

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE 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.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 2600 DIRECT BOSME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 130.68 INBOUND. CHART FAS OBST: 529 TREE 322018N/0944025W CHART FAS OBST: 432 TREE 322226N/0944134W DISTANCE TO THLD FROM 250 HAT: 0.63 NM. CHART VDP AT 1.24 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 53504 REFERENCE PATH ID: W31A							
GIDER		EDUDE (FB)		235.71 / 13.39				3000									
ARMOR		AROB (FB)		008.98 / 33.33				3000									
GGG VORTAC		FANAL (FO)		130.50 / 15.90				3000									
CARTH (IAF)		FANAL (NOPT) (FB)		286.96 / 18.91				3000									
AROB (IAF)		FANAL (NOPT) (FB)		040.75 / 5.00				3000									
EDUDE (IAF)		FANAL (NOPT) (FB)		220.83 / 5.00				3000									
FANAL (IF/IAF)		BETSE (FB)		310.88 / 6.45				2200									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. <u>HOLD SE FANAL, RT, 310.88 INBOUND, 3000 FT. IN LIEU OF PT (IAF)</u> 3. FAC: <u>310.83</u> FAF: <u>BETSE</u> DIST FAF TO MAP: <u>5.55</u> THLD: <u>5.55</u> 4. MIN. ALT: <u>FANAL 3000, BETSE 2200, JUPAT/2.50 NM TO RW31 1200*</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 INCP: <u>2200</u> GS ALT AT: <u>BETSE 2200</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 CLEAR 8. MSA FROM: <u>RW31 2800</u>										MAG VAR: 3E EPOCH YEAR: 2010							
MINIMUMS																	
TAKEOFF:		STANDARD		X		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	604	3/4	250	604	3/4	250	604	3/4	250	604	3/4	250	604	3/4	250		
LNAV/VNAV DA	682	1 1/4	328	682	1 1/4	328	682	1 1/4	328	682	1 1/4	328	682	1 1/4	328		
LNAV MDA	800	1	446	800	1	446	800	1 1/4	446	800	1 1/2	446	800	1 1/2	446		
CIRCLING	860	1	495	860	1	495	860	1 1/2	495	920	2	555	1080	2 1/2	715		
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING GILMER ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY SEE 8260-10																	
CITY AND STATE				ELEVATION: 365 TDZE: 354				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
LONGVIEW, TX				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 31, AMDT 1				AMDT: ORIG	
				EAST TEXAS REGIONAL								NOV 20 2008				DATED 07/05/2007	

 QUALITY
2
CHECKED

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.

CHART NOTE: VDP NA WHEN USING GILMER ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GILMER ALTIMETER SETTING AND INCREASE

ALL DA 59 FEET, ALL MDA 60 FT AND ALL VISIBILITIES 1/4 MILE.

CHART IN PLANVIEW: MAXIMUM HOLDING AIRSPEED 230 KIAS.

CITY AND STATE

LONGVIEW, TX

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KGGG
RUNWAY RW31
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W31A
LTP/FTP LATITUDE 322224.7000N
LTP/FTP LONGITUDE 0944148.2600W
LTP/FTP ELLIPSOIDAL HEIGHT +00814
FPAP LATITUDE 322333.1600N
FPAP LONGITUDE 0944312.4400W
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 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

81442B14

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +01078
FPAP ORTHOMETRIC HEIGHT +01078

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[illegible]

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	ARMOR K40		L	N31374767W094434913				E0027	NAR		ARMOR		
SUSAEENRT	AROBE K40	W		N32102793W094354008				E0026	NAR		AROBE		
SUSAEENRT	BETSE K40	W		N32183349W094370437				E0026	NAR		BETSE		
SUSAEENRT	BOSME K40	W		N32315174W094532736				E0026	NAR		BOSME		
SUSAEENRT	CARTH K40	C	L	N32073866W094103795				E0026	NAR		CARTH		
SUSAEENRT	EDUDE K40	W		N32174195W094273056				E0026	NAR		EDUDE		
SUSAEENRT	FANAL K40	W		N32140501W094313548				E0026	NAR		FANAL		
SUSAEENRT	GIDER K40	R	L	N32244067W094140083				E0026	NAR		GIDER		
SUSAEENRT	JUPAT K40	W		N32204067W094394044				E0026	NAR		JUPAT		

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KGGGK4FR31	AARMOR	010ARMORK4EA0E		IF						18000		A JS	
SUSAP KGGGK4FR31	AARMOR	020AROBK4EA0E	A	020TF		00900333		+	03000			A JS	
SUSAP KGGGK4FR31	AARMOR	030FANALK4EA0EE		010TF		04080050		+	03000			A JS	
SUSAP KGGGK4FR31	ACARTH	010CARTHK4EA0E	A	IF						18000		A JS	
SUSAP KGGGK4FR31	ACARTH	020FANALK4EA0EE		010TF		28700189		+	03000			A JS	
SUSAP KGGGK4FR31	AGGG	010GGG K4D 0V		IF						18000		A JS	
SUSAP KGGGK4FR31	AGGG	020FANALK4EA0EY	A	020TF		13050159		+	03000			A JS	
SUSAP KGGGK4FR31	AGGG	030FANALK4EA0EB	CR	HF		31090040		+	03000			A JS	
SUSAP KGGGK4FR31	AGIDER	010GIDERK4EA0E		IF						18000		A JS	
SUSAP KGGGK4FR31	AGIDER	020EDUDEK4EA0E	A	020TF		23570134		+	03000			A JS	
SUSAP KGGGK4FR31	AGIDER	030FANALK4EA0EE		010TF		22080050		+	03000			A JS	
SUSAP KGGGK4FR31	R	010FANALK4EA0E	I	IF						18000		A JS	
SUSAP KGGGK4FR31	R	020BETSEK4EA1E	F	051TF		31090065		+	02200		RW31 K4PGA	JS	

CITY AND STATE LONGVIEW, TX	ELEVATION: 365 TDZE: 354 AIRPORT NAME: EAST TEXAS REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 NOV 20 2008	SUP:
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SUSAP	KGGGK4FR31	R	020BETSEK4EA2WALPV	ALNAV/VNAV	ALNAV
SUSAP	KGGGK4FR31	R	021JUPATK4EA0E S	031TF	
SUSAP	KGGGK4FR31	R	030RW31 K4PGOGY M	031TF	
SUSAP	KGGGK4FR31	R	040BOSMEK4EA0EYM	010DF	
SUSAP	KGGGK4FR31	R	050BOSMEK4EA0EE	HR020HM	

				JS
31080031	V	0120001206	-300	A JS
31080025		00404	-300	A JS
		+ 02600		A JS
13070040		+ 02600		A JS

[illegible][illegible][illegible]

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
ARMOR	ARMOR	ARMOR	010		IF		FB				
ARMOR	ARMOR	AROB	020	IAF	TF		FB	2.0	009.0(012T)	033.3	03000
ARMOR	ARMOR	FANAL	030		TF		FB	1.0	040.8(044T)	005.0	03000
CARTH	CARTH	CARTH	010	IAF	IF		FB				
CARTH	CARTH	FANAL	020		TF		FB	1.0	287.0(290T)	018.9	03000
GGG	GGG	GGG	010		IF		FB				
GGG	GGG	FANAL	020	IAF	TF		FO	2.0	130.5(134T)	015.9	03000
GGG	GGG	FANAL	030		HF	R	FO		310.9(314T)	004.0	03000
GIDER	GIDER	GIDER	010		IF		FB				
GIDER	GIDER	EDUDE	020	IAF	TF		FB	2.0	235.7(239T)	013.4	03000
GIDER	GIDER	FANAL	030		TF		FB	1.0	220.8(224T)	005.0	03000
		FANAL	010	FACF	IF		FB				03000
		BETSE	020	FAF	TF		FB	0.5	310.9(314T)	006.5	02200
		JUPAT	021	SDF	TF		FB	0.3	310.8(314T)	003.1	01200
		RW31	030	MAP	TF		FO	0.3	310.8(314T)	002.5	00404

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BOSME	040		DF		FO	1.0			02600
	BOSME	050		HM	R	FO	2.0	130.7(134T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GGG	N322503.91	W0944511.50	N3225.065	W09445.192
	ARMOR	N313747.67	W0944349.13	N3137.795	W09443.819
	AROB	N321027.93	W0943540.08	N3210.466	W09435.668
	BETSE	N321833.49	W0943704.37	N3218.558	W09437.073
	BOSME	N323151.74	W0945327.36	N3231.862	W09453.456
	CARTH	N320738.66	W0941037.95	N3207.644	W09410.633
	EDUDE	N321741.95	W0942730.56	N3217.699	W09427.509
	FANAL	N321405.01	W0943135.48	N3214.084	W09431.591
	GIDER	N322440.67	W0941400.83	N3224.678	W09414.014
	JUPAT	N322040.67	W0943940.44	N3220.678	W09439.674
	RW31	N322224.70	W0944148.26	N3222.412	W09441.804

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW31	00354		50

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