

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - STANDARD,
INSTRUMENT APPROACH PROCEDURE,
TITLE 14 CFR PART 97.33

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	MAP: DA											
SOLMN (IAF)	KRISL (TF) (FB) (RNP 1.00)	002.98 / 3.15	7000	CLIMB TO 3000 ON TRACK 002.96 TO TOMME AND HOLD.											
KRISL	HUNEX (TF) (FB) (RNP 1.00)	002.98 / 3.15	6000												
HUNEX	DENNE (TF) (FB) (RNP 1.00)	002.97 / 3.15	5000												
DENNE	MARJO (TF) (FB) (RNP 1.00)	002.97 / 3.15	4000												
MARJO (IF)	NIVSE (TF) (FB) (RNP 0.50)	002.97 / 3.15	3000												
(SEE FORM 8260-10)				ADDITIONAL FLIGHT DATA: HOLD N, RT, 182.96 INBOUND. CHART FAS OBST: 799 TREE 351117N/0805712W CHART FAS OBST: 841 TREE 351101N/0805715W DISTANCE TO THLD FROM 333 HAT: 0.91 NM. ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S # TCH 749.3 MSL (DO NOT CHART)											
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT SOLMN 3. FAC: <u>002.97</u> FAF: <u>GLASI</u> DIST FAF TO MAP: <u> </u> THLD: <u> </u> 4. MIN. ALT: SOLMN 8000, KRISL 7000, HUNEX 6000, DENNE 5000, MARJO 4000, NIVSE 3000, GLASI 2500 5. DIST TO THLD FROM OM: <u>5.42</u> MM: <u> </u> IM: <u>150</u> HAT: <u>100</u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>GLASI 2500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>57.1#</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW36C 3900</u>															
					MAG VAR: 7W				EPOCH YEAR: 2000						
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
AUTHORIZATION REQUIRED															
RNP 0.11 DA	1040	4000	333	1040	4000	333	1040	4000	333	1040	4000	333			
RNP 0.30 DA	1143	5000	436	1143	5000	436	1143	5000	436	1143	5000	436			
NOTES: CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART PLANVIEW NOTE AT SOLMN: (RNP 0.50). (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 748		TDZE: 707		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
CHARLOTTE, NC		AIRPORT NAME:						RNAV (RNP) Z RWY 36C, ORIG-C				AMDT: ORIG-B			
		CHARLOTTE/DOUGLAS INTL						09 FEB 2012				DATED 07/28/2011			

QUALITY
A
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (RNP) - STANDARD,
INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
NIVSE	GLASI (TF) (FB) (RNP 0.50)	002.96 / 1.58	2500
GLASI (FAF)	RW36C (TF) (FO)	002.97 / 5.42	
RW36C (MAP)	TOMME (TF) (FO) (RNP 1.00)	002.96/14.74	3000

NOTES, (CONT.):

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -10C (14F) OR ABOVE 47C (117F).

CHART NOTE: FOR INOPERATIVE ASLF, INCREASE RNP 0.11 VISIBILITY ALL CATS TO RVR 6000 AND RNP 0.30 VISIBILITY ALL CATS TO 1 1/2 MILE.

CITY AND STATE
CHARLOTTE, NC

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

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (RNP) Z RWY 36C, ORIG-C
09 FEB 2012

SUP:
AMDT: ORIG-B
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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KCLTK7FR36CZ	ASOLMN	010SOLMNK7EA0E	A	IF				+ 08000	18000		A	PS
SUSAP	KCLTK7FR36CZ	ASOLMN	020KRISL7EA0E		010TF		00300032		+ 07000			A	PS
SUSAP	KCLTK7FR36CZ	ASOLMN	030HUNEXK7EA0E		010TF		00300032		+ 06000			A	PS
SUSAP	KCLTK7FR36CZ	ASOLMN	040DENNEK7EA0E		010TF		00300032		+ 05000			A	PS
SUSAP	KCLTK7FR36CZ	ASOLMN	050MARJOK7EA0EE	B	010TF		00300032		+ 04000			A	PS
SUSAP	KCLTK7FR36CZ	R	010MARJOK7EA0E	I	IF				+ 04000	18000		A	PS
SUSAP	KCLTK7FR36CZ	R	011NIVSEK7EA0E	S	051TF		00300032		+ 03000			A	PS
SUSAP	KCLTK7FR36CZ	R	020GLASIK7EA1E	F	051TF		00300016		+ 02500			RW36CBK7PGA	PS
SUSAP	KCLTK7FR36CZ	R	020GLASIK7EA2W							A031A112			PS
SUSAP	KCLTK7FR36CZ	R	030RW36CK7PG0GY	M	031TF		00300054		00749		-300	A	PS
SUSAP	KCLTK7FR36CZ	R	040TOMMEK7EA0EYM		010TF		00300147		+ 03000			A	PS
SUSAP	KCLTK7FR36CZ	R	050TOMMEK7EA0EE	R	HM		18300040		+ 03000			A	PS

[illegible][illegible]

SUP:	
AMDT:	ORIG-B
DATED:	07/28/2011

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

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ARINC SUMMARY - 424-18 - RNAV (RNP)

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	1.0	003.0(356.0T)	003.2	AA 07000	
	SOLMN	HUNEX	030		TF		FB	1.0	003.0(356.0T)	003.2	AA 06000	
	SOLMN	DENNE	040		TF		FB	1.0	003.0(356.0T)	003.2	AA 05000	
	SOLMN	MARJO	050		TF		FB	1.0	003.0(356.0T)	003.2	AA 04000	
		MARJO	010	FACF	IF		FB				AA 04000	
		NIVSE	011	SDF	TF		FB	0.5	003.0(356.0T)	003.2	AA 03000	
		GLASI	020	FAF	TF		FB	0.5	003.0(356.0T)	001.6	AA 02500	
		RW36C	030	MAP	TF		FO	0.3	003.0(356.0T)	005.4	AT 00749	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	TOMME	040		TF		FO	1.0	003.0(356.0T)	014.7	AA 03000	
	TOMME	050		HM	R	FO		183.0(176.0T)	004.0	AA 03000	

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

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RW36C	00692		57

CITY AND STATE
CHARLOTTE, NC

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

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (RNP) Z RWY 36C, ORIG-C

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