

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: RW04
CLT VOR/DME	PENNE (FO)	180.49 / 28.51	2500	CLIMBING RIGHT TURN TO 2500 DIRECT PENNE AND HOLD.
CTF VOR/DME	PENNE (FO)	284.72 / 30.52	2500	
RICHE (IAF)	PENNE (NOPT) (FB)	084.43 / 5.24	2500	
PENNE (IF/IAF)	WIXXU (FB)	044.90 / 6.02	2200	
WIXXU (FAF)	RW04 (MAP) (FO)	044.94 / 4.83	2500	ADDITIONAL FLIGHT DATA: HOLD SW, RT, 044.90 INBOUND. CHART FAS OBST: 739 TREE 345013N/0804549W CHART 980 TOWER 344806N/0804750W. WIXXU TO RW04: 3.04/40. CHART MONROE ASOS.
RW04 (MAP)	1002 MSL	044.94		
1002 MSL	PENNE (FO)			

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW PENNE, RT, 044.90 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
- FAC: 044.94 FAF: WIXXU DIST FAF TO MAP: 4.83 THLD: 4.83
- MIN. ALT: PENNE 2500, WIXXU 2200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM: RW04 3100

MAG VAR: 7W

EPOCH YEAR: 2000

MINIMUMS

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
LNAV MDA	1040	1	438	1040	1	438		NA			NA				
CIRCLING	1160	1	558	1220	1	618		NA			NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CTF VOR/DME AIRWAY RADIALS 243 CW 013.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RICHE ON V66 AND T202 SOUTHWEST BOUND, AND T200 NORTHWEST BOUND.

(SEE FORM 8260-10)

CITY AND STATE WAXHAW, NC	ELEVATION: 602 TDZE: 602 AIRPORT NAME: JAARS-TOWNSEND	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, ORIG-A 18 SEPTEMBER 2014	SUP:
				AMDT: ORIG
				DATED 03/12/2009

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NOTES, (CONT.):

CHART NOTE: USE MONROE ALTIMETER SETTING, WHEN NOT RECEIVED USE ROCK HILL ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.

CHART NOTE: PROCEDURE NA AT NIGHT.

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

CITY AND STATE

WAXHAW, NC

ELEVATION: 602

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AIRPORT NAME:

JAARS-TOWNSEND

FACILITY
IDENTIFIER:
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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP N52 K7FR04	ACLT	010CLT	K7D	OV	IF					18000		B	JS
SUSAP N52 K7FR04	ACLT	020PENNEK7EA0EY	020TF			18050285	+	02500				B	JS
SUSAP N52 K7FR04	ACLT	030PENNEK7EA0EE	AR	HF		04490040	+	02500				B	JS
SUSAP N52 K7FR04	ACTF	010CTF	LID	OV	IF					18000		B	JS
SUSAP N52 K7FR04	ACTF	020PENNEK7EA0EY	020TF			28470305	+	02500				B	JS
SUSAP N52 K7FR04	ACTF	030PENNEK7EA0EE	AR	HF		04490040	+	02500				B	JS
SUSAP N52 K7FR04	ARICHE	010RICHEK7EA0E	A	IF						18000		B	JS
SUSAP N52 K7FR04	ARICHE	020PENNEK7EA0EE	B	010TF		08440052	+	02500				B	JS
SUSAP N52 K7FR04	R	010PENNEK7EA0E	I	IF			+	02500		18000		B	JS
SUSAP N52 K7FR04	R	020WIXXUK7EA1E	F	051TF		04490060	+	02200			RW04	K7PGB	JS
SUSAP N52 K7FR04	R	020WIXXUK7EA2WN			N	ALNAV							JS
SUSAP N52 K7FR04	R	030RW04	K7PG0GY	M	031TF	04490048		00642		-304		B	JS
SUSAP N52 K7FR04	R	040	0	M	CA	0449	+	01002				B	JS
SUSAP N52 K7FR04	R	050PENNEK7EA0EY	R	DF			+	02500				B	JS
SUSAP N52 K7FR04	R	060PENNEK7EA0EE	R	HM		04490040	+	02500				B	JS

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

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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SUSAP N52 K7SRW04 K7PG

0 18018003125

M

CITY AND STATE
WAXHAW, NC

ELEVATION: 602 TDZE: 602
AIRPORT NAME:
JAARS-TOWNSEND

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 4, ORIG-A
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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
	CLT	CLT	010		IF		FB					
	CLT	PENNE	020		TF		FO	2.0	180.5 (173.5T)	028.5	AA 02500	
	CLT	PENNE	030	IAF	HF	R	FO		044.9 (037.9T)	004.0	AA 02500	
	CTF	CTF	010		IF		FB					
	CTF	PENNE	020		TF		FO	2.0	284.7 (277.7T)	030.5	AA 02500	
	CTF	PENNE	030	IAF	HF	R	FO		044.9 (037.9T)	004.0	AA 02500	
	RICHE	RICHE	010	IAF	IF		FB					
	RICHE	PENNE	020		TF		FB	1.0	084.4 (077.4T)	005.2	AA 02500	
		PENNE	010	FACF	IF		FB				AA 02500	
		WIXXU	020	FAF	TF		FB	0.5	044.9 (037.9T)	006.0	AA 02200	
		RW04	030	MAP	TF		FO	0.3	044.9 (037.9T)	004.8	AT 00642	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		044.9 (037.9T)		AA 01002	
	PENNE	050		DF	R	FO				AA 02500	
	PENNE	060		HM	R	FO		044.9 (037.9T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CTF	N372752.00	E0150344.20	N3727.867	E01503.737
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	PENNE	N344302.61	W0805310.94	N3443.044	W08053.182
	RICHE	N344154.17	W0805923.38	N3441.903	W08059.390
	WIXXU	N344748.11	W0804841.40	N3447.802	W08048.690
	RW04	N345136.86	W0804504.96	N3451.614	W08045.083

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW04	00602		40

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