

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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 ID</u> OTZ/PAOT	<u>PROCEDURE NAME</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> KOTZEBUE	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 15	<u>TDZE</u> 13	<u>SUPERSEDED</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 9E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> I-OTZ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
FIWWI/OTZ 25.00 DME		HUPUG/OTZ 12.00 DME					124.90 (OTZ R-305)	13.00	3900
OTZ VOR/DME		TUBDE/I-OTZ 11.31 DME					270.69	12.00	2500
HUPUG/OTZ 12.00 DME CCW	IAF	TUBDE/I-OTZ 11.31 DME	NOPT				12.00 DME ARC (OTZ LR-281)		1600
NECSI/OTZ 12.00 DME CW	IAF	TUBDE/I-OTZ 11.31 DME	NOPT				12.00 DME ARC (OTZ LR-261)		1600
TUBDE/I-OTZ 11.31 DME	IF/IAF	KAYEC/I-OTZ 5.16 DME					090.69 (I-OTZ)	6.14	1400

MISSED APPROACH

MAP:

ILS: DA
LOC: MARKX/I-OTZ 1.37 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 2000 DIRECT OTZ VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT**
- SIDE OF COURSE**
- OUTBOUND**
- FT WITHIN**
- MILES OF** (IAF)
- HOLD W** TUBDE/I-OTZ 11.31 DME, RT, 090.69 INBOUND, 1600 FT. IN LIEU OF PT (IAF), MAX 4500.
- FAC:** 090.88 **FAF:** KAYEC/I-OTZ 5.16 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:**
- MIN ALT:** TUBDE/I-OTZ 11.31 DME 1600, KAYEC/I-OTZ 5.16 DME 1400
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 790
- MIN GS INCPT:** 1400 **GS ALT AT PFAF:** KAYEC/I-OTZ 5.16 DME 1400 **OM:** **MM:** **IM:**
- GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 38.0
- MSA FROM:** OTZ VOR/DME 002-092 3700, 092-272 1600, 272-002 3300

QUALITY
10
CHECKED

PBN REQUIREMENTS NOTE:

DME REQUIRED

NOTES:

CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW RVR 5000 NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 18, 36 NA AT NIGHT.
CHART NOTE: WHEN CIRCLING TO RWY 27 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.
CHART PROFILE NOTE: USE I-OTZ DME WHEN ON THE LOCALIZER COURSE.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 294.60 INBOUND.
CHART FAS OBST: 51 LIGHTING (02-176587) 665327N/1623630W.
CHART OTZ R-305 AT HUPUG.
CHART OTZ R-197 AT NECSI.
FAC CROSSES RWY C/L EXTENDED 2688 FT FROM THLD.
CHART PLANVIEW NOTE: LOC OFFSET 1.90 DEGREES.
CHART CIRCLING ICON.
FICTITIOUS THRESHOLD POINT (CFCJG) DO NOT CHART.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: 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
S-ILS 09	263	5000	250	263	5000	250	263	5000	250	263	5000	250			
S-LOC 09	320	5500	307	320	5500	307	320	5500	307	320	5500	307			
CIRCLING	520	1	505	520	1	505	720	2	705	720	2 1/4	705			

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED SEGMENTS HHM NDB - TUBDE/I-OTZ 11.31 DME, OMPAE/OTZ 12.00 DME CCW - HUPUG/OTZ 12.00 - PER FPT, HHM NDB DECOMMISSIONED.
2. TERMINAL ROUTES: SEGMENT FIWWI - HUPUG UPDATED COURSE FROM 118.90 TO 124.90 AND DISTANCE RADIAL FROM R-299 TO R-305 - AIRNAV DATA UPDATED OTZ VOR/DME MAGVAR FROM 11E/2020 TO 9E/2025.
3. TERMINAL ROUTES: SEGMENT OTZ VOR/DME - TUBDE UPDATED COURSE FROM 264.69 TO 270.69 - AIRNAV DATA MAGVAR CHANGED FOR OTZ VOR/DME FROM 15E/2010 TO 9E/2025.
4. TERMINAL ROUTES: SEGMENT HUPUG - TUBDE UPDATED COURSE OTZ LR FROM 275 TO 281 - AIRNAV DATA MAGVAR CHANGED FOR OTZ VOR/DME FROM 15E/2010 TO 9E/2025.
5. TERMINAL ROUTES: SEGMENT NESCI - TUBDE UPDATED COURSE OTZ LR FROM 255 TO 261 - AIRNAV DATA MAGVAR CHANGED FOR OTZ VOR/DME FROM 15E/2010 TO 9E/2025.
6. TERMINAL ROUTES: SEGMENT TUBDE/I-OTZ - KAYEC/I-OTZ UPDATED COURSE FROM 088.88 TO 090.69 - AIRNAV DATA UPDATED I-OTZ LOC MAGVAR FROM 11E/2020 TO 9E/2025.
7. MISSED APPROACH: REMOVED ALTERNATE MISSED APPROACH 'CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 2500 DIRECT HHM NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2500' - PER FPT, HHM NDB DECOMMISSIONED.
8. PROFILE LINE 2: UPDATED HOLD W TUBDE/I-LOC INBOUND FROM 088.88 TO 090.88 - AIRNAV DATA UPDATED I-OTZ LOC MAGVAR FROM 11E/2020 TO 9E/2025.
9. PROFILE LINE 3: UPDATED FAC FROM 088.88 TO 090.88 - AIRNAV DATA UPDATED I-OTZ LOC MAGVAR FROM 11E/2020 TO 9E/2025.
10. PROFILE LINE 8: UPDATED MSA OTZ VOR/DME FROM 'OTZ VOR/DME 360-090 3600, 090-270 1600, 270-360 3200' TO '002-092 3700, 092-272 1600, 272-002 3300' - NEW CONTROLLING OBSTACLES.
11. NOTES: UPDATED CHART NOTE FROM 'RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED' TO 'RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW RVR 5000 NOT AUTHORIZED' - IAW 8260.3E 3-3-2.
12. ADDITIONAL FLIGHT DATA: REMOVED NOTES 'CHART OTZ-R330 AT OMPAE, 'CHART IN PLAINVIEW: HHM NDB' - PER FPT, HHM NDB DECOMMISSIONED.
13. ADDITIONAL FLIGHT DATA: DELETED '*LNAV ONLY' AND ASTERISK FROM VDP DISTANCE TO RWY 09 CHART NOTE – NO LONGER REQUIRED IAW 8260.19I PARA 8-6-10.M.
14. ADDITIONAL FLIGHT DATA: REMOVED 'CHART VDP AT 1.77 DME*' - 20:1 PENETRATIONS, LOCATED WITHIN 0.5 NM FROM FINAL FIX.
15. MINIMUMS: UPDATED ALTERNATE MINIMUMS FROM 'LOC: STANDARD - CAT D 800-2 1/4' TO 'LOC: STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE' - IAW 8260.19J 8-6-12.B(4).



COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZAN, OTZ FSS, AMGR

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY
RAFAEL A MARTINEZ

Digitally signed by
RAFAEL A MARTINEZ
Jul 15, 2024

OFFICE

DATE

AJV-A433

02/14/2024

APPROVED BY
BEV L BORDY

OFFICE

DATE

AJV-A430

TITLE

MANAGER



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

AIRPORT ID
OTZ/PAOT

PROCEDURE NAME
ILS OR LOC RWY 9

AMDT NO.
2

CITY
KOTZEBUE

STATE
AK

AIRPORT ELEVATION
15

FACILITY
I-OTZ

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
FIWWI/OTZ 25.00 DME

TO
HUPUG/OTZ 12.00 DME

RNP

DISTANCE
13.00

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	670957.00N/1630300.00W	2023	215	8	4B	2000				MT-123	3900
TERRAIN	670957.00N/1630300.00W	2007 (2000)								AS1500	3500

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM
OTZ VOR/DME

TO
TUBDE/I-OTZ 11.31 DME

RNP

DISTANCE
12.00

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>
TOWER (02-000590)	665019.62N/1623415.05W	410	20	3	1A	2000					2500
TERRAIN	665036.00N/1623533.00W	154 (200)								AS1500	1700

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
10
CHECKED

INITIAL: ARC

FROM

HUPUG/OTZ 12.00 DME CCW

TO

TUBDE/I-OTZ 11.31 DME

<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	670354.00N/1625700.00W	361	215	8	4B	1000					1400
TERRAIN	670306.00N/1625912.00W	91 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL: ARC

FROM

NECSI/OTZ 12.00 DME CW

TO

TUBDE/I-OTZ 11.31 DME

<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>
TRAVERSE_WAY (02-031276)	664723.69N/1630901.00W	208	50	20	2C	1000				AT392	1600
WATER	664739.88N/1625924.20W	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

TUBDE/I-OTZ 11.31 DME (IF/IAF)

TO

KAYEC/I-OTZ 5.16 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
	6.14										
<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>
TRAVERSE_WAY (02-083739)	665422.81N/1625308.46W	208	50	20	2C	500				AT692	1400
WATER	665436.09N/1625444.80W	0								AS1000	1000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: ILS

FROM

KAYEC/I-OTZ 5.16 DME

TO

RW09

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	3.78		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>
TRAVERSE_WAY (02-176598)	665324.11N/1623637.78W	25	20	3	1A		34.00:1				263

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LOC

FROM

KAYEC/I-OTZ 5.16 DME

TO

MARKX/I-OTZ 1.37 DME

RNP	DISTANCE	PAT	MAP		HAT	HMAS					
	3.78		MARKX/I-OTZ 1.37 DME		307						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
LIGHTING (02-176587)	665326.91N/1623630.17W	51	20	3	1A	250					320

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

TUBDE/I-OTZ 11.31 DME

TO

P-4

RNP	DISTANCE	PAT	MAP		HAT	HMAS					
		P-4									
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TRAVERSE_WAY (02-042328)	665543.87N/1630525.60W	208	50	20	2C	1000				AT392	1600
WATER	665506.42N/1630226.25W	0								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: ILS

FROM

DA

TO

OTZ VOR/DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 76			
<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:

MISSED APPROACH: LOC

FROM

MARKX/I-OTZ 1.37 DME

TO

OTZ VOR/DME

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

CENTER	RADIUS
OTZ VOR/DME	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
002-092	AAO	671109.00N/1615251.00W	031	23.8	2615	215	8	4B	1000			3700
092-272	AAO	665354.00N/1621857.00W	073	05.4	518	215	8	4B	1000			1600
272-002	AAO	670957.00N/1630300.00W	316	20.7	2208	215	8	4B	1000			3300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

OTZ CTAF, OTZ FSS

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

WX REMARKS:

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

PRIMARY NAVAID I-OTZ	MONITOR POINT POCC	HRS OPERATION 24	CAT 1
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW36 - MIRL (PCL)		
RW18 - MIRL (PCL)		
RW27 - HIRL (PCL), REIL (PCL), PAPI-4L	NPI-F	ROLL OUT
RW09 - HIRL (PCL), REIL (PCL), PAPI-4R	PIR-F	APPROACH

GLIDESLOPE ANGLE 3.00	ELEV RWY THRESHOLD 13.1	TCH 38.0	ELEV GS ANTENNA 9.4	DISTANCE FROM RWY 790	VGSI ANGLE 3.00	TCH 43.2
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD ON CENTERLINE	☐ ☒	2688FT FROM THRESHOLD FT FROM CENTERLINE	DISPLACED THRESHOLD DISTANCE 400
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CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE CIRCLING RWY 09		QUALITY 10 CHECKED
20:1		
25 TRAVERSE_WAY (02-176598) 665324.110N/1623637.780W (1.62)	25 TRAVERSE_WAY (02-176603) 665324.330N/1623637.810W (1.33)	
25 TRAVERSE_WAY (02-176606) 665324.530N/1623637.880W (0.99)	25 TRAVERSE_WAY (02-263568) 665321.650N/1623639.890W (0.04)	
FINAL TYPE CIRCLING RWY 18		

AIRPORT ID OTZ/PAOT		PROCEDURE NAME ILS OR LOC RWY 9	AMDT NO. 2	CITY KOTZEBUE	STATE AK	AIRPORT ELEVATION 15	FACILITY I-OTZ
20:1							
26 TRAVERSE_WAY (02-272228) 665309.590N/1623629.940W (7.25)				21 TRAVERSE_WAY (02-259137) 665308.520N/1623628.530W (6.85)			
20 TRAVERSE_WAY (02-122858) 665309.350N/1623626.460W (0.76)							
FINAL TYPE	CIRCLING RWY 27						
20:1							
61 TRAVERSE_WAY (02-083356) 665310.690N/1623343.770W (16.82)				60 TRAVERSE_WAY (02-101218) 665310.090N/1623344.560W (16.74)			
50 TRAVERSE_WAY (02-272153) 665306.630N/1623351.170W (16.06)				61 TRAVERSE_WAY (02-113048) 665305.540N/1623345.880W (15.58)			
62 TRAVERSE_WAY (02-101219) 665305.380N/1623344.800W (14.31)				84 TRAVERSE_WAY (02-071426) 665304.090N/1623333.890W (13.64)			
49 TRAVERSE_WAY (02-113164) 665308.750N/1623349.290W (13.59)				43 TRAVERSE_WAY (02-072005) 665307.340N/1623352.000W (11.42)			
53 TERRAIN (02-090659) 665309.610N/1623343.720W (7.6)				50 TERRAIN (02-071448) 665310.140N/1623344.830W (7.32)			
52 TERRAIN (02-098938) 665308.060N/1623344.590W (6.69)				48 TERRAIN (02-262077) 665309.720N/1623345.700W (6.58)			
89 TERRAIN (02-071434) 665309.660N/1623324.390W (5.87)				35 TRAVERSE_WAY (02-072003) 665307.290N/1623353.220W (5.75)			
55 TERRAIN (02-262081) 665308.660N/1623342.240W (5.72)				51 TERRAIN (02-263144) 665305.450N/1623345.980W (5.69)			
81 TERRAIN (02-118569) 665309.770N/1623328.300W (5.63)				61 TERRAIN (02-071452) 665308.510N/1623339.190W (5.6)			
71 TERRAIN (02-262073) 665309.830N/1623333.360W (5.58)				41 TERRAIN (02-072007) 665306.990N/1623350.220W (5.58)			
61 TERRAIN (02-111602) 665310.380N/1623338.180W (5.57)				70 TERRAIN (02-079831) 665309.190N/1623334.200W (5.55)			
40 TERRAIN (02-072006) 665306.580N/1623350.890W (5.46)				47 TERRAIN (02-263143) 665305.790N/1623347.660W (5.32)			
53 TERRAIN (02-176600) 665310.200N/1623342.060W (4.97)				36 TERRAIN (02-072004) 665306.560N/1623352.690W (4.96)			
37 TERRAIN (02-116281) 665306.690N/1623352.070W (4.88)				55 TERRAIN (02-176601) 665307.610N/1623342.290W (4.72)			
90 TERRAIN (02-071831) 665302.840N/1623326.890W (4.65)				36 TRAVERSE_WAY (02-106046) 665307.560N/1623352.000W (4.65)			
70 TERRAIN (02-071424) 665306.040N/1623335.380W (4.58)				60 TERRAIN (02-105918) 665307.400N/1623339.770W (4.58)			
52 TERRAIN (02-176579) 665306.430N/1623344.080W (3.99)				37 TRAVERSE_WAY (02-262643) 665308.760N/1623350.430W (3.83)			
49 TERRAIN (02-262648) 665307.670N/1623344.850W (3.79)				48 TERRAIN (02-176625) 665305.620N/1623346.360W (3.61)			
39 TERRAIN (02-116282) 665308.790N/1623349.260W (3.57)				87 TERRAIN (02-071435) 665310.390N/1623323.510W (2.91)			
90 TERRAIN (02-093696) 665310.040N/1623322.050W (2.69)				98 TERRAIN (02-118509) 665302.630N/1623321.880W (2.64)			
90 TERRAIN (02-071835) 665310.240N/1623321.850W (2.51)				106 TERRAIN (02-071366) 665301.830N/1623317.300W (0.86)			
29 TERRAIN (02-119374) 665306.950N/1623353.700W (0.34)							
FINAL TYPE	CIRCLING RWY 36						
20:1							
25 TRAVERSE_WAY (02-111378) 665227.360N/1623702.580W (11.56)				25 TRAVERSE_WAY (02-095332) 665226.930N/1623702.870W (9.3)			
20 TRAVERSE_WAY (02-071540) 665226.870N/1623653.390W (8.56)				15 TERRAIN (02-115835) 665227.760N/1623702.350W (3.65)			
FINAL TYPE	ILS AND LOC RWY 9						
20:1							
25 TRAVERSE_WAY (02-176598) 665324.110N/1623637.780W (1.62)				25 TRAVERSE_WAY (02-176603) 665324.330N/1623637.810W (1.33)			
25 TRAVERSE_WAY (02-176606) 665324.530N/1623637.880W (0.99)				25 TRAVERSE_WAY (02-263568) 665321.650N/1623639.890W (0.04)			

QUALITY
10
CHECKED

QUALITY
10
CHECKED

<u>AIRPORT ID</u> OTZ/PAOT	<u>PROCEDURE NAME</u> ILS OR LOC RWY 9	<u>AMDT NO.</u> 2	<u>CITY</u> KOTZEBUE	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 15	<u>FACILITY</u> I-OTZ
FINAL TYPE	ILS AND LOC RWY 9					
34:1						
25 TRAVERSE_WAY (02-176608) 665320.710N/1623640.930W (4.3)						
<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:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP IS NOT PUBLISHABLE - 20:1 PENETRATIONS.

BACKUP ALTIMETER NOTE: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NOATAK ALTIMETER SETTING AND INCREASE S-ILS 09 DA TO 371 FEET AND ALL VISIBILITIES TO RVR 5500 INCREASE ALL MDAS 120 FEET; AND CIRCLING VISIBILITY CAT C/D 1/2 SM.

RWY 9 20:1 PENETRATIONS: ALL VISUAL PENETRATIONS TO FINAL FOR THIS RUNWAY ARE SURVEYED ROAD AND PENETRATE THE 20:1 VISUAL SURFACE BY LESS THAN 2' (ASSUMING THE STANDARD 15' SURVEYOR ADDITIVE FOR VEHICLES). VEHICLE HEIGHT RESTRICTORS HAVE BEEN PUT IN PLACE (13') THAT MITIGATE THE 20:1 PENETRATIONS.

ORDER 8260.3C, PARAGRAPH 10-2-2A; 1.90 DEGREE OFFSET ANGLE USED FOR FINAL APPROACH COURSE BASED ON THE INSTALLED LOCATION OF THE LOCALIZER. 250' HAT FALLS 1369' FROM WHERE THE OFFSET COURSE INTERSECTS THE RUNWAY CENTERLINE.

ORDER 8260.3C, PARAGRAPH 1-2-3B; THE AIRPORT INFRASTRUCTURE REQUIREMENTS OF FAA AC 150/5300-13A, AIRPORT DESIGN, PARAGRAPH 317, TABLE 3-4 PARALLEL TAXIWAY REQUIRED FOR VISIBILITY 3/4 TO LESS THAN 1 SM.

15 FT VEG AND 50 FT BARGES USED PER FPT. FPT ADVISES THAT SHIP HEIGHTS INCREASE TO 208FT BEYOND 5NM FROM SHORELINE.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> OTZ/PAOT	<u>PROCEDURE NAME</u> ILS OR LOC RWY 9	<u>AMDT NO.</u> 2	<u>CITY</u> KOTZEBUE	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 15	<u>FACILITY</u> I-OTZ
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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	2.97
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.86
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	099.88
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	10.18
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	7.78
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	099.88
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)

665321.57N/1623628.75W

ARP COORDINATES

665305.30N/1623553.30W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 36 DISTANCE 0.73 NM

FAF COORDINATES

665405.39N/1624703.67W

FIX NAME COORDINATES

REMARKS

THLD DISPLACED 400FT, ACTUAL COORDINATES: 665322.37N/1623638.56W

PART E: PREPARED BY

<u>NAME</u> RAFAEL A MARTINEZ	<u>OFFICE</u> AJV-A433	<u>DATE</u> 02/14/2024	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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