

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
YIMCU (IAF)	WUNYE (NOPT) (FB)	045.38 / 5.00	3600	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 3500 DIRECT OCIWE AND VIA 352.49 TRACK TO TILER AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 121.93 INBOUND. CHART FAS OBST: 1615 TOWER 455117N/0952331W FAS OBST: 1629 AAO 454840N/0952032W DISTANCE TO THLD FROM 392 HAT: 1.08 NM. CHART VDP AT 1.28 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 61007 REFERENCE PATH ID: W31A
ZECWO (IAF)	WUNYE (NOPT) (FB)	225.50 / 5.00	3600	
WUNYE (IF/IAF)	UNRUY (FB)	315.44 / 6.24	3300	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE WUNYE, RT, 315.44 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
- FAC: 315.37 FAF: UNRUY DIST FAF TO MAP: 5.66 THLD: 5.66
- MIN. ALT: WUNYE 3600, UNRUY 3300
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3300 GS ALT AT: UNRUY OM: MM: IM:
- GS ANGLE: 3.00 TCH: 49.4 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 4E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1815	1 1/4	392	1815	1 1/4	392	1815	1 1/4	392	1815	1 1/4	392			
LNAV/VNAV DA	1885	1 1/2	462	1885	1 1/2	462	1885	1 1/2	462	1885	1 1/2	462			
LNAV MDA	1880	3/4	457	1880	3/4	457	1880	1 1/4	457	1880	1 1/2	457			
CIRCLING	1920	1	496	1920	1	496	1920	1 1/2	496	1980	2	556			

NOTES:
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV & LNAV/VNAV CATS A/B/C AND LNAV CAT C. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VDP AND BARO-VNAV NA WHEN USING GLENWOOD ALTIMETER SETTING.
 SEE 8260-10

CITY AND STATE ALEXANDRIA, MN	ELEVATION: 1424 TDZE: 1423 AIRPORT NAME: CHANDLER FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 31 JUL 2008	SUP: AMDT: ORIG DATED 03/22/2001
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CHECKED

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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GLENWOOD ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 40 FEET AND INCREASE LPV AND LNAV/VNAV VISIBILITIES 1/4 MILE ALL CATS.

TAA

	FROM	TO	ALT
1.	226/30 CW 045/30 (NOPT)	WUNYE (IF/IAF) (FB)	3600
2.	045/30 CW 135/30	YIMCU (IAF) (FB)	3600
3.	135/30 CW 226/30	ZECWO (IAF) (FB)	3600

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAXN
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	455139.7000N
LTP/FTP LONGITUDE	0952320.4900W
LTP/FTP ELLIPSOIDAL HEIGHT	+04074
FPAP LATITUDE	455217.8700N
FPAP LONGITUDE	0952407.4700W
THRESHOLD CROSSING HEIGHT (TCH)	00049.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	86.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER **B23A4284**

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04332
FPAP ORTHOMETRIC HEIGHT	+04332

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ARINC PACKET - 424-18

WP 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAEAENRT	OCIWE K30	W	N45553611	W095281190	E0025	NAR	OCIWE
SUSAEAENRT	TILER K30	C	L N4605053	W095290208	E0023	NAR	TILER
SUSAEAENRT	UNRUY K30	W	N45472235	W095180434	E0025	NAR	UNRUY
SUSAEAENRT	WUNYE K30	W	N4542379	W095121619	E0025	NAR	WUNYE
SUSAEAENRT	YIMCU K30	W	N45392275	W095174113	E0025	NAR	YIMCU
SUSAEAENRT	ZECWO K30	W	N4545528	W095065062	E0025	NAR	ZECWO

AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KAXNK3AAXN 0 051YHN45515867W095234081E004001424 1800018000C MNAR CHANDLER FIELD

SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KAXNK3FR31	AWUNYE 010	WUNYEK3EA0EE CR HF	31540040	+ 03600	18000	A JS
SUSAP KAXNK3FR31	AYIMCU 010	YIMCUK3EA0E A IF			18000	A JS
SUSAP KAXNK3FR31	AYIMCU 020	WUNYEK3EA0EE 010TF	04540050	+ 03600		A JS
SUSAP KAXNK3FR31	AZECWO 010	ZECWOK3EA0E A IF			18000	A JS
SUSAP KAXNK3FR31	AZECWO 020	WUNYEK3EA0EE 010TF	22550050	+ 03600		A JS
SUSAP KAXNK3FR31	R 010	WUNYEK3EA0E I IF		+ 03600	18000	A JS
SUSAP KAXNK3FR31	R 020	UNRUYK3EA1E F 051TF	31540062	+ 03300		A JS
SUSAP KAXNK3FR31	R 020	UNRUYK3EA2WALPV ALNAV/VNAV ALNAV				JS
SUSAP KAXNK3FR31	R 030	RW31 K3PGOGY M 031TF	31540057	01470	-300	A JS
SUSAP KAXNK3FR31	R 040	OCIWEK3EA0E M 010DF				A JS
SUSAP KAXNK3FR31	R 050	TILERK3EA0EY 010TF	3525	+ 03500		A JS
SUSAP KAXNK3FR31	R 060	TILERK3EA0EE HR020HM	12190040	+ 03500		A JS

RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KAXNK3GRW31 0051003153 N45513970W095232049-0200 +0407401421000049100I

PP 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

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SUSAP KAXNK3PR31 RW31 001 0000W31A0N4551397000W09523204900+040740300N4552178700W0952407470008650000000494F400500B23A4284
 SUSAP KAXNK3PR31 RW31 002E +04332-04332LPV 61007 000

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WUNYE	WUNYE	010		HF	R	FB		315.4 (319T)	004.0	03600
	YIMCU	YIMCU	010	IAF	IF		FB				
	YIMCU	WUNYE	020		TF		FB	1.0	045.4 (049T)	005.0	03600
	ZECWO	ZECWO	010	IAF	IF		FB				
	ZECWO	WUNYE	020		TF		FB	1.0	225.5 (230T)	005.0	03600
		WUNYE	010	FACF	IF		FB				03600
		UNRUY	020	FAF	TF		FB	0.5	315.4 (319T)	006.2	03300
		RW31	030	MAP	TF		FO	0.3	315.4 (319T)	005.7	01470

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OCIWE	040		DF		FB	1.0			
	TILER	050		TF		FO	1.0	352.5 (357T)		03500
	TILER	060		HM	R	FO	2.0	121.9 (126T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OCIWE	N455536.11	W0952811.90	N4555.602	W09528.198
	TILER	N460505.31	W0952902.08	N4605.089	W09529.035
	UNRUY	N454722.35	W0951804.34	N4547.373	W09518.072
	WUNYE	N454237.91	W0951216.19	N4542.632	W09512.270
	YIMCU	N453922.75	W0951741.13	N4539.379	W09517.686
	ZECWO	N454552.81	W0950650.62	N4545.880	W09506.844
	RW31	N455139.70	W0952320.49	N4551.662	W09523.342

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	01421	49

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