

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**VOR STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.23**

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> RALPH WIEN MEMORIAL	<u>AIRPORT ID</u> PAOT	<u>PROCEDURE NAME</u> VOR RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> KOTZEBUE	<u>STATE</u> AK	
<u>AIRPORT ELEVATION</u> 15	<u>TDZE</u> 13	<u>SUPERSEDED</u> VOR RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 15E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> 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/25.00 DME		HUPUG/12.00 DME					118.90	13.00 (OTZ R-299)	3900
HHM NDB		KEPTE/4.59 DME	IAF				255.48	3.97	2500
OTZ VOR/DME		KEPTE/4.59 DME	IAF				263.73	4.59	2500
OMPAE/12.00 DME CCW	IAF	HUPUG/12.00 DME	NOPT				12.00 DME ARC		2000
HUPUG/12.00 DME CCW	IAF	VAGUY/12.00 DME	NOPT				12.00 DME ARC (OTZ LR-274)		1600
NECSI/12.00 DME CW	IAF	VAGUY/12.00 DME	NOPT				12.00 DME ARC (OTZ LR-254)		1600
VAGUY/12.00 DME	IF	KEPTE/4.59 DME					083.73	7.41 (OTZ R-264)	1000

**MISSED APPROACH**

**MAP:**

WUXIP/1.62 DME FIX

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2000 DIRECT OTZ VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT L    **SIDE OF COURSE** 263.73    **OUTBOUND** 1500    **FT WITHIN** 10    **MILES OF** KEPTE/OTZ 4.59 DME (IAF)
- 2.
3. **FAC:** 083.73    **FAF:** KEPTE/4.59 DME    **DIST FAF TO MAP:**    **DIST FAF TO THLD:** 2.97
4. **MIN ALT:** KEPTE/4.59 DME 1000
8. **MSA FROM:** OTZ VOR/DME 360-090 3700, 090-270 1600, 270-360 3300



AIRPORT

RALPH WIEN MEMORIAL

AIRPORT ID

PAOT

PROCEDURE NAME

VOR RWY 9

ORIGINAL/AMENDMENT

ORIG-D

CITY

KOTZEBUE

STATE

AK

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED

NOTES:

CHART NOTE: CIRCLING RWY 18, 36 NA AT NIGHT, CIRCLING RWY 27 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.  
CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.  
CHART PLANVIEW NOTE: ARRIVALS ON B2, B3, B27, G18, AND V506 DESCEND TO 4300 IN HHM NDB HOLDING PATTERN PRIOR TO COMMENCING APPROACH .

ADDITIONAL FLIGHT DATA:

CHART ARRIVAL HOLDING AT HHM NDB: HOLD SE, RT, 298.60 INBOUND, 4300  
HOLD SE, RT, 294.60 INBOUND  
CHART VDP AT 2.52 DME  
DISTANCE VDP TO THLD 0.89 NM  
CHART CIRCLING ICON.  
KEPTE TO RW09: 3.00/42.  
CHART OTZ R-330 AT OMPAE.  
CHART OTZ R-299 AT HUPUG.  
CHART OTZ R-191 AT NECSI.  
CHART FAS OBST: 76 TOWER 665311N/1623644W.  
FAC CROSSES RWY C/L EXTENDED 2994 FT FROM THLD.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4

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-09	340	5500	327	340	5500	327	340	5000	327	340	5000	327			
CIRCLING	520	1	505	520	1	505	720	2	705	720	2 1/4	705			

CHANGES - REASONS

1. NOTES: ADDED CHART NOTE RWY 9 HELICOPTER VIS REDUCTION NOTE - 34:1 PENETRATIONS.  
2. REPLACED CHART NOTE DME REQUIRED WITH EQUIPMENT REQUIREMENTS NOTE: DME REQUIRED - CURRENT CRITERIA.

11 /07/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/28/18.  
1. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2000 DIRECT KOTZEBUE VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000 TO CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2000 DIRECT OTZ VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.  
2. CHANGED CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.  
3. CHANGED CHART NOTE: STRAIGHT-IN RWY 9 NA AT NIGHT, CIRCLING RWY 9, 18, 36 NA AT NIGHT, CIRCLING RWY 27 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD TO CHART NOTE: CIRCLING RWY 18, 36 NA AT NIGHT, CIRCLING RWY 27 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

<u>AIRPORT</u> RALPH WIEN MEMORIAL	<u>AIRPORT ID</u> PAOT	<u>PROCEDURE NAME</u> VOR RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> KOTZEBUE	<u>STATE</u> AK
<u>COORDINATED WITH:</u>					
A4A <input checked="" type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> <u>OTHER:</u> AMGR, ZAN, OTZ FSS					
<u>FLIGHT CHECKED BY</u> PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED			<u>OFFICE</u>	<u>DATE</u>	
<u>DEVELOPED BY</u> LONNIE EVERHART (JOSHUA DUGAN)			<i>Digitally signed by</i> <b>DAVID DANNER</b> Nov 23, 2018	<u>OFFICE</u> AJV-5400	<u>DATE</u>
<u>APPROVED BY</u> LONNIE EVERHART	<i>Digitally signed by</i> <b>DAVID DANNER</b> Nov 23, 2018		<u>OFFICE</u> AJV-5400	<u>DATE</u>	<u>TITLE</u> MANAGER



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

<u>AIRPORT</u> RALPH WIEN MEMORIAL	<u>AIRPORT ID</u> PAOT	<u>PROCEDURE NAME</u> VOR RWY 9	<u>AMDT NO.</u> ORIG-D	<u>CITY</u> KOTZEBUE	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 15	<u>FACILITY</u> OTZ
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

<u>FROM</u> FIWWI/25.00 DME	<u>TO</u> HUPUG/12.00 DME
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<u>RNP</u>	<u>DISTANCE</u> 13.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<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.TREE	670958.00N/1630257.00W	2110	250	3	4A	2000				MT-210	3900
2.TERRAIN	670958.00N/1630257.00W	2010 (2000)								AS1500	3500

COMPUTATIONS

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

FEEDER

<u>FROM</u> HHM NDB	<u>TO</u> KEPTE/4.59 DME
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<u>RNP</u>	<u>DISTANCE</u> 3.97	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<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.TOWER (02-000590)	665019.62N/1623415.05W	410	20	3	1A	2000					2500
4.TERRAIN	665039.00N/1623542.00W	188 (200)								AS1500	1700

COMPUTATIONS

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



FEEDER

FROM

OTZ VOR/DME

TO

KEPTE/4.59 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	4.59											
<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.TOWER (02-000590)	665019.62N/1623415.05W		410	20	3	1A	2000					2500
4.TERRAIN	665039.00N/1623542.00W		188 (200)								AS1500	1700

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

INITIAL: ARC

FROM

OMPAE/12.00 DME CCW

TO

HUPUG/12.00 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>
5.AAO	670548.00N/1625312.00W		732	164	98	4E	1000					1800
6.TERRAIN	670548.00N/1625312.00W		532 (500)								AS1500	2000

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



INITIAL: ARC

FROM

HUPUG/12.00 DME CCW

TO

VAGUY/12.00 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>
7.AAO	670345.00N/1625724.00W		394	164	98	4E	1000					1400
8.TERRAIN	670330.00N/1630106.00W		132 (100)								AS1500	1600

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

INITIAL: ARC

FROM

NECSI/12.00 DME CW

TO

VAGUY/12.00 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>
9.SHIP	665400.00N/1630000.00W		208	50	20	2C	1000				AT392	1600
10.OVER WATER	665400.00N/1630000.00W		0 (0)								AS1500	1500

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



INTERMEDIATE

FROM

VAGUY/12.00 DME

TO

KEPTE/4.59 DME

<u>RNP</u>	<u>DISTANCE</u> 7.41	<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>
9.SHIP	665400.00N/1630000.00W		208	50	20	2C	500					800
10.OVER WATER	665400.00N/1630000.00W		0 (0)								AS1000	1000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: PT

FROM

10 NM

TO

KEPTE/4.59 DME

<u>RNP</u>	<u>DISTANCE</u> 10.00	<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>
9.SHIP	665400.00N/1630000.00W		208	50	20	2C	500					800
10.OVER WATER	665400.00N/1630000.00W		0 (0)								AS1000	1000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL

FROM

KEPTE/4.59 DME

TO

WUXIP/1.62 DME FIX

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
	2.69		WUXIP/1.62 DME FIX	327							
<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>
11.TOWER (02-000436)	665311.26N/1623644.24W	76	20	3	1A	250					340

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

PROCEDURE TURN

FROM

KEPTE

TO

10 NM

<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>
3.TOWER (02-000590)	665019.62N/1623415.05W	410	20	3	1A	1000					1500
12.TERRAIN	670003.00N/1625112.00W	14 (0)								AS1500	1500

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

FROM

WUXIP/1.62 DME FIX

TO

OTZ VOR/DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
							90				
<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
13.AAO	665340.29N/1621836.20W	515	250	3	4A	1000					1600
14.TERRAIN	665340.29N/1621836.20W	315 (300)								AS1500	1800

COMPUTATIONS

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

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
15.TOWER (02-000668)	665129.80N/1623650.84W	1.30	505	218	20	3	1A	300			520
CATEGORY B											
15.TOWER (02-000668)	665129.80N/1623650.84W	1.81	505	218	20	3	1A	300			520
CATEGORY C											
3.TOWER (02-000590)	665019.62N/1623415.05W	2.84	705	410	20	3	1A	300			720
CATEGORY D											
3.TOWER (02-000590)	665019.62N/1623415.05W	3.70	705	410	20	3	1A	300			720

CIRCLING REMARKS:





PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
OTZ FSS, ZAN ARTCC

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> PAOT	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PAOT	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS	<u>LOCATION</u> PAWN	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PAWN	<u>DISTANCE</u> 41.57	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 107

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
PAOT 16, PAWN 92  
RA = 106.7.

<u>PRIMARY NAVAID</u> OTZ VOR/DME	<u>MONITOR POINT</u> ANC SOC	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW18 - MIRL (PCL)			
RW36 - MIRL (PCL)			
RW27 - HIRL (PCL), REIL (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> 3.00	<u>TCH</u> 43.2
<u>FINAL APPROACH COURSE AIMING</u>						
RUNWAY THRESHOLD	<input type="checkbox"/>	2994	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	400	
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>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RWY 18	QUALITY 23 CHECKED
20:1		

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
RALPH WIEN MEMORIAL	PAOT	VOR RWY 9	ORIG-D	KOTZEBUE	AK	15	OTZ
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 27						
20:1							
61 TRAVERSE_WAY (02-083356) 665310.69N/1623343.77W (16.82)				60 TRAVERSE_WAY (02-101218) 665310.09N/1623344.56W (16.74)			
50 TRAVERSE_WAY (02-272153) 665306.63N/1623351.17W (16.06)				61 TRAVERSE_WAY (02-113048) 665305.54N/1623345.88W (15.58)			
62 TRAVERSE_WAY (02-101219) 665305.38N/1623344.80W (14.31)				84 TRAVERSE_WAY (02-071426) 665304.09N/1623333.89W (13.64)			
49 TRAVERSE_WAY (02-113164) 665308.75N/1623349.29W (13.59)				43 TRAVERSE_WAY (02-072005) 665307.34N/1623352.00W (11.42)			
53 TERRAIN (02-090659) 665309.61N/1623343.72W (7.60)				50 TERRAIN (02-071448) 665310.14N/1623344.83W (7.32)			
52 TERRAIN (02-098938) 665308.06N/1623344.59W (6.69)				48 TERRAIN (02-262077) 665309.72N/1623345.70W (6.58)			
89 TERRAIN (02-071434) 665309.66N/1623324.39W (5.87)				35 TRAVERSE_WAY (02-072003) 665307.29N/1623353.22W (5.75)			
55 TERRAIN (02-262081) 665308.66N/1623342.24W (5.72)				51 TERRAIN (02-263144) 665305.45N/1623345.98W (5.69)			
81 TERRAIN (02-118569) 665309.77N/1623328.30W (5.63)				61 TERRAIN (02-071452) 665308.51N/1623339.19W (5.60)			
71 TERRAIN (02-262073) 665309.83N/1623333.36W (5.58)				41 TERRAIN (02-072007) 665306.99N/1623350.22W (5.58)			
61 TERRAIN (02-111602) 665310.38N/1623338.18W (5.57)				70 TERRAIN (02-079831) 665309.19N/1623334.20W (5.55)			
40 TERRAIN (02-072006) 665306.58N/1623350.89W (5.46)				47 TERRAIN (02-263143) 665305.79N/1623347.66W (5.32)			
53 TERRAIN (02-176600) 665310.20N/1623342.06W (4.97)				36 TERRAIN (02-072004) 665306.56N/1623352.69W (4.96)			
37 TERRAIN (02-116281) 665306.69N/1623352.07W (4.88)				55 TERRAIN (02-176601) 665307.61N/1623342.29W (4.72)			
90 TERRAIN (02-071831) 665302.84N/1623326.89W (4.65)				36 TRAVERSE_WAY (02-106046) 665307.56N/1623352.00W (4.65)			
70 TERRAIN (02-071424) 665306.04N/1623335.38W (4.58)				60 TERRAIN (02-105918) 665307.40N/1623339.77W (4.58)			
52 TERRAIN (02-176579) 665306.43N/1623344.08W (3.99)				37 TRAVERSE_WAY (02-262643) 665308.76N/1623350.43W (3.83)			
49 TERRAIN (02-262648) 665307.67N/1623344.85W (3.79)				48 TERRAIN (02-176625) 665305.62N/1623346.36W (3.61)			
39 TERRAIN (02-116282) 665308.79N/1623349.26W (3.57)				87 TERRAIN (02-071435) 665310.39N/1623323.51W (2.91)			
90 TERRAIN (02-093696) 665310.04N/1623322.05W (2.69)				98 TERRAIN (02-118509) 665302.63N/1623321.88W (2.64)			
90 TERRAIN (02-071835) 665310.24N/1623321.85W (2.51)				106 TERRAIN (02-071366) 665301.83N/1623317.30W (0.86)			
29 TERRAIN (02-119374) 665306.95N/1623353.70W (0.34)							
Final Type	CIRCLING RWY 36						
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)			

QUALITY

23

CHECKED



Final Type	VOR
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	VOR
34:1	
25 TRAVERSE_WAY (02-176608) 665320.71N/1623640.93W (4.30)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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

PART C: GENERAL REMARKS:

THRESHOLD DISPLACED 400.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

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.

NO ADDITIONAL AIRSPACE REQUIRED.

ORDER 8260.3, VOLUME 1, 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	MAP	TO 1000FT POINT	4.59
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.46
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	097.84
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	24
DISTANCE FROM		TO 1500FT POINT	
WIDTH OF		SEGMENT AT 1500FT POINT	
TRUE COURSE OF		SEGMENT CONTAINING 1500FT POINT	
HIGH TERRAIN IN		SEGMENT CONTAINING 1500FT POINT	

THRESHOLD  
COORDINATES  
(IF STR-IN)665321.57N/1623628.75W

ARP COORDINATES665305.30N/1623553.30W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 36 DISTANCE 0.72 NM

FAF  
COORDINATES665349.69N/1624354.34W

FIX NAME  
COORDINATES

REMARKS

1500' POINT IN PT MANEUVERING AREA.  
THLD DISPLACED 400FT, ACTUAL COORDINATES: 665322.37N/1623638.56W.



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
RALPH WIEN MEMORIAL	PAOT	VOR RWY 9	ORIG-D	KOTZEBUE	AK	15	OTZ

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART (JOSHUA DUGAN)	AJV-5400		

