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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
AXN	VOR RWY 22	15C	ALEXANDRIA	MN

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
1425	1424	VOR RWY 22	15B	05/20/2021	7E	1965

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
AXN			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
LUKCO/AXN 7.00 DME CCW	IAF	TROIS/AXN 7.00 DME	NOPT				7.00 DME ARC		3000
KENDE/AXN 7.00 DME CW	IAF	TROIS/AXN 7.00 DME	NOPT				7.00 DME ARC		3000
TROIS/AXN 7.00 DME	IF	AXN VOR/DME					223.75	7.00	3000

MISSED APPROACH

MAP:
8.38 NM AFTER AXN VOR/DME OR AT AXN 8.38 DME

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 3000 DIRECT TO AXN VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** L **SIDE OF COURSE** 043.75 **OUTBOUND** 3000 **FT WITHIN** 10 **MILES OF** AXN VOR/DME (IAF)
2.
3. **FAC:** 223.75 **FAF:** AXN VOR/DME **DIST FAF TO MAP:** 8.38 **DIST FAF TO THLD:** 8.38
4. **MIN ALT:** AXN VOR/DME 3000, DROBB/AXN 6.00 DME 2020
8. **MSA FROM:** AXN VOR/DME 090-180 3600, 180-090 3000

NOTES:

CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GHW ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 224.00 INBOUND.
CHART FAS OBST: 1607 TOWER (27-022132) 455340N/0952115W.
CHART AXN R-170 AT LUKCO.
CHART AXN R-299 AT KENDE.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
AXN	VOR RWY 22	15C	ALEXANDRIA	MN

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**
S-22	2020	1	596	2020	1	596	2020	1 3/4	596	2020	1 3/4	596			
CIRCLING	2020	1	595	2020	1	595	2020	1 3/4	595	2020	2	595			
DROBB FIX MINIMUMS															
S-22	1880	1	456	1880	1	456	1880	1 3/8	456	1880	1 3/8	456			
CIRCLING	1920	1	495	1920	1	495	1940	1 1/2	515	2000	2	575			

CHANGES - REASONS

1. ALL CHANGES FROM P-NOTAMS 15A AND 15B INCORPORATED INTO THE FORM - IAW 8260.19J PARA 8-3-4C(3).
2. HEADING: TDZE CHANGED FROM 1423 TO 1424. - CORRECTED ERROR IN PREVIOUS AMENDMENT.
3. TERMINAL ROUTES: CHANGED FROM "R-170 AXN VOR/DME CCW-AXN VOR/DME" TO "LUKCO/AXN 7.00 DME CCW-TROIS/AXN 7.00 DME" AND CHANGED FROM "7.00 DME ARC & R-043.77/7.00 AXN" TO "7.00 DME ARC". - CHANGED IAF AND IF FROM UNNAMED FIXES TO NAMED FIXES LUKCO AND TROIS, AND IAW 8260.19J.
4. TERMINAL ROUTES: CHANGED FROM "R-299 AXN VOR/DME CW-AXN VOR/DME" TO "KENDE/AXN 7.00 DME CW-TROIS/AXN 7.00 DME" AND CHANGED FROM "7.00 DME ARC & R-043.77/7.00 AXN" TO "7.00 DME ARC". - CHANGED IAF AND IF FROM UNNAMED FIXES TO NAMED FIXES KENDE AND TROIS, AND IAW 8260.19J.
5. MAP: CHANGED FROM "8.38 MILES AFTER AXN VOR/DME OR AT AXN R-223.7 8 38 DME" TO "8.38 NM AFTER AXN VOR/DME OR AT AXN 8.38 DME". - IAW 8260.19J.
6. PROFILE LINE 1: CHANGED COURSE FROM 043.77 TO 043.75. - OLD EVAL DONE IN IAPA AND NEW EVAL DONE IN TARGETS, AND CHANGED IN AIRNAV DATA, GROUND TRACK REMAINS THE SAME.
7. PROFILE LINE 2: CHANGED FAC FROM 223.77 TO 223.75. - OLD EVAL DONE IN IAPA AND NEW EVAL DONE IN TARGETS, AND CHANGED IN AIRNAV DATA, GROUND TRACK REMAINS THE SAME.
8. PROFILE LINE 4: CHANGED FROM "AXN R-223.77/6.00 DME 1980" TO "DROBB/AXN 6.00 2020". - CHANGED SDF FROM UNNAMED FIX TO NAMED FIX, IAW 8260.19J, AND NEW CONTROLLING OBSTACLE.
9. NOTES: ADDED SECONDARY ALTIMETER NOTE. - BACK UP ALTIMETER ADDED 01-10-2013.
10. ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLE FROM 1611 TOWER 455340/952115 TO 1607 TOWER (27-022132) 455340N/0952115W. - IAW 8260.19J.
11. ADDITIONAL FLIGHT DATA: ADDED CHART AXN R-170 AT LUKCO AND CHART AXN R-299 AT KENDE. - IAW 8260.19J.
12. MINS: CHANGED S-22 FROM 1980/557/CAT C 1 1/2SM TO 2020/596/CAT C 1 3/4SM. - NEW CONTROLLING OBSTACLE, CORRECTED TDZE FROM 1423 TO 1424, AND IAW 8260.3F.
13. MINS: CIRCLING CAT A/B/C CHANGED FROM 1980/555/CAT C 1 1/2SM TO 2020/595/CAT C 1 3/4SM AND CAT D FROM 2000/575 TO 2020/595. - NEW CONTROLLING OBSTACLE IN FINAL RAISED SI.
14. MINS: CHANGED FROM DME MINS TO DROBB FIX MINS. - IAW 8260.19J.
15. S-22 DROBB MINS: HATS CHANGED FROM 457 TO 456, CAT C VIS CHANGED FROM 1 1/4SM TO 1 3/8SM, AND CAT D VIS CHANGED FROM 1 1/2SM TO 1 3/8SM. - CORRECTED TDZE FROM 1423 TO 1424 AND IAW 8260.3F.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
AXN	VOR RWY 22	15C	ALEXANDRIA	MN

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA	OTHER:
[ ]	[X]	[X]	[ ]	[ ]	[X]	ZMP ARTCC, AMGR

		OFFICE	DATE	
FLIGHT CHECKED BY SHAWN D MAXWELL	*Digitally signed by* ***ROBERT G HAMILTON*** May 08, 2025	AJF	05/06/2025	
DEVELOPED BY ROBERT G HAMILTON (ANDRE TUCKER)	*Digitally signed by* ***ROBERT G HAMILTON*** May 08, 2025	AJV-5431	02/10/2025	
APPROVED BY ROBERT G HAMILTON	*Digitally signed by* ***ROBERT G HAMILTON*** May 08, 2025	AJV-A433	07/03/2025	**TITLE** MANAGER

QUALITY 37 CHECKED

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AXN	VOR RWY 22	15C	ALEXANDRIA	MN	1425	AXN

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL: ARC

FROM
LUKCO/AXN 7.00 DME CCW

TO
TROIS/AXN 7.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (27-001455)	454925.00N/0950740.00W	1753	500	50	5D	1000				AT247	3000
TERRAIN	460448.00N/0950324.00W	1499 (1500)								AS1500	3000

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL: ARC

FROM
KENDE/AXN 7.00 DME CW

TO
TROIS/AXN 7.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (27-001711)	460643.79N/0952038.30W	1939	50	20	2C	1000					3000
TERRAIN	460627.00N/0952118.00W	1617 (1600)								AS1000	2600

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 37 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AXN	VOR RWY 22	15C	ALEXANDRIA	MN	1425	AXN

INTERMEDIATE

FROM	TO
TROIS/AXN 7.00 DME	AXN VOR/DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	7.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	460436.00N/0950827.00W	1674	215	8	4B	500					2200
TERRAIN	460415.00N/0950933.00W	1459 (1500)								AS1500	3000

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE: PT

FROM	TO
10 NM	AXN VOR/DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	10.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (27-000963)	461004.06N/0950242.78W	1761	500	50	5D	1000					2800
TERRAIN	460527.00N/0951721.00W	1509 (1500)								AS1500	3000

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 37 CHECKED

FINAL

FROM	TO
AXN VOR/DME	DROBB/AXN 6.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	6.00			596	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	455554.00N/0951927.00W	1641	215	8	4B	250				XL120	2020

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: STEPDOWN

FROM	TO
DROBB/AXN 6.00 DME	8.38 NM AFTER AXN VOR/DME OR AT AXN 8.38 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	2.38		8.38 NM AFTER AXN VOR/DME OR AT AXN 8.38 DME	456	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (27-022132)	455340.08N/0952114.54W	1607	20	3	1A	250				XP23	1880

COMPUTATIONS

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

SEGMENT REMARKS:

XP= RETAIN CURRENT MINIMUMS.

QUALITY 37 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AXN	VOR RWY 22	15C	ALEXANDRIA	MN	1425	AXN

PROCEDURE TURN

FROM	TO
AXN VOR/DME	10 NM

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (27-000963)	461004.06N/0950242.78W	1761	500	50	5D	1000					2800
TERRAIN	460527.00N/0951721.00W	1509 (1500)								AS1500	3000

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH

FROM	TO
8.38 NM AFTER AXN VOR/DME OR AT AXN 8.38 DME	AXN VOR/DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					1630

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (27-001161)	455555.00N/0952644.00W	1919	50	20	2C	1000					3000
TERRAIN	460015.00N/0952306.00W	1505 (1500)								AS1500	3000

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AXN	VOR RWY 22	15C	ALEXANDRIA	MN	1425	AXN

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 (27-022134)	455121.35N/0952328.85W	1.31	595/495	1592	20	3	1A	300		SI/XP28	2020/1920
CATEGORY B											
TOWER (27-022134)	455121.35N/0952328.85W	1.86	595/495	1592	20	3	1A	300		SI/XP28	2020/1920
CATEGORY C											
TOWER (27-001960)	455234.00N/0952806.00W	2.92	595/515	1637	50	10	2B	300		SI	2020/1940
CATEGORY D											
TOWER (27-000900)	455247.00N/0951836.00W	3.82	595/575	1687	100	20	3C	300		SI	2020/2000

CIRCLING REMARKS:

CAT A XP= RETAIN CURRENT MINIMUMS. CAT B XP= RETAIN CURRENT MINIMUMS.

MSA

CENTER	RADIUS
AXN VOR/DME	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
090-180	TOWER (27-001046)	454159.00N/0951037.00W	164	15.7	2545	250	50	4D	1000			3600
180-090	AAO	461154.00N/0953006.00W	315	18.3	1998	215	8	4B	1000			3000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

VEGETATION HEIGHT: 100 FT

ATTEMPTED TO RAISE THE FAF AND INITIAL ALTITUDES FROM 3000 TO 4000 IAW 8260.3B, PARA 252 TO ACHIEVE DESCENT GRADIENT ABOVE 2.77. PROPONENT DID NOT WANT THE 1000 FT RAISE IN THE FAF ALTITUDE DUE TO ICING PROBLEMS IN THE WINTER, SO LEFT THE FAF AND INITIAL ALTITUDES AT 3000 AND WILL NOT PUBLISH A VGSI DESCENT ANGLE. THIS ISSUE WILL BE ADDRESSED ON NEXT FULL AMENDMENT.

QUALITY 37 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AXN	VOR RWY 22	15C	ALEXANDRIA	MN	1425	AXN

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZMP ARTCC, PNM FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	AXN	24	AXN	0	Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	GHW	24	GHW	13.71	Y	36

WX REMARKS:

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
AXN VOR/DME	OSS	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW04 - REIL (PCL), MIRL (PCL), PAPI-4L (PCL)	NPI-G	
RW22 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-G	
RW13 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	PIR-G	
RW31 - ODALS (PCL), MIRL (PCL), PAPI-4L (PCL)	PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.00	43.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	VOR
34:1	
1490 TREE (27-061738) 455226.8400N/0952257.4800W (20.59)	1473 TREE (27-029327) 455225.6500N/0952259.8800W (9.69)
1464 TREE (27-029285) 455224.3700N/0952302.3500W (7.08)	1479 TREE (27-049040) 455227.8900N/0952256.8100W (6.5)
1461 TREE (27-061743) 455224.1100N/0952302.6200W (5.01)	1466 TREE (27-044213) 455225.9200N/0952259.9500W (2.28)
PENETRATIONS REMARKS:	

QUALITY 37 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AXN	VOR RWY 22	15C	ALEXANDRIA	MN	1425	AXN

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - VDA AND VGSI NOT PUBLISHED.

DESIGN VDA/TCH: 2.21/43.5.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.
ORDER 8260.3, 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	THLD	**TO 1000FT POINT**	7.38
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.90
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	230.75
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	1500
DISTANCE FROM	THLD	**TO 1500FT POINT**	8.38
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	2.00
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	230.75
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	1500

THRESHOLD COORDINATES (IF STR-IN)	455211.72N/0952314.91W
ARP COORDINATES	455158.70N/0952340.80W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 13 DISTANCE 0.45 NM
FAF COORDINATES	455730.20N/0951357.49W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ROBERT G HAMILTON (ANDRE TUCKER)	AJV-5431	02/10/2025	AERONAUTICAL INFORMATION SPECIALIST