

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WELET (IAF)	NUXXY (FB)	002.96 / 3.15	6000
NUXXY	LONIA (FB)	002.96 / 3.15	5000
LONIA	CUNUK (FB)	002.96 / 3.15	4000
CUNUK (IF)	DEFOX (FB)	002.96 / 3.15	3000
DEFOX	NLSON (FB)	002.96 / 1.58	2500
NLSON (FAF)	RW36L (MAP) (FO)	002.96 / 5.34	
RW36L (MAP)	1200 MSL	002.96	1200
1200 MSL	BUDKE (FO)		4000

LPV: DA
LNAV/VNAV: DA
LNAV: RW36L

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 4000 DIRECT BUDKE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 132.00 INBOUND.
CHART FAS OBST: 888 TOWER 351203N/0805831W
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
CHART VDP AT 1.07 MILES TO RW36L*
*LNAV ONLY.
WAAS CHANNEL # 56515
REFERENCE PATH ID: W36A
CHART LOC RWY 36C/R.
CHART CIRCLING ICON.
LTP HAE: 199.5 M

MAG VAR: 7W EPOCH YEAR: 2000

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT WELET
3. FAC: 002.96 FAF: NLSON 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: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2500 GS ALT AT: NLSON 2500 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW36L 3800

MINIMUMS

TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A			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
LPV DA	944	2400	200	944	2400	200	944	2400	200	944	2400	200			
LNAV/VNAV DA	1049	2500	305	1049	2500	305	1049	2500	305	1049	2500	305			
LNAV MDA	1140	2400	396	1140	2400	396	1140	3500	396	1140	3500	396			
CIRCLING	1240	1	492	1240	1	492	1500	2 1/4	752	1500	2 1/2	752			

NOTES:
CHART NOTE: CIRCLING NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C (14F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ CAT C 800-2 1/4, CAT D 800-2 1/2



CITY AND STATE CHARLOTTE, NC	ELEVATION: 748 TDZE: 744 AIRPORT NAME: CHARLOTTE/DOUGLAS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 36L, AMDT 1 30 APRIL 2015	SUP: AMDT: ORIG-A DATED 03/08/2012
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
 CHART PLANVIEW NOTE: RADAR REQUIRED.
 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 36C/R.
 CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
 CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS



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	AIRPORT NAME: CHARLOTTE/DOUGLAS INTL				AMDT: ORIG-A
					DATED: 03/08/2012

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCLT
RUNWAY	RW36L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	351202.2290N
LTP/FTP LONGITUDE	0805755.0680W
LTP/FTP ELLIPSOIDAL HEIGHT	+01995
FPAP LATITUDE	351331.0185N
FPAP LONGITUDE	0805802.7105W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 109B077B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02267
FPAP ORTHOMETRIC HEIGHT	+02267



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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

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	1.0	003.0 (356.0T)	003.2	AA 06000	
	WELET	LONIA	030		TF		FB	1.0	003.0 (356.0T)	003.2	AA 05000	
	WELET	CUNUK	040		TF		FB	1.0	003.0 (356.0T)	003.2	AA 04000	
		CUNUK	010	FACF	IF		FB				AA 04000	
		DEFOX	011	SDF	TF		FB	0.5	003.0 (356.0T)	003.2	AA 03000	
		NLSON	020	FAF	TF		FB	0.5	003.0 (356.0T)	001.6	AA 02500	
		RW36L	030	MAP	TF		FO	0.3	003.0 (356.0T)	005.3	AT 00799	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		003.0 (356.0T)		AA 01200	
	BUDKE	050		DF	L	FO				AA 04000	
	BUDKE	060		HM	R	FO		132.0 (125.0T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	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

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36L	00744	54



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