

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: RW19 CLIMB TO 3000 DIRECT RIGYY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 006.20 INBOUND. CHART FAS OBST: 1310 TREE 345134N/0822012W DISTANCE TO THLD FROM 325 HAT: 0.77 NM. WAAS CHANNEL # 93837 REFERENCE PATH ID: W19A CHART CIRCLING ICON CHART IN PLANVIEW: KGYH CHART: ASR. LTP HAE: 288.2 M						
DOODD (IAF)		TIVIL (FB)		096.81 / 6.18			4000								
UNMAN (IAF)		TIVIL (FB)		275.20 / 5.61			4000								
TUXDO (IAF)		TIVIL (FB)		160.44 / 7.75			4000								
TIVIL (IF)		HIDBA (FB)		186.20 / 6.47			2400								
HIDBA (FAF)		RW19 (MAP) (FO)		186.20 / 3.53											
RW19 (MAP)		1373 MSL		186.20											
1373 MSL		RIGYY (FO)					3000								
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT TIVIL 3. FAC: <u>186.20</u> FAF: <u>HIDBA</u> DIST FAF TO MAP: <u>3.53</u> THLD: <u>3.53</u> 4. MIN. ALT: TIVIL 4000, HIDBA 2400 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>2400</u> GS ALT AT: <u>HIDBA 2400</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.50</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: RW19 6100															
										MAG VAR: 5W			EPOCH YEAR: 2000		
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	1373	1	325	1373	1	325	1373	1	325		NA				
LNAV/VNAV DA	1480	1 1/4	432	1480	1 1/4	432	1480	1 1/4	432		NA				
LNAV MDA	1560	1	512	1560	1	512	1560	1 3/8	512	1560	1 3/8	512			
CIRCLING	1620	1	572	1620	1	572	1780	2	732	1860	2 3/4	812			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -6C (22F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE AT UNMAN: MAX 210 KIAS. CHART PLANVIEW NOTE AT TIVIL: MAX 180 KIAS. (SEE FORM 8260-10)															
CITY AND STATE GREENVILLE, SC		ELEVATION: 1048 TDZE: 1048 AIRPORT NAME: GREENVILLE DOWNTOWN		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, AMDT 1 25 JUNE 2015				SUP:					
										AMDT: ORIG-B					
										DATED 03/06/2014					



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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT UNMAN ON V185 SOUTHBOUND.

CHART NOTE: NIGHT LANDING: RWY 19 NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREER ALTIMETER SETTING AND INCREASE

ALL DA 29 FEET AND ALL MDA 40 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE, INCREASE LNAV CATS C/D AND CIRCLING CAT C VISIBILITY 1/4 MILE.

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

QUALITY
16
CHECKED

CITY AND STATE
GREENVILLE, SC

ELEVATION: 1048 TDZE: 1048
AIRPORT NAME:
GREENVILLE DOWNTOWN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 19, AMDT 1
25 JUNE 2015

SUP:
AMDT: **ORIG-B**
DATED: **03/06/2014**

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGMU
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	345119.1440N
LTP/FTP LONGITUDE	0822053.5600W
LTP/FTP ELLIPSOIDAL HEIGHT	+02882
FPAP LATITUDE	344949.9175N
FPAP LONGITUDE	0822055.8255W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1112
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 62FC5CD2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03194
FPAP ORTHOMETRIC HEIGHT	+03194

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16
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CITY AND STATE GREENVILLE, SC	ELEVATION: 1048 AIRPORT NAME: GREENVILLE DOWNTOWN	TDZE: 1048 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, AMDT 1 25 JUNE 2015	SUP:
				AMDT: ORIG-B
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QUALITY
3 16
CHECKED

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<p align="center">U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</p> <p align="center"><u>RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE</u></p> <p align="center">FLIGHT STANDARDS SERVICES - FAR PART 97.33</p>	<p>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.</p>
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[illegible]

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	AIRPORT NAME: GREENVILLE DOWNTOWN			RNAV (GPS) RWY 19, AMDT 1	AMDT: ORIG-B
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - FAR PART 97.33												
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	DOODD	DOODD	010	IAF	IF		FB					
	DOODD	TIVIL	020		TF		FB	1.0	096.8 (091.8T)	006.2	AA 04000	AB 180
	TUXDO	TUXDO	010	IAF	IF		FB					
	TUXDO	TIVIL	020		TF		FB	1.0	160.4 (155.4T)	007.8	AA 04000	AB 180
	UNMAN	UNMAN	010	IAF	IF		FB					AB 210
	UNMAN	TIVIL	020		TF		FB	1.0	275.2 (270.2T)	005.6	AA 04000	AB 180
		TIVIL	010	FACF	IF		FB				AA 04000	AB 180
		HIDBA	020	FAF	TF		FB	0.5	186.2 (181.2T)	006.5	AA 02400	
		RW19	030	MAP	TF		FO	0.3	186.2 (181.2T)	003.5	AT 01088	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		186.2 (181.2T)		AA 01373	
		RIGYY	050		DF		FO				AA 03000	
		RIGYY	060		HM	R	FO		006.2 (001.2T)	004.0	AA 03000	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		DOODD	N350131.95		W0822809.69		N3501.533		W08228.162			
		HIDBA	N345451.25		W0822048.17		N3454.854		W08220.803			
		RIGYY	N344006.32		W0822110.63		N3440.105		W08221.177			
		TIVIL	N350119.99		W0822038.27		N3501.333		W08220.638			
		TUXDO	N350823.51		W0822433.52		N3508.392		W08224.559			
		UNMAN	N350119.02		W0821348.50		N3501.317		W08213.808			
		RW19	N345119.14		W0822053.56		N3451.319		W08220.893			
RUNWAY DATA			THRESHOLD									
		RWY	ELEVATION		TCH							
		RW19	01048		40							



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