

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HINOD	ZIGUG (FO)	057.99 / 20.71	7000	LP: RW22 LNAV: RW22  CLIMB TO 7000 DIRECT ZEBEG AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.  ADDITIONAL FLIGHT DATA: HOLD SW, RT, 038.24 INBOUND. CHART FAS OBST: 2592 TANK 355413N/1002300W CHART FAS OBST: 2549 TOWER 355446N/1002259W OBST: 2779 TREE 355903N/1001951W WAAS CHANNEL # 48837 REFERENCE PATH ID: W22A 2739 AAO 355830N/1002006W CHART CIRCLING ICON. PIQPU TO RW22: 3.00/35 LTP HAE: 696.1 M
EKEWU	FILEL (FB)	201.75 / 23.06	7000	
ROLLS	CAKNO (FB)	295.34 / 32.58	7000	
MMB VORTAC (IAF)	ZIGUG (NOPT) (FB)	216.71 / 20.02	7000	
FILEL (IAF)	ZIGUG (NOPT) (FB)	153.17 / 8.87	7000	
CAKNO (IAF)	ZIGUG (NOPT) (FB)	308.61 / 8.00	7000	
ZIGUG (IF/IAF) (SEE FORM 8260-10)	PIQPU (FB)	218.54 / 11.00	4200	

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD NE ZIGUG, RT, 218.54 INBOUND, 7000 FT. IN LIEU OF PT (IAF)
3. FAC: 218.45 FAF: PIQPU DIST FAF TO MAP: 5.62 THLD: 5.62
4. MIN. ALT: ZIGUG 7000, ZIGUG 7000, PIQPU 4200, CIXAV/2.30 NM TO RW22 3140
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT:        GS ALT AT:        OM:        MM:        IM:
7. GS ANGLE:        TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW22 4600

MAG VAR: 6E EPOCH YEAR: 2015

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
LP MDA	2800	1	418	2800	1	418	2800	1 1/8	418	2800	1 1/8	418			
LNAV MDA	2860	1	478	2860	1	478	2860	1 3/8	478	2860	1 3/8	478			
CIRCLING	3040	1	644	3040	1	644	3280	2 3/4	884	3340	3	944			

NOTES:  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GAGE ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET, INCREASE LP AND LNAV VISIBILITY CAT C AND D 3/8 MILE AND CIRCLING CAT C 1/2 MILE.  
 (SEE FORM 8260-10)

@ CAT C 900-2 3/4, CAT D 1000-3  
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.



CITY AND STATE <b>CANADIAN, TX</b>	ELEVATION: 2396 TDZE: 2382 AIRPORT NAME: <b>HEMPHILL COUNTY</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 22, AMDT 2 11 DECEMBER 2014</b>	SUP: AMDT: <b>1</b> DATED <b>06/03/2010</b>
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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PIQPU (FAF)	CIXAV/2.30 NM TO RW22 (FB)	218.45 / 3.32	3140
CIXAV/2.30 NM TO RW22	RW22 (MAP) (FO)	218.45 / 2.30	
RW22 (MAP)	2796 MSL	218.45	
2796 MSL	ZEBEG (FO)		7000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MMB VORTAC ON AIRWAY RADIALS 205 CW 254 AND ARRIVALS AT ROLLS ON V210 SOUTHEAST BOUND.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: PROCEDURE NA AT NIGHT.



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				AMDT: 1
				DATED: 06/03/2010

**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	KHHF
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	355359.8660N
LTP/FTP LONGITUDE	1002354.5945W
LTP/FTP ELLIPSOIDAL HEIGHT	+06961
FPAP LATITUDE	355256.1100N
FPAP LONGITUDE	1002511.3100W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
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)	0.0

CRC REMAINDER 5E589501

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+07241
FPAP ORTHOMETRIC HEIGHT	+07241

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	AIRPORT NAME: HEMPHILL COUNTY			AMDT: 1
				DATED: 06/03/2010

**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)

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	MMB	K4011560VTHA	N36203744W099524844		N36203744W099524844	E0100024262		NARMITBEE					

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAEENRT	CAKNO	K40	W	N36001503W100023207				E0055	NAR		CAKNO		
SUSAEENRT	CIXAV	K40	W	N35553860W100215570				E0057	NAR		CIXAV		
SUSAEENRT	EKEWU	K40	C	L N36343745W100001064				E0055	NAR		EKEWU		
SUSAEENRT	FILEL	K40	C	L N36141044W100132717				E0056	NAR		FILEL		
SUSAEENRT	HINOD	K40	R	L N35564898W100323155				E0058	NAR		HINOD		
SUSAEENRT	PIQPU	K40	W	N35580095W100190406				E0057	NAR		PIQPU		
SUSAEENRT	ROLLS	K40	C	B N35432188W099281451				E0052	NAR		ROLLS		
SUSAEENRT	ZEBEG	K40	C	N35401358W100402487				E0059	NAR		ZEBEG		
SUSAEENRT	ZIGUG	K40	W	N36055240W100093374				E0056	NAR		ZIGUG		

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KHHFK4AHHF	0	049YHN35534240W100241400E006002396					1800018000C	MNAR		HEMPHILL COUNTY		

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KHHFK4FR22	AEKEWU	010EKEWUK4EA0E	IF						18000			A JS
SUSAP	KHHFK4FR22	AEKEWU	020FILELK4EA0E	A 020TF			20180231		+ 07000				A JS
SUSAP	KHHFK4FR22	AEKEWU	030ZIGUGK4EA0EE	B 010TF			15320089		+ 07000				A JS
SUSAP	KHHFK4FR22	AHINOD	010HINODK4EA0E	IF						18000			A JS
SUSAP	KHHFK4FR22	AHINOD	020ZIGUGK4EA0EY	020TF			05800207		+ 07000				A JS
SUSAP	KHHFK4FR22	AHINOD	030ZIGUGK4EA0EE	AR HF			21850060		+ 07000				A JS
SUSAP	KHHFK4FR22	AMMB	010MMB	K4D 0V A IF						18000			A JS
SUSAP	KHHFK4FR22	AMMB	020ZIGUGK4EA0EE	B 010TF			21670200		+ 07000				A JS
SUSAP	KHHFK4FR22	AROLLS	010ROLLSK4EA0E	IF						18000			A JS
SUSAP	KHHFK4FR22	AROLLS	020CAKNOK4EA0E	A 020TF			29530326		+ 07000				A JS
SUSAP	KHHFK4FR22	AROLLS	030ZIGUGK4EA0EE	B 010TF			30860080		+ 07000				A JS
SUSAP	KHHFK4FR22	R	010ZIGUGK4EA0E	I IF					+ 07000	18000			A JS
SUSAP	KHHFK4FR22	R	020PIQPUK4EA1E	F 051TF			21850110		+ 04200			RW22 K4PGA	JS
SUSAP	KHHFK4FR22	R	020PIQPUK4EA2WALP		N	ALNAV							JS
SUSAP	KHHFK4FR22	R	021CIXAVK4EA0E	S 031TF			21850033		V 0314003143		-300		A JS
SUSAP	KHHFK4FR22	R	030RW22	K4PGOGY M 031TF			21850023		02411		-300		A JS
SUSAP	KHHFK4FR22	R	040	0 M 010CA			2185		+ 02796				A JS
SUSAP	KHHFK4FR22	R	050ZEBEGK4EA0EY	DF					+ 07000				A JS

CITY AND STATE <b>CANADIAN, TX</b>	ELEVATION: <b>2396</b>	TDZE: <b>2382</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>HEMPHILL COUNTY</b>		<b>RNAV</b>	<b>RNAV (GPS) RWY 22, AMDT 2</b>	<b>1</b>
				<b>11 DECEMBER 2014</b>	<b>06/03/2010</b>



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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
	EKEWU	EKEWU	010		IF		FB					
	EKEWU	FILEL	020	IAF	TF		FB	2.0	201.8 (207.8T)	023.1	AA 07000	
	EKEWU	ZIGUG	030		TF		FB	1.0	153.2 (159.2T)	008.9	AA 07000	
	HINOD	HINOD	010		IF		FB					
	HINOD	ZIGUG	020		TF		FO	2.0	058.0 (064.0T)	020.7	AA 07000	
	HINOD	ZIGUG	030	IAF	HF	R	FO		218.5 (224.5T)	006.0	AA 07000	
	MMB	MMB	010	IAF	IF		FB					
	MMB	ZIGUG	020		TF		FB	1.0	216.7 (222.7T)	020.0	AA 07000	
	ROLLS	ROLLS	010		IF		FB					
	ROLLS	CAKNO	020	IAF	TF		FB	2.0	295.3 (301.3T)	032.6	AA 07000	
	ROLLS	ZIGUG	030		TF		FB	1.0	308.6 (314.6T)	008.0	AA 07000	
		ZIGUG	010	FACF	IF		FB				AA 07000	
		PIQPU	020	FAF	TF		FB	0.5	218.5 (224.5T)	011.0	AA 04200	
		CIXAV	021	SDF	TF		FB	0.3	218.5 (224.5T)	003.3	AA 03140	GS 03143
		RW22	030	MAP	TF		FO	0.3	218.5 (224.5T)	002.3	AT 02411	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB	1.0	218.5 (224.5T)		AA 02796	
	ZEBEG	050		DF		FO				AA 07000	
	ZEBEG	060		HM	R	FO	2.0	038.2 (044.2T)	006.0	AA 07000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MMB	N362037.44	W0995248.44	N3620.624	W09952.807
	CAKNO	N360015.03	W1000232.07	N3600.251	W10002.535
	CIXAV	N355538.60	W1002155.70	N3555.643	W10021.928
	EKEWU	N363437.45	W1000010.64	N3634.624	W10000.177
	FILEL	N361410.44	W1001327.17	N3614.174	W10013.453
	HINOD	N355648.98	W1003231.55	N3556.816	W10032.526
	PIQPU	N355800.95	W1001904.06	N3558.016	W10019.068
	ROLLS	N354321.88	W0992814.51	N3543.365	W09928.242
	ZEBEG	N354013.58	W1004024.87	N3540.226	W10040.415
	ZIGUG	N360552.40	W1000933.74	N3605.873	W10009.562
	RW22	N355359.87	W1002354.59	N3553.998	W10023.910

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	02376	35

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	AIRPORT NAME: HEMPHILL COUNTY		RNAV	RNAV (GPS) RWY 22, AMDT 2	AMDT: 1
				11 DECEMBER 2014	DATED: 06/03/2010