

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: 5.34 MILES AFTER NLSON/I-XUU 6.64 DME/RADAR OR AT 1.30 DME FIX CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 4000 ON CLT VOR/DME R-310 TO BUDKE/CLT 16.00 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 280.00 AND BZM VOR/DME R-184 TO (SEE FORM 8260-10) ADDITIONAL FLIGHT DATA: HOLD NW, RT, 130.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N BUDKE/BZM VOR/DME 31.51 DME, RT, 184.06 INBOUND CHART FAS OBST: 870 TOWER 351011N/0805757W CHART LOC RWY 36C/36R. CHART VDP AT 2.49 DME* DISTANCE VDP TO THLD 1.19 MILES. *LOC ONLY. CHART IN PLANVIEW: BUDKE/BZM 31.51 DME. CHART CIRCLING ICON.									
WELET/20.84 DME/RADAR (IAF)		NUXXY/17.68 DME/RADAR		002.96 / 3.15 (I-XUU)				6000											
NUXXY/17.68 DME/RADAR		LONIA/14.53 DME/RADAR		002.96 / 3.15 (I-XUU)				5000											
LONIA/14.53 DME/RADAR		CUNUK/11.37 DME/RADAR		002.96 / 3.15 (I-XUU)				4000											
CUNUK/11.37 DME/RADAR (IF)		DEFOX/8.22 DME/RADAR		002.96 / 3.15 (I-XUU)				3000											
DEFOX/8.22 DME/RADAR		NLSON/6.64 DME/RADAR		002.96 / 1.58 (I-XUU)				2500											
1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF) 2. PROFILE STARTS AT WELET/20.84 DME/RADAR 3. FAC: 002.96 FAF: NLSON/6.64 DME/RADAR DIST FAF TO MAP: 5.34 THLD: 5.34 4. MIN. ALT: WELET 7000, NUXXY 6000, LONIA 5000, CUNUK 4000, DEFOX 3000, NLSON 2500 5. DIST TO THLD FROM OM: - MM: - IM: 790 150 HAT: 1815 100 HAT: 861 GS ANT: 1120 6. MIN GS INCPT: 2500 GS ALT AT: NLSON 2500 OM: - MM: - IM: 841 7. GS ANGLE: 3.00 TCH: 55.0 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 36L	944	1800	200	944	1800	200	944	1800	200	944	1800	200							
S-LOC 36L	1180	2400	436	1180	2400	436	1180	4000	436	1180	4000	436							
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 36L: CAT A, B, C, D, RA 164, RVR 1400, HAT 150, DA 894 MSL. CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 36L: CAT A, B, C, D, RA 106, RVR 1200, HAT 100, DA 844 MSL. (SEE FORM 8260-10)																			
CITY AND STATE CHARLOTTE, NC		ELEVATION: 748 TDZE: 744 AIRPORT NAME: CHARLOTTE/DOUGLAS INTL		FACILITY IDENTIFIER: I-XUU		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 36L, AMDT 1 ILS RWY 36L (SA CAT I), ILS RWY 36L (CAT II) ILS RWY 36L (CAT III) 4/30/2015						SUP:							
												AMDT: ORIG-B							
												DATED 05/31/2012							



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION			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.		
ILS - STANDARD INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29					
MISSED APPROACH INSTRUCTIONS, (CONT.): BUDKE/BZM 31.51 DME AND HOLD (DME REQUIRED).					
NOTES, (CONT.): CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS- 36L: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb CAT A,B,C,D, RVR 600. CAT IIIc NA. CHART NOTE: CIRCLING NA AT NIGHT. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 36C/R. CHART NOTE: DME OR RADAR REQUIRED. CHART PLANVIEW NOTE: RADAR REQUIRED. SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.					
QUALITY 2 CHECKED					
CITY AND STATE CHARLOTTE, NC	ELEVATION: 748	TDZE: 744	FACILITY IDENTIFIER: I-XUU	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			ILS OR LOC RWY 36L, AMDT 1	AMDT: ORIG-B
	CHARLOTTE/DOUGLAS INTL			ILS RWY 36L (SA CAT I) , ILS RWY 36L (CAT II) ILS RWY 36L (CAT III) 4/30/2015	DATED: 05/31/2012

FLIGHT STANDARDS SERVICES - FAR 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.

[illegible][illegible][illegible][illegible][illegible][illegible]

QUALITY
15
CHECKED

SUP:	
AMDT:	ORIG-B
DATED:	05/31/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR 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.

SUSAP KCLTK7IIXUU3 011015RW36LN35134139W0805803620030N35121299W0805800961050 11200398300W00705500732

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1	2	3	4	5	6	7	8	9	0	1
	0	1	2	3	4	5	6	7	8	9	0	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3
	2	3	4	5	6	7	8	9	0	1	2	3	4
	3	4	5	6	7	8	9	0	1	2	3	4	5
	4	5	6	7	8	9	0	1	2	3	4	5	6
	5	6	7	8	9	0	1	2	3	4	5	6	7
	6	7	8	9	0	1	2	3	4	5	6	7	8
	7	8	9	0	1	2	3	4	5	6	7	8	9
	8	9	0	1	2	3	4	5	6	7	8	9	0
	9	0	1										

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION								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.				
ILS STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - FAR PART 97.29												
ARINC SUMMARY - 424-18 - ILS												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	WELET	WELET	010	IAF	IF		FB				AA 07000	
	WELET	NUXXY	020		TF		FB				AA 06000	
	WELET	LONIA	030		TF		FB				AA 05000	
	WELET	CUNUK	040		CF		FB		003.0()	003.2	AA 04000	
		CUNUK	010	FACF	IF		FB				AA 04000	GI 02500
		DEFOX	011	SDF	CF		FB		003.0()	003.2	AA 03000	
		NLSON	020	FAF	CF		FB		003.0()	001.6	GI 02500	GS 02500
		RW36L	030	MAP	CF		FO		003.0()	005.3	AT 00799	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		003.0()		AA 01200	
		BUDKE	050		CF		FO		310.0()	015.0	AA 04000	
		BUDKE	060		HM	R	FO		130.0()	001.0	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			
		IXUU (DME)	N351319.81		W0805806.84		N3513.330		W08058.114			
		BUDKE	N352035.48		W0811307.56		N3520.591		W08113.126			
		CUNUK	N350158.36		W0805703.18		N3501.973		W08057.053			
		DEFOX	N350507.46		W0805719.42		N3505.124		W08057.324			
		LONIA	N345849.25		W0805646.96		N3458.821		W08056.783			
		NLSON	N350642.02		W0805727.55		N3506.700		W08057.459			
		NUXXY	N345540.14		W0805630.74		N3455.669		W08056.512			
		WELET	N345231.02		W0805614.53		N3452.517		W08056.242			
		RW36L	N351202.23		W0805755.07		N3512.037		W08057.918			
		IXUU (LOC)	N351341.39		W0805803.62		N3513.690		W08058.060			
RUNWAY DATA		THRESHOLD		TCH								
		RWY	ELEVATION									
		RW36L	00744		55							



CITY AND STATE CHARLOTTE, NC	ELEVATION: 748	TDZE: 744	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: CHARLOTTE/DOUGLAS INTL		I-XUU	ILS OR LOC RWY 36L, AMDT 1	AMDT: ORIG-B
				ILS RWY 36L (SA CAT I), ILS RWY 36L (CAT II)	DATED: 05/31/2012
				ILS RWY 36L (CAT III)	4/30/2015