

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.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW35 CLIMB TO 2900 DIRECT BOYAY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 167.14 INBOUND. CHART FAS OBST: 1415 TWR 433956N/0932225W CHART 1524 TOWER 433740N/0932150W. DISTANCE TO THLD FROM 250 HAT: 0.63 NM. CHART VDP AT 0.98 NM TO RW35* *LNAV ONLY. WAAS CHANNEL # 53625 REFERENCE PATH ID: W35A LTP HAE: 355.2 M					
GOTHE		YEDUT (FO)		204.00 / 3.05				2900							
HIBLO		YEDUT (FO)		110.04 / 6.04				2900							
MCW VOR/DME (IAF)		YEDUT (NOPT) (FB)		000.35 / 24.35				2900							
YEDUT (IF/IAF)		ZUTIX (FB)		347.22 / 5.97				2800							
ZUTIX (FAF)		BIGKA/1.80 NM TO RW35 (FB)		347.21 / 2.88											
BIGKA/1.80 NM TO RW35		RW35 (MAP) (FO)		347.21 / 1.80											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S YEDUT, RT, 347.22 INBOUND, 2900 FT. IN LIEU OF PT (IAF) 3. FAC: 347.21 FAF: ZUTIX DIST FAF TO MAP: 4.68 THLD: 4.68 4. MIN. ALT: YEDUT 2900, ZUTIX 2800, BIGKA/1.80 NM TO RW35 1880* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2800 GS ALT AT: ZUTIX 2800 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR 8. MSA FROM: RW35 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	DH/MDA	VIS	HAT/HAA
LPV DA	1511	3/4	250	1511	3/4	250	1511	3/4	250	1511	3/4	250			
LNAV/VNAV DA	1576	1	315	1576	1	315	1576	1	315	1576	1	315			
LNAV MDA	1720	1	459	1720	1	459	1720	1 3/8	459	1720	1 3/8	459			
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. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. 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). (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 1261 TDZE: 1261		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
ALBERT LEA, MN		AIRPORT NAME: ALBERT LEA MUNI				RNAV (GPS) RWY 35, AMDT 1B				AMDT: 1A					
						5 JANUARY 2017				DATED 05/29/2014					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW35 (MAP)	1511 MSL	347.21	
1511 MSL	BOYAY (FO)		2900

NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MCW VOR/DME AIRWAY RADIALS 278 CW 075.

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: VDP NA WITH AUSTIN ALTIMETER SETTING.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

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.

CITY AND STATE
ALBERT LEA, MN

ELEVATION: 1261 TDZE: 1261
AIRPORT NAME:
ALBERT LEA MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, AMDT 1B
5 JANUARY 2017

SUP:
AMDT: 1A
DATED: 05/29/2014

QUALITY
24
CHECKED

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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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	Kael
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	434027.5190N
LTP/FTP LONGITUDE	0932159.8895W
LTP/FTP ELLIPSOIDAL HEIGHT	+03552
FPAP LATITUDE	434154.7400N
FPAP LONGITUDE	0932225.0300W
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
 <u>CRC REMAINDER</u>	 C2C3D088

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03844
FPAP ORTHOMETRIC HEIGHT	+03844

CITY AND STATE

ALBERT LEA, MN

ELEVATION: 1261

TDZE: 1261

AIRPORT NAME:

ALBERT LEA MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 1B

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ARINC SUMMARY - Kael

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
GOTHE	010	GOTHE	IF	FB										E
GOTHE	020	YEDUT	TF	FO	2.0	204.0						AA 02900		EY
GOTHE	030	YEDUT	HF	FO		347.2			R			AA 02900		EE A
HIBLO	010	HIBLO	IF	FB										E
HIBLO	020	YEDUT	TF	FO	2.0	110.0						AA 02900		EY
HIBLO	030	YEDUT	HF	FO		347.2			R			AA 02900		EE A
MCW	010	MCW	IF	FB										V A
MCW	020	YEDUT	TF	FB	1.0	000.4						AA 02900		EE B
	010	YEDUT	IF	FB								AA 02900		E I
	020	ZUTIX	TF	FB	1.0	347.2				RW35		AA 02800		E F
	021	BIGKA	TF	FB	0.3	347.2		3.00				AA 01880 GS 01884		E S
	030	RW35	TF	FO	0.3	347.2		3.00				AT 01311		GY M
	040		CA	FB		347.2						AA 01511		M
	050	BOYAY	DF	FO								AA 02900		EY
	060	BOYAY	HM	FO		167.1			R			AA 02900		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
MCW	N430541.12	W0931947.54
GOTHE	N433247.94	W0931713.84
HIBLO	N433212.40	W0932645.24
BIGKA	N433841.79	W0932129.45
BOYAY	N435201.88	W0932520.70
YEDUT	N433001.92	W0931900.20
ZUTIX	N433552.88	W0932040.88

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW35	N434027.52	W0932159.89	01261	50.0

CITY AND STATE ALBERT LEA, MN	ELEVATION: 1261 TDZE: 1261 AIRPORT NAME: ALBERT LEA MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1B 5 JANUARY 2017	SUP: AMDT: 1A DATED: 05/29/2014

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