

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HEKAM/I-BQC 17.94 DME/RADAR (IAF)	JENDA/I-BQC 14.78 DME/RADAR	002.97 / 3.15 (I-BQC)	5000	ILS: DA LOC: 5.40 MILES AFTER HAYOU/I-BQC 6.90 DME/RADAR OR AT I-BQC 1.49 DME FIX
JENDA/I-BQC 14.78 DME/RADAR	LANSR/I-BQC 11.63 DME/RADAR	002.97 / 3.15 (I-BQC)	4000	CLIMB TO 1320 THEN CLIMBING RIGHT TURN TO 4000 ON CLT VOR/DME R-093 TO LOCAS INT/24.89 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1320 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 065 AND GSO VORTAC R-226 TO EDEL/GSO 54.04 DME AND HOLD (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD W, RT, 093.32 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE EDEL/GSO 54.04 DME, RT, 225.55 INBOUND. FAS OBST: 859 AAO 350801N/0805613W CHART: 965 MONUMENT 350613N/0805626W CHART VDP AT 2.50 DME* DISTANCE VDP TO THLD 1.01 MILES. *LOC ONLY. CHART IN PLANVIEW: EDEL/GSO 54.04 DME. CHART LOC RWY 36C/L. CHART CIRCLING ICON.
LANSR/I-BQC 11.63 DME/RADAR (IF)	CIKDU/I-BQC 8.47 DME/RADAR	002.97 / 3.15 (I-BQC)	3000	
CIKDU/I-BQC 8.47 DME/RADAR	HAYOU/I-BQC 6.90 DME/RADAR	002.97 / 1.58 (I-BQC)	2500	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT HEKAM/I-BQC 17.94 DME/RADAR
3. FAC: 002.97 FAF: HAYOU/I-BQC 6.90 DME/RADAR DIST FAF TO MAP: 5.40 THLD: 5.40
4. MIN. ALT: HEKAM 6000, JENDA 5000, LANSR 4000, CIKDU 3000, HAYOU 2500
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 1803 100 HAT: 847 GS ANT: 1042
6. MIN GS INCPT: 2500 GS ALT AT: HAYOU 2500 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 55.3
8. MSA FROM: CLT VOR/DME 3800

MAG VAR: 7W EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A	ILS: STANDARD #	LOC: 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
S-ILS 36R	927	1800	200	927	1800	200	927	1800	200	927	1800	200			
S-LOC 36R	1120	2400	393	1120	2400	393	1120	3500	393	1120	3500	393			
CIRCLING	1240	1	492	1240	1	492	1500	2 1/4	752	1500	2 1/2	752			

NOTES:
 SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 36R: CAT A, B, C, D, RA #@ CAT C 800-2 1/4, CAT D 800-2 1/2
 173, RVR 1400, HAT 150, DA 877 MSL.
 CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 36R: CAT A, B, C, D, RA
 119, RVR 1200, HAT 100, DA 827 MSL.
 (SEE FORM 8260-10)



CITY AND STATE CHARLOTTE, NC	ELEVATION: 748 TDZE: 727 AIRPORT NAME: CHARLOTTE/DOUGLAS INTL	FACILITY IDENTIFIER: I-BQC	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 36R, AMDT 12 ILS RWY 36R (SA CAT I), ILS RWY 36R (CAT II), ILS RWY 36R (CAT III) 4/30/2015	SUP: AMDT: 11B DATED 12/08/2011
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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.

NOTES, (CONT.):

CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS- 36R: CAT IIIa CAT

A,B,C,D, RVR 600. CAT IIIb NA. CAT IIIc NA.

CHART NOTE: CIRCLING NA AT NIGHT.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 36C/36L.

CHART NOTE: DME OR RADAR REQUIRED.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.



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				AMDT: 11B
				DATED: 12/08/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
 FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	HEKAM	HEKAM	010	IAF	IF		FB				AA 06000	
	HEKAM	JENDA	020		TF		FB				AA 05000	
	HEKAM	LANSR	030		CF		FB		003.0()	003.2	AA 04000	
		LANSR	010	FACF	IF		FB				AA 04000 GI 02500	
		CIKDU	011	SDF	CF		FB		003.0()	003.2	AA 03000	
		HAYOU	020	FAF	CF		FB		003.0()	001.6	GI 02500 GS 02500	
		RW36R	030	MAP	CF		FO		003.0()	005.4	AT 00779	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		003.0()		AA 01320	
	LOCAS	050		CF	R	FO		093.3()	024.0	AA 04000	
	LOCAS	060		HM	R	FO		093.3()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	IBQC (DME)	N351333.06	W0805606.97	N3513.551	W08056.116
	LOCAS	N351205.18	W0802644.89	N3512.086	W08026.748
	CIKDU	N350504.89	W0805526.95	N3505.082	W08055.449
	HAYOU	N350639.45	W0805535.04	N3506.658	W08055.584
	HEKAM	N345537.55	W0805438.49	N3455.626	W08054.642
	JENDA	N345846.67	W0805454.62	N3458.778	W08054.910
	LANSR	N350155.78	W0805510.77	N3501.930	W08055.180
	RW36R	N351203.45	W0805602.82	N3512.058	W08056.047
	IBQC (LOC)	N351333.71	W0805610.57	N3513.562	W08056.176

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36R	00724	55

CITY AND STATE
 CHARLOTTE, NC

ELEVATION: 748 TDZE: 727
 AIRPORT NAME:
 CHARLOTTE/DOUGLAS INTL

FACILITY IDENTIFIER:
 I-BQC

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
 ILS OR LOC RWY 36R, AMDT 12
 ILS RWY 36R (SA CAT I), ILS RWY 36R (CAT II),
 ILS RWY 36R (CAT III) 4/30/2015

SUP:
 AMDT: 11B
 DATED: 12/08/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.25

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ARINC SUMMARY - 424-18 - LOC

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	HEKAM	JENDA	020		TF		FB				AA 05000	
	HEKAM	LANSR	030		CF		FB		003.0()	003.2	AA 04000	
		LANSR	010	FACF	IF		FB				AA 04000	
		CIKDU	011	SDF	CF		FB		003.0()	003.2	AA 03000	
		HAYOU	020	FAF	CF		FB		003.0()	001.6	AA 02500	
		RW36R	030	MAP	CF		FO		003.0()	005.4	AT 00779	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		003.0()		AA 01320	
	LOCAS	050		CF	R	FO		093.3()	024.0	AA 04000	
	LOCAS	060		HM	R	FO		093.3()	T01.0	AA 04000	

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	IBQC (DME)	N351333.06	W0805606.97	N3513.551	W08056.116
	LOCAS	N351205.18	W0802644.89	N3512.086	W08026.748
	CIKDU	N350504.89	W0805526.95	N3505.082	W08055.449
	HAYOU	N350639.45	W0805535.04	N3506.658	W08055.584
	HEKAM	N345537.55	W0805438.49	N3455.626	W08054.642
	JENDA	N345846.67	W0805454.62	N3458.778	W08054.910
	LANSR	N350155.78	W0805510.77	N3501.930	W08055.180
	RW36R	N351203.45	W0805602.82	N3512.058	W08056.047
	IBQC (LOC)	N351333.71	W0805610.57	N3513.562	W08056.176

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	RW36R	00724	55

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CHARLOTTE, NC

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FACILITY IDENTIFIER:
I-BQC

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 36R, AMDT 12
ILS RWY 36R (SA CAT I), ILS RWY 36R (CAT II),
ILS RWY 36R (CAT III) 4/30/2015

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