

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.

<u>AIRPORT</u> CHARLOTTE/DOUGLAS INTL	<u>AIRPORT ID</u> KCLT	<u>PROCEDURE NAME</u> ILS OR LOC RWY 18L	<u>ORIGINAL/AMENDMENT</u> 10	<u>CITY</u> CHARLOTTE	<u>STATE</u> NC
<u>AIRPORT ELEVATION</u> 748	<u>TDZE</u> 748	<u>SUPERSEDED</u> ILS OR LOC RWY 18L	<u>ORIGINAL/AMENDMENT</u> 9A	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 7W
<u>FACILITY</u> I-VKQ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

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>
CAVVI/I-VKQ 18.01 DME/RADAR	IAF	SNAKK/I-VKQ 14.86 DME/RADAR					182.97	3.15 (I-VKQ)	5000
SNAKK/I-VKQ 14.86 DME/RADAR	IF	GILGE/I-VKQ 11.70 DME/RADAR					182.97	3.15 (I-VKQ)	4000
GILGE/I-VKQ 11.70 DME/RADAR		QUWED/I-VKQ 8.55 DME/RADAR					182.97	3.15 (I-VKQ)	3000
QUWED/I-VKQ 8.55 DME/RADAR		EGUUL/I-VKQ 6.66 DME/RADAR					182.97	1.88 (I-VKQ)	2400

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.02 NM AFTER EGUUL/I-VKQ 6.66 DME/RADAR OR AT I-VKQ 1.65 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4000 ON CLT VOR/DME R-093 TO LOCAS INT/CLT 24.89 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 090 AND ON CTF VOR/DME R-349 TO LOCAS/CTF 34.06 DME AND HOLD. (DME REQUIRED)

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)
2. PROFILE STARTS AT CAVVI/I-VKQ 18.01 DME/RADAR				
3. FAC:	182.97	FAF: EGUUL/I-VKQ 6.66 DME/RADAR	DIST FAF TO MAP: 5.02	DIST FAF TO THLD: 5.02
4. MIN ALT:	CAVVI/I-VKQ 18.01 DME/RADAR 6000, SNAKK/I-VKQ 14.86 DME/RADAR 5000, GILGE/I-VKQ 11.70 DME/RADAR 4000, QUWED/I-VKQ 8.55 DME/RADAR 3000, EGUUL/I-VKQ 6.66 DME/RADAR 2400, ZIMOG/I-VKQ 4.24 DME 1260*			
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT: 1017
6. MIN GS INCPT:	2400	GS ALT AT FAF : EGUUL/I-VKQ 6.66 DME/RADAR 2400	OM:	MM:
7. GP ANGLE:	3.00	34:1:	20:1:	TCH: 55.7
8. MSA FROM:	CLT VOR/DME 3800			



CHANGES - REASONS

- 1. UPDATED FAF FROM QUWED/I-VKQ 11.70 DME/RADAR TO EGUUL/I-VKQ 6.66 DME/RADAR - ATC REQUEST.
- 2. UPDATED DIST FAF TO MAP/THLD FROM 6.90/6.90 TO 5.02/5.02 - NEW FAF LOCATION.
- 3. ADDED MIN ALT FOR EGUUL/I-VKQ 6.66 DME/RADAR 2400 - ATC REQUEST.
- 4. UPDATED MIN ALT FOR SDF, FROM ZIMOG/I-VKQ 4.15 DME 1320* TO ZIMOG/I-VKQ 4.24 DME 1260* - OPTIMUM SDF LOCATION/ALT.
- 5. UPDATE MIN GS ALT AND GS ALT AT FAF FROM 3000 TO 2400 - ATC REQUEST.
- 6. REMOVED CHART NOTE: RADAR OR DME REQUIRED - NO LONGER REQUIRED
- 7. ADDED EQUIPMENT REQUIREMENTS NOTES: RADAR REQUIRED FOR PROCEDURE ENTRY. DME OR RADAR REQUIRED. - IAW .19H NOTE REQUIREMENTS.
- 8. UPDATED CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT TO CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) -NEW NOTE FORMAT.
- 9. UPDATED FAS OBST FROM 879 TREE 351432N/0805628W TO 890 TOWER 351450N/0805603W - OBS EVALUATION.
- 10. UPDATED S-ILS 18L DA/HAT FROM 998/250 TO 1002/254 - MISSED PENETRATION.
- 11. UPDATED S-LOC 18L MDA/HAT FROM 1320/572 TO 1260/512 - NEW CONTROLLING OBS.
- 12. UPDATED S-LOC 18L VIS CAT C/D FROM 1 5/8 TO 1 3/8 - VIS CK CALCULATION.
- 13. CHANGED ALT MISSED APPROACH FROM CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 110 AND CTF VOR/DME R-327 TO NEALO/CTF 35.66 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000 (DME REQUIRED) TO CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 090 AND ON CTF VOR/DME R-349 TO LOCAS/CTF 34.06 DME AND HOLD (DME REQUIRED). - NEALO IS INSIDE OF CTF UNUSABLE RADIALS.
- 14. UPDATED CHART NOTE FROM RWY 18L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED TO RWY 18L HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED - RWY HAS RVR.
- 15. ADDITIONAL FLIGHT DATA REMOVE CHART PLANVIEW: RADAR REQUIRED. - NO LONGER NEEDED.
- 16. UPDATED ALT MINS FROM LOC: STANDARD TO LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2. - IAW 8260.3, 3-4-1.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, CLT TRACON, AMGR

FLIGHT CHECKED BY

MARC J HINCK

Digitally signed by
CASIMIR L TABAKA

OFFICE

FICO

DATE

6/12/19

DEVELOPED BY

HEIDI SNIDER

Digitally signed by
HEIDI SNIDER
Apr 22, 2019

OFFICE

AJV-A422

DATE

02/22/2019

APPROVED BY

JULIE MORGAN

Digitally signed by
CASIMIR L TABAKA
Jun 13, 2019

OFFICE

AJV-A420

DATE

TITLE
MANAGER

