

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.

<u>AIRPORT ID</u> KAXN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> ALEXANDRIA	<u>STATE</u> MN		
<u>AIRPORT ELEVATION</u> 1425	<u>TDZE</u> 1425	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 OCTOBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 315/30 CW 135/30	NOPT	LLIAN	IF/IAF	3100
2. 135/30 CW 315/30		135/15 CW 315/15		3600
3. 135/15 CW 315/15		LLIAN	IF/IAF	3100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
LLIAN	IF/IAF	BENNA		TF	FB	1.00	045.14	6.00	3000
BENNA	FAF	RW04	MAP	TF	FO	0.30	045.22	4.81	
RW04	MAP	1675 MSL		CA			045.22		
1675 MSL		KILVE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT KILVE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW LLIAN, RT, 045.14 INBOUND, 3100 FT. IN LIEU OF PT (IF/IAF), MAX 6000.

3. FAC: 045.22FAF: BENNADIST FAF TO MAP: 4.81DIST FAF TO THLD: 4.81

4. MIN ALT: LLIAN 3100, BENNA 3000

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.65GS ANT:

6. MIN GP INCPT: 3000GP ALT AT PFAF : BENNA 3000OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 43.6

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 04 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 225.44 INBOUND.
CHART FAS OBST: 1592 TOWER (27-022134) 455121N/0952329W.
1650 AAO 454813N/0952757W.
CHART VDP AT 1.22 NM TO RW04.
WAAS CHANNEL # 90245
REFERENCE PATH ID: W04A
LTP HAE: 408.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
LPV DA	1675	1	250	1675	1	250	1675	1	250	1675	1	250			
LNAV/VNAV DA	1826	1 1/8	401	1826	1 1/8	401	1826	1 1/8	401	1826	1 1/8	401			
LNAV MDA	1860	1	435	1860	1	435	1860	1 1/4	435	1860	1 1/4	435			
CIRCLING	1900	1	475	1900	1	475	1940	1 1/2	515	2000	2	575			

CHANGES - REASONS

AIRPORT ID
KAXN

PROCEDURE NAME
RNAV (GPS) RWY 4

ORIGINAL/AMENDMENT
ORIG

CITY
ALEXANDRIA

STATE
MN

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, AMGR

FLIGHT CHECKED BY

GLEN B FREEMAN

Digitally signed by

CASIMIR L TABAKA

Aug 17, 2023

OFFICE

FPO

DATE

08/15/2023

DEVELOPED BY

CHRISTOPHER SCHONES

Digitally signed by

CHRISTOPHER SCHONES

May 18, 2023

OFFICE

AJV-A432

DATE

04/13/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by

CASIMIR L TABAKA

May 23, 2023

OFFICE

AJV-A432

DATE

10/05/2023

TITLE

MANAGER

QUALITY
10
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAXN
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	455145.3330N
LTP/FTP LONGITUDE	0952358.8115W
LTP/FTP ELLIPSOIDAL HEIGHT	+04083
FPAP LATITUDE	455243.4190N
FPAP LONGITUDE	0952222.1370W
THRESHOLD CROSSING HEIGHT (TCH)	00043.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1504
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	65496F4F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04344
FPAP ORTHOMETRIC HEIGHT	+04344

QUALITY
10
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