

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: RW35 CLIMB TO 2000 DIRECT SUNOE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 164.26 INBOUND. CHART FAS OBST: 269 TREE 332613N/0805119W FAS OBST: 375 AAO 332345N/0804950W DISTANCE TO THLD FROM 250 HAT: 0.65 NM. CHART VDP AT 1.29 NM TO RW35* *LNAV ONLY. WAAS CHANNEL # 97418 REFERENCE PATH ID: W35A LTP HAE: 25.3 M					
ALD VOR		CUBAB (TF) (FB) (RNP 2.00)		060.83 / 24.03				2000							
VAN VORTAC		JASRI (TF) (FB) (RNP 2.00)		236.55 / 17.46				2000							
CUBAB (IAF)		CUGRA (NOPT) (TF) (FB) (RNP 1.00)		084.27 / 5.00				2000							
JASRI (IAF)		CUGRA (NOPT) (TF) (FB) (RNP 1.00)		264.37 / 5.00				2000							
CUGRA (IF/IAF) (SEE FORM 8260-10)		HIPTI (TF) (FB) (RNP 1.00)		354.32 / 6.13				1800							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S CUGRA, LT, 354.32 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 354.30 FAF: HIPTI DIST FAF TO MAP: 4.87 THLD: 4.87 4. MIN. ALT: CUGRA 2000, HIPTI 1800 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1800 GS ALT AT: HIPTI 1800 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 42.0 34:1 IS CLEAR 8. MSA FROM: RW35 2100										MAG VAR: 7W EPOCH YEAR: 2010					
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	436	3/4	250	436	3/4	250	436	3/4	250	436	3/4	250			
LNAV/VNAV DA	539	1 1/4	353	539	1 1/4	353	539	1 1/4	353	539	1 1/4	353			
LNAV MDA	640	3/4	454	640	3/4	454	640	1 1/4	454	640	1 1/2	454			
CIRCLING	720	1	525	800	1	605	800	1 3/4	605	900	2 1/4	705			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: BARO-VNAV AND VDP NA WHEN USING COLUMBIA METROPOLITAN ALTIMETER SETTING. (CONTINUED ON PAGE 2)															
CITY AND STATE ORANGEBURG, SC		ELEVATION: 195 TDZE: 186 AIRPORT NAME: ORANGEBURG MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1B 17 AUGUST 2017				SUP: AMDT: 1A DATED 06/23/2016			

QUALITY
 29
 CHECKED

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HIPTI (FAF)	RW35 (MAP) (TF) (FO) (RNP 0.30)	354.30 / 4.87	
RW35 (MAP)	436 MSL (CA)		
436 MSL	SUNOE (DF) (FO) (RNP 1.00)		2000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ALD VOR AIRWAY RADIALS 014 CW 097.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VAN VORTAC ON V3 NORTH BOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBIA METROPOLITAN ALTIMETER SETTING: INCREASE LPV DA TO 515 FEET, LNAV/VNAV DA TO 618 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET AND VISIBILITY CAT C AND CIRCLING CAT D 1/4 SM.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT A/B VISIBILITY TO 7/8 SM.

CHART NOTE: FOR INOPERATIVE ALS WHEN USING COLUMBIA METROPOLITAN ALTIMETER SETTING, INCREASE LPV CAT A/B VISIBILITY TO 1 1/8 SM, AND LNAV/VNAV CAT A/B TO 1 1/2 SM.

CHART NOTE: CIRCLING RWY 17 NA AT NIGHT.

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CITY AND STATE
ORANGEBURG, SC

ELEVATION: 195 TDZE: 186
AIRPORT NAME:
ORANGEBURG MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, AMDT 1B
17 AUGUST 2017

SUP:
AMDT: 1A
DATED: 06/23/2016

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOGB
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	332646.6900N
LTP/FTP LONGITUDE	0805128.3405W
LTP/FTP ELLIPSOIDAL HEIGHT	+00253
FPAP LATITUDE	332813.7700N
FPAP LONGITUDE	0805151.7700W
THRESHOLD CROSSING HEIGHT (TCH)	00042.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

945AAE35

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00567
FPAP ORTHOMETRIC HEIGHT	+00567

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					AMDT: 1A
					DATED: 06/23/2016