

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	
IMUXY (IAF)	APTIF (NOPT) (FB)	258.18 / 6.00	2100	LPV: DA LNAV/VNAV: DA LNAV: RW17 CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2100 DIRECT IXTIN AND HOLD.
IXTIN (IAF)	APTIF (NOPT) (FB)	078.06 / 6.00	2100	
APTIF (IF/IAF)	KITHA (FB)	168.12 / 4.98	1600	
KITHA (FAF)	UTOYI/1.90 NM TO RW17 (FB)	168.11 / 3.12		ADDITIONAL FLIGHT DATA: HOLD W, RT, 078.06 INBOUND. CHART FAS OBST: 299 TREE 330052N/0811715W CHART 599 TOWER 330439N/0811743W CHART CIRCLING ICON. DISTANCE TO THLD FROM 316 HATH: 0.87 NM. CHART VDP AT 1.13 MILES TO RW17*
UTOYI/1.90 NM TO RW17	RW17 (MAP) (FO)	168.11 / 1.90		
RW17 (MAP)	1000 MSL	168.11	1000	
1000 MSL	IXTIN (FO)		2100	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N APTIF, RT, 168.12 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
- FAC: 168.11 FAF: KITHA DIST FAF TO MAP: 5.02 THLD: 5.02
- MIN. ALT: APTIF 2100, KITHA 1800, UTOYI/1.90 NM TO RW17 800'
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1800 GS ALT AT: KITHA 1800 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 38.7 34:1 IS NOT CLEAR
- MSA FROM:

*LNAV ONLY.
WAAS CHANNEL # 45733
REFERENCE PATH ID: W17A
LTP HAE: 18.3 M

MAG VAR: 6W 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	478	1 1/8	316	478	1 1/8	316		NA			NA				
LNAV/VNAV DA	562	1 3/8	400	562	1 3/8	400		NA			NA				
LNAV MDA	560	1	398	560	1	398		NA			NA				
CIRCLING	620	1	458	620	1	458		NA			NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING AUGUSTA RGNL AT BUSH FIELD ALTIMETER SETTING.
(SEE FORM 8260-10)

CITY AND STATE ALLENDALE, SC	ELEVATION: 162 THRE: 162 AIRPORT NAME: ALLENDALE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 17 OCTOBER 2013	SUP:
				AMDT: NONE
				DATED

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.

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUGUSTA RGNL AT BUSH FIELD ALTIMETER

SETTING AND INCREASE ALL DA 99 FEET AND ALL MDA 100 FEET, INCREASE LPV ALL CATS VISIBILITY 1/4

MILE, LNAV/VNAV ALL CATS 3/8 MILE.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

TAA

	FROM	TO	ALT
1.	078/30 CW 258/30 (NOPT)	078/10 CW 258/10	3000
2.	078/10 CW 258/10	APTIF (IF/IAF) (FB)	2100
3.	258/30 CW 348/30	IMUXY (IAF) (FB)	2100
4.	348/30 CW 078/30	IXTIN (IAF) (FB)	2100

CITY AND STATE

ALLENDALE, SC

ELEVATION: 162

THRE: 162

AIRPORT NAME:

ALLENDALE COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, ORIG

17 OCTOBER 2013

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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	KAQX
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	330005.9445N
LTP/FTP LONGITUDE	0811621.8585W
LTP/FTP ELLIPSOIDAL HEIGHT	+00183
FPAP LATITUDE	325840.9700N
FPAP LONGITUDE	0811549.3600W
THRESHOLD CROSSING HEIGHT (TCH)	00038.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 17F10CBA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00493
FPAP ORTHOMETRIC HEIGHT	+00493

CITY AND STATE

ALLENDALE, SC

ELEVATION: 162

THRE: 162

AIRPORT NAME:

ALLENDALE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, ORIG

17 OCTOBER 2013

SUP:

AMDT: NONE

DATED:

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.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KAQXK7FR17	AAPTIF	010APTIFK7EA0EE	AR	HF		16810040		+ 02100	18000			A JS
SUSAP	KAQXK7FR17	AIMUXY	010IMUXYK7EA0E	A	IF					18000			A JS
SUSAP	KAQXK7FR17	AIMUXY	020APTIFK7EA0EE	B	010TF		25820060		+ 02100				A JS
SUSAP	KAQXK7FR17	AXITIN	010IXTINK7EA0E	A	IF					18000			A JS
SUSAP	KAQXK7FR17	AXITIN	020APTIFK7EA0EE	B	010TF		07810060		+ 02100				A JS
SUSAP	KAQXK7FR17	R	010APTIFK7EA0E	I	IF				+ 02100	18000			A JS
SUSAP	KAQXK7FR17	R	020KIITHAK7EA1E	F	051TF		16810050		+ 01800				A JS
SUSAP	KAQXK7FR17	R	020KIITHAK7EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KAQXK7FR17	R	021UTOYIK7EA0E	S	031TF		16810031		V 0080300805		-300		A JS
SUSAP	KAQXK7FR17	R	030RW17	K7PGOGY	M 031TF		16810019		00201		-300		A JS
SUSAP	KAQXK7FR17	R	040	0	M CA		1681		+ 01000				A JS
SUSAP	KAQXK7FR17	R	050IXTINK7EA0EY	R	DF				+ 02100				A JS
SUSAP	KAQXK7FR17	R	060IXTINK7EA0EE	R	HM		07810040		+ 02100				A JS

[illegible][illegible]

CITY AND STATE ALLENDALE, SC	ELEVATION: 162 THRE: 162 AIRPORT NAME: ALLENDALE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 17 OCTOBER 2013	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	APTIF	APTIF	010	IAF	HF	R	FO		168.1 (162.1T)	004.0	AA 02100	
	IMUXY	IMUXY	010	IAF	IF		FB					
	IMUXY	APTIF	020		TF		FB	1.0	258.2 (252.2T)	006.0	AA 02100	
	IXTIN	IXTIN	010	IAF	IF		FB					
	IXTIN	APTIF	020		TF		FB	1.0	078.1 (072.1T)	006.0	AA 02100	
		APTIF	010	FACF	IF		FB				AA 02100	
		KITHA	020	FAF	TF		FB	0.5	168.1 (162.1T)	005.0	AA 01800	
		UTOYI	021	SDF	TF		FB	0.3	168.1 (162.1T)	003.1	AA 00800	GS 00805
		RW17	030	MAP	TF		FO	0.3	168.1 (162.1T)	001.9	AT 00201	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		168.1 (162.1T)		AA 01000	
	IXTIN	050		DF	R	FO				AA 02100	
	IXTIN	060		HM	R	FO		078.1 (072.1T)	004.0	AA 02100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APTIF	N330938.06	W0812001.05	N3309.634	W08120.018
	IMUXY	N331128.61	W0811312.79	N3311.477	W08113.213
	IXTIN	N330747.13	W0812649.02	N3307.786	W08126.817
	KITHA	N330453.33	W0811811.93	N3304.889	W08118.199
	UTOYI	N330154.65	W0811703.47	N3301.911	W08117.058
	RW17	N330005.94	W0811621.86	N3300.099	W08116.364

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00162	39

CITY AND STATE
ALLENDALE, SC

ELEVATION: **162** THRE: **162**
 AIRPORT NAME:
ALLENDALE COUNTY

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 17, ORIG
17 OCTOBER 2013

SUP:
 AMDT: **NONE**
 DATED: