

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										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW23 CLIMB TO 2000 DIRECT EDORY AND RIGHT TURN ON TRACK 301.27 TO SUNNS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 311.30 INBOUND. CHART FAS OBST: 137 ANTENNA 362500N/0760028W. DISTANCE TO THLD FROM 366 HAT: 1.03 NM. CHART VDP AT 1.08 NM TO RW23* *LNAV ONLY. WAAS CHANNEL # 97408 REFERENCE PATH ID: W23A LTP HAE: -33.8 M							
SUNNS		FEVBI (TF) (FB) (RNP 2.00)		078.09 / 28.98				2100									
FEVBI (IAF)		HABKI (NOPT) (TF) (FB) (RNP 1.00)		135.04 / 5.00				2000									
HABKI (IF/IAF)		OTETY (TF) (FB) (RNP 1.00)		225.08 / 6.09				2000									
OTETY (FAF)		RW23 (MAP) (TF) (FO) (RNP 0.30)		225.04 / 6.01													
RW23 (MAP) (SEE FORM 8260-10)		384 MSL (CA)		225.04													
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE HABKI, RT, 225.08 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 225.04 FAF: OTETY DIST FAF TO MAP: 6.01 THLD: 6.01 4. MIN. ALT: HABKI 2000, OTETY 2000 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2000 GS ALT AT: OTETY 2000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.5 20:1 IS CLEAR 34:1 IS NOT CLEAR 8. MSA FROM: RW23 4100										MAG VAR: 10W		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	384	1 1/4	366	384	1 1/4	366	384	1 1/4	366	384	1 1/4	366					
LNAV/VNAV DA	424	1 1/2	406	424	1 1/2	406	424	1 1/2	406	424	1 1/2	406					
LNAV MDA	400	1	382	400	1	382	400	1 1/4	382	400	1 1/4	382					
CIRCLING	440	1	422	480	1	462	480	1 1/2	462	580	2	562					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F). CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUNNS ON V139 SOUTHWEST BOUND. PBN REQUIREMENTS NOTE: RNP APCH.																	
CITY AND STATE CURRITUCK, NC		ELEVATION: 18 TDZE: 18 AIRPORT NAME: CURRITUCK COUNTY RGNL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG-B						SUP: AMDT: ORIG-A DATED 09/24/2009					

QUALITY
10
CHECKED

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div>X</div>	
APA <div></div>		AOPA <div>X</div>		NBAA <div>X</div>	
OTHER (specify)		<div>X</div> AIRPORT MANAGER, NTU APP CON, ZDC			
FLIGHT CHECKED BY <i>Digitally signed by</i>					
NAME:		JAMES L REINEBOLD JR		DAVID TEFFETELLER Mar 29, 2018	
				FIFO FICO	
				DATE: 3/28/18	
DEVELOPED BY <i>Digitally signed by</i>					
NAME:		DAVID TEFFETELLER (JAMES LAFFERTY)		DAVID TEFFETELLER Mar 29, 2018	
				FIFO AJV-5433	
				DATE: 01/05/2018	
APPROVED BY					
NAME:		PATRICK MULQUEEN		DAVID TEFFETELLER MANAGER	
				FIFO AJV-5430	
				DATE:	
CHANGES: Mar 29, 2018					
1. DELETED CHART NOTE: BARO-VNAV NA WHEN USING OCEANA NAS/APOLLO SOUCEK ALTIMETER SETTING. 2. DELETED CHART NOTE: VDP NA WHEN USING OCEANA NAS/APOLLO SOUCEK ALTIMETER SETTING. 3. DELETED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OCEANA NAS/APOLLO SOUCEK ALTIMETER SETTING AND INCREASE ALL DA 59 FEET AND ALL MDA 60 FEET; INCREASE LPV VISIBILITY AND LNAV/VNAV VISIBILITY 1/4 MILE AND LNAV CAT C AND D VISIBILITY 1/4 MILE. 4. DELETED CHART NOTE: PROCEDURE NA FOR ARRIVALS AT SUNNS VIA V266 NORTHWEST BOUND. 5. ADDED "CA" LEG TO BEGINNING OF MISSED APPROACH SEGMENT. 6. CRC REMAINDER CHANGED FROM "82BBBFCD" TO "1B31D627". 7. CHANGED CHART NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED".					
REASONS:					
1-2. CHART NOTES NO LONGER REQUIRED. NOTES COMBINED AND MOVED TO THE BACK OF THE -9 AS CONTINGENCY NOTES. 3. CHART NOTE DELETED AND MOVED TO BACK OF THE -9 AS A CONTINGENCY NOTE. 4. CHART NOTE DELETED DUE TO THE DECOMMISSIONING OF ECG VOR/DME. 5. A "CA " LEG IS USED AS THE FIRST LEG OF AN RNAV MISSED APPROACH PER 8260.58A. 6. ADDITION OF "CA" LEG TO THE MISSED APPROACH PROCEDURE CREATED A NEW CRC REMAINDER. 7. CHART NOTE UPDATED TO REFLECT RWY DESIGNATION AND VISIBILITY LIMITATION.					



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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
384 MSL	EDORY (DF) (FB) (RNP 1.00)		
EDORY	SUNNS (TF) (FO) (RNP 1.00)	301.27 / 21.56	2000

CITY AND STATE

CURRITUCK, NC

ELEVATION: 18

TDZE: 18

AIRPORT NAME:

CURRITUCK COUNTY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, ORIG-B

SUP:

AMDT:

DATED:

QUALITY
10
CHECKED

ORIG-A

09/24/2009

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					



**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KONX
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	362422.0790N
LTP/FTP LONGITUDE	0760036.2550W
LTP/FTP ELLIPSOIDAL HEIGHT	-00338
FPAP LATITUDE	362308.9900N
FPAP LONGITUDE	0760139.5500W
THRESHOLD CROSSING HEIGHT (TCH)	00040.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 1B31D627

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00044
FPAP ORTHOMETRIC HEIGHT	+00044

CITY AND STATE

CURRITUCK, NC

ELEVATION: 18

TDZE: 18

AIRPORT NAME:

CURRITUCK COUNTY RGNL

FACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 23, ORIG-B

SUP:

AMDT: ORIG-A

DATED: 09/24/2009

QUALITY
10
CHECKED

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.			
FEEDER		SUNNS		FEVBI		1. TOWER (37-003264)		363115.00N/0761815.00W		1049 (5D)		1000				2100			
						2. TERRAIN		363018.00N/0763145.00W		30 (0)				AS1500		1500			
INITIAL		FEVBI		HABKI		3. SPOT+AAO		363554.20N/0755239.10W		254 (5A)		1000		AT746		2000			
						4. TERRAIN		363554.20N/0755239.10W		54 (100)				AS1500		1600			
INTERMEDIATE		HABKI (IF/IAF)		OTETY		5. AAO		363536.00N/0755247.00W		246 (4E)		500		AC98 AT1156		2000			
						6. TERRAIN		363536.00N/0755247.00W		30 (0)				AS1500		1500			
FINAL: LPV		OTETY		RW23		7. TREE (KONXT004)		362452.75N/0760003.89W		124 (2C)		27.03:1		AC20		384/366			
FINAL: LNAV/VNAV		OTETY		RW23		7. TREE (KONXT004)		362452.75N/0760003.89W		124 (2C)		23.4:1		AC20		424/406			
FINAL: LNAV		OTETY		RW23		8. ANTENNA		362500.23N/0760027.86W		137 (1A)		250				400			
2. HOLD-IN-LIEU-OF-PT		HABKI		P-4		3. SPOT+AAO		363554.20N/0755239.10W		254 (5A)		1000		AT746		2000			
						4. TERRAIN		363554.20N/0755239.10W		54 (100)				AS1500		1600			
3. MISSED APPROACH	MAP:		DA / DA / RW23		SUNNS						ASC				2000				
	ELEV:		144/145/300				9. TOWER (37-002217)		361825.00N/0761609.00W		541 (5D)		1000		AC50				
						10. TERRAIN		362400.00N/0760112.00W		117 (100)				AS1500		1600			
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	422	11. TREE (KONXT010)		362350.40N/0760147.33W		140 (2C)		300		440			
CATEGORY B		1.5 NM			450		462	11. TREE (KONXT010)		362350.40N/0760147.33W		140 (2C)		300		HAA		480	
CATEGORY C		1.7 NM			450		462	11. TREE (KONXT010)		362350.40N/0760147.33W		140 (2C)		300		HAA		480	
CATEGORY D		2.3 NM			550		562	11. TREE (KONXT010)		362350.40N/0760147.33W		140 (2C)		300		HAA		580	
CATEGORY E		4.5 NM			550														
5. MINIMUM SAFE ALTITUDES																			
PRIMARY NAVAID: RW23																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)			
360-360		BLN (37-000585)		220/12.0		3008 (4D)		4100											
CITY AND STATE		ELEVATION: 18		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION											
CURRITUCK, NC		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 23, ORIG-B		ASO											
		CURRITUCK COUNTY RGNL																	

QUALITY
10
CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. VGSI DATA: 3.00/40.5 100' VEGETATION AS PER FPT. VISUAL PORTION OF FINAL PENETRATIONS: LPV, LNAV/VNAV, LNAV 34:1 91 TREE (37-025207) 362444.28N/0760023.43W (10.70) 95 TREE (37-025206) 362444.39N/0760019.43W (8.92) LPV, LNAV/VNAV AND LNAV HAVE THE SAME INTERMEDIATE CONTROLLING OBSTACLE. VERTICAL AND HORIZONTAL AC APPLIED TO OBSTACLE #7 OBSTACLE #8 IS FROM STUDY 2008-ASO-4176-OE. USED 65 FOOT SHIP HEIGHT ON FINAL PER ATC. CRITICAL TEMPERATURES: CRITICAL LOW :-15C (+5F) CRITICAL HIGH :+49C (+120F) ACT :-15C APT ISA :+14.96C CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 954 HIGH TEMP 1114. ORDER 8260.3, CHAPTER 2, OLD CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.50NM CAT C: 1.70NM CAT D: 2.30NM NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS THE SAME KONX 17.90, KECG 10.6 RA = 27.17. NOTE: BARO-VNAV AND VDP NA WHEN USING ELIZABETH CITY ALTIMETER SETTING. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELIZABETH CITY ALTIMETER SETTING AND INCREASE LPV DA TO 412 FEET, LNAV/VNAV DA TO 452 FEET, AND ALL MDA 40 FEET.																
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE															3. ALTIMETER SETTING						
RDU FSS NTU APP CON							N W S		OTHER: AWOS-3											SOURCE: KONX / KECG						
							F A A													DISTANCE: 0 / 11.40						
							A / C													HOURS REMOTE OPERATION: 0/YES / 24/YES						
SATISFACTORY ON:					LOCATION: KONX															ADJUSTMENT: 0 / 28						
X		V H F		X		U H F														H F						
4. MONITOR STATUS		PRIMARY NAVAID:																								
		MONITOR POINT:																								
		HRS OPTN:		CAT 1																						
				CAT 3																						
5. APPROACH & RUNWAY LIGHTING				ALS																						
				(S) SALS																						
				MALS																						
				HIRL																						
		X		MIRL 05 (PCL), 23 (PCL)																						
		X		REIL 05 (PCL), 23 (PCL)																						
				TDZ																						
				C/LINE																						
		X		OTHER (SPECIFY) PAPI-2L 05 (PCL), 23																						
6. RUNWAY MARKINGS			BASIC																							
			ALL WEATHER																							
			INSTRUMENT NPI-G 05, 23																							
7. RUNWAY VISUAL RANGE			APPROACH																							
			MIDFIELD																							
			ROLL OUT																							
8. GLIDE PATH			GP ANGLE: 3.00										ELEV RWY THRESHOLD: 14.4													
			DISTANCE FROM RWY:										ELEV GP ANTENNA:													
													THRESHOLD CROSSING HEIGHT: 40.5													
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD															FT. FROM THRESHOLD					
				X		ON CENTERLINE															FT. FROM CENTERLINE					
10. WAIVERS: NONE																										
PART D - PREPARED BY: DAVID TEFFETELLER (JAMES LAFFERTY)															DATE: 01/05/2018											
TITLE: AERONAUTICAL INFORMATION SPECIALIST															OFFICE: AJV-5433											

