5.87)				35 TRAVERSE_WAY (02-072003) 665307.2900N/1623353.2200W (5.75)			
55 TERRAIN (02-262081) 665308.6600N/1623342.2400W (5.72)				51 TERRAIN (02-263144) 665305.4500N/1623345.9800W (5.69)			
81 TERRAIN (02-118569) 665309.7700N/1623328.3000W (5.63)				61 TERRAIN (02-071452) 665308.5100N/1623339.1900W (5.6)			
71 TERRAIN (02-262073) 665309.8300N/1623333.3600W (5.58)				41 TERRAIN (02-072007) 665306.9900N/1623350.2200W (5.58)			
61 TERRAIN (02-111602) 665310.3800N/1623338.1800W (5.57)				70 TERRAIN (02-079831) 665309.1900N/1623334.2000W (5.55)			
40 TERRAIN (02-072006) 665306.5800N/1623350.8900W (5.46)				47 TERRAIN (02-263143) 665305.7900N/1623347.6600W (5.32)			
53 TERRAIN (02-176600) 665310.2000N/1623342.0600W (4.97)				36 TERRAIN (02-072004) 665306.5600N/1623352.6900W (4.96)			
37 TERRAIN (02-116281) 665306.6900N/1623352.0700W (4.88)				55 TERRAIN (02-176601) 665307.6100N/1623342.2900W (4.72)			
90 TERRAIN (02-071831) 665302.8400N/1623326.8900W (4.65)				36 TRAVERSE_WAY (02-106046) 665307.5600N/1623352.0000W (4.65)			
70 TERRAIN (02-071424) 665306.0400N/1623335.3800W (4.58)				60 TERRAIN (02-105918) 665307.4000N/1623339.7700W (4.58)			
52 TERRAIN (02-176579) 665306.4300N/1623344.0800W (3.99)				37 TRAVERSE_WAY (02-262643) 665308.7600N/1623350.4300W (3.83)			
49 TERRAIN (02-262648) 665307.6700N/1623344.8500W (3.79)				48 TERRAIN (02-176625) 665305.6200N/1623346.3600W (3.61)			
39 TERRAIN (02-116282) 665308.7900N/1623349.2600W (3.57)				87 TERRAIN (02-071435) 665310.3900N/1623323.5100W (2.91)			
90 TERRAIN (02-093696) 665310.0400N/1623322.0500W (2.69)				98 TERRAIN (02-118509) 665302.6300N/1623321.8800W (2.64)			
90 TERRAIN (02-071835) 665310.2400N/1623321.8500W (2.51)				106 TERRAIN (02-071366) 665301.8300N/1623317.3000W (0.86)			
29 TERRAIN (02-119374) 665306.9500N/1623353.7000W (0.34)							
FINAL TYPE	LNAV						
34:1							
114 TERRAIN (02-071377) 665301.3800N/1623311.7900W (39.2)				111 TERRAIN (02-071374) 665301.4200N/1623312.2900W (36.8)			
152 BUILDING (02-280741) 665308.4600N/1623223.7700W (26.33)				87 TERRAIN (02-095501) 665307.9700N/1623319.2500W (24.81)			

<u>AIRPORT ID</u> OTZ/PAOT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>AMDT NO.</u> 1	<u>CITY</u> KOTZEBUE	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 15	<u>FACILITY</u> RNAV
75 TERRAIN (02-071429) 665306.8500N/1623329.8400W (24.3)	75 TERRAIN (02-122459) 665307.2000N/1623329.6500W (24.3)					
104 TERRAIN (02-071304) 665301.3000N/1623307.1800W (23.85)	100 TERRAIN (02-262646) 665303.1600N/1623309.0200W (23.1)					
79 TERRAIN (02-071832) 665305.4900N/1623325.4500W (22.42)	90 TERRAIN (02-262079) 665305.2900N/1623315.3300W (21.66)					
78 TERRAIN (02-071833) 665306.4700N/1623324.9200W (21.41)	147 NAVAID (02-000435) 665308.4600N/1623223.7900W (21.35)					
87 TERRAIN (02-113438) 665307.7600N/1623315.9400W (20.88)	101 TERRAIN (02-095219) 665300.9800N/1623307.3700W (20.87)					
83 TERRAIN (02-093697) 665305.1900N/1623320.7400W (20.82)	95 TERRAIN (02-086020) 665306.4100N/1623309.6400W (20.81)					
92 TERRAIN (02-071372) 665304.5100N/1623312.8600W (20.35)	100 TERRAIN (02-079471) 665304.9500N/1623305.3100W (19.93)					
88 TERRAIN (02-071367) 665305.7600N/1623315.0900W (19.68)	101 TERRAIN (02-105404) 665304.2600N/1623304.2400W (19.28)					
90 TERRAIN (02-071373) 665307.2100N/1623309.5100W (16.15)	93 TERRAIN (02-093594) 665306.8800N/1623305.4000W (14.22)					
37 TERRAIN (02-176623) 665310.4200N/1623344.7800W (5.67)	31 TERRAIN (02-122665) 665308.9300N/1623349.7400W (4.46)					
120 TERRAIN (02-091406) 665306.5100N/1623232.8200W (3.54)	84 TERRAIN (02-120091) 665306.7200N/1623303.5400W (2.98)					
124 TERRAIN (02-123243) 665308.6800N/1623227.4800W (2.73)	34 TERRAIN (02-176624) 665309.8300N/1623344.9800W (2.54)					
117 TERRAIN (02-091405) 665308.2100N/1623232.8200W (1.58)	25 TERRAIN (02-101888) 665307.3400N/1623352.7000W (0.89)					
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - 20:1 PENETRATIONS.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



TITLE
AERONAUTICAL INFORMATION SPECIALIST

