

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 4000 DIRECT WIKUS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 352.27 INBOUND. CHART FAS OBST: 1792 POLE 314051N/0995830W CHART BROWNWOOD 3 MOA. CHART BROWNWOOD 4 MOA. DISTANCE TO THLD FROM 351 HATH: 0.97 NM. WAAS CHANNEL # 53730 REFERENCE PATH ID: W17A LTP HAE: 503.9 M											
OWENN	JEDMO (FO)	050.84 / 18.50	4000												
SHEPP (IAF)	JEDMO (NOPT) (FB)	168.15 / 21.94	4000												
MEDLY (IAF)	JEDMO (NOPT) (FB)	218.20 / 32.13	4000												
JEDMO (IF/IAF)	ZOPOS (FB)	172.25 / 5.00	3500												
ZOPOS (FAF)	KIDVE/1.90 NM TO RW17 (FB)	172.25 / 3.52													
KIDVE/1.90 NM TO RW17	RW17 (MAP) (FO)	172.25 / 1.90													
(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 JEDMO, RT, 172.25 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>172.25</u> FAF: <u>ZOPOS</u> DIST FAF TO MAP: <u>5.42</u> THLD: <u>5.42</u> 4. MIN. ALT: <u>JEDMO 4000, ZOPOS 3500, KIDVE/1.90 NM TO RW17 2380*</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>3500</u> GS ALT AT: <u>ZOPOS 3500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW17 4400</u>				MAG VAR: 8E EPOCH YEAR: 1995											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A <input type="checkbox"/> X <input type="checkbox"/>											
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	2086	1 1/8	351	2086	1 1/8	351		NA			NA				
LNAV/VNAV DA	2086	1 1/8	351	2086	1 1/8	351		NA			NA				
LNAV MDA	2160	1	425	2160	1	425		NA			NA				
CIRCLING	2220	1	481	2220	1	481		NA			NA				
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART NOTE: USE SAN ANGELO ALTIMETER SETTING, WHEN NOT RECEIVED USE BRADY ALTIMETER SETTING AND (SEE FORM 8260-10)															
CITY AND STATE BALLINGER, TX		ELEVATION: 1739 THRE: 1735 AIRPORT NAME: BRUCE FIELD		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 10 JANUARY 2013				SUP: AMDT: NONE DATED					

QUALITY
1
CHECKED

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
RW17 (MAP)	2086 MSL	172.25	
2086 MSL	WIKUS (FO)		4000

NOTES, (CONT.):

INCREASE ALL DA 15 FT AND ALL MDA 20 FT, AND INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE.

CITY AND STATE

BALLINGER, TX

ELEVATION: 1739

THRE: 1735

AIRPORT NAME:

BRUCE FIELD

FACILITY
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RNAV

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RNAV (GPS) RWY 17, ORIG

10 JANUARY 2013

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	E30
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	314047.4810N
LTP/FTP LONGITUDE	0995837.0495W
LTP/FTP ELLIPSOIDAL HEIGHT	+05039
FPAP LATITUDE	313918.1900N
FPAP LONGITUDE	0995837.5100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

DD61ADF2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+05289
FPAP ORTHOMETRIC HEIGHT	+05289

CITY AND STATE

BALLINGER, TX

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC PACKET - 424-18 - RNAV (GPS)

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	JEDMO K40	W	N31511401W099583385					E0056	NAR	JEDMO			
SUSAEENRT	KIDVE K40	W	N31424172W099583647					E0056	NAR	KIDVE			
SUSAEENRT	MEDLY K40	C	L N32133395W099312018					E0054	NAR	MEDLY			
SUSAEENRT	OWENN K40	C	L N31413987W100170874					E0058	NAR	OWENN			
SUSAEENRT	SHEPP K40	C	L N32131005W100001765					E0056	NAR	SHEPP			
SUSAEENRT	WIKUS K40	W	N31284756W099584100					E0056	NAR	WIKUS			
SUSAEENRT	ZOPOS K40	W	N31461312W099583539					E0056	NAR	ZOPOS			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP E30 K4AE30	0	039YHN31402810W099583720E008001739					1800018000C	MNAR	BRUCE FIELD				

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP E30 K4FR17	AMEDLY 010MEDLYK4EA0E	A	IF							18000		A JS	
SUSAP E30 K4FR17	AMEDLY 020JEDMOK4EA0EE	B	010TF				21820321	+ 04000				A JS	
SUSAP E30 K4FR17	AOWENN 010OWENNK4EA0E		IF							18000		A JS	
SUSAP E30 K4FR17	AOWENN 020JEDMOK4EA0EY		020TF				05080185	+ 04000				A JS	
SUSAP E30 K4FR17	AOWENN 030JEDMOK4EA0EE	AR	HF				17230040	+ 04000				A JS	
SUSAP E30 K4FR17	ASHEPP 010SHEPPK4EA0E	A	IF							18000		A JS	
SUSAP E30 K4FR17	ASHEPP 020JEDMOK4EA0EE	B	010TF				16820219	+ 04000				A JS	
SUSAP E30 K4FR17	R		010JEDMOK4EA0E	I	IF			+ 04000		18000		A JS	
SUSAP E30 K4FR17	R		020ZOPOSK4EA1E	F	051TF		17230050	+ 03500			RW17 K4PGA	JS	
SUSAP E30 K4FR17	R		020ZOPOSK4EA2WALPV			ALNAV/VNAV ALNAV						JS	
SUSAP E30 K4FR17	R		021KIDVEK4EA0E	S	031TF		17230035	V 0238002380		-300		A JS	
SUSAP E30 K4FR17	R		030RW17 K4PGOGY M	031TF			17230019	01775		-300		A JS	
SUSAP E30 K4FR17	R		040	0	M	CA	1723	+ 02086				A JS	
SUSAP E30 K4FR17	R		050WIKUSK4EA0EY		DF			+ 04000				A JS	
SUSAP E30 K4FR17	R		060WIKUSK4EA0EE	R	HM		35230040	+ 04000				A JS	

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP E30 K4GRW17	0039091723	N31404748W099583705+0100					+0503901735000040060R						

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP E30 K4PR17	RW17 001	0000W17AON3140474810W09958370495+050390300N3139181900W09958375100106751560000400F400500DD61ADF2											

CITY AND STATE BALLINGER, TX	ELEVATION: 1739	THRE: 1735	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:	BRUCE FIELD	RNAV	RNAV (GPS) RWY 17, ORIG	AMDT: NONE
				10 JANUARY 2013	DATED:

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	MEDLY	MEDLY	010	IAF	IF		FB					
	MEDLY	JEDMO	020		TF		FB	1.0	218.2 (226.2T)	032.1	AA 04000	
	OWENN	OWENN	010		IF		FB					
	OWENN	JEDMO	020		TF		FO	2.0	050.8 (058.8T)	018.5	AA 04000	
	OWENN	JEDMO	030	IAF	HF	R	FO		172.3 (180.3T)	004.0	AA 04000	
	SHEPP	SHEPP	010	IAF	IF		FB					
	SHEPP	JEDMO	020		TF		FB	1.0	168.2 (176.2T)	021.9	AA 04000	
		JEDMO	010	FACF	IF		FB				AA 04000	
		ZOPOS	020	FAF	TF		FB	0.5	172.3 (180.3T)	005.0	AA 03500	
		KIDVE	021	SDF	TF		FB	0.3	172.3 (180.3T)	003.5	AA 02380 GS 02380	
		RW17	030	MAP	TF		FO	0.3	172.3 (180.3T)	001.9	AT 01775	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		172.3 (180.3T)		AA 02086	
	WIKUS	050		DF		FO				AA 04000	
	WIKUS	060		HM	R	FO		352.3 (000.3T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JEDMO	N315114.01	W0995833.85	N3151.234	W09958.564
	KIDVE	N314241.72	W0995836.47	N3142.695	W09958.608
	MEDLY	N321333.95	W0993120.18	N3213.566	W09931.336
	OWENN	N314139.87	W1001708.74	N3141.665	W10017.146
	SHEPP	N321310.05	W1000017.65	N3213.168	W10000.294
	WIKUS	N312847.56	W0995841.00	N3128.793	W09958.683
	ZOPOS	N314613.12	W0995835.39	N3146.219	W09958.590
	RW17	N314047.48	W0995837.05	N3140.791	W09958.618

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	01735	40

CITY AND STATE
BALLINGER, TX

ELEVATION: 1739

THRE: 1735

AIRPORT NAME:

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