

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: RW17 CLIMB TO 3800 DIRECT FARUN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 349.16 INBOUND. CHART FAS OBST: 1324 TREE 434027N/0925600W DISTANCE TO THLD FROM 250 HAT: 0.66 NM. WAAS CHANNEL # 82132 REFERENCE PATH ID: W17A CHART CIRCLING ICON. LTP HAE: 346.2 M						
RST VOR/DME		NABGE (FB)			300.60 / 9.92			3000								
MCW VOR/DME		PICIB (FB)			006.81 / 45.24			3400								
KASPR		PICIB (FB)			148.80 / 8.70			3000								
NABGE (IAF)		MAROE (NOPT) (FB)			259.24 / 8.00			2900								
PICIB (IAF)		MAROE (NOPT) (FB)			078.98 / 8.00			2900								
MAROE (IF/IAF)		IGAME (FB)			169.11 / 6.13			2900								
IGAME (FAF)		JELOG/1.80 NM TO RW17 (FB)			169.11 / 3.31											
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N MAROE, RT, 169.11 INBOUND, 2900 FT. IN LIEU OF PT (IAF) 3. FAC: 169.11 FAF: IGAME DIST FAF TO MAP: 5.11 THLD: 5.11 4. MIN. ALT: MAROE 2900, IGAME 2900, JELOG/1.80 NM TO RW17 1840* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2900 GS ALT AT: IGAME 2900 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.7 34:1 IS NOT CLEAR 8. MSA FROM: RW17 3900																
										MAG VAR: 3E			EPOCH YEAR: 1990			
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	1484	1	250	1484	1	250	1484	1	250	1484	1	250				
LNAV/VNAV DA	1508	1	274	1508	1	274	1508	1	274	1508	1	274				
LNAV MDA	1700	1	466	1700	1	466	1700	1 3/8	466	1700	1 3/8	466				
CIRCLING	1740	1	506	1740	1	506	1800	1 1/2	566	1960	2 1/4	726				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALBERT LEA ALTIMETER SETTING AND (CONTINUED ON PAGE 2)																
CITY AND STATE		ELEVATION: 1234 TDZE: 1234			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:			
AUSTIN, MN		AIRPORT NAME:			AUSTIN MUNI			RNAV (GPS) RWY 17, AMDT 1B					AMDT: 1A			
								10 NOVEMBER 2016					DATED 03/05/2015			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION				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.	
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TERMINAL ROUTES, (CONT.):					
FROM		TO	COURSE AND DISTANCE	ALTITUDE	
JELOG/1.80 NM TO RW17		RW17 (MAP) (FO)	169.11 / 1.80		
RW17 (MAP)		1484 MSL	169.11		
1484 MSL		FARUN (FO)		3800	
NOTES, (CONT.): INCREASE ALL DA 48 FEET AND ALL LNAV/VNAV VISIBILITY 1/8 MILE: INCREASE ALL MDA 60 FEET AND LNAV CATS C/D VISIBILITY 1/8 MILE AND CIRCLING CATS C/D VISIBILITY 1/4 MILE. CHART NOTE: RWY 17 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON RST VOR/DME AIRWAY RADIALS 213 CW 329. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MCW VOR/DME AIRWAY RADIALS 278 CW 075. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KASPR ON V13 NORTHBOUND. *LNAV ONLY.					
CITY AND STATE AUSTIN, MN		ELEVATION: 1234 AIRPORT NAME: AUSTIN MUNI	TDZE: 1234	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1B 10 NOVEMBER 2016
				SUP:	QUALITY 24 CHECKED
				AMDT:	1A
				DATED:	03/05/2015

**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	KAUM
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	434013.8620N
LTP/FTP LONGITUDE	0925603.9460W
LTP/FTP ELLIPSOIDAL HEIGHT	+03462
FPAP LATITUDE	433845.5900N
FPAP LONGITUDE	0925547.1300W
THRESHOLD CROSSING HEIGHT (TCH)	00040.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 C5B9E126

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03752
FPAP ORTHOMETRIC HEIGHT	+03752

CITY AND STATE

AUSTIN, MN

ELEVATION: 1234

TDZE: 1234

AIRPORT NAME:

AUSTIN MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 1B

10 NOVEMBER 2016

SUP:

AMDT:

DATED:

 QUALITY
24

CHECKED

1A

03/05/2015

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - 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.		
ARINC SUMMARY - KAUM														
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
KASPR	010	KASPR	IF	FB										E
KASPR	020	PICIB	TF	FB	2.0	148.8						AA 03000		E A
KASPR	030	MAROE	TF	FB	1.0	079.0						AA 02900		EE B
MAROE	010	MAROE	HF	FO		169.1			R			AA 02900		EE A
MCW	010	MCW	IF	FB										V
MCW	020	PICIB	TF	FB	2.0	006.8						AA 03400		E A
MCW	030	MAROE	TF	FB	1.0	079.0						AA 02900		EE B
RST	010	RST	IF	FB										V
RST	020	NABGE	TF	FB	2.0	300.6						AA 03000		E A
RST	030	MAROE	TF	FB	1.0	259.2						AA 02900		EE B
	010	MAROE	IF	FB								AA 02900		E I
	020	IGAME	TF	FB	1.0	169.1				RW17		AA 02900		E F
	021	JELOG	TF	FB	0.3	169.1		3.00				AA 01840 GS 01845		E S
	030	RW17	TF	FO	0.3	169.1		3.00				AT 01272		GY M
	040		CA	FB		169.1						AA 01484		M
	050	FARUN	DF	FO		169.1						AA 03800		EY
	060	FARUN	HM	FO		349.2			R			AA 03800		EE
POINTS														
POINT NAME	LATITUDE	LONGITUDE												
MCW	N430541.12	W0931947.54												
RST	N434658.45	W0923549.06												
KASPR	N435755.76	W0931449.35												
FARUN	N432811.32	W0925346.79												
IGAME	N434517.77	W0925701.98												
JELOG	N434200.85	W0925624.36												
MAROE	N435121.95	W0925811.58												
NABGE	N435227.32	W0924714.26												
PICIB	N435015.53	W0930908.50												
RUNWAYS														
RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH										
RW17	N434013.86	W0925603.95	01231	40.7										

QUALITY
24
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