

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR OR TACAN 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 ID</u> PAKN	<u>PROCEDURE NAME</u> VOR Y OR TACAN Y RWY 12	<u>ORIGINAL/AMENDMENT</u> 14	<u>CITY</u> KING SALMON	<u>STATE</u> AK	
<u>AIRPORT ELEVATION</u> 73	<u>TDZE</u> 62	<u>SUPERSEDED</u> VOR OR TACAN RWY 12	<u>ORIGINAL/AMENDMENT</u> 13	<u>DATED</u> 09/25/2008	<u>MAG VAR</u> 16E
<u>FACILITY</u> AKN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OSKOE/10.00 DME CCW	IAF	ZAMOM/10.00 DME	NOPT				10.00 DME ARC		2400
ZAMOM/10.00 DME CCW	IAF	NIRRI/10.00 DME	NOPT				10.00 DME ARC		2000
NOGAE/10.00 DME CW	IAF	YEYYU/10.00 DME	NOPT				10.00 DME ARC		2000
YEYYU/10.00 DME CW	IAF	NIRRI/10.00 DME	NOPT				10.00 DME ARC		2000
NIRRI/10.00 DME	IF	AKN VORTAC					115.76	9.98	1300

MISSED APPROACH

MAP:

3.68 NM AFTER AKN VORTAC OR AT 3.68 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 DIRECT AKN VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.
(TACAN AIRCRAFT CLIMBING RIGHT TURN TO 3000 ON HEADING 238 AND ON AKN VORTAC R-210 TO OLLER/15.00 DME AND HOLD SW, RT, 030.11 INBOUND).

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 295.77 OUTBOUND 2000 FT WITHIN 15 MILES OF AKN VORTAC (IAF)

2.

3. FAC: 115.77 FAF: AKN VORTAC DIST FAF TO MAP: 3.68 DIST FAF TO THLD: 3.68

4. MIN ALT: AKN VORTAC 1300

8. MSA FROM: AKN VORTAC 4000

EQUIPMENT REQUIREMENTS NOTES:

NOTES:



CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-12 CAT E VISIBILITY TO 1 3/8 SM.
 CHART NOTE: WHEN CONTROL TOWER CLOSED, INCREASE S-12 ALL CATS VISIBILITY TO RVR 5000.
 CHART NOTE: WHEN CONTROL TOWER CLOSED, INOPERATIVE TABLE DOESNT NOT APPLY TO CATS A/B.
 CHART NOTE: WHEN CONTROL TOWER CLOSED AND ALS INOPERATIVE, INCREASE S-12 CATS C/D/E VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 116.00 INBOUND.
 CHART FAS OBST: 265 TOWER 584146N/1564002W.
 332 AAO 584346N/1564341W.
 CHART VDP AT 2.43 DME
 DISTANCE VDP TO THLD 1.23 NM.
 CHART AKN R-052 AT OSKOE.
 CHART AKN R-026 AT ZAMOM.
 CHART AKN R-210 AT NOGAE.
 CHART AKN R-271 AT YEYYU.
 CHART CIRCLING ICON.
 AKN VORTAC TO RW12: 3.02/60.

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 900-2 3/4, CAT E 900-3

CATEGORY:	A			B			C			D			E		
	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-12	520	2400	458	520	2400	458	520	4500	458	520	4500	458	520	4500	458
CIRCLING	580	1	507	580	1	507	580	1 1/2	507	900	2 3/4	827	960	3	887



CHANGES - REASONS

1. CHANGED PROCEDURE NAME FROM VOR OR TACAN RWY 12 TO VOR OR TACAN Y RWY 12 - Y DESIGNATOR REQUIRED BY CURRENT 8260.3D CRITERIA.
2. ADDED NOPT TO OSKOE TO ZAMOM AND NOGAE TO YEYU ARCING INITIAL SEGMENTS - REQUIRED DOCUMENTATION FOR INITIAL SEGMENTS THAT PERMIT ELIMINATION OF PROCEDURE TURNS.
3. CHANGED NIRRI TO AKN VORTAC INTERMEDIATE SEGMENT COURSE FROM 115.71 TO 115.76 AND DISTANCE FROM 10.00 TO 9.98 - NIRRI MOVED 58 FEET NORTH EAST PER FPT REQUEST.
4. ADDED 600 FOOT CLIMB-TO ALTITUDE TO PRIMARY MISSED APPROACH INSTRUCTION - MITIGATES CLIMB-IN-HOLD PATTERN SLOPING SURFACE PENETRATION.
5. REPLACED "VIA" WITH "ON" IN TACAN AIRCRAFT MISSED APPROACH INSTRUCTION - "VIA" NO LONGER ALLOWED FOR USE.
6. CHANGED MAP DISTANCES FROM 3.66 TO 3.68 - NEW EVALUATION.
7. CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 3.66 TO 3.68 - NEW EVALUATION.
8. CHANGED MSA ALTITUDE FROM 3900 TO 4000 - NEW MSA SECTOR CONTROLLING OBSTACLE.
9. CHANGED "CHART NOTE: WHEN ALSF INOP, INCREASE VIS CAT E 1/2 MILE" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-12 CAT E VISIBILITY TO 1 3/8 SM" - UPDATED 8260.3D CRITERIA/CORRECTED WORDING PER CURRENT 8260.19H CRITERIA.
10. ADDED "CHART NOTE: WHEN CONTROL TOWER CLOSED, INCREASE S-12 ALL CATS VISIBILITY TO RVR 5000", "CHART NOTE: WHEN CONTROL TOWER CLOSED, INOPERATIVE TABLE DOESNT NOT APPLY TO CATS A/B", AND "CHART NOTE: WHEN CONTROL TOWER CLOSED AND ALS INOPERATIVE, INCREASE S-12 CATS C/D/E VISIBILITY TO 1 3/8 SM" - CATS A/B MINIMUMS AT NO LIGHTS MINIMUMS/8260.3D, TABLE 3-3-6, NOTE 1B/NO PARALLEL RUNWAY.
11. CHANGED VDP FROM 2.42 TO 2.43 AND DISTANCE TO THLD FROM 1.24 TO 1.23 - VDP FORMULA CHANGED PER CURRENT 8260.3D CRITERIA..
12. CHANGED DESIGN VDA/TCH FROM 3.01/66 TO 3.02/60 - TCH LIMITED TO 60 FEET BY CURRENT 8260.3D CRITERIA.
13. REMOVED "CHART AIRPORT ELEVATION 73" AND "CHART TDZ ELEVATION 62" - CHARTED CORRECTLY AND NO LONGER REQUIRED FOR DOCUMENTATION.
14. ADDED 332 AAO 584346N/1564341W TO ADDITIONAL FLIGHT DATA SECTION - 7:1 OBSTACLES REQUIRED DOCUMENTATION PER 8260.19H CRITERIA.
15. ADDED "CHART CIRCLING ICON" - REQUIRED DOCUMENTATION BY 8260.19H CRITERIA.
16. CHANGED CAT E ALTERNATE MINIMUMS FROM 800 - 2 1/4 TO 900 - 3 AND ADDED CAT D ALTERNATE MINIMUMS - INCREASED MINIMUMS DUE TO APPLICATION OF NEW CIRCLING CRITERIA/APPLICATION OF 8260.3D, 3-3-3.
17. CHANGED S-12 CATS A/B VIS FROM 1/2 TO 2400, CAT C VIS FROM 3/4 TO 4500, AND CATS D/E VISIBILITY FROM 1 TO 4500 - RWY 12 EQUIPPED WITH RVR TD SENSOR.
18. CHANGED CIRCLING CAT D CMDA/HAA FROM 640/567 TO 900/827 AND VIS FROM 2 TO 2 3/4 - INCREASED MINIMUMS DUE TO APPLICATION OF NEW CIRCLING CRITERIA/APPLICATION OF 8260.3D, 3-3-3.
19. CHANGED CIRCLING CAT E CMDA/HAA FROM 720/647 TO 960/887 AND VIS FROM 2 1/4 TO 3 - INCREASED MINIMUMS DUE TO APPLICATION OF NEW CIRCLING CRITERIA/APPLICATION OF 8260.3D, 3-3-3.

12/07/20: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/23/20.

1. PROCEDURE NAME: CHANGED FROM VOR OR TACAN Y RWY 12 TO VOR Y OR TACAN Y RWY 12.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAN, PAKN ATCT, AFDL MGR, AK AERO

FLIGHT CHECKED BY
DUSTIN CONNER WELSH

Digitally signed by
ALLAN WILL
Dec 18, 2020

OFFICE
FIOG

DATE
09/29/2020

DEVELOPED BY
MICHAEL R. GARRITY JR.

Digitally signed by
MICHAEL GARRITY
Dec 07, 2020

OFFICE
AJV-A423

DATE
06/23/2020

APPROVED BY
MARLON ROBINSON

Digitally signed by
ALLAN WILL
Dec 18, 2020

OFFICE
AJV-A420

DATE

TITLE
MANAGER

