

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				
VAYTU	HIKOT (FB)	077.44 / 24.49	3500	LNAV: RW21			
MQP VORTAC	MODNE (FB)	322.13 / 33.21	3500				
HIKOT (IAF)	JIPOG (FB)	122.66 / 5.00	3200	CLIMB TO 3900 DIRECT FESUB AND VIA 300.31 TRACK TO VAYTU AND HOLD.			
MODNE (IAF)	JIPOG (FB)	302.74 / 5.00	3200				
JIPOG (IF)	SOMOE (FB)	212.70 / 6.01	2700	ADDITIONAL FLIGHT DATA: HOLD S, RT, 017.00 INBOUND. CHART FAS OBST: 1449 TREE 330933N/0983101W ZEKUL TO RW21: 3.04/ 40.			

1. PT NA SIDE OF COURSE		OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT JIPOG					
3. FAC: 212.65		FAF: SOMOE		DIST FAF TO MAP: 4.79 THLD: 4.79	
4. MIN. ALT: JIPOG 3200, SOMOE 2700, ZEKUL/3.00 NM TO RW21 2100					
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: RW21 3000					

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
LNAV MDA	1700	1	586	1700	1	586		NA			NA				
CIRCLING	1700	1	577	1700	1	577		NA			NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MINERAL WELLS ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MQP VORTAC VIA AIRWAY RADIALS 265 CW 001.

CITY AND STATE GRAHAM, TX	ELEVATION: 1123 TDZE: 1114	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, ORIG APR 10 2008	SUP: AMDT: NONE DATED
	AIRPORT NAME: GRAHAM MUNI			

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[illegible]

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SUSAP KRPHK4GRW21 0050002126 N33065866W098325717+0000 +0310701114000040075R

SUSAP KRPHK4SRW21 K4PG 0 18018003025 M

SUP:	
AMDT:	NONE
DATED:	

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

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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
	MQP	MQP	010		IF		FB				
	MQP	MODNE	020	IAF	TF		FB	2.0	322.1 (329T)	033.2	03500
	MQP	JIPOG	030		TF		FB	1.0	302.7 (310T)	005.0	03200
	VAYTU	VAYTU	010		IF		FB				
	VAYTU	HIKOT	020	IAF	TF		FB	2.0	077.4 (084T)	024.5	03500
	VAYTU	JIPOG	030		TF		FB	1.0	122.7 (130T)	005.0	03200
		JIPOG	010	FACF	IF		FB				03200
		SOMOE	020	FAF	TF		FB	0.5	212.7 (220T)	006.0	02700
		ZEKUL	025	SDF	TF		FB	0.3	212.7 (220T)	001.8	02100
		RW21	030	MAP	TF		FO	0.3	212.7 (220T)	003.0	01154

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FESUB	040		DF		FB	1.0			
	VAYTU	050		TF		FO	1.0	300.3 (307T)		03900
	VAYTU	060		HM	R	FO	2.0	017.0 (024T)	004.0	03900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MQP	N324334.25	W0975950.79	N3243.571	W09759.847
	FESUB	N330238.59	W0983712.79	N3302.643	W09837.213
	HIKOT	N331830.40	W0982919.82	N3318.507	W09829.330
	JIPOG	N331518.49	W0982444.40	N3315.308	W09824.740
	MODNE	N331206.41	W0982009.32	N3312.107	W09820.155
	SOMOE	N331040.43	W0982918.80	N3310.674	W09829.313
	VAYTU	N331611.09	W0985824.55	N3316.185	W09858.409
	ZEKUL	N330917.56	W0983040.45	N3309.293	W09830.674
	RW21	N330658.66	W0983257.17	N3306.978	W09832.953

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION TCH
RW21	01114 40	

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