

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		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 3600 DIRECT HESMA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 351.59 INBOUND. CHART FAS OBST: 2014 TREE 382358N/0985213W DISTANCE TO THLD FROM 200 HAT: 0.50 NM. CHART VDP AT 0.97 NM TO RW17* *LNAV ONLY. WAAS CHANNEL # 70617 REFERENCE PATH ID: W17A LTP HAE: 547.3 M					
DISKS		FEVDI (TF) (FO) (RNP 2.00)		355.13 / 11.14				4000							
HYS VORTAC		JIPKU (TF) (FB) (RNP 2.00)		132.98 / 23.29				4000							
JIPKU (IAF)		FEVDI (NOPT) (TF) (FB) (RNP 1.00)		081.52 / 5.00				4000							
FEVDI (IF/IAF)		CONPI (TF) (FB) (RNP 1.00)		171.59 / 6.10				3600							
CONPI (FAF)		EJAFA/2.20 NM TO RW17 (TF) (FB) (RNP 0.30)		171.59 / 2.98											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 8E EPOCH YEAR: 1990					
2. HOLD N FEVDI, RT, 171.59 INBOUND, 4000 FT. IN LIEU OF PT (IAF)															
3. FAC: 171.59 FAF: CONPI DIST FAF TO MAP: 5.18 THLD: 5.18															
4. MIN. ALT: FEVDI 4000, CONPI 3600, EJAFA/2.20 NM TO RW17 2620*															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 3600 GS ALT AT: CONPI 3600 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR															
8. MSA FROM: RW17 4000															
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	2084	3/4	200	2084	3/4	200	2084	3/4	200	2084	3/4	200			
LNAV/VNAV DA	2282	1 1/2	398	2282	1 1/2	398	2282	1 1/2	398	2282	1 1/2	398			
LNAV MDA	2280	1	396	2280	1	396	2280	1	396	2280	1 1/4	396			
CIRCLING	2300	1	413	2340	1	453	2340	1 1/2	453	2500	2 1/2	613			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F) CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HYS VORTAC ON V244-508 WESTBOUND.															
CITY AND STATE GREAT BEND, KS		ELEVATION: 1887 TDZE: 1884 AIRPORT NAME: GREAT BEND MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG-B					SUP: AMDT: ORIG-A DATED 08/20/2015				



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div></div>	
APA <div></div>		AOPA <div>X</div>		NBAA <div>X</div>	
OTHER (specify) <div>ZKC, AIRPORT MANAGER</div>					
FLIGHT CHECKED BY					
NAME: PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-33) MEME, MAY 30, 2017, SUBJECT: FLIGHT INSPECTION NOT REQUIRED				Digitally signed by STEVEN A VARGAS Aug 21, 2017	
				FIFO	
				DATE:	
DEVELOPED BY					
NAME: ROSE BOONE				Digitally signed by STEVEN A VARGAS Aug 21, 2017	
				FIFO	
				AJV-5412	
				DATE:	
				07/14/2017	
APPROVED BY					
NAME: JULIE A. MORGAN				Digitally signed by STEVEN A VARGAS Aug 21, 2017	
				MANAGER	
				FIFO	
				AJV-5420	
				DATE:	
CHANGES:					
1. RAISED CAT D CIRCLING MDA/HAA FROM 2440/553 TO 2500/614 AND VISIBILITY FROM 2 TO 2 1/2.					
2. REMOVED ALL REFERENCE OF BACKUP ALTIMETER SOURCE.					
3. CHANGED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 45C (113F) TO ... OR ABOVE 54C (130F).					
4. CHANGED INTERMEDIATE RNP VALUE FROM 0.50 TO 1.00.					
REASONS:					
1. INCORPORATED T-NOTAM 7/1572 TO INCREASE CAT D CIRCLING DUE TO UPDATED ACCURACY CODE CHANGE FROM 2C TO 1D.					
2. WEATHER ON WMSCR, NOTES NO LONGER REQUIRED.					
3. NOTE UPDATED VIA NOTAM 5/2589 DTD 06/22/2015.					
4. IAW 8260.19G PARA 4-6-10I					



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
EJafa/2.20 NM TO RW17	RW17 (MAP) (TF) (FO) (RNP 0.30)	171.59 / 2.20	
RW17 (MAP)	2084 MSL (CA)	171.59	
2084 MSL	HESMA (DF) (FO) (RNP 1.00)		3600

QUALITY
19
CHECKED

CITY AND STATE
GREAT BEND, KS

ELEVATION: 1887 TDZE: 1884
AIRPORT NAME:
GREAT BEND MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17, ORIG-B

SUP:
AMDT: ORIG-A
DATED: 08/20/2015

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> _____
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGBD
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	382128.2865N
LTP/FTP LONGITUDE	0985126.5040W
LTP/FTP ELLIPSOIDAL HEIGHT	+05473
FPAP LATITUDE	381959.1000N
FPAP LONGITUDE	0985125.6900W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0360
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 0A8ED589

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05733
FPAP ORTHOMETRIC HEIGHT	+05733

QUALITY
19
CHECKED

CITY AND STATE GREAT BEND, KS	ELEVATION: 1887 AIRPORT NAME: GREAT BEND MUNI	TDZE: 1884 	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG-B	SUP:
					AMDT: ORIG-A
					DATED: 08/20/2015

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> _____
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.					
FEEDER		DISKS		FEVDI		1. TOWER (20-001786)		383230.93N/0984838.14W		2322 (2C)		1000		AT678		4000					
						2. TERRAIN		383251.00N/0985551.00W		2018 (2000)				AS1500		3500					
FEEDER		HYS VORTAC		JIPKU		3. TOWER (20-001354)		383702.00N/0985635.00W		2795 (5D)		1000		AT205		4000					
						4. TERRAIN		383936.00N/0991039.00W		2081 (2100)				AS1500		3600					
INITIAL		JIPKU		FEVDI		5. AAO		383257.00N/0985909.00W		2241 (4E)		1000		AT759		4000					
						6. TERRAIN		383300.00N/0985554.00W		2018 (2000)				AS1500		3500					
INTERMEDIATE		FEVDI (IF/IAF)		CONPI		1. TOWER (20-001786)		383230.93N/0984838.14W		2322 (2C)		500		AT778		3600					
						7. TERRAIN		383148.00N/0985630.00W		2015 (2000)				AS1500		3500					
FINAL: LPV		CONPI		RW17								ASC				2084/200					
FINAL: LNAV/VNAV		CONPI		RW17		8. TREE		382208.14N/0985103.84W		1984 (2C)		23.4:1		AC20		2282/398					
FINAL: LNAV		CONPI		EJAFA/2.20 NM TO RW17		9. TOWER (20-001297)		382425.00N/0985252.00W		2280 (5D)		250		RA80 AC50 SA-62 DG22		2620					
FINAL: LNAV STEPDOWN		EJAFA/2.20 NM TO RW17		RW17		10. TREE		382357.73N/0985213.34W		2014 (2C)		250				2280					
2. HOLD-IN-LIEU-OF-PT		FEVDI		P-5		3. TOWER (20-001354)		383702.00N/0985635.00W		2795 (5D)		1000		AT205		4000					
						6. TERRAIN		383300.00N/0985554.00W		2018 (2000)				AS1500		3500					
3. MISSED APPROACH	MAP:		DA / DA / RW17		HESMA								ASC				3600				
	ELEV:		1918/2005/2030				11. AAO		380915.00N/0985451.00W		2169 (4E)		1000				3200				
						12. TERRAIN		380915.00N/0985451.00W		1969 (2000)				AS1500		3500					
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.																	
CATEGORY A		1.3 NM		REQUIRED	ACTUAL	350		413		13. TANK (KGBD0010)		382050.09N/0985105.70W		1994 (1A)		300		2300			
CATEGORY B		1.5 NM				450		453		13. TANK (KGBD0010)		382050.09N/0985105.70W		1994 (1A)		300		HAA		2340	
CATEGORY C		1.7 NM				450		453		13. TANK (KGBD0010)		382050.09N/0985105.70W		1994 (1A)		300		HAA		2340	
CATEGORY D		2.3 NM				550		613		14. TOWER (20-000013)		382146.00N/0984843.00W		2133 (1D)		300		AC50		2500	
CATEGORY E		4.5 NM				550															
5. MINIMUM SAFE ALTITUDES																					
PRIMARY NAVAID: RW17																					
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A			
360-360		TWR (20-000933)		005/25.4		2963 (5D)		4000													
CITY AND STATE		ELEVATION: 1887		AIRPORT NAME:		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION											
GREAT BEND, KS		GREAT BEND MUNI				RNAV		RNAV (GPS) RWY 17, ORIG-B		ACE											

QUALITY
19
CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. KGBD AWOS-3 IS ON WMSCR KRSL ASOS IS ON WMSCR VGSI DATA 3.50/38.0FT ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.50NM CAT C: 1.70NM CAT D: 2.30NM NO ADDITIONAL AIRSPACE REQUIRED. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RUSSELL MUNI ALTIMETER SETTING AND INCREASE ALL DA 77 FEET AND ALL MDA 80 FEET, INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS AND LNAV CATS C AND D AND CIRCLING CAT D VISIBILITY 1/4 MILE. RASS PERSSURE PATTERNS ARE THE SAME KGBD 1886, KRSL 1864 RA: 76.1 100 FEET AVERAGE VEGETATION HEIGHT USED PER FPT LPV SLOPE: 34:1 LNAV/VNAV SLOPE: 23.4:1 OBSTACLE DATA THE SAME IN INTERMEDIATE FOR LPV, AND LNAV/VNAV ISA DEVIATION: -30 TAA NOT DEVELOPED PER FPT MAGVAR NOT UPDATED PER FPT/ATC																													
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																															
ZKC ARTCC						N W S		OTHER: AWOS-3PT												SOURCE:KGBD / KRSL																			
						F A A														DISTANCE: 0 / 31.73																			
						A / C														HOURS REMOTE OPERATION: 24/YES / 24/YES																			
SATISFACTORY ON:																				LOCATION: KGBD										ADJUSTMENT: 0 / 77									
4. MONITOR STATUS		PRIMARY NAVAID:																																					
		MONITOR POINT:																																					
		HRS OPTN:		CAT 1																																			
				CAT 3																																			
5. APPROACH & RUNWAY LIGHTING				ALS																																			
				(S) SALS																																			
		X		MALSR 35 (PCL)																																			
		X		HIRL 17 (PCL), 35 (PCL)																																			
		X		MIRL 11 (PCL), 29 (PCL)																																			
				REIL																																			
				TDZ																																			
				C/LINE																																			
X		OTHER (SPECIFY) VASI-4L 35 (PCL) PAPI-4L 11 (PCL), 17 (PCL), 29 (PCL)																																					
6. RUNWAY MARKINGS		BASIC BSC-G 11, 29																																					
		ALL WEATHER PIR-G 35																																					
		INSTRUMENT NPI-P 17																																					
7. RUNWAY VISUAL RANGE		APPROACH																																					
		MIDFIELD																																					
		ROLL OUT																																					
8. GLIDE PATH		GP ANGLE: 3.00										ELEV RWY THRESHOLD:1880.9																											
		DISTANCE FROM RWY:										ELEV GP ANTENNA:																											
												THRESHOLD CROSSING HEIGHT:45.0																											
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD FT. FROM THRESHOLD																																	
				X		ON CENTERLINE FT. FROM CENTERLINE																																	
10. WAIVERS: NONE																																							
PART D - PREPARED BY: ROSE BOONE										DATE: 07/14/2017																													
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5412																													

