

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, 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 in feet RVR.								
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION												
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW17 CLIMB TO 2900 DIRECT YEDUT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 347.22 INBOUND. CHART FAS OBST: 1403 TREE 434245N/0932322W DISTANCE TO THLD FROM 250 HAT: 0.63 NM. CHART VDP AT 1.28 MILES TO RW17* *LNAV ONLY. WAAS CHANNEL # 49204 REFERENCE PATH ID: W17A LTP HAE: 354.9 M								
FREED	BOYAY (FO)	018.36 / 9.41	2900									
NEWRY	BOYAY (FO)	318.82 / 10.31	2900									
ALMAY (IAF)	BOYAY (NOPT) (FB)	147.41 / 13.47	2900									
KASPR (IAF)	BOYAY (NOPT) (FB)	231.27 / 9.62	2900									
BOYAY (IF/IAF)	SAPOC (FB)	167.14 / 6.01	2900									
SAPOC (FAF)	BUNSE/1.80 NM TO RW17 (FB)	167.16 / 3.19										
(SEE FORM 8260-10)												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)												
2. HOLD N BOYAY, RT, 167.14 INBOUND, 2900 FT. IN LIEU OF PT (IAF)												
3. FAC: <u>167.16</u> FAF: <u>SAPOC</u> DIST FAF TO MAP: <u>4.99</u> THLD: <u>4.99</u>												
4. MIN. ALT: <u>BOYAY 2900, SAPOC 2900, BUNSE/1.80 NM TO RW17 1860*</u>												
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>												
6. MIN GS INCPT: <u>2900</u> GS ALT AT: <u>SAPOC 2900</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>												
7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> 34:1 IS NOT CLEAR												
8. MSA FROM: RW17 3400				MAG VAR: 1E EPOCH YEAR: 2010								
MINIMUMS												
TAKEOFF: 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
LPV DA	1510	3/4	250	1510	3/4	250	1510	3/4	250	1510	3/4	250
LNAV/VNAV DA	1510	3/4	250	1510	3/4	250	1510	3/4	250	1510	3/4	250
LNAV MDA	1700	1	440	1700	1	440	1700	1 1/4	440	1700	1 1/4	440
CIRCLING	1780	1	519	1780	1	519	1780	1 1/2	519	1820	2	559
NOTES: CHART NOTE: CIRCLING TO RWY 5/23 NA AT NIGHT. CHART NOTE: BARO-VNAV NA WHEN USING AUSTIN ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -28C (-18F) OR ABOVE 36C (96F). (SEE FORM 8260-10)												
CITY AND STATE		ELEVATION: 1261 THRE: 1260		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP: RNAV (GPS) RWY 16				
ALBERT LEA, MN		AIRPORT NAME: ALBERT LEA MUNI				RNAV (GPS) RWY 17, AMDT 2 10/20/2011		AMDT: 1				
								DATED 08/30/2007				

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BUNSE/1.80 NM TO RW17	RW17 (MAP) (FO)	167.18 / 1.80	
RW17 (MAP)	1510 MSL	167.18	
1510 MSL	YEDUT (FO)		2900

NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: VDP NA WITH AUSTIN ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUSTIN ALTIMETER SETTING AND INCREASE ALL DA 48 FEET AND ALL MDA 60 FEET; INCREASE LPV AND LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS, AND LNAV CAT C/D VISIBILITY 1/8 MILE.

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER Kael
RUNWAY RW17
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W17A
LTP/FTP LATITUDE 434115.8535N
LTP/FTP LONGITUDE 0932213.8180W
LTP/FTP ELLIPSOIDAL HEIGHT +03549
FPAP LATITUDE 433948.6300N
FPAP LONGITUDE 0932148.6800W
THRESHOLD CROSSING HEIGHT (TCH) 00050.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

2B877F15

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +03840
FPAP ORTHOMETRIC HEIGHT +03840

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP K AELK3FR17	AALMAY	010ALMAYK3EA0E	A	IF						18000		A JS	
SUSAP K AELK3FR17	AALMAY	020BOYAYK3EA0EE	B	010TF		14740135		+ 02900				A JS	
SUSAP K AELK3FR17	AFREED	010FREEDK3EA0E		IF						18000		A JS	
SUSAP K AELK3FR17	AFREED	020BOYAYK3EA0EY		020TF		01840094		+ 02900				A JS	
SUSAP K AELK3FR17	AFREED	030BOYAYK3EA0EE	AR	HF		16710040		+ 02900				A JS	
SUSAP K AELK3FR17	AKASPR	010KASPRK3EA0E	A	IF						18000		A JS	
SUSAP K AELK3FR17	AKASPR	020BOYAYK3EA0EE	B	010TF		23130096		+ 02900				A JS	
SUSAP K AELK3FR17	ANEWRY	010NEWRYK3EA0E		IF						18000		A JS	
SUSAP K AELK3FR17	ANEWRY	020BOYAYK3EA0EY		020TF		31880103		+ 02900				A JS	
SUSAP K AELK3FR17	ANEWRY	030BOYAYK3EA0EE	AR	HF		16710040		+ 02900				A JS	
SUSAP K AELK3FR17	R	010BOYAYK3EA0E	I	IF				+ 02900		18000		A JS	
SUSAP K AELK3FR17	R	020SAPOCK3EA1E	F	051TF		16710060		+ 02900			RW17	K3PGA	JS
SUSAP K AELK3FR17	R	020SAPOCK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP K AELK3FR17	R	021BUNSEK3EA0E	S	031TF		16720032		V 0186001883		-300		A JS	
SUSAP K AELK3FR17	R	030RW17 K3PGOGY	M	031TF		16720018		01310		-300		A JS	
SUSAP K AELK3FR17	R	040	O	M	CA	1672		+ 01510				A JS	
SUSAP K AELK3FR17	R	050YEDUTK3EA0EY		DF				+ 02900				A JS	
SUSAP K AELK3FR17	R	060YEDUTK3EA0EE	R	HM		34720040		+ 02900				A JS	

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[illegible]

SUSAP KAELK3GRW17 0050001672 N43411585W093221382+0000 +0354901260000050100R

[illegible]

SUSAP KAELK3PR17 RW17 001 0000W17A0N4341158535W09322138180+035490300N4339486300W09321486800106751224000500F4005002B877F15
SUSAP KAELK3PR17 RW17 002E +03840+03840LPV 49204

[illegible]

SUSAP KAEK3SRW17 K3PG 0 18018003425 M

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