

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.							
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: 5.42 MILES AFTER GLASI/CLT 4.84 DME/RADAR CLIMB TO 3000 ON CLT R-001 TO TOMME/CLT 15.31 DME AND HOLD, OR AS DIRECTED BY ATC. <u>ALTERNATE MA:</u> CLIMB TO 3000 ON HEADING 003 AND BZM R-159 TO TOMME/BZM 28.57 DME AND HOLD (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD N, RT, 181.29 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N TOMME/BZM 28.57 DME, LT, 158.56 INBOUND. CHART FAS OBST: 870 TOWER 350932N/0805700W CHART 962 MONUMENT 350614N/0805627W. CHART LOC RWY 36R/36L.					
SOLMN/CLT 22.17 DME/RADAR (IAF)		KRISL/CLT 19.02 DME/RADAR		002.96 / 3.15 (I-DQG)				7000*							
KRISL/CLT 19.02 DME/RADAR		HUNEX/CLT 15.87 DME/RADAR		002.96 / 3.15 (I-DQG)				6000*							
HUNEX/CLT 15.87 DME/RADAR		DENNE INT/CLT 12.72 DME/RADAR		002.96 / 3.15 (I-DQG)				5000*							
DENNE INT/CLT 12.72 DME/RADAR		MARJO/CLT 9.57 DME/RADAR		002.96 / 3.15 (I-DQG)				4000*							
MARJO/CLT 9.57 DME/RADAR (IF)		NIVSE/CLT 6.42 DME/RADAR		002.96 / 3.15 (I-DQG)				3000*							
NIVSE/CLT 6.42 DME/RADAR		GLASI/CLT 4.84 DME/RADAR		002.96 / 1.58 (I-DQG)				2500							

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)									
2. PROFILE STARTS AT SOLMN/CLT 22.17 DME/RADAR									
3. FAC: 002.96 FAF: GLASI/CLT 4.84 DME/RADAR DIST FAF TO MAP: 5.42 THLD: 5.42									
4. MIN. ALT: SOLMN 8000*, KRISL 7000*, HUNEX 6000*, DENNE 5000*, MARJO 4000*, NIVSE 3000*, GLASI 2500									
5. DIST TO THLD FROM OM: _____ MM: _____ IM: 1139 150 HAT: _____ 100 HAT: 1101 GS ANT: 960									
6. MIN GS INCPT: 2500 GS ALT AT: GLASI 2500 OM: _____ MM: _____ IM: 809									
7. GS ANGLE: 3.00 TCH: 57.1									
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 36C	907	1800	200	907	1800	200	907	1800	200	907	1800	200			
S-LOC 36C	1120	2400	413	1120	2400	413	1120	2400	413	1120	2400	413			
CIRCLING	1240	1	492	1240	1	492	1260	1 1/2	512	1300	2	552			

NOTES:
 CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 36C: CAT A, B, C, D, RA 126, RVR 1200, HAT 100, DA 807 MSL.
 CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED, S-ILS-36C: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb CAT A,B,C,D, RVR 700. CAT IIIc NA.
 (SEE FORM 8260-10)

CITY AND STATE CHARLOTTE, NC	ELEVATION: 748 TDZE: 707 AIRPORT NAME: CHARLOTTE/DOUGLAS INTL	FACILITY IDENTIFIER: I-DQG	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 36C, AMDT 16A ILS RWY 36C (CAT II), ILS RWY 36C (CAT III) 09 FEB 2012	SUP: AMDT: 16 DATED 02/11/2010
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Pub 02609/12 TC 12-01

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART NOTE: CIRCLING NA AT NIGHT.

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

CHART NOTE: DME OR RADAR REQUIRED.

CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: DQG ILS LLZ RWY 36C UNUSABLE FOR ROLLOUT GUIDANCE.

CHART PLANVIEW NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000 OR 6000 OR 7000 OR 8000.

CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000 OR 6000 OR 7000 OR 8000.

CITY AND STATE
CHARLOTTE, NC

ELEVATION: 748 TDZE: 707
AIRPORT NAME:
CHARLOTTE/DOUGLAS INTL

FACILITY
IDENTIFIER:
I-DQG

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS OR LOC RWY 36C, AMDT 16A
ILS RWY 36C (CAT II), ILS RWY 36C (CAT III)
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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KCLTK7FI36C	ASOLMN	010SOLMNK7EA0E	A	IF				+A08000	18000		0	NS
SUSAP	KCLTK7FI36C	ASOLMN	020KRISLK7EA0E		TF				+A07000			0	NS
SUSAP	KCLTK7FI36C	ASOLMN	030HUNEXK7EA0E		TF				+A06000			0	NS
SUSAP	KCLTK7FI36C	ASOLMN	040DENNEK7EA0E		TF				+A05000			0	NS
SUSAP	KCLTK7FI36C	ASOLMN	050MARJOK7EA0EE	B	CF	IDQ GK7	1830012100300032PI		+A04000			0	NS
SUSAP	KCLTK7FI36C	I	010MARJOK7EA0E	I	IF	IDQ GK7	18300121	PI	JA040000250018000			0	NS
SUSAP	KCLTK7FI36C	I	011NIVSEK7EA0E	S	CF	IDQ GK7	1830008900300032PI		+A03000			0	NS
SUSAP	KCLTK7FI36C	I	020GLASIK7EA0E	F	CF	IDQ GK7	1830007300300016PI	H	0250002500		-300CLT	K7D	0
SUSAP	KCLTK7FI36C	I	030RW36CK7PGOGY	M	CF	IDQ GK7	1830001900300054PI		00749		-300		0
SUSAP	KCLTK7FI36C	I	040TOMMEK7EA0EYM		CF	CLT K7	0013015300130150D		+ 03000				0
SUSAP	KCLTK7FI36C	I	050TOMMEK7EA0EE	R	HM		1813T010		+ 03000				0

[illegible][illegible]

CITY AND STATE CHARLOTTE, NC	ELEVATION: 748	TDZE: 707	FACILITY IDENTIFIER: I-DQG	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: CHARLOTTE/DOUGLAS INTL			ILS OR LOC RWY 36C, AMDT 16A	AMDT: 16
				ILS RWY 36C (CAT II), ILS RWY 36C (CAT III)	DATED: 02/11/2010
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FLIGHT STANDARDS SERVICES - FAR PART 97.29

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SUSAP KCLTK7IIDQG3 011170RW36CN35135395W0805712730030N35120917W0805708541553 09600347300W00705700691

[illegible]

SUP:	
AMDT:	16
DATED:	02/11/2010

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	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	SOLMN	SOLMN	010	IAF	IF		FB				AA 08000	
	SOLMN	KRISL	020		TF		FB				AA 07000	
	SOLMN	HUNEX	030		TF		FB				AA 06000	
	SOLMN	DENNE	040		TF		FB				AA 05000	
	SOLMN	MARJO	050		CF		FB		003.0 ()	003.2	AA 04000	
		MARJO	010	PACF	IF		FB				AA 04000	GI 02500
		NIVSE	011	SDF	CF		FB		003.0 ()	003.2	AA 03000	
		GLASI	020	FAF	CF		FB		003.0 ()	001.6	GI 02500	GS 02500
		RW36C	030	MAP	CF		FO		003.0 ()	005.4	AT 00749	

MISSED APPROACH	PIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	TOMME	040		CF		PO		001.3 ()	015.0	AA 03000	
	TOMME	050		HM	R	PO		181.3 ()	001.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	DENNE	N345842.67	W0805554.50	N3458.711	W08055.908
	GLASI	N350635.30	W0805635.02	N3506.588	W08056.584
	HUNEX	N345533.83	W0805538.35	N3455.564	W08055.639
	KRISL	N345224.99	W0805522.22	N3452.417	W08055.370
	MARJO	N350151.51	W0805610.67	N3501.859	W08056.178
	NIVSE	N350500.34	W0805626.86	N3505.006	W08056.448
	SOLMN	N344916.15	W0805506.11	N3449.269	W08055.102
	TOMME	N352643.30	W0805819.13	N3526.722	W08058.319
	RW36C	N351159.97	W0805702.92	N3512.000	W08057.049
	IDQG (LOC)	N351353.95	W0805712.73	N3513.899	W08057.212

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36C	00692	57

CITY AND STATE
CHARLOTTE, NCELEVATION: 748 TDZE: 707
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ILS OR LOC RWY 36C, AMDT 16A
ILS RWY 36C (CAT II), ILS RWY 36C (CAT III)
09 FEB 2012SUP:
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FLIGHT STANDARDS SERVICES - FAR PART 97.25

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KCLTK7FL36C	ASOLMN	010SOLMNK7EA0E	A	IF				+A08000	18000		0	NS
SUSAP	KCLTK7FL36C	ASOLMN	020KRISLK7EA0E		TF				+A07000			0	NS
SUSAP	KCLTK7FL36C	ASOLMN	030HUNEXK7EA0E		TF				+A06000			0	NS
SUSAP	KCLTK7FL36C	ASOLMN	040DENNEK7EA0E		TF				+A05000			0	NS
SUSAP	KCLTK7FL36C	ASOLMN	050MARJOK7EA0EE	B	CF	IDQGK7	1830012100300032PI		+A04000			0	NS
SUSAP	KCLTK7FL36C	L	010MARJOK7EA0E	I	IF	IDQGK7	18300121	PI	+A04000	18000		0	NS
SUSAP	KCLTK7FL36C	L	011NIVSEK7EA0E	S	CF	IDQGK7	1830008900300032PI		+A03000			0	NS
SUSAP	KCLTK7FL36C	L	020GLASIK7EA0E	F	CF	IDQGK7	1830007300300016PI		+ 02500		CLT	K7D	0 NS
SUSAP	KCLTK7FL36C	L	030RW36CK7PGOGY	M	CF	IDQGK7	1830001900300054PI		00749	-305		0	NS
SUSAP	KCLTK7FL36C	L	040TOMMEK7EA0EYM		CF	CLT K7	0013015300130150D		+ 03000			0	NS
SUSAP	KCLTK7FL36C	L	050TOMMEK7EA0EE	R	HM		1813T010		+ 03000			0	NS

[illegible][illegible]

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FLIGHT STANDARDS SERVICES - FAR PART 97.25

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SUSAP KCLTK7IIDQG3 011170RW36CN35135395W0805712730030N35120917W0805708541553 09600347300W00705700691

[illegible]

CITY AND STATE CHARLOTTE, NC	ELEVATION: 748	TDZE: 707	FACILITY IDENTIFIER: I-DQG	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: CHARLOTTE/DOUGLAS INTL			ILS OR LOC RWY 36C, AMDT 16A	AMDT: 16
				ILS RWY 36C (CAT II), ILS RWY 36C (CAT III)	DATED: 02/11/2010
				09 FEB 2012	

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	SOLMN	SOLMN	010	IAF	IF		FB				AA 08000	
	SOLMN	KRISL	020		TF		FB				AA 07000	
	SOLMN	HUNEX	030		TF		FB				AA 06000	
	SOLMN	DENNE	040		TF		FB				AA 05000	
	SOLMN	MARJO	050		CF		FB		003.0()	003.2	AA 04000	
		MARJO	010	FACF	IF		FB				AA 04000	
		NIVSE	011	SDP	CF		FB		003.0()	003.2	AA 03000	
		GLASI	020	FAP	CF		FB		003.0()	001.6	AA 02500	
		RW36C	030	MAP	CF		FO		003.0()	005.4	AT 00749	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	TOMME	040		CF		FO		001.3()	015.0	AA 03000	
	TOMME	050		HM	R	FO		181.3()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	DENNE	N345842.67	W0805554.50	N3458.711	W08055.908
	GLASI	N350635.30	W0805635.02	N3506.588	W08056.584
	HUNEX	N345533.83	W0805538.35	N3455.564	W08055.639
	KRISL	N345224.99	W0805522.22	N3452.417	W08055.370
	MARJO	N350151.51	W0805610.67	N3501.859	W08056.178
	NIVSE	N350500.34	W0805626.86	N3505.006	W08056.448
	SOLMN	N344916.15	W0805506.11	N3449.269	W08055.102
	TOMME	N352643.30	W0805819.13	N3526.722	W08058.319
	RW36C	N351159.97	W0805702.92	N3512.000	W08057.049
	IDQG (LOC)	N351353.95	W0805712.73	N3513.899	W08057.212

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW36C	00692		57

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ILS RWY 36C (CAT II), ILS RWY 36C (CAT III)
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