

**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.

AIRPORT CHARLOTTE/DOUGLAS INTL	AIRPORT ID KCLT	PROCEDURE NAME ILS OR LOC RWY 18R ILS RWY 18R SA CAT I, ILS RWY 18R CAT II, ILS RWY 18R CAT III	ORIGINAL/AMENDMENT 2	CITY CHARLOTTE	STATE NC	
AIRPORT ELEVATION 748	TDZE 744	SUPERSEDED ILS OR LOC RWY 18R ILS RWY 18R SA CAT I, ILS RWY 18R CAT II, ILS RWY 18R CAT III	ORIGINAL/AMENDMENT 1A	DATED 05/24/2018	MAG VAR 7W	EPOCH YEAR 2000
FACILITY I-RGS	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 15 AUGUST 2019	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
RUDKY/20.82 DME/RADAR	IAF	NELLA/17.67 DME/RADAR					182.96	3.15 (I-RGS)	6000
NELLA/17.67 DME/RADAR		WOVEN/14.51 DME/RADAR					182.96	3.15 (I-RGS)	5000
WOVEN/14.51 DME/RADAR	IF	EMERS/11.36 DME/RADAR					182.96	3.15 (I-RGS)	4000
EMERS/11.36 DME/RADAR		JHUNT/I-RGS 8.21 DME/RADAR					182.96	3.15 (I-RGS)	3000
JHUNT/I-RGS 8.21 DME/RADAR		AUDD/I-RGS 6.32 DME/RADAR					182.96	1.89 (I-RGS)	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 CLT VOR/DME R-250 TO STULL INT/CLT 13.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

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



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

ALTERNATE: NA ILS: STANDARD; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
S-ILS 18R	944	1800	200	944	1800	200	944	1800	200	944	1800	200				
S-LOC 18R	1200	2400	456	1200	2400	456	1200	4500	456	1200	4500	456				
CIRCLING	1380	1	632	1380	1	632	1500	2 1/4	752	1500	2 1/2	752				
CILOV FIX MINIMUMS (DME REQUIRED)																
S-LOC 18R	1040	2400	296	1040	2400	296	1040	2400	296	1040	2400	296				
CIRCLING	1380	1	632	1380	1	632	1500	2 1/4	752	1500	2 1/2	752				

CHANGES - REASONS

1. ADDED NEW FAF AUUDD/I-RGS 6.32 DME/RADAR 2400 - ATC REQUEST.
2. UPDATED DIST FAF TO MAP/THLD FROM 6.91/6.91 TO 5.03/5.03. - NEW FAF LOCATION.
3. UPDATED SDF CILOV ALT AND DME FROM 2.84 DME/1280 TO 2.59 DME/1200 - OPTIMUM LOCATION, NEW OBS EVALUATION, REMOVED EXCESSIVE LENGTH OF FINAL ADJUSTMENT.
4. UPDATED MIN GS INTCPT FROM 3000 TO 2400 - ATC REQUEST.
5. UPDATED GS ALT AT FAF FROM JHUNT 3000 TO AUUDD /I-RGS 6.32 DME/RADAR 2400 - NEW FAF.
6. UPDATED S-LOC 18R MDA/HAT ALL CATS FROM 1280/536 TO 1200/456.
7. UPDATED VDP FROM 2.05 DME/0.76 MILES TO 2.07DME/0.77NM - RECALCULATED.
8. UPDATED FAS OBST FROM 781 TOWER TO 786 TREE. - NEW CONTROLLING OBS
9. ADDED CHART NOTE: CILOV MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-LOC 18R ALL CATS VISIBILITY TO RVR 4500 - INOP LIGHTING NOTE REQUIRED.
10. REMOVED CHART NOTE: DME OR RADAR REQUIRED REPLACED WITH EQUIPMENT REQUIREMENT NOTE: DME OR RADAR REQUIRED AND RADAR REQUIRED FOR PROCEDURE ENTRY. - CHARTING REQUIREMENTS IAW 8260.19H 8-6-8.
11. DELETED CHART PLANVIEW NOTE: RADAR REQUIRED. - NO LONGER REQUIRED IAW 8260.19H 8-6-8.
12. UPDATED CHART NOTE FROM VGSI AND ILS GLIDEPATH NOT COINCIDENT TO CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - UPDATED NOTE FORMAT.
13. UPDATED 100 HAT VALUE FROM 859 TO 864- RECALCULATED.
14. UPDATED 150 HAT FROM 1813 TO 1818 -RECALCULATED.
15. UPDATED GS ANT FROM 1080 TO 1078 - AIRNAV DATA.
16. REMOVED NON STANDARD ALT MIN FOR ILS CAT C/D - STANDARD IAW 8260.3 TABLE 3-4-1.



AIRPORT
CHARLOTTE/DOUGLAS INTL

AIRPORT ID
KCLT

PROCEDURE NAME
ILS OR LOC RWY 18R
ILS RWY 18R SA CAT I,
ILS RWY 18R CAT II,
ILS RWY 18R CAT III

ORIGINAL/AMENDMENT
2

CITY
CHARLOTTE

STATE
NC

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZTL, CLT TRACON, AIRPORT MANAGER, CLT ATCT

FLIGHT CHECKED BY

MARC J HINCK
Digitally signed by

Digitally signed by
CASIMIR L TABAKA

OFFICE

FICO

DATE

6/12/19

DEVELOPED BY **HEIDI SNIDER**

HEIDI SNIDER
Apr 23, 2019

Jun 13, 2019

OFFICE

AJV-A422

DATE

02/07/2019

APPROVED BY

JULIE MORGAN

CASIMIR L TABAKA

Jun 13, 2019

OFFICE

AJV-A420

DATE

TITLE
MANAGER

