

<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>		<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>		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.											
<b>TERMINAL ROUTES</b>				<b>MISSED APPROACH</b>											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW21  CLIMB TO 2400 DIRECT TALOE AND HOLD.  <b>ADDITIONAL FLIGHT DATA:</b> HOLD SW, RT, 032.70 INBOUND. CHART FAS OBST: 186 TREE 355253N/0770919W DISTANCE TO THLD FROM 262 HATH: 0.68 NM. WAAS CHANNEL # 86237 REFERENCE PATH ID: W21A CHART CIRCLING ICON LTP HAE: -13 M											
WOBGO (IF/IAF)	NASIE (FB)	212.79 / 4.95	1600												
NASIE (FAF)	HOBVU/1.60 NM TO RW21 (FB)	212.76 / 3.05													
HOBVU/1.60 NM TO RW21	RW21 (MAP) (FO)	212.76 / 1.60													
RW21 (MAP)	336 MSL	212.76	2400												
336 MSL	TALOE (FO)														
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD NE WOBGO, RT, 212.79 INBOUND, 2400 FT. IN LIEU OF PT (IAF) 3. FAC: <u>212.76</u> FAF: <u>NASIE</u> DIST FAF TO MAP: <u>4.65</u> THLD: <u>4.65</u> 4. MIN. ALT: <u>WOBGO 2400, NASIE 1600, HOBVU/1.60 NM TO RW21 620*</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>1600</u> GS ALT AT: <u>NASIE 1600</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>      </u>				MAG VAR: 9W      EPOCH YEAR: 1990											
<b>MINIMUMS</b>															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A X											
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	379	1	305	379	1	305	379	1	305	379	1	305			
LNAV/VNAV DA	336	1	262	336	1	262	336	1	262	336	1	262			
LNAV MDA	440	1	366	440	1	366	440	1	366	440	1	366			
CIRCLING	500	1	425	540	1	465	660	1 1/2	585	840	2 1/2	765			
<b>NOTES:</b> CHART NOTE: BARO-VNAV NA WHEN USING ROCKY MOUNT ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 75      THRE: 74		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
WILLIAMSTON, NC		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 21, AMDT 1				AMDT:      ORIG					
		MARTIN COUNTY				29 MAY 2014				DATED      01/23/2003					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

\*RNAV ONLY

CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED USE ROCKY MOUNT ALTIMETER SETTING AND INCREASE ALL DA 92 FT AND ALL MDA 100 FT: INCREASE LPV ALL CATS VISIBILITY 3/8 MILE, RNAV/VNAV ALL CATS VISIBILITY 1/8 MILE, RNAV CATS C/D VISIBILITY 3/8 MILE, AND CIRCLING CAT C VISIBILITY 1/2 MILE AND CAT D VISIBILITY 1/4 MILE.

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

CHART NOTE: RWY 21 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT

TAA

	FROM	TO	ALT
1.	123/30 CW 303/30 (NOPT)	WOBGO (IF/IAF) (FB)	2400
	303/30 CW 123/30	WOBGO (IAF) (FO)	2400

CITY AND STATE

WILLIAMSTON, NC

ELEVATION: 75

THRE: 74

AIRPORT NAME:

MARTIN COUNTY

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RNAV (GPS) RWY 21, AMDT 1

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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 KMCZ  
RUNWAY RW21  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR 0  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W21A  
LTP/FTP LATITUDE 355206.5235N  
LTP/FTP LONGITUDE 0771029.2950W  
LTP/FTP ELLIPSOIDAL HEIGHT -00130  
FPAP LATITUDE 355044.8400N  
FPAP LONGITUDE 0771113.4200W  
THRESHOLD CROSSING HEIGHT (TCH) 00045.0  
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

D34F0607

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7  
LTP ORTHOMETRIC HEIGHT +00227  
FPAP ORTHOMETRIC HEIGHT +00227

CITY AND STATE

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMCZK7FR21	AWOBGO	010WOBGOK7EA0EE	AR	HF			21280040	+	02400	18000		A	JS
SUSAP KMCZK7FR21	R	010WOBGOK7EA0E	I	IF				+	02400	18000		A	JS
SUSAP KMCZK7FR21	R	020NASIEK7EA1E	F	051TF			21280050	+	01600			A	JS
SUSAP KMCZK7FR21	R	020NASIEK7EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KMCZK7FR21	R	021HOBVUK7EA0E	S	031TF			21280031	V	0062000629		-300	A	JS
SUSAP KMCZK7FR21	R	030RW21	K7PG0GY	M	031TF		21280016		00119		-300	A	JS
SUSAP KMCZK7FR21	R	040		O	M	CA	2128	+	00336			A	JS
SUSAP KMCZK7FR21	R	050TALOEK7EA0EY		DF				+	02400			A	JS
SUSAP KMCZK7FR21	R	060TALOEK7EA0EE	R	HM			03270040	+	02400			A	JS

[illegible][illegible]FAA FORM 8260 - 10 / April 2006 (Computer Generated)

**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
	WOBGO	WOBGO	010	IAF	HF	R	FO		212.8 (203.8T)	004.0	AA 02400	
		WOBGO	010	FACF	IF		FB				AA 02400	
		NASIE	020	FAF	TF		FB	0.5	212.8 (203.8T)	005.0	AA 01600	
		HOBVU	021	SDF	TF		FB	0.3	212.8 (203.8T)	003.1	AA 00620 GS 00629	
		RW21	030	MAP	TF		FO	0.3	212.8 (203.8T)	001.6	AT 00119	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		212.8 (203.8T)		AA 00336	
		TALOE	050		DF		FO				AA 02400	
		TALOE	060		HM	R	FO		032.7 (023.7T)	004.0	AA 02400	
POINT DATA		WAYPOINT		LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS		
		HOBVU		N355334.52		W0770941.73		N3553.575		W07709.696		
		NASIE		N355622.23		W0770811.00		N3556.371		W07708.183		
		TALOE		N354231.47		W0771539.41		N3542.525		W07715.657		
		WOBGO		N360054.46		W0770543.46		N3600.908		W07705.724		
		RW21		N355206.52		W0771029.30		N3552.109		W07710.488		
RUNWAY DATA				THRESHOLD								
		RWY		ELEVATION		TCH						
		RW21		00074		45						

CITY AND STATE  
**WILLIAMSTON, NC**

ELEVATION: **75**      **THRE: 74**  
 AIRPORT NAME:  
**MARTIN COUNTY**

FACILITY  
 IDENTIFIER:  
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PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
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 29 MAY 2014

SUP:  
 AMDT: **ORIG**  
 DATED: **01/23/2003**