

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
GAFFE	KAZNY (FB)	299.16 / 14.07	3000	LPV: DA LNAV/VNAV: DA LNAV: RW01	
KAZNY (IAF)	EPOZI (NOPT) (FB)	291.64 / 6.84	3000		
OBURY (IAF)	EPOZI (NOPT) (FB)	091.92 / 7.04	3000	CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 3000 DIRECT EPOZI AND HOLD.	
SPA VORTAC (IAF)	EPOZI (NOPT) (FB)	359.08 / 11.38	3000		
EPOZI (IF/IAF)	JAKIB (FB)	008.61 / 6.90	2700		
JAKIB (FAF)	CUVUG/1.90 NM TO RW01 (FB)	008.61 / 3.13		ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1166 TREE 352354N/0815634W CHART 1438 TOWER 351954N/0815528W. DISTANCE TO THLD FROM 250 HATH: 0.66 NM. WAAS CHANNEL # 40021 REFERENCE PATH ID: W01A CHART VDP AT 1.01 MILES TO RW01* CHART CIRCLING ICON LTP HAE: 290.3 M	
(SEE FORM 8260-10)					

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD S EPOZI, RT, 008.61 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 008.61 FAF: JAKIB DIST FAF TO MAP: 5.03 THLD: 5.03
4. MIN. ALT: EPOZI 3000, JAKIB 2700, CUVUG/1.90 NM TO RW01 1700*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2700 GS ALT AT: JAKIB 2700 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW01 7900

MAG VAR: 5W EPOCH YEAR: 1995

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	1307	7/8	250	1307	7/8	250	1307	7/8	250	1307	7/8	250			
LNAV/VNAV DA	1457	1 3/8	400	1457	1 3/8	400	1457	1 3/8	400	1457	1 3/8	400			
LNAV MDA	1420	1	363	1420	1	363	1420	1	363	1420	1	363			
CIRCLING	1560	1	483	1620	1	543	1640	1 1/2	563	1820	2 1/2	743			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING SHELBY-CLEVELAND COUNTY RGNL ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.
 (SEE FORM 8260-10)

@ CAT D 800-2 1/2
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.



CITY AND STATE RUTHERFORDTON, NC	ELEVATION: 1077 THRE: 1057 AIRPORT NAME: RUTHERFORD CO - MARCHMAN FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1, AMDT 2 29 MAY 2014	SUP: AMDT: 1 DATED 09/23/2010
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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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CUVUG/1.90 NM TO RW01	RW01 (MAP) (FO)	008.61 / 1.90	
RW01 (MAP)	1700 MSL	008.61	1700
1700 MSL	EPOZI (FO)		3000

NOTES, (CONT.):

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHELBY-CLEVELAND COUNTY RGNL ALTIMETER SETTING AND INCREASE ALL DA 77 FEET, ALL MDA 80 FEET, AND INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CATS C/D AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WITH SHELBY-CLEVELAND COUNTY RGNL ALTIMETER SETTING.

CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 210 KIAS.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SPA VORTAC ON V605 SOUTHBOUND.



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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	KFQD
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	352516.9895N
LTP/FTP LONGITUDE	0815608.1705W
LTP/FTP ELLIPSOIDAL HEIGHT	+02903
FPAP LATITUDE	352646.0500N
FPAP LONGITUDE	0815601.3050W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 2E0B26E8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03222
FPAP ORTHOMETRIC HEIGHT	+03222



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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KFQDK7PR01 RW01 001 0000W01A0N3525169895W08156081705+029030300N3526460500W08156013050106751224000400F4005002E0B26E8												
	SUSAP KFQDK7PR01 RW01 002E +03222+03222LPV 40021												
	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KFQDK7SRW01 K7PG 0 18018007925 M												



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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
	EPOZI	EPOZI	010	IAF	HF	R	FO		008.6 (003.6T)	004.0	AA 03000	
	GAFFE	GAFFE	010		IF		FB					
	GAFFE	KAZNY	020	IAF	TF		FB	2.0	299.2 (294.2T)	014.1	AA 03000	
	GAFFE	EPOZI	030		TF		FB	1.0	291.6 (286.6T)	006.8	AA 03000	
	OBURY	OBURY	010	IAF	IF		FB					
	OBURY	EPOZI	020		TF		FB	1.0	091.9 (086.9T)	007.0	AA 03000	
	SPA	SPA	010	IAF	IF		FB					
	SPA	EPOZI	020		TF		FB	1.0	359.1 (354.1T)	011.4	AA 03000	
		EPOZI	010	FACF	IF		FB				AA 03000	
		JAKIB	020	FAF	TF		FB	0.5	008.6 (003.6T)	006.9	AA 02700	
		CUVUG	021	SDF	TF		FB	0.3	008.6 (003.6T)	003.1	AA 01700	GS 01702
		RW01	030	MAP	TF		FO	0.3	008.6 (003.6T)	001.9	AT 01097	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		008.6 (003.6T)		AA 01700	
	EPOZI	050		DF	L	FO				AA 03000	AB 210
	EPOZI	060		HM	R	FO		008.6 (003.6T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SPA	N350201.05	W0815537.24	N3502.018	W08155.621
	CUVUG	N352323.04	W0815616.95	N3523.384	W08156.283
	EPOZI	N351321.30	W0815703.23	N3513.355	W08157.054
	GAFFE	N350538.90	W0813323.92	N3505.648	W08133.399
	JAKIB	N352015.13	W0815631.41	N3520.252	W08156.524
	KAZNY	N351123.90	W0814903.46	N3511.398	W08149.058
	OBURY	N351451.14	W0820721.02	N3514.852	W08207.350
	RW01	N352516.99	W0815608.17	N3525.283	W08156.136

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01	01057	40



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