

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

Bearings, headings, courses, tracks 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 feet RVR.

<b>AIRPORT ID</b> CLT	<b>PROCEDURE NAME</b> ILS OR LOC RWY 19R ILS RWY 19R (SA CAT I) ILS RWY 19R (CAT II) ILS RWY 19R (CAT III)	<b>ORIGINAL/AMENDMENT</b> 3	<b>CITY</b> CHARLOTTE	<b>STATE</b> NC		
<b>AIRPORT ELEVATION</b> 748	<b>TDZE</b> 744	<b>SUPERSEDED</b> ILS OR LOC RWY 18R ILS RWY 19R (SA CAT I) ILS RWY 19R (CAT II) ILS RWY 19R (CAT III)	<b>ORIGINAL/AMENDMENT</b> 2A	<b>DATED</b> 12/05/2019	<b>MAG VAR</b> 7W	<b>EPOCH YEAR</b> 2000
<b>FACILITY</b> I-RGS	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>CANCEL/SUSPEND</b>		

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RUDKY/20.82 DME/RADAR	IAF	NELLA/17.67 DME/RADAR					182.96 (I-RGS)	3.15	6000
NELLA/17.67 DME/RADAR		WOVEN/14.51 DME/RADAR					182.96 (I-RGS)	3.15	5000
WOVEN/14.51 DME/RADAR	IF	EMERS/11.36 DME/RADAR					182.96 (I-RGS)	3.15	4000
EMERS/11.36 DME/RADAR		JHUNT/I-RGS 8.21 DME/RADAR					182.96 (I-RGS)	3.15	3000
JHUNT/I-RGS 8.21 DME/RADAR		AUDD/I-RGS 6.32 DME/RADAR					182.96 (I-RGS)	1.89	2400

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 5.03 NM AFTER AUDD/I-RGS 6.32 DME/RADAR OR AT I-RGS 1.29 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 280 AND ON BZM VOR/DME R-183 TO STULL/BZM 46.22 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT RUDKY/20.82 DME/RADAR
- FAC: 182.96 FAF: AUDD/I-RGS 6.32 DME/RADAR DIST FAF TO MAP: 5.03 DIST FAF TO THLD: 5.03
- MIN ALT: RUDKY/20.82 DME/RADAR 7000, NELLA/17.67 DME/RADAR 6000, WOVEN/14.51 DME/RADAR 5000, EMERS/11.36 DME/RADAR 4000, JHUNT/I-RGS 8.21 DME/RADAR 3000, AUDD/I-RGS 6.32 DME/RADAR 2400, CILOV/I-RGS 2.59 DME 1200
- DIST TO THLD FROM OM: MM: IM: 790.00 100 HAT: 859 150 HAT: 1813 GS ANT: 1078
- MIN GS INCPT: 2400 GS ALT AT PFAF: AUDD/I-RGS 6.32 DME/RADAR 2400 OM: MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 55.1
- MSA FROM: KCLT 3800



**EQUIPMENT REQUIREMENTS NOTES:**

DME OR RADAR REQUIRED.  
RADAR REQUIRED FOR PROCEDURE ENTRY.

**NOTES:**

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 19R: CAT A, B, C, D, RA 228, RVR 1400, HAT 150, DA 894 MSL  
 CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 19R: CAT A, B, C, D, RA 106, RVR 1200, HAT 100, DA 844 MSL  
 CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 19R: CAT A, B, C, D, RVR 600  
 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
 CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.  
 CHART NOTE: CILOV MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-LOC 19R CATS C/D VISIBILITY TO RVR 4500.

**ADDITIONAL FLIGHT DATA:**

HOLD N, RT, 182.98 INBOUND.  
 CHART FAS OBST: 790 TREE (37-089246) 351344N/0805810W.  
 CHART VDP AT 2.07 DME.  
 DISTANCE VDP TO THLD 0.77 NM.

**MINIMUMS:**

**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT**

**ALTERNATE:** NA  ILS: STANDARD; LOC: STANDARD

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
S-ILS 19R	944	1800	200	944	1800	200	944	1800	200	944	1800	200			
S-LOC 19R	1200	2400	456	1200	2400	456	1200	4500	456	1200	4500	456			
<b>CILOV FIX MINIMUMS (DME REQUIRED)</b>															
S-LOC 19R	1040	2400	296	1040	2400	296	1040	2400	296	1040	2400	296			

**CHANGES - REASONS**

- INCORPORATED CHANGES FROM PREVIOUS P-NOTAM INTO THE FORM.
- PROCEDURE NAME AND RWY CHANGED FROM 18R TO 19R. - AIRPORT CONSTRUCTION AND RUNWAY RENUMBERING.
- MISSED APPROACH INSTRUCTIONS: CHANGED FROM: "CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 4000 ON CLT VOR/DME R-250 TO STULL INT/CLT 13.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000" TO: "CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 280 AND ON BZM VOR/DME R-183 TO STULL/BZM 46.22 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000" - PER ATC AND VOR DELETION.
- ALTERNATE MISSED APPROACH INSTRUCTIONS DELETED - PER ATC REQUEST.
- NOTES: CHANGED SA CAT I CHART NOTE FROM "REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH" TO "REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL" - IAW 8260.19K 8-6-12. M. (1).
- PROFILE: LINE 5: CHANGE 150 HAT FROM: "1818" TO "1813", 100 HAT FROM: "864" TO: "859". - IAW 8260.3G 3-3-2 3 (A).
- PROFILE: MSA: CHANGED FROM: "CLT VOR/DME 3800" TO: "KCLT 3800" - IAW 8260.19K 8-6-7 H.
- ADDITIONAL FLIGHT DATA: CHANGED FROM: "786 TREE 351344N/0805810W." TO: "CHART FAS OBST: 790 TREE (37-089246) 351344N/0805810W" - IAW 8260.19K 8-6-11 C
- ADDITIONAL FLIGHT DATA: DELETED \*LOC ONLY AND CHART LOC RWY 36C/36R - NO LONGER REQUIRED BY CRITERIA.
- ADDITIONAL FLIGHT DATA: DELETED CHART CIRCLING ICON - NO LONGER REQUIRED BY CRITERIA.
- ADDITIONAL FLIGHT DATA: DELETED CHART IN PLANVIEW: STULL/BZM 46.22 DME AND CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N STULL/BZM 46.22 DME, RT, 182.98 INBOUND. - DELETED ALTERNATE MISSED APPROACH.
- ALTERNATE MINIMUMS CHANGED FROM ILS: STANDARD; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2 TO ILS: STANDARD; LOC: STANDARD - IAW 8260.3G 3-4-1.
- ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD W, RT, 070.00 INBOUND" TO "HOLD N, RT, 182.98 INBOUND" - UPDATED MISSED APPROACH; CLT VOR NO LONGER BEING USED, PER FPT AND ATC.



**AIRPORT ID**  
CLT

**PROCEDURE NAME**  
ILS OR LOC RWY 19R  
ILS RWY 19R (SA CAT I)  
ILS RWY 19R (CAT II)  
ILS RWY 19R (CAT III)

**ORIGINAL/AMENDMENT**  
3

**CITY**  
CHARLOTTE

**STATE**  
NC

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**

**OTHER:** ZTL, CLT TRACON, AIRPORT MANAGER

**FLIGHT CHECKED BY**

*Digitally signed by*

**CASEY D HILL**

JAMES R JONES

Mar 30, 2026

**OFFICE**

AJF

**DATE**

03/27/2026

**DEVELOPED BY**

*Digitally signed by*

**CASEY D HILL**

BYRON STUBBLEFIELD

Mar 30, 2026

**OFFICE**

AJV-A431

**DATE**

12/18/2025

**APPROVED BY**

CASEY HILL

*Digitally signed by*

**CASEY D HILL**

Mar 30, 2026

**OFFICE**

AJV-A431

**DATE**

**TITLE**  
MANAGER

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> CLT	<u>PROCEDURE NAME</u> ILS OR LOC RWY 19R ILS RWY 19R (SA CAT I) ILS RWY 19R (CAT II) ILS RWY 19R (CAT III)	<u>AMDT NO.</u> 3	<u>CITY</u> CHARLOTTE	<u>STATE</u> NC	<u>AIRPORT ELEVATION</u> 748	<u>FACILITY</u> I-RGS
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**PART A: OBSTRUCTION DATA SEGMENTS**

**INITIAL**

<u>FROM</u> RUDKY/20.82 DME/RADAR	<u>TO</u> NELLA/17.67 DME/RADAR
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<u>RNP</u>	<u>DISTANCE</u> 3.15	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	353251.00N/0810418.00W	1172	215	8	4B	1000				AT3828	6000
TERRAIN	353230.00N/0810424.00W	925 (900)								AS1500	2400

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**

**INITIAL: STEPDOWN**

<u>FROM</u> NELLA/17.67 DME/RADAR	<u>TO</u> WOVEN/14.51 DME/RADAR
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<u>RNP</u>	<u>DISTANCE</u> 3.15	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (37-001216)	352716.00N/0810345.00W	1848	500	125	5E	1000				AT2152	5000
TERRAIN	352936.00N/0810348.00W	875 (900)								AS1500	2400

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**











**AIRPORT ID**  
CLT

**PROCEDURE NAME**  
ILS OR LOC RWY 19R  
ILS RWY 19R (SA CAT I)  
ILS RWY 19R (CAT II)  
ILS RWY 19R (CAT III)

**AMDT NO.**  
3

**CITY**  
CHARLOTTE

**STATE**  
NC

**AIRPORT ELEVATION**  
748

**FACILITY**  
I-RGS

**MISSED APPROACH: ILS**

**FROM**  
DA

**TO**  
STULL/BZM 46.22 DME/RADAR

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
776

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				4000
TOWER (45-000698)	350747.42N/0811628.36W	1540	20	10	1B	1000				SA-2	2600
TERRAIN	350751.00N/0811627.00W	1128 (1100)								AS1500	2600

**COMPUTATIONS**

**ALT**    **KIAS**    **KTAS**    **HAA**    **VKTW**    **TR**    **BA**    **DTA**    **COURSE CHANGE**    **DVEB**    **VEB OCS**    **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**MISSED APPROACH: ILS CAT II**

**FROM**  
DA

**TO**  
STULL/BZM 46.22 DME/RADAR

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				4000
TOWER (45-000698)	350747.42N/0811628.36W	1540	20	10	1B	1000				SA-2	2600
TERRAIN	350751.00N/0811627.00W	1128 (1100)								AS1500	2600

**COMPUTATIONS**

**ALT**    **KIAS**    **KTAS**    **HAA**    **VKTW**    **TR**    **BA**    **DTA**    **COURSE CHANGE**    **DVEB**    **VEB OCS**    **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
CLT

**PROCEDURE NAME**  
ILS OR LOC RWY 19R  
ILS RWY 19R (SA CAT I)  
ILS RWY 19R (CAT II)  
ILS RWY 19R (CAT III)

**AMDT NO.**  
3

**CITY**  
CHARLOTTE

**STATE**  
NC

**AIRPORT ELEVATION**  
748

**FACILITY**  
I-RGS

**MISSED APPROACH: ILS SA CAT I**

**FROM**  
DA

**TO**  
STULL/BZM 46.22 DME/RADAR

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				4000
TOWER (45-000698)	350747.42N/0811628.36W	1540	20	10	1B	1000				SA-2	2600
TERRAIN	350751.00N/0811627.00W	1128 (1100)								AS1500	2600

**COMPUTATIONS**

**ALT**    **KIAS**    **KTAS**    **HAA**    **VKTW**    **TR**    **BA**    **DTA**    **COURSE CHANGE**    **DVEB**    **VEB OCS**    **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**MISSED APPROACH: LOC**

**FROM**  
5.03 NM AFTER AUUDD/I-RGS 6.32 DME/RADAR OR AT I-RGS 1.29 DME

**TO**  
STULL/BZM 46.22 DME/RADAR

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
894

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				4000
TOWER (45-000698)	350747.42N/0811628.36W	1540	20	10	1B	1000				SA-2	2600
TERRAIN	350751.00N/0811627.00W	1128 (1100)								AS1500	2600

**COMPUTATIONS**

**ALT**    **KIAS**    **KTAS**    **HAA**    **VKTW**    **TR**    **BA**    **DTA**    **COURSE CHANGE**    **DVEB**    **VEB OCS**    **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**CIRCLING**     ALL CATS     CAT A     CAT B     CAT C     CAT D     CAT E     NOT AUTHORIZED





**AIRPORT ID**  
CLT

**PROCEDURE NAME**  
ILS OR LOC RWY 19R  
ILS RWY 19R (SA CAT I)  
ILS RWY 19R (CAT II)  
ILS RWY 19R (CAT III)

**AMDT NO.**  
3

**CITY**  
CHARLOTTE

**STATE**  
NC

**AIRPORT ELEVATION**  
748

**FACILITY**  
I-RGS

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

**CRITICAL TEMPERATURE REMARKS:**

**"VISUAL PORTION OF FINAL" PENETRATIONS**

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

**PENETRATIONS REMARKS:**

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION 100' PER FPT.

ORDER 8260.3 CHAPTER 2 APPLIED TO 955 AAO 351854N/0805748W.

**PART D: AIRSPACE**

**DOCKET #**

**ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE**

DISTANCE FROM	THLD	TO 1000FT POINT	3.14
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.90
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	175.96
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	800
DISTANCE FROM	THLD	TO 1500FT POINT	4.83
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.26
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	175.96
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	800

**THRESHOLD COORDINATES (IF STR-IN)**

351331.02N/0805802.71W

**ARP COORDINATES**

351247.76N/0805709.06W

**RUNWAY APCH END AND DIST FURTHEST FROM ARP**

RUNWAY 36R DISTANCE 1.17 NM

**FAF COORDINATES**

351832.38N/0805828.67W

**FIX NAME COORDINATES**

**REMARKS**

**PART E: PREPARED BY**

**NAME**

BYRON STUBBLEFIELD

**OFFICE**

AJV-A431

**DATE**

12/18/2025

**TITLE**

AERONAUTICAL INFORMATION SPECIALIST

QUALITY  
20  
CHECKED

**AIRPORT ID**  
CLT

**PROCEDURE NAME**  
ILS OR LOC RWY 19R  
ILS RWY 19R (SA CAT I)  
ILS RWY 19R (CAT II)  
ILS RWY 19R (CAT III)

**AMDT NO.**  
3

**CITY**  
CHARLOTTE

**STATE**  
NC

**AIRPORT ELEVATION**  
748

**FACILITY**  
I-RGS

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