

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		LNAV: UXUXY							
OCSIP		ZINEP (TF) (FO) (RNP 2.00)		141.90 / 30.91			2200		CLIMBING LEFT TURN TO 3000 DIRECT OCSIP AND HOLD.							
RBX VOR/DME		ZINEP (TF) (FO) (RNP 2.00)		142.06 / 11.10			2200									
ZOLMN (IAF)		ZINEP (NOPT) (TF) (FB) (RNP 1.00)		338.99 / 10.86			2200		ADDITIONAL FLIGHT DATA: HOLD SE, RT, 318.00 INBOUND. FAS OBST: 230 AAO 355915N/0753942W CHART CIRCLING ICON. OYUDI TO RW03: 3.00/40. FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 25.00 DEGREES.							
ZINEP (IF/IAF)		OYUDI (TF) (FB) (RNP 1.00)		331.08 / 10.10			1700									
OYUDI (FAF)		UXUXY (MAP) (TF) (FO) (RNP 0.30)		000.95 / 4.73												
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																
2. HOLD SE ZINEP, RT, 330.00 INBOUND, 2200 FT. IN LIEU OF PT (IAF)																
3. FAC: 000.95 FAF: OYUDI DIST FAF TO MAP: 4.73 THLD: 5.18																
4. MIN. ALT: ZINEP 2200, OYUDI 1700																
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: RW03 2100																
MAG VAR: 11W EPOCH YEAR: 2020																
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
LNAV MDA		480	1	468	480	1	468		NA			NA				
CIRCLING		520	1	508	540	1	528		NA			NA				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.																
CITY AND STATE KILL DEVIL HILLS, NC		ELEVATION: 12 TDZE: 12 AIRPORT NAME: FIRST FLIGHT			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG					SUP: AMDT: NONE DATED				

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE CONCURRENT	
COORDINATED WITH:					
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input checked="" type="checkbox"/>	NBAA <input checked="" type="checkbox"/>
OTHER (specify)				<input checked="" type="checkbox"/> AMGR, ZDC, NKT APP CON	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME: <i>Digitally signed by</i> RODNEY L RUMSEY RODNEY L. RUMSEY				FIFO AJV-5432	DATE: 09/20/2016
Dec 07, 2016				APPROVED BY	
NAME: LONNIE EVERHART				FIFO AJV-5430	DATE:
CHANGES:					
1. ORIGINAL PROCEDURE.					
REASONS:					
1. BY REQUEST VIA CHECKLIST FROM ATL FPT.					
EFFECTIVE CONCURRENT WITH AIRSPACE DOCKET 16-ASO-5					



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
UXUXY (MAP)	412 MSL	000.95	
412 MSL	OCSIP (DF) (FO) (RNP 1.00)		3000

CITY AND STATE
KILL DEVIL HILLS, NC

ELEVATION: 12 TDZE: 12
AIRPORT NAME:
FIRST FLIGHT

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 3, ORIG

SUP:
AMDT: NONE
DATED:

QUALITY
22
CHECKED

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:					

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		OCSIP		ZINEP		1. TOWER (37-022450)		355154.20N/0753858.40W		532 (4D)	1000	AT668	2200						
						2. TERRAIN		354624.00N/0753154.00W		10 (0)		AS1500	1500						
FEEDER		RBX VOR/DME		ZINEP		1. TOWER (37-022450)		355154.20N/0753858.40W		532 (4D)	1000	AT668	2200						
						2. TERRAIN		354624.00N/0753154.00W		10 (0)		AS1500	1500						
INITIAL		ZOLMN		ZINEP		3. TOWER (37-020097)		354745.25N/0753301.39W		268 (4D)	1000	AT932	2200						
						4. TERRAIN		354227.00N/0752921.00W		17 (0)		AS1500	1500						
INTERMEDIATE: LNAV		ZINEP (IF/IAF)		OYUDI		5. TOWER (37-001966)		355049.00N/0753718.00W		505 (2C)	500	AT695	1700						
						6. TERRAIN		355542.00N/0753630.00W		10 (0)		AS1500	1500						
FINAL: LNAV		OYUDI		UXUXY		7. AAO		355915.00N/0753942.00W		230	250		480						
2. HOLD-IN-LIEU-OF-PT		ZINEP		P-5		8. TOWER (37-000575)		355010.79N/0753415.09W		497 (5D)	1000	AT703	2200						
						9. TERRAIN		354227.00N/0752921.00W		17 (0)		AS1500	1500						
3. MISSED APPROACH	MAP:	UXUXY		OCSIP							ASC		3000						
	ELEV:					10. AAO		360018.00N/0754227.00W		236 (4C)	1000		1300						
		380				11. TERRAIN		360018.00N/0754227.00W		36 (0)		AS1500	1500						
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	508	12. ANT (KFFAT002394)	360144.84N/0754021.78W		203 (1A)	300		520					
CATEGORY B		1.5 NM			450		528	13. AAO	360018.00N/0754227.00W		236 (4C)	300		540					
CATEGORY C		1.7 NM			450														
CATEGORY D		2.3 NM			550														
CATEGORY E		4.5 NM			550														
5. MINIMUM SAFE ALTITUDES													PRIMARY NAVAID: RW03						
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A	
360-360		TWR (37-002813)		304/10.4		1049 (2C)		2100											
CITY AND STATE				ELEVATION: 12				FACILITY		PROCEDURE AND AMENDMENT NO:				REGION					
KILL DEVIL HILLS, NC				AIRPORT NAME: FIRST FLIGHT				RNAV		RNAV (GPS) RWY 3, ORIG				ASO					

QUALITY
22
CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:																								
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					VDP NOT ESTABLISHED - OBSTACLES PENETRATE VDP SURFACE.																			
NKT APP CON ZDC ARTCC ECG FSS							N W S		OTHER: AWOS-3			SOURCE:KFFA / KMQI					PRECIPITOUS TERRAIN EVALUATION COMPLETED.																	
							F A A					DISTANCE: 0 / 6.02																						
							A / C					HOURS REMOTE OPERATION: 0/YES / 24/YES																						
SATISFACTORY ON:										LOCATION: KFFA					ADJUSTMENT: 0 / 14					ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS: 20:1 RW03 79 TREE (KFFAT000394) 360046.10N/0754020.84W (64.77) 76 TREE (KFFAT000417) 360046.55N/0754020.69W (64.13) 85 TREE (KFFAT000317) 360044.55N/0754020.25W (63.83) 81 TREE (KFFAT000358) 360045.39N/0754020.59W (63.57) 83 TREE (KFFAT000333) 360044.84N/0754021.25W (62.19) 78 TREE (KFFAT000374) 360045.66N/0754021.21W (61.23) 93 TREE (KFFAT000279) 360043.83N/0754027.29W (60.85) 89 TREE (KFFAT000313) 360044.43N/0754026.60W (60.51) 84 TREE (KFFAT000346) 360045.08N/0754026.64W (58.65) 78 TREE (KFFAT000336) 360044.91N/0754021.66W (57.09) 79 TREE (KFFAT000309) 360044.32N/0754020.55W (56.39) 81 TREE (KFFAT000290) 360044.04N/0754021.17W (56.36) 82 TREE (KFFAT000260) 360043.44N/0754020.08W (55.59) 81 TREE (KFFAT000341) 360044.95N/0754026.30W (55.37) 69 TREE (KFFAT000408) 360046.33N/0754021.44W (55.26) 82 TREE (KFFAT000254) 360043.33N/0754020.71W (54.38) 73 TREE (KFFAT000357) 360045.36N/0754021.60W (54.35) 79 TREE (KFFAT000281) 360043.84N/0754020.46W (54.14) 77 TREE (KFFAT000310) 360044.35N/0754021.78W (53.23) 80 TREE (KFFAT000256) 360043.36N/0754021.35W (51.85) 77 TREE (KFFAT000234) 360042.97N/0754020.32W (48.04) 84 TREE (KFFAT000239) 360043.05N/0754027.65W (47.66) 78 TREE (KFFAT000288) 360044.03N/0754026.58W (47.58) 77 TREE (KFFAT000214) 360042.47N/0754019.81W (46.13) 69 TREE (KFFAT000273) 360043.69N/0754021.93W (41.85) 70 TREE (KFFAT000192) 360042.14N/0754019.74W (37.59) 60 TREE (KFFAT000347) 360045.09N/0754025.82W (35.57) 69 TREE (KFFAT000249) 360043.25N/0754026.97W (34.36) 70 TREE (KFFAT000170) 360041.70N/0754021.83W (33.23) 71 TREE (KFFAT000152) 360041.36N/0754021.69W (32.72) 67 TREE (KFFAT000187) 360042.03N/0754021.88W (31.79) 76 TREE (KFFAT000157) 360041.44N/0754027.72W (31.72) 79 TREE (KFFAT000125) 360040.84N/0754027.87W (31.63) 81 TREE (KFFAT000098) 360040.26N/0754028.71W (29.91) 62 TREE (KFFAT000215) 360042.56N/0754022.13W (29.11) 67 TREE (KFFAT000142) 360041.15N/0754021.12W (28.30) 75 TREE (KFFAT000134) 360041.01N/0754028.14W (28.18) 67 TREE (KFFAT000116) 360040.68N/0754019.37W (27.85) 68 TREE (KFFAT000133) 360040.98N/0754021.85W (27.69) 64 TREE (KFFAT000129) 360040.94N/0754020.44W (24.99) 60 TREE (KFFAT000179) 360041.89N/0754021.06W (24.98) 62 TREE (KFFAT000141) 360041.15N/0754019.56W (24.95) 58 TREE (KFFAT000261) 360043.45N/0754026.67W (24.65) 61 TREE (KFFAT000154) 360041.41N/0754021.34W (23.33) 87 TREE (KFFAT000038) 360037.92N/0754030.12W (22.98) 62 TREE (KFFAT000119) 360040.72N/0754021.24W (21.07) 68 TREE (KFFAT000065) 360039.19N/0754019.91W (21.00) 61 TREE (KFFAT000112) 360040.54N/0754020.18W (20.31) 64 TREE (KFFAT000078) 360039.59N/0754019.15W (19.76) 55 TREE (KFFAT000164) 360041.57N/0754020.93W (18.55) 67 TREE (KFFAT000051) 360038.70N/0754019.27W (18.29) 72 TREE (KFFAT000037) 360037.90N/0754020.34W (18.25) 72 TREE (KFFAT000033) 360037.78N/0754020.07W (17.95) 50 TREE (KFFAT000206) 360042.37N/0754020.51W (17.90) 67 TREE (KFFAT000056) 360038.83N/0754020.52W (17.60) 59 TREE (KFFAT000107) 360040.45N/0754020.82W (17.20) 53 TREE (KFFAT000161) 360041.49N/0754020.02W (17.12) 65 TREE (KFFAT000058) 360038.93N/0754019.63W (17.03) 66 TREE (KFFAT000047) 360038.45N/0754019.85W (15.45) 49 TREE (KFFAT000184) 360041.95N/0754020.65W (14.70) CONT.														
X					V H F		X		U H F				H F																					
4. MONITOR STATUS					PRIMARY NAVAID:																													
					MONITOR POINT:																													
					HRS OPTN:		CAT 1																											
5. APPROACH & RUNWAY LIGHTING										ALS																								
										(S) SALS																								
										MALS																								
										HIRL																								
										MIRL																								
										REIL																								
										TDZ																								
										C/LINE																								
										OTHER (SPECIFY)																								
6. RUNWAY MARKINGS					BASIC																													
					ALL WEATHER																													
					INSTRUMENT					NPI-F 03, 21																								
7. RUNWAY VISUAL RANGE					APPROACH																													
					MIDFIELD																													
					ROLL OUT																													
8. GLIDE PATH					GP ANGLE:					ELEV RWY THRESHOLD:																								
					DISTANCE FROM RWY:					ELEV GP ANTENNA:																								
										THRESHOLD CROSSING HEIGHT:																								
9. FINAL APPROACH COURSE AIMING							RUNWAY THRESHOLD					3000					FT. FROM THRESHOLD																	
					X		ON CENTERLINE										FT. FROM CENTERLINE																	
10. WAIVERS: NONE																																		
PART D - PREPARED BY: RODNEY L. RUMSEY															DATE: 09/20/2016																			
TITLE: AERONAUTICAL INFORMATION SPECIALIST															OFFICE: AJV-5432																			



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.								
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL						
CATEGORY B	1.5 NM		450							
CATEGORY C	1.7 NM		450							
CATEGORY D	2.3 NM		550							
CATEGORY E	4.5 NM		550							

5. MINIMUM SAFE ALTITUDES				PRIMARY NAVAID:					
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
CITY AND STATE KILL DEVIL HILLS, NC		ELEVATION: 12 AIRPORT NAME: FIRST FLIGHT		FACILITY RNAV			PROCEDURE AND AMENDMENT NO: RNAV (GPS) RWY 3, ORIG		REGION ASO

PART B - SUPPLEMENTAL DATA										
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING			
SATISFACTORY ON:				N W S		OTHER:		SOURCE:		
								DISTANCE:		
				F A A		HOURS REMOTE OPERATION:				
								A / C		
V H F		U H F		H F		LOCATION:		ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:								
		MONITOR POINT:								
		HRS OPTN:		CAT 1						
				CAT 3						
5. APPROACH & RUNWAY LIGHTING		ALS								
		(S) SALS								
		MALS								
		HIRL								
		MIRL								
		REIL								
		TDZ								
		C/LINE								
		OTHER (SPECIFY)								
6. RUNWAY MARKINGS		BASIC								
		ALL WEATHER								
		INSTRUMENT								
7. RUNWAY VISUAL RANGE		APPROACH								
		MIDFIELD								
		ROLL OUT								
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:				
		DISTANCE FROM RWY:				ELEV GP ANTENNA:				
						THRESHOLD CROSSING HEIGHT:				
9. FINAL APPROACH COURSE AIMING					RUNWAY THRESHOLD				FT. FROM THRESHOLD	
					ON CENTERLINE				FT. FROM CENTERLINE	
10. WAIVERS:										
PART D - PREPARED BY:						DATE:				
TITLE:						OFFICE:				

PART C - REMARKS:	
CONTINUED.	
48 TREE (KFFAT000202) 360042.31N/0754021.50W (14.56)	
53 TREE (KFFAT000151) 360041.31N/0754022.28W (13.85)	
57 TREE (KFFAT000103) 360040.39N/0754022.11W (13.54)	
88 TREE (KFFAT000017) 360035.91N/0754031.24W (12.98)	
55 TREE (KFFAT000118) 360040.71N/0754022.40W (12.79)	
67 TREE (KFFAT000034) 360037.78N/0754020.72W (12.26)	
87 TREE (KFFAT000014) 360035.77N/0754030.59W (11.98)	
67 TREE (KFFAT000026) 360037.45N/0754019.50W (11.94)	
86 TREE (KFFAT000015) 360035.81N/0754030.29W (11.50)	
88 TREE (KFFAT000012) 360035.23N/0754029.90W (11.08)	
61 TREE (KFFAT000054) 360038.80N/0754020.94W (11.01)	
59 TREE (KFFAT000070) 360039.33N/0754022.59W (9.85)	
66 TREE (KFFAT000023) 360037.07N/0754019.23W (9.37)	
60 TREE (KFFAT000061) 360038.99N/0754022.93W (8.83)	
61 TREE (KFFAT000036) 360037.86N/0754019.00W (8.47)	
56 TREE (KFFAT000081) 360039.70N/0754022.79W (8.44)	
87 TREE (KFFAT000011) 360034.80N/0754030.32W (7.53)	
63 TREE (KFFAT000041) 360038.07N/0754022.94W (7.32)	
42 TREE (KFFAT000194) 360042.17N/0754022.37W (6.96)	
49 TREE (KFFAT000092) 360040.04N/0754019.47W (6.62)	
31 TREE (KFFAT000337) 360044.91N/0754025.59W (5.93)	
58 TREE (KFFAT000045) 360038.42N/0754022.77W (4.21)	
49 TREE (KFFAT000085) 360039.78N/0754020.77W (3.98)	
63 TREE (KFFAT000021) 360036.36N/0754018.49W (3.68)	
46 TREE (KFFAT000097) 360040.17N/0754020.21W (3.47)	
48 TREE (KFFAT000084) 360039.75N/0754020.29W (3.34)	
51 TREE (KFFAT000066) 360039.24N/0754021.13W (2.96)	
49 TREE (KFFAT000087) 360039.80N/0754022.20W (2.56)	
58 TREE (KFFAT000030) 360037.76N/0754021.44W (2.40)	
63 TREE (KFFAT000018) 360036.02N/0754018.65W (1.85)	
59 TREE (KFFAT000035) 360037.80N/0754023.27W (1.65)	
64 TREE (KFFAT000019) 360036.30N/0754021.65W (1.04)	
67 TREE (KFFAT000016) 360035.83N/0754022.38W (0.97)	
34:1	
155 POLE (KFFAT000005) 360003.98N/0754013.93W (25.13)	
82 POLE (KFFAT000009) 360032.69N/0754030.15W (24.52)	
110 ANT (KFFAT000008) 360020.56N/0754025.78W (20.39)	
57 TREE (KFFAT000027) 360037.64N/0754022.87W (18.28)	
57 TREE (KFFAT000025) 360037.23N/0754021.27W (18.10)	
90 TREE (KFFAT000007) 360020.04N/0754020.83W (1.98)	
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.	
CAT A: 1.30NM	
CAT B: 1.81NM	
SEE ATTACHED AIRSPACE LETTER.	
CONTINGENCY ALTIMETER	
RASS PRESSURE PATTERNS SAME	
KFFA 11.9 MSL, KMQI 13 MSL	
RA = 13.98FT	
CAT A/B ONLY MINIMUMS PUBLISHED BY FPT CHECKLIST, DUE TO RUNWAY SURFACE AVAILABILITY (3000FT).	
QUALITY 22 CHECKED	