

APP CRS
174°

Rwy Idg
TDZE
Apt Elev

5399
181
195

RNAV (GPS) RWY 17

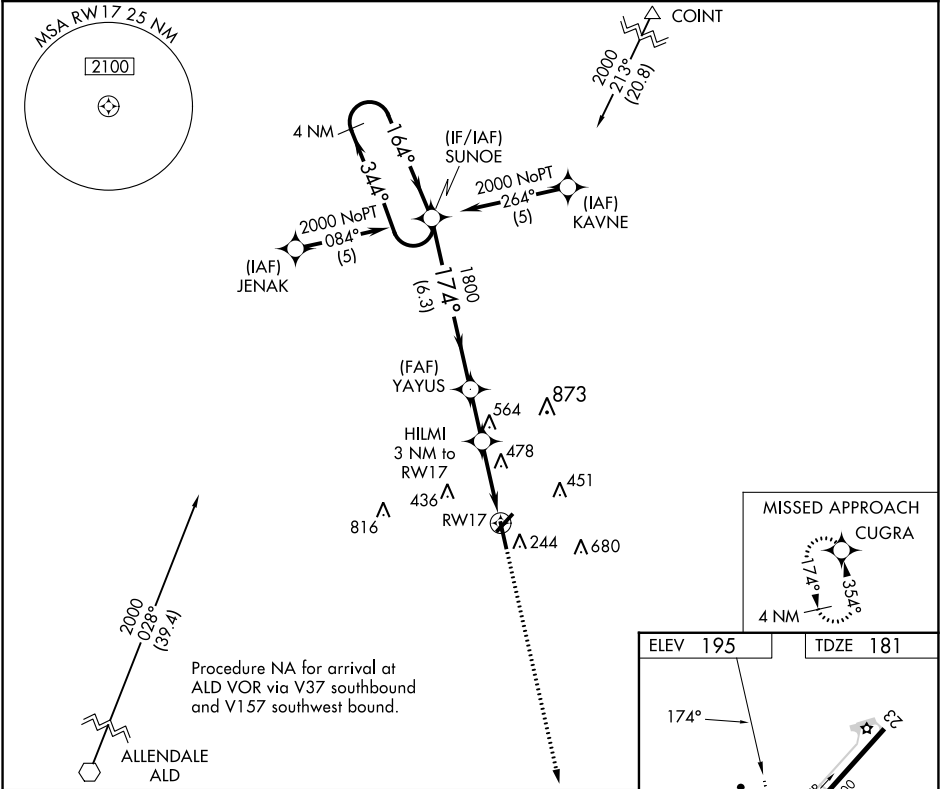
ORANGEBURG MUNI (OGB)

RNP APCH-GPS.

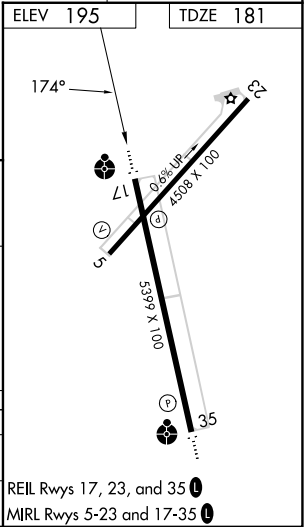
When local altimeter setting not received, use Columbia Metro altimeter setting and increase all MDAs 80 feet and visibility Cat C/D ¼ SM, and Circling visibility Cat C/D ¼ SM. VDP NA when using Columbia Metro altimeter setting. Straight-in minimums NA at night, Circling Rwy 17 NA at night. Rwy 17 helicopter visibility reduction below 1 SM NA.

ODALS
MISSED APPROACH:
Climb to 2000 direct CUGRA and hold.

ASOS 118.525	COLUMBIA APP CON 124.15 338.2	GCO 125.675	UNICOM 122.7 (CTAF) 0
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4 NM Holding Pattern				
SUNOE				
YAYUS				
HILMI 3 NM to RW17				
1.8 NM to RW17				
3.04° 1180 TCH 42				
6.3 NM 1.9 NM 1.2 NM 1.8				
CATEGORY	A	B	C	D
LNNAV MDA	780-¾ 599 (600-¾)	780-1½ 599 (600-1½)	780-1½ 599 (600-1½)	780-1½ 599 (600-1½)
CIRCLING	780-1 585 (600-1)	800-1 605 (700-1)	1040-2½ 845 (900-2½)	1040-2¾ 845 (900-2¾)

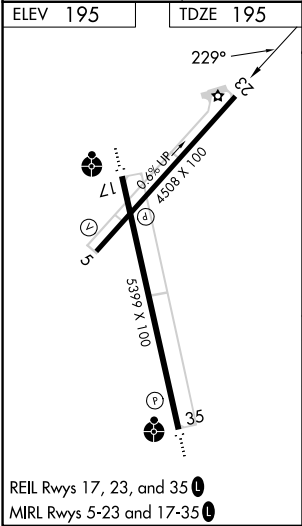
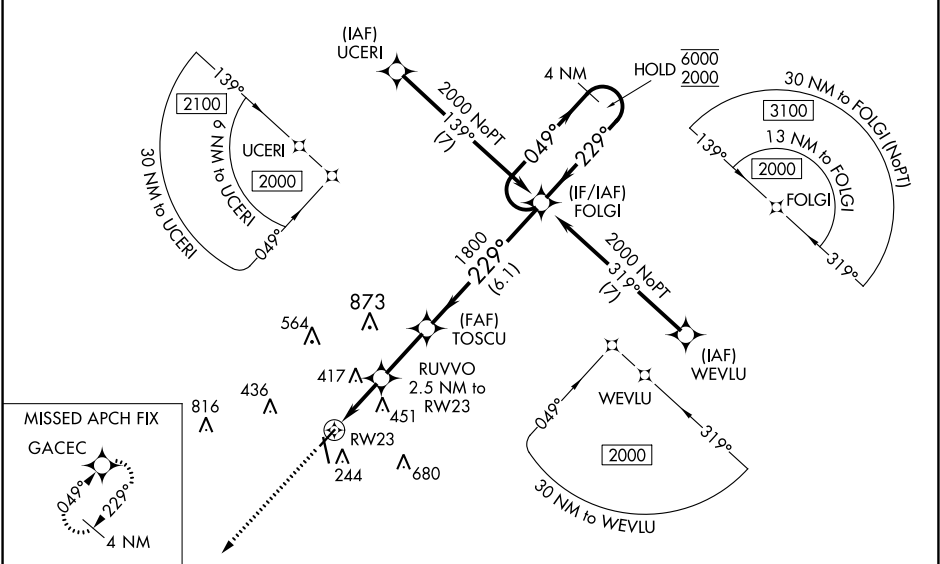


WAAS CH 99318	APP CRS 229°	Rwy Idg 4508 TDZE 195 Apt Elev 195
W23A		

RNAV (GPS) RWY 23

ORANGEBURG MUNI (OGB)

RNP APCH-GPS. Circling Rwy 17 NA at night. Baro-VNAV and VDP NA when using Columbia Metro altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -4°C or above 54°C. When local altimeter setting not received, use Columbia Metro altimeter setting: increase LPV DA to 538 feet and all visibilities ¼ SM; increase LNAV/VNAV DA to 740 feet and all visibilities ¼ SM; increase all MDAs 80 feet and visibility Cats C and D ¼ SM.		MISSED APPROACH: Climb to 2000 direct GACEC and hold.	
ASOS 118.525	COLUMBIA APP CON 124.15 338.2	GCO 125.675	UNICOM 122.7 (CTAF) 0



2000 ↑		GACEC 		
Diagram illustrating a flight path with the following details: - Start: RW23 (Runway 23) - Distance: 1.3 NM to RUVVO - Distance: 1.2 NM (between RUVVO and TOSCU) - Distance: 2.5 NM (between TOSCU and FOLGI) - Distance: 6.1 NM (between FOLGI and the end point) - Altitude: 1020 (at TOSCU), 1800 (at FOLGI) - Angles: 229° (between TOSCU and FOLGI), 049° (between FOLGI and the end point), 229° (between FOLGI and the end point) - End Point: 6000, 2000 - GP 3.00° - TCH 40				
CATEGORY	A	B	C	D
LPV DA	459-7 ⁸ / ₈ 264 (300-7 ⁸ / ₈)			
LNAV/VNAV DA	660-1 ³ / ₈ 465 (500-1 ³ / ₈)			
LNAV MDA	660-1	465 (500-1)	660-1 ³ / ₈	465 (500-1 ³ / ₈)
CIRCLING	680-1 485 (500-1)	740-1 545 (600-1)	980-2 ¹ / ₄ 785 (800-2 ¹ / ₄)	980-2 ¹ / ₂ 785 (800-2 ¹ / ₂)

WAAS CH 97418	APP CRS 354°	Rwy Idg TDZE 186	5399
W35A		Apt Elev 195	

RNAV (GPS) RWY 35

ORANGEBURG MUNI (OGB)

RNP APCH - GPS.

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⚠ Circling Rwy 17 NA at night. Baro-VNAV and VDP NA when using Columbia Metro altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -4°C or above 54°C. Inop table does not apply to LPV. For inop ALS, increase LNAV/VNAV Cat A/B visibility to ½ SM and LNAV Cat C/D visibility to 1½ SM. When local altimeter setting not received, use Columbia Metro altimeter setting: increase LPV DA to 515 feet and all visibilities ½ SM; increase LNAV/VNAV DA to 559 feet and all visibilities ¼ SM; increase all MDAs 80 feet and visibility Cats C and D ¼ SM. For inop ALS when using Columbia Metro altimeter setting, increase LPV and LNAV/VNAV Cat A/B visibility to 1 SM.

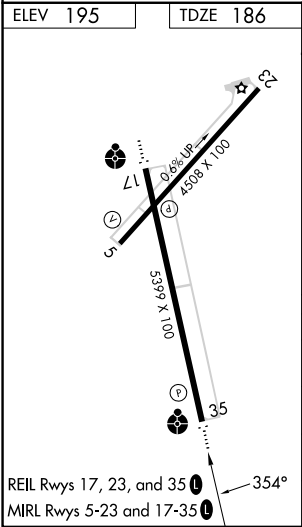
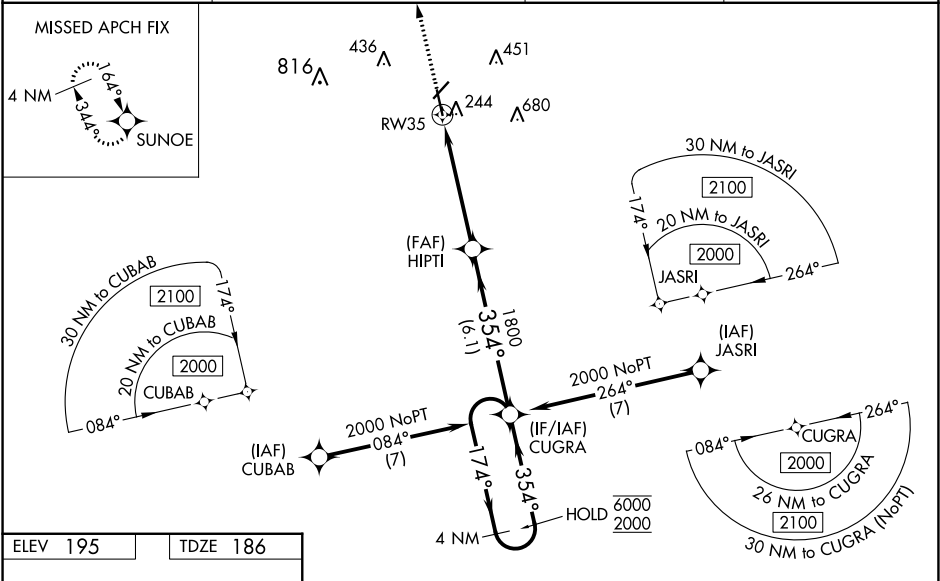
ODALS

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⋮

MISSED APPROACH:
Climb to 2000 direct
SUNOE and hold.

ASOS 118.525	COLUMBIA APP CON 124.15 338.2	GCO 125.675	UNICOM 122.7 (CTAF) 0
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2000	SUNOE	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 37).		4 NM	Holding Pattern
↑	✧				
1.3 NM to RW35	HIPTI	1800	354°	6000	2000
		1800			
1.3	3.6 NM	6.1 NM			
CATEGORY	A	B	C	D	
LPV DA	436-¾	250 (300-¾)			
LNAV/VNAV DA	480-¾	294 (300-¾)			
LNAV MDA	640-¾	454 (500-¾)	640-1⅛	454 (500-1⅛)	
CIRCLING	680-1 485 (500-1)	740-1 545 (600-1)	980-2¼ 785 (800-2¼)	980-2½ 785 (800-2½)	

WAAS CH 57918 W05A	APP CRS 049°	Rwy Idg TDZE 191 Apt Elev 195
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RNAV (GPS) RWY 5

ORANGEBURG MUNI (OGB)

RNP APCH - GPS.

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Circling Rwy 17 NA at night. Baro-VNAV and VDP NA when using Columbia Metro altimeter setting. Rwy 5 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -4°C or above 54°C. When local altimeter setting not received, use Columbia Metro altimeter setting: increase LPV DA to 542 feet; increase LNAV/VNAV DA to 520 feet; increase all MDAs 80 feet and visibility Cats C and D ¼ SM.

MISSED APPROACH:
Climb to 2000 direct
FOLGI and hold.

ASOS 118.525	COLUMBIA APP CON 124.15 338.2	GCO 125.675	UNICOM 122.7 (CTAF) 0
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The main chart displays the RNAV (GPS) approach for RWY 5. Key features include:

- Initial Approach:** Starts at 564' MSL, descends to 873' MSL, then to 451' MSL. A missed approach fix is located 4 NM from the start of the final approach.
- Final Approach:** Descends from 451' MSL to 244' MSL, then to 1800' MSL. A missed approach fix is located 4 NM from the start of the final approach.
- Final Approach:** Descends from 1800' MSL to 1020' MSL, then to 1020' MSL. A missed approach fix is located 4 NM from the start of the final approach.
- Final Approach:** Descends from 1020' MSL to 1020' MSL, then to 1020' MSL. A missed approach fix is located 4 NM from the start of the final approach.
- Final Approach:** Descends from 1020' MSL to 1020' MSL, then to 1020' MSL. A missed approach fix is located 4 NM from the start of the final approach.

ELEV 195		TDZE 191	
4 NM Holding Pattern		VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 21).	
6000 ← 229°		2000 FOLGI	
2000 → 049°		DUCGE	
GP 3.00°		JILBI	
TCH 55		2.5 NM to RW05	
6.3 NM		1.2 NM to RW05	
CATEGORY		A	
LPV DA		463-1 272 (300-1)	
LNAV/VNAV DA		441-1 250 (300-1)	
LNAV MDA		580-1 389 (400-1)	
CIRCLING		680-1 740-1 980-2¼ 980-2½	
		485 (500-1) 545 (600-1) 785 (800-2¼) 785 (800-2½)	

ORANGEBURG, SOUTH CAROLINA

Amdt 2 15JUN23

33°27'N-80°52'W

ORANGEBURG MUNI (OGB)

RNAV (GPS) RWY 5