

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</u> RALPH WIEN MEMORIAL	<u>AIRPORT ID</u> PAOT	<u>PROCEDURE NAME</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 1A	<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SUPERSEDED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> 1	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 11E
<u>FACILITY</u> I-OTZ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES **THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 18-25.**

<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					118.90	13.00 (OTZ R-299)	3900
OTZ VOR/DME		TUBDE/I-OTZ 11.31 DME					264.69	12.00	2500
HHM NDB		TUBDE/I-OTZ 11.31 DME					264.47	11.31	2500
OMPAE/OTZ 12.00 DME CCW	IAF	HUPUG/OTZ 12.00 DME	NOPT				12.00 DME ARC		2000
HUPUG/OTZ 12.00 DME CCW	IAF	TUBDE/I-OTZ 11.31 DME	NOPT				12.00 DME ARC (OTZ LR-275)		1600
NECSI/OTZ 12.00 DME CW	IAF	TUBDE/I-OTZ 11.31 DME	NOPT				12.00 DME ARC (OTZ LR-255)		1600
TUBDE/I-OTZ 11.31 DME	IF/IAF	KAYEC/I-OTZ 5.16 DME					088.88	6.14 (I-OTZ)	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 (DO NOT CHART):

CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 2500 DIRECT HHM NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2500.



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD W TUBDE, RT, 088.88 INBOUND, 1600 FT. IN LIEU OF PT (IAF), MAX 4500.

3. FAC: 088.88

FAF: KAYEC/I-OTZ 5.16 DME

DIST FAF TO MAP:

DIST FAF TO THLD: 4.24

4. MIN ALT: TUBDE/I-OTZ 11.31 DME 1600, KAYEC/I-OTZ 5.16 DME 1400

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT: 790

6. MIN GS INCPT: 1400

GS ALT AT FAF : KAYEC/I-OTZ 5.16 DME 1400

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1:

20:1:

TCH: 37.7

8. MSA FROM: OTZ VOR/DME 360-090 3600, 090-270 1600, 270-360 3200

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 PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART PROFILE NOTE: USE I-OTZ DME WHEN ON THE LOCALIZER COURSE.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.

FICTITIOUS THRESHOLD POINT (CFCJG) DO NOT CHART.

CHART PLANVIEW NOTE: LOC OFFSET 1.90 DEGREES.

CHART OTZ R-330 AT OMPAE.

CHART OTZ R-299 AT HUPUG.

CHART OTZ R-191 AT NECSI.

CHART IN PLANVIEW: HHM NDB

CHART VDP AT 1.77 DME*

DISTANCE VDP TO THLD 0.84 NM

* LOC ONLY

CHART FAS OBST: 51 LIGHTING 665327N/1623630W.

FAC CROSSES RWY C/L EXTENDED 2680 FT FROM THLD.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE HHM NDB, RT, 298.60 INBOUND.

HOLD SE, RT, 294.60 INBOUND

MINIMUMS:

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

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

QUALITY
23
CHECKED

CHANGES - REASONS

- 1. NOTES: CIRCLING RWY 18, 36 NA AT NIGHT. - 20:1 PENETRATIONS.
- 2. MISSED APPROACH: LOWERED MAP ALTITUDE FROM 2500 TO 2000. - MISSED ALTITUDE RESTORED BACK TO THE FLIGHT CK VALUE OF THE ORIG-A PROCEDURE. ALTITUDE WAS ONLY RAISED AT THE REQUEST OF ATC WHO HAVE SINCE REQUESTED THE RETURN TO 2000FT.
- 3. NOTES: ADDED RWY 9 HELICOPTER VIS REDUCTION BELOW RVR 4000 NA. - 34:1 PENETRATIONS.
- 4. MINIMUMS: RAISED VISIBILITY TO RVR 5000 FOR S-ILS-09 FOR CAT A-D - PER CRITERIA.
- 5. MINIMUMS: RAISED VISIBILITY TO RVR 5000 FOR S-LOC-09 FOR CAT C-D - PER CRITERIA

- 11 /07/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/28/18.
- 1. 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.
 - 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.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZAN, OTZ FSS, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018,
SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY

LONNIE EVERHART (JOSHUA DUGAN)

APPROVED BY

LONNIE EVERHART

Digitally signed by
DAVID DANNER
Nov 23, 2018

Digitally signed by
DAVID DANNER
Nov 23, 2018

OFFICE
DATE
OFFICE
DATE
08/20/2018

OFFICE
DATE
TITLE
MANAGER

