

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LNAV: RW05 LP: RW05					
YUNUC (IAF)		ZONLU (NOPT) (FB)		142.99 / 8.00				3500		CLIMBING LEFT TURN TO 3500 DIRECT ZONLU AND HOLD.					
WOTLI (IAF)		ZONLU (NOPT) (FB)		323.11 / 8.00				3500							
ZONLU (IF/IAF)		WIVDI (FB)		053.05 / 7.93				1900							
WIVDI (FAF)		RW05 (MAP) (FO)		053.12 / 4.04											
RW05 (MAP)		1000 MSL		053.12						ADDITIONAL FLIGHT DATA: CHART FAS OBST: 724 TREE 344039N/0813830W CHART FAS OBST: 679 TREE 344047N/0813902W WAAS CHANNEL # 97335 REFERENCE PATH ID: W05A CHART CIRCLING ICON LTP HAE: 143.9 M					
1000 MSL		ZONLU (FO)						3500							

1. PT. SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD SW ZONLU, RT, 053.05 INBOUND, 3500 FT. IN LIEU OF PT (IAF)

3. FAC: 053.12 FAF: WIVDI DIST FAF TO MAP: 4.04 THLD: 4.04

4. MIN. ALT: ZONLU 3500, WIVDI 1900

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:

MAG VAR: 6W 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
LP MDA	1000	1	427	1000	1	427		NA			NA				
LNAV MDA	1040	1	467	1040	1	467		NA			NA				
CIRCLING	1180	1	570	1180	1	570		NA			NA				

NOTES:

CHART NOTE: USE LAURENS ALTIMETER SETTING; WHEN NOT RECEIVED, USE GREER ALTIMETER SETTING AND INCREASE ALL MDA 60 FT.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: PROCEDURE NA AT NIGHT.

(SEE FORM 8260-10)

CITY AND STATE		ELEVATION: 610 THRE: 573		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:	
UNION, SC		AIRPORT NAME:				RNAV (GPS) RWY 5, ORIG-A		AMDT: ORIG	
		UNION COUNTY, TROY SHELTON FIELD				17 OCTOBER 2013		DATED 08/22/2013	

QUALITY 4

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

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NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: DESCENT ANGLE NA.

TAA

	FROM	TO	ALT
1.	323/30 CW 143/30 (NOPT)	ZONLU (IAF) (FB)	3500
2.	143/30 CW 233/30	YUNUC (IAF) (FB)	3500
3.	233/30 CW 323/30	WOTLI (IAF) (FB)	3500

CITY AND STATE
UNION, SC

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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD**

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
35A
RW05
0
0
W05A
344101.2300N
0813843.6000W
+01439
344201.9205N
0813724.3760W
00000.0
F
00.00
106.75
1680
40.0
0.0

CRC REMAINDER

8945CD8D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K7
+01748
+01748

QUALITY
4
CHECKED

CITY AND STATE
UNION, SC

ELEVATION: 610 THRE: 573
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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 35A K7FR05	AWOTLI	010WOTLIK7EA0E	A	IF						18000		A JS	
SUSAP 35A K7FR05	AWOTLI	020ZONLUK7EA0EE	B	010TF			32310080	+	03500			A JS	
SUSAP 35A K7FR05	AYUNUC	010YUNUCK7EA0E	A	IF						18000		A JS	
SUSAP 35A K7FR05	AYUNUC	020ZONLUK7EA0EE	B	010TF			14300080	+	03500			A JS	
SUSAP 35A K7FR05	AZONLU	010ZONLUK7EA0EE	AR	HF			05310040	+	03500	18000		A JS	
SUSAP 35A K7FR05	R	010ZONLUK7EA0E	I	IF				+	03500	18000		A JS	
SUSAP 35A K7FR05	R	020WIVDIK7EA1E	F	051TF			05310079	+	01900			A JS	
SUSAP 35A K7FR05	R	020WIVDIK7EA2WALP			N	ALNAV						JS	
SUSAP 35A K7FR05	R	030RW05 K7PG0GY	M	031TF			05310040		01040	000		A JS	
SUSAP 35A K7FR05	R	040	O	M	CA		0471	+	01000			A JS	
SUSAP 35A K7FR05	R	050ZONLUK7EA0EY	L	DF				+	03500			A JS	
SUSAP 35A K7FR05	R	060ZONLUK7EA0EE	R	HM			05310040	+	03500			A JS	

[illegible][illegible]

QUALITY
4
CHECKER

SUP:	
AMDT:	ORIG
DATED:	08/22/2013

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
	WOTLI	WOTLI	010	IAF	IF		FB					
	WOTLI	ZONLU	020		TF		FB	1.0	323.1 (317.1T)	008.0	AA 03500	
	YUNUC	YUNUC	010	IAF	IF		FB					
	YUNUC	ZONLU	020		TF		FB	1.0	143.0 (137.0T)	008.0	AA 03500	
	ZONLU	ZONLU	010	IAF	HF	R	FO		053.1 (047.1T)	004.0	AA 03500	
		ZONLU	010	FACF	IF		FB				AA 03500	
		WIVDI	020	FAF	TF		FB	0.5	053.1 (047.1T)	007.9	AA 01900	
		RW05	030	MAP	TF		FO	0.3	053.1 (047.1T)	004.0	AT 01040	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		047.1 (041.1T)		AA 01000	
	ZONLU	050		DF	L	FO				AA 03500	
	ZONLU	060		HM	R	FO		053.1 (047.1T)	004.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	WIVDI	N343816.13	W0814218.86	N3438.269	W08142.314
	WOTLI	N342659.50	W0814245.43	N3426.992	W08142.757
	YUNUC	N343843.35	W0815557.32	N3438.723	W08155.955
	ZONLU	N343251.61	W0814920.91	N3432.860	W08149.349
	RW05	N344101.23	W0813843.60	N3441.021	W08138.727

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00573	00

QUALITY
4
CHECKED

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