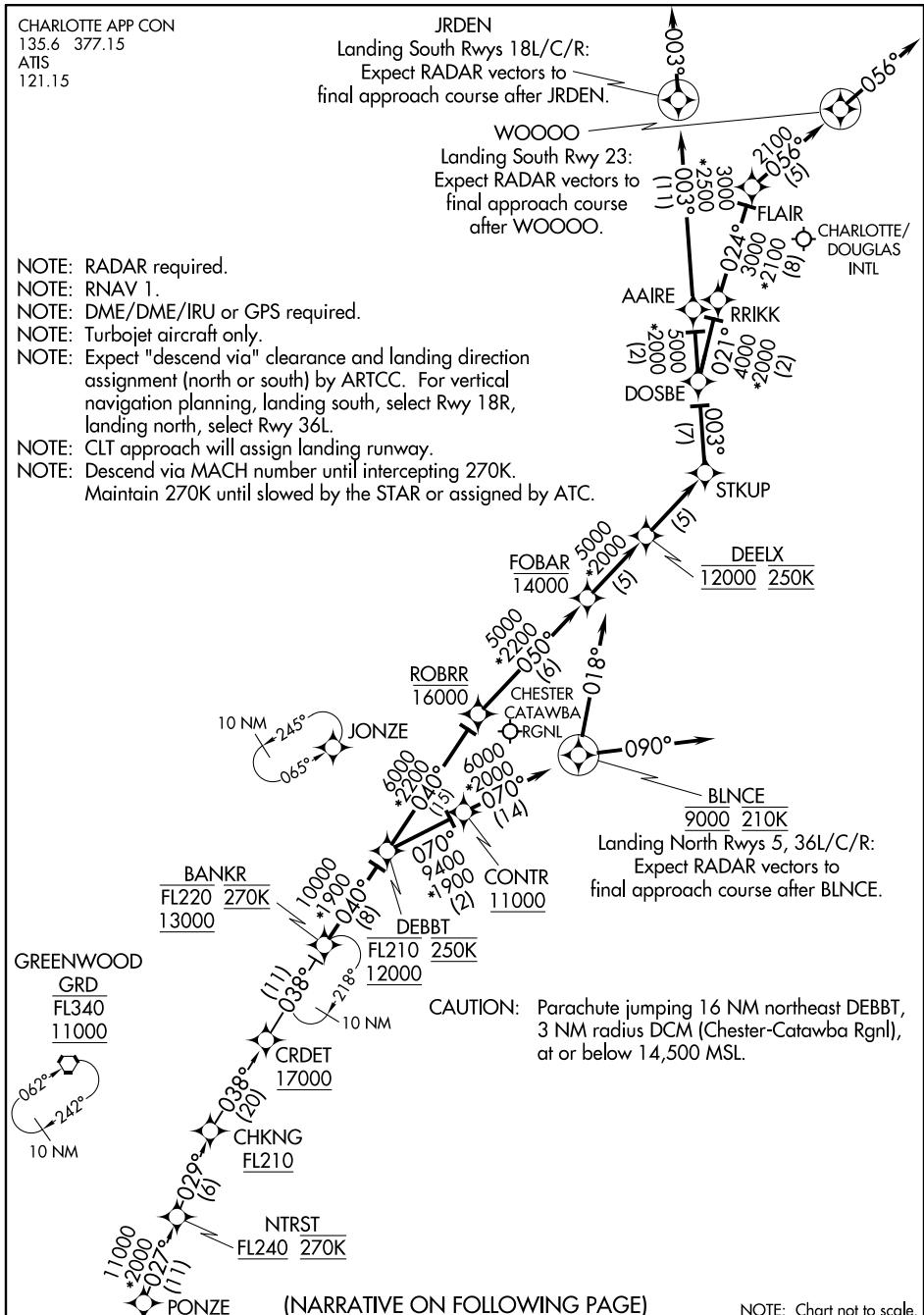


BANKR ONE ARRIVAL (RNAV)

CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINA

ARRIVAL ROUTE DESCRIPTION

PONZE TRANSITION (PONZE.BANKR1)LANDING CLT:

From BANKR on track 040° to cross DEBBT between 12000 and FL210 and at 250K.

LANDING NORTH: RWYS 36L/C/R: From DEBBT on track 070° to cross CONTR at or above 11000, then on track 070° to cross BLNCE at 9000 and at 210K, then on heading 090°. Expect RADAR vectors to final approach course.

LANDING NORTH: RWY 5: From DEBBT on track 070° to cross CONTR at or above 11000, then on track 070° to cross BLNCE at 9000 and at 210K, then on heading 018°. Expect RADAR vectors to final approach course.

LANDING SOUTH: RWYS 18L/C/R: From DEBBT on track 040° to cross ROBRR at or below 16000, then on track 050° to cross FOBAR at or below 14000, then on track 050° to cross DEELX at 12000 and at 250K, then on track 050° to STKUP, then on track 003° to DOSBE, then on track 003° to AAIRE, then on track 003° to JRDEN, then on track 003°. Expect RADAR vectors to final approach course.

LANDING SOUTH: RWY 23: From DEBBT on track 040° to cross ROBRR at or below 16000, then on track 050° to cross FOBAR at or below 14000, then on track 050° to cross DEELX at 12000 and at 250K, then on track 050° to STKUP, then on track 003° to DOSBE, then on track 021° to RRIKK, then on track 024° to FLAIR, then on track 056° to WOOOO, then on track 056°. Expect RADAR vectors to final approach course.

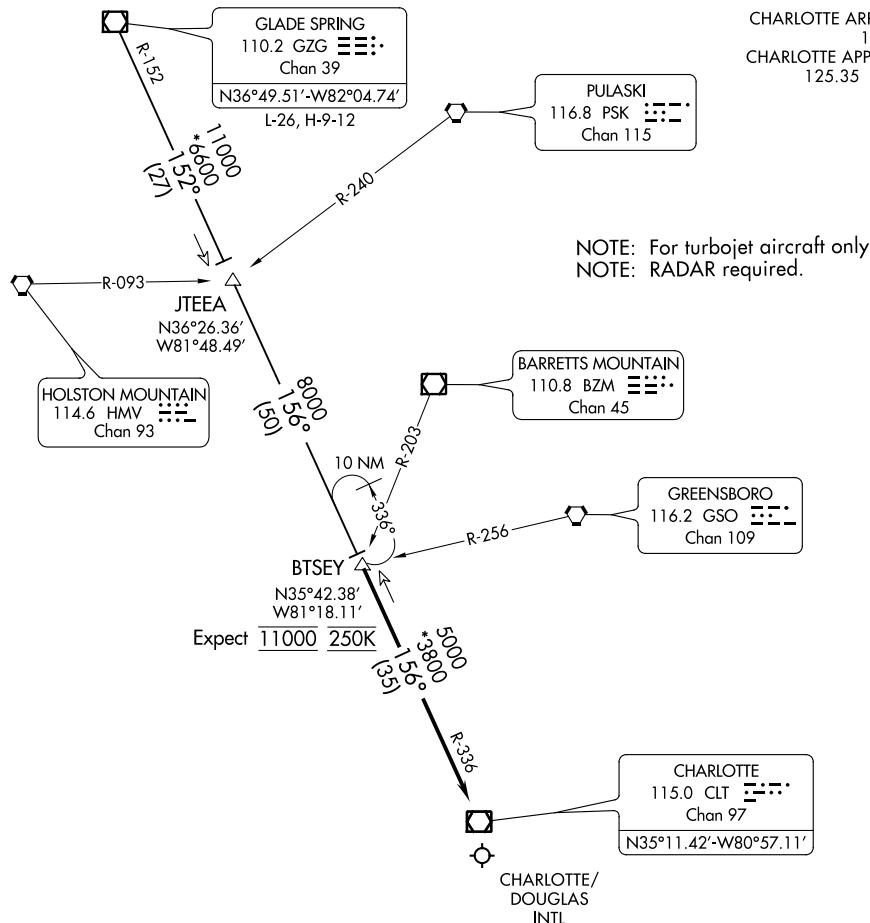
(BTSEY.BTSEY2) 16091

BTSEY TWO ARRIVAL

ST-78 (FAA)

CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINA

CHARLOTTE ARR ATIS
121.15
CHARLOTTE APP CON
125.35 257.2



SE-2 10 NOV 2016 to 08 DEC 2016

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

GLADE SPRINGS TRANSITION (GZG.BTSEY2): From over GZG VOR/DME on GZG R-152 to JTEEA, then on CLT R-336 to BTSEY. Thence

. . . . from BTSEY on CLT R-336 to CLT VOR/DME. Expect RADAR vectors to final approach course prior to CLT VOR/DME.

BTSEY TWO ARRIVAL
(BTSEY.BTSEY2) 31MAR16

CHARLOTTE, NORTH CAROLINA
CHARLOTTE/DOUGLAS INTL (CLT)

SE-2, 10 NOV 2016 to 08 DEC 2016

(CHSLY.CHSLY1) 16147

ST-78 (FAA)

CHSLY ONE ARRIVAL (RNAV)

Transition Routes

CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINA

CHARLOTTE APP CON
126.15 282.325
ATIS ARR
121.15

NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

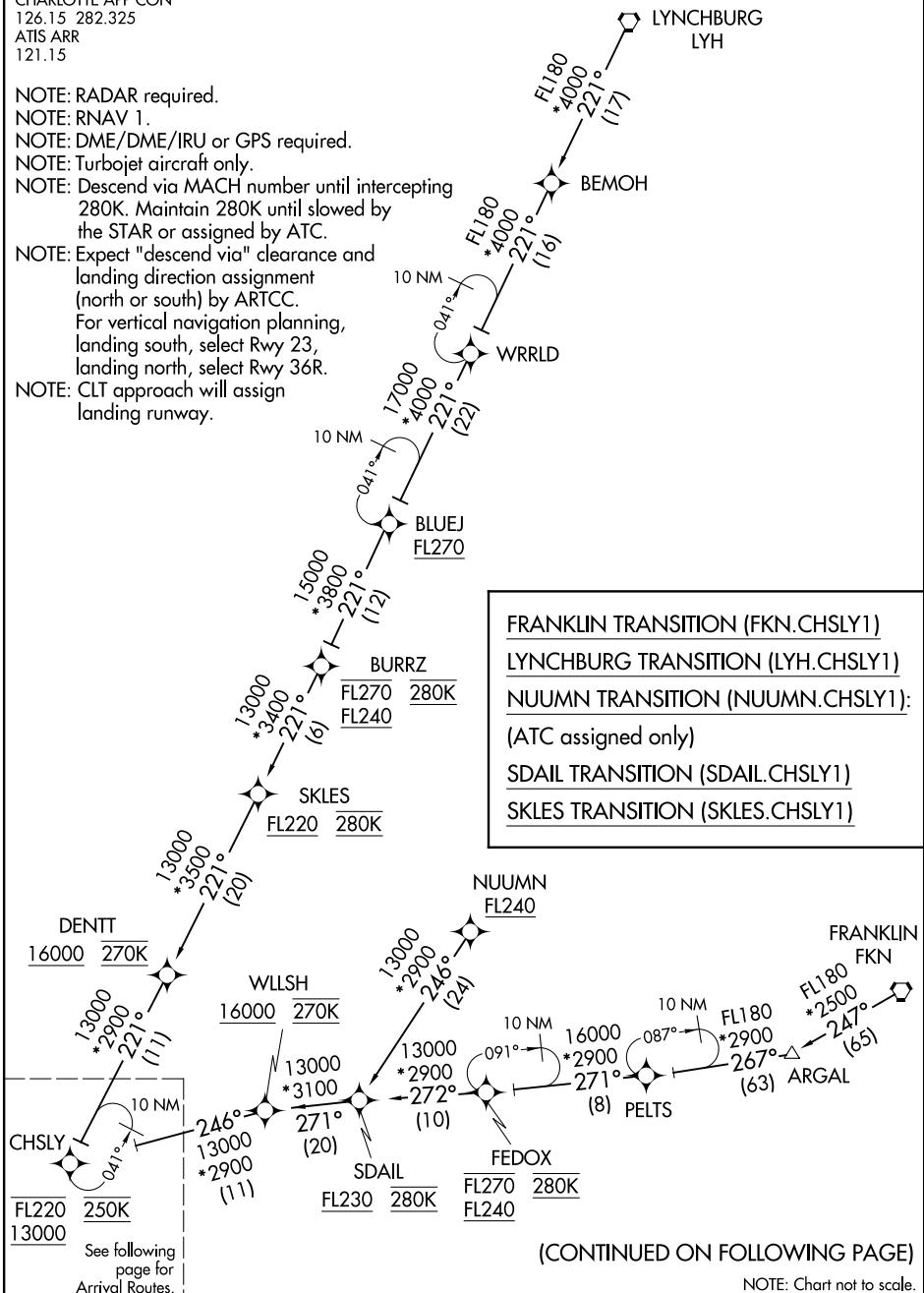
NOTE: Descend via MACH number until intercepting 280K. Maintain 280K until slowed by the STAR or assigned by ATC.

NOTE: Expect "descend via" clearance and landing direction assignment (north or south) by ARTCC.

For vertical navigation planning, landing south, select Rwy 23, landing north, select Rwy 36R.

NOTE: CLT approach will assign landing runway.

SE-2 10 NOV 2016 to 08 DEC 2016



CHSLY ONE ARRIVAL (RNAV) Transition Routes
(CHSLY.CHSLY1) 26MAY16

CHARLOTTE, NORTH CAROLINA
CHARLOTTE/DOUGLAS INTL (CLT)

SE-2, 10 NOV 2016 to 08 DEC 2016

(CHSLY.CHSLY1) 16147

CHSLY ONE ARRIVAL (RNAV)

ST-78 (FAA)

Arrival Routes

CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINA

CHARLOTTE APP CON
126.15 282.325
ATIS ARR
121.15

CHSLY
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ARRIVAL ROUTE DESCRIPTION

From CHSLY on track 221° to cross SUDSY at or above 11000, then on track 217° to cross SLPOH between 10000 and 21000.

LANDING NORTH: RWY 5, 36L/C/R: From SLPOH on track 219° to cross JAMGO between 10000 and 16000 and at 250K, then on track 218° to cross WHIZE between 9000 and 12000, then on track 218° to cross CAATT at 9000 and at 210K, then on track 183° to cross EPAYE at 6000 and at 210K, then on track 183°. Expect RADAR vectors to final approach course.

LANDING SOUTH: RWY 18L/C/R: From SLPOH on track 249° to cross JOHSN at 9000 and at 230K, then on track 249°.

Expect RADAR vectors to final approach course.

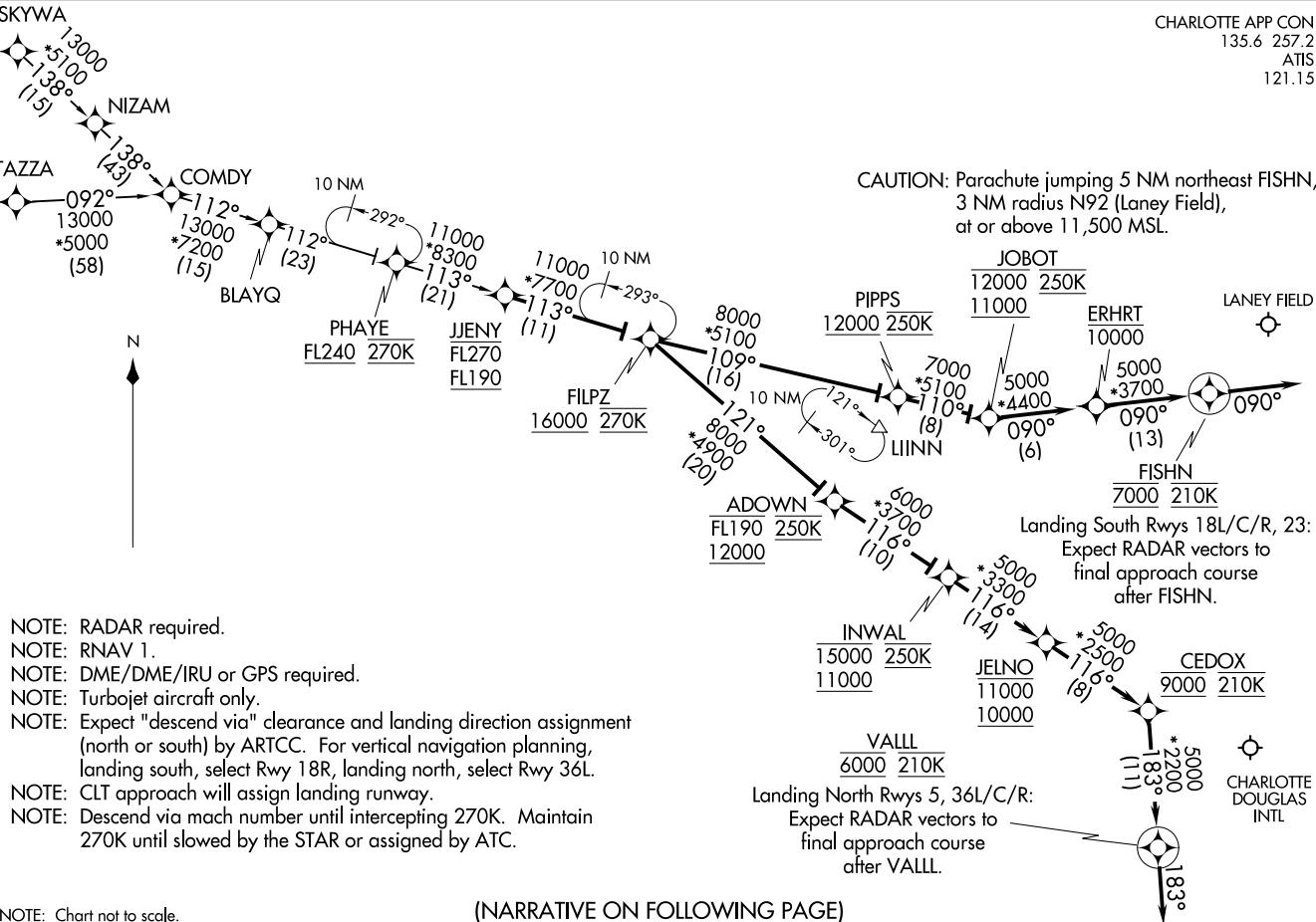
LANDING SOUTH: RWY 23: From SLPOH on track 201° to cross NODEW between 8000 and 9000 and at 230K, then on track 201° to cross BLNCO at or above 7000, then on track 236° to cross JEPHS at or above 6000. Expect ILS or LOC to Rwy 23.

CHARLOTTE APP CON
135.6 257.2
ATIS
121.15

CAUTION: Parachute jumping 5 NM northeast FISHN,
3 NM radius N92 (Laney Field),
at or above 11,500 MSL.

CHARLOTTE DOUGLAS INTL

FILPZ TWO ARRIVAL (RNAV) (JJENY,FILPZ2) 21JUL16



ARRIVAL ROUTE DESCRIPTION

COMDY TRANSITION (COMDY.FILPZ2):

SKYWA TRANSITION (SKYWA.FILPZ2):

TAZZA TRANSITION (TAZZA.FILPZ2):

From JJENY on track 113° to cross FILPZ at or above 16000 and at 270K.

LANDING RWYS 5, 36L/C/R: From FILPZ on track 121° to cross ADOWN between 12000 and FL190 and at 250K, then on track 116° to cross INWAL between 11000 and 15000 and at 250K, then on track 116° to cross JELNO between 10000 and 11000, then on track 116° to cross CEDOX at 9000 and at 210K, then on track 183° to cross VALLL at 6000 and at 210K, then on track 183°. Expect RADAR vectors to final approach course.

LANDING RWYS 18L/C/R, 23: From FILPZ on track 109° to cross PIPPS at or above 12000 and at 250K, then on track 110° to cross JOBOT between 11000 and 12000 and at 250K, then on track 090° to cross ERHRT at or below 10000, then on track 090° to cross FISHN at 7000 and at 210K, then on track 090°. Expect RADAR vectors to final approach course.

CHARLOTTE APP CON
135.6 377.15
ATIS
121.15



JONZE ONE ARRIVAL (RNAV)
(JONZE,JONZE1) 2 JUL 16

NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

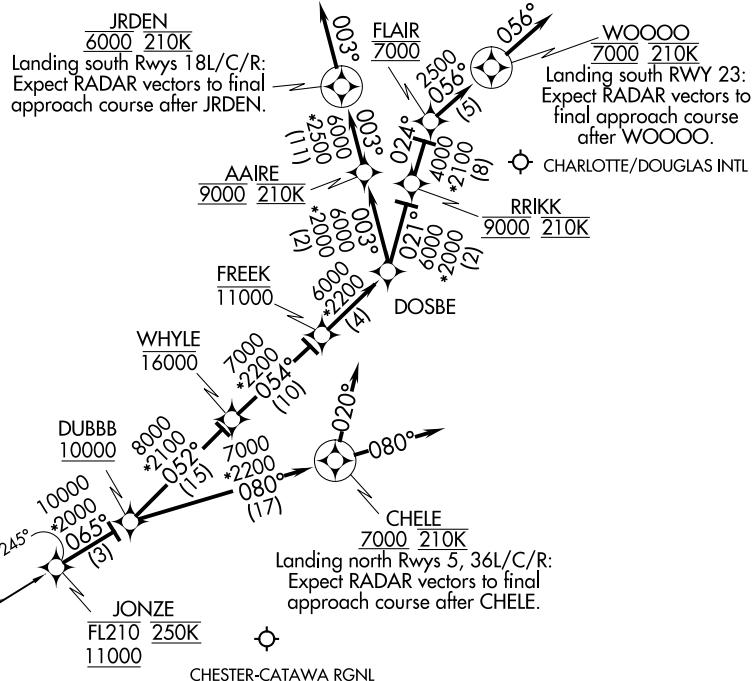
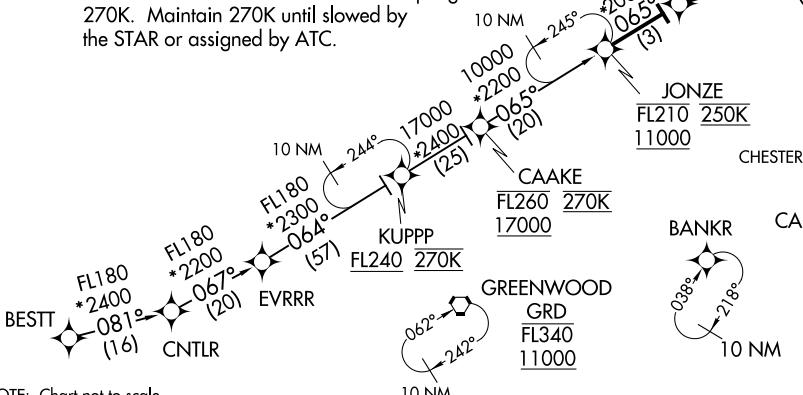
NOTE: Turbojet aircraft only.

NOTE: Expect "descend via" clearance and landing direction assignment (north or south) by ARTCC.

For vertical navigation planning, landing south, select Rwy 18R, landing north, select Rwy 36L.

NOTE: CLT approach will assign landing runway.

NOTE: Descend via MACH number until intercepting 270K. Maintain 270K until slowed by the STAR or assigned by ATC.



(NARRATIVE ON FOLLOWING PAGE)

CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINA

ARRIVAL ROUTE DESCRIPTION

BEST TRANSITION (BEST.JONZE1):

CNTRL TRANSITION (CNTRL.JONZE1): (For ATL Departures only).

From JONZE on track 065° to cross DUBBB at or above 10000.

LANDING NORTH RWY 05: From DUBBB on track 080° to cross CHELE at or above 7000 and at 210K, then on heading 020°. Expect RADAR vectors to final approach course.

LANDING SOUTH RWYS 18R/C/L: From DUBBB on track 052° to cross WHYLE at or below 16000, then on track 054° to cross FREEK at or below 11000, then on track 054° to DOSBE, then on track 003° to cross AAIRE at 9000 and at 210K, then on track 003° to cross JRDEN at 6000 and at 210K, then on track 003°. Expect RADAR vectors to final approach course.

LANDING SOUTH RWY 23: From DUBBB on track 052° to cross WHYLE at or below 16000, then on track 054° to cross FREEK at or below 11000, then on track 054° to DOSBE, then on track 021° to cross RRIKK at 9000 and at 210K, then on track 024° to cross FLAIR at 7000, then on track 056° to cross WOOOO at 7000 and at 210K, then on track 056°. Expect RADAR vectors to final approach course.

LANDING NORTH RWYS 36R/C/L: From DUBBB on track 080° to cross CHELE at or above 7000 and at 210K, then on track 080°. Expect RADAR vectors to final approach course.

CHARLOTTE ARR ATIS 121.15
CHARLOTTE APP CON 125.35 257.2

(JALIT.LIIN2) 15288
LIIN TWO ARR

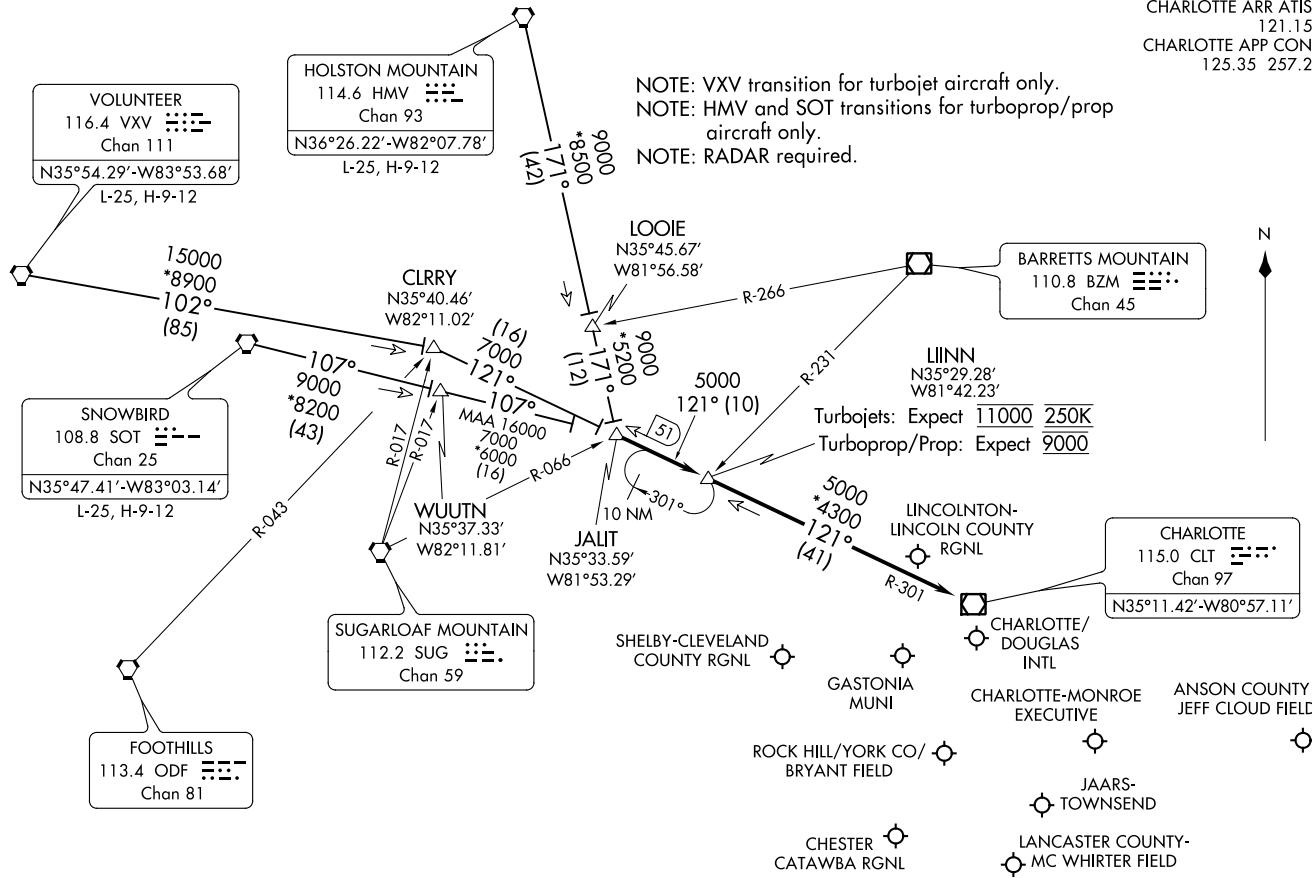
LINN TWO ARRIVAL
(JALIT.LINN2) 15288

15288

LIIN TWO ARRIVAL

ST-78 (FAA)

CHARLOTTE, NORTH CAROLINA



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

HOLSTON MOUNTAIN TRANSITION (HMV.LIINN2): From over HMV VORTAC on HMV R-171 to JALIT. Thence

SNOWBIRD TRANSITION (SOT.LIINN2): From over SOT VORTAC on SOT R-107 to JALIT. Thence

VOLUNTEER TRANSITION (VXV.LIINN2): From over VXV VORTAC on VXV R-102 to CLRRY, then on CLT R-301 to JALIT. Thence

. . . . from JALIT on CLT R-301 to LIINN, then on CLT R-301 to CLT VOR/DME. Expect RADAR vectors to destination airport or final approach course prior to CLT VOR/DME.

(MAJIC.MAJIC1) 16315

ST-78 (FAA)

MAJIC ONE ARRIVAL

CHARLOTTE, NORTH CAROLINA

CHARLOTTE/DOUGLAS
ATIS ARR 121.15
CHARLOTTE APP CON
126.15 282.325

ROANOKE
109.4 ROA
Chan 31
N37°20.61' - W80°04.22'
L-26, H-10-12

MAYOS
N36°19.59' - W79°59.79'
TURBOJET VERTICAL NAVIGATION PLANNING INFORMATION

Expect FL220.
MAJIC
N35°48.71' - W80°26.17'
TURBOJET VERTICAL NAVIGATION PLANNING INFORMATION
Expect 13,000'/250K.

SUDSY
N35° 44.58'
W80° 29.63'

CLT [10]

CLT [5]

CLT [5]

R-039

CLT [5]

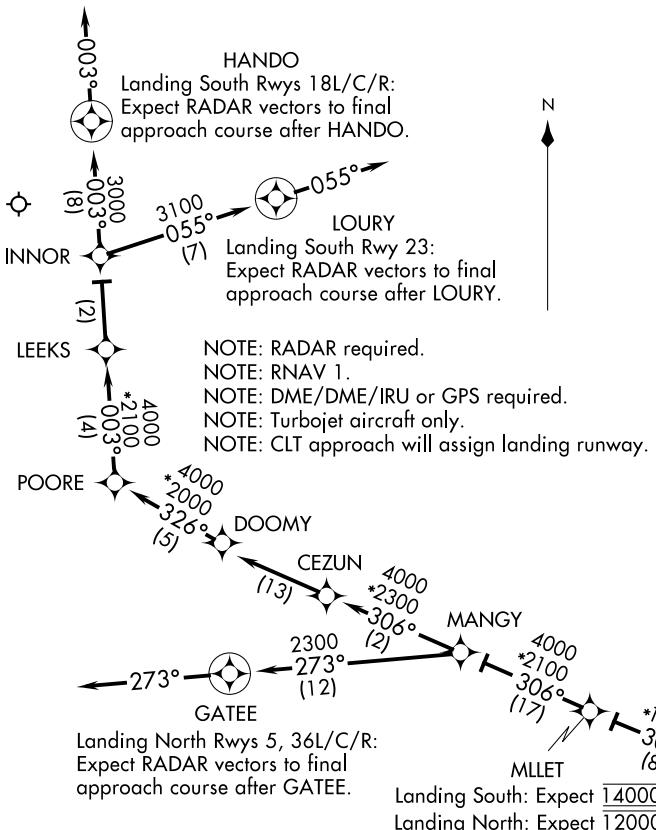
CHARLOTTE APP CON
126.15 282.325
ATIS
121.15

MLLET ONE ARRIVAL (RNAV)

MLLET ONE ARRIVAL (RNAV)
(RYFLE,MLLET1) 21JUL16

ST-78 (FAA)

CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINA



ARRIVAL ROUTE DESCRIPTION

CLT: From RYFLE on track 308° to YELLS, then on track 308° to MLLET, then on track 306° to MANGY.

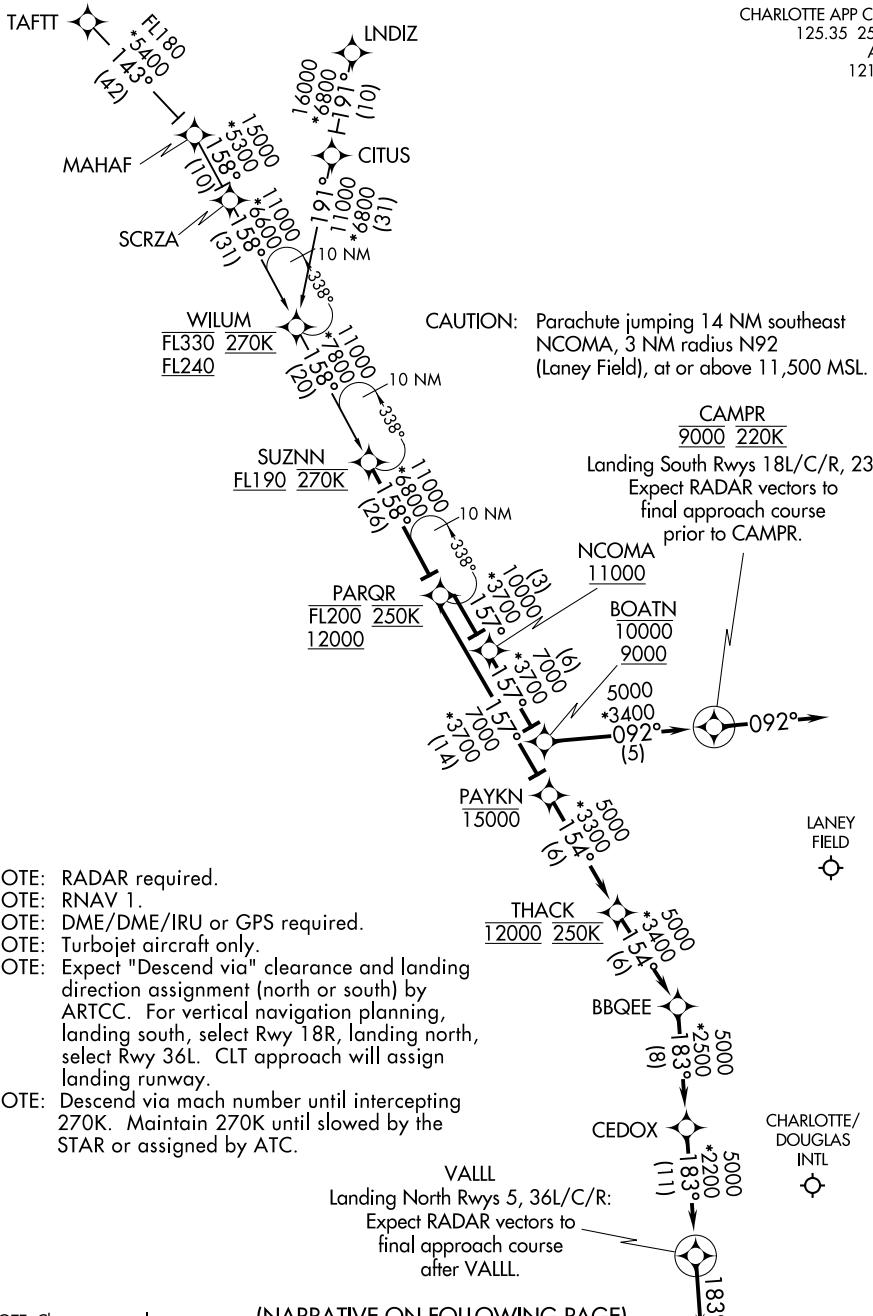
LANDING RWYS 18L/C/R: From MANGY on track 306° to CEZUN, then on track 306° to DOOMY, then on track 326° to POORE, then on track 003° to LEEKS, then on track 003° to INNOR, then on track 003° to HANDO, then on track 003°. Expect RADAR vectors to final approach course.

LANDING RWY 23: From MANGY on track 306° to CEZUN, then on track 306° to DOOMY, then on track 326° to POORE, then on track 003° to LEEKS, then on track 003° to INNOR, then on track 055° to LOURY, then on track 055°. Expect RADAR vectors to final approach course.

LANDING RWYS 5, 36L/C/R: From MANGY on track 273° to GATEE, then on track 273°. Expect RADAR vectors to final approach course.

NOTE: Chart not to scale.

PARQR TWO ARRIVAL (RNAV)

CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINACHARLOTTE APP CON
125.35 257.2
ATIS
121.15

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL ROUTE DESCRIPTION

LNDIZ TRANSITION (LNDIZ.PARQR2)TAFTT TRANSITION (TAFTT.PARQR2)WILUM TRANSITION (WILUM.PARQR2): (ATC assigned only.)

From SUZNN on track 158° to cross PARQR between 12000 and FL200 and at 250K.

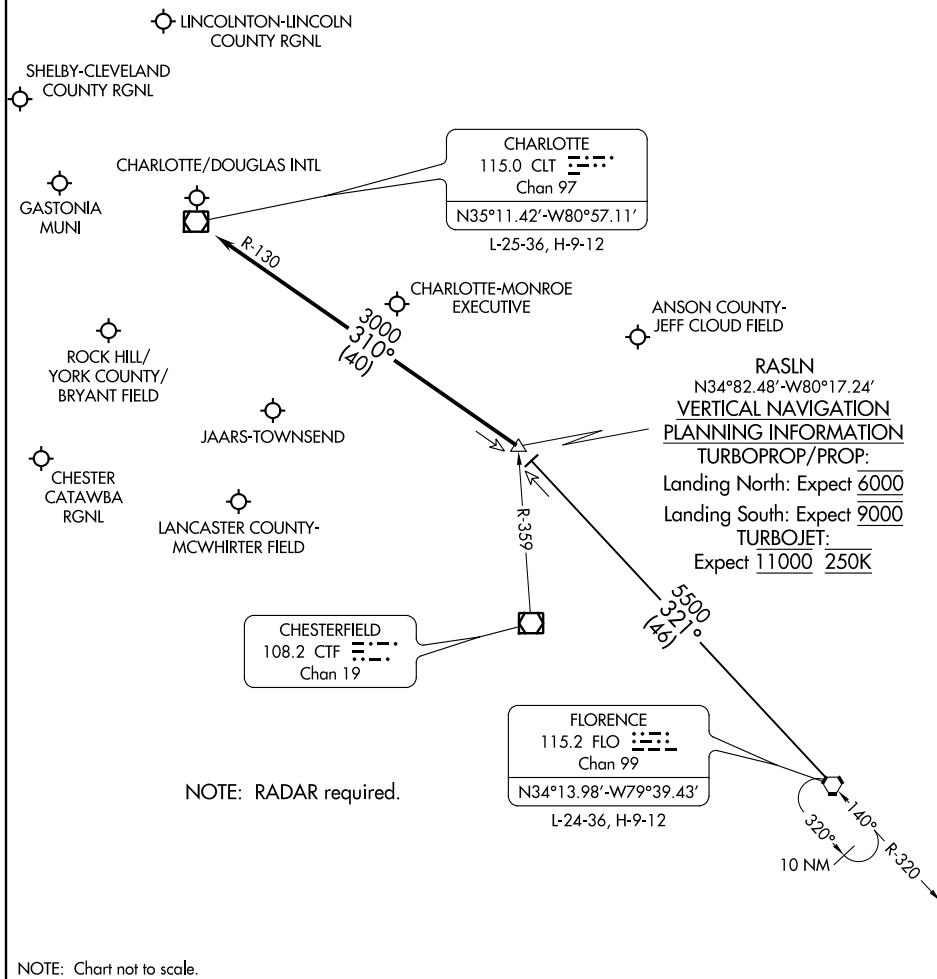
LANDING NORTH: RWYS 5, 36L/C/R: From PARQR on track 157° to cross PAYKN at or below 15000, then on track 154° to cross THACK at 12000 and at 250K, then on track 154° BBQEE, then on track 183° to CEDOX, then on track 183° to VALL, then on track 183°. Expect RADAR vectors to final approach course.

LANDING SOUTH: RWYS 18L/C/R, 23: From PARQR on track 157° to cross NCOMA at or above 11000, then on track 157° to cross BOATN between 9000 and 10000, then on track 092° to cross CAMPR at 9000 and at 220K, then on track 092°. Expect RADAR vectors to final approach course.

RASLN ONE ARRIVAL

CHARLOTTE, NORTH CAROLINA

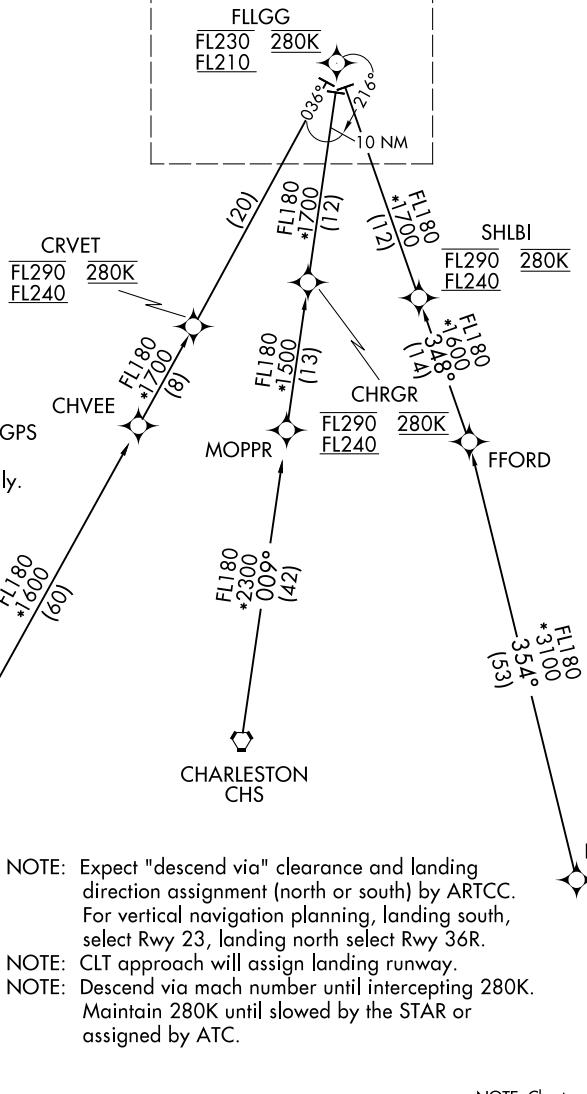
CHARLOTTE APP CON
126.15 282.325
ATIS
121.15

**ARRIVAL ROUTE DESCRIPTION**

FLORENCE TRANSITION (FLO.RASLN1): From over FLO VORTAC on FLO R-321 to RASLN INT. Thence

. . . . from RASLN on CLT R-130 to CLT VOR/DME. Expect RADAR vectors to destination airport or final approach course prior to CLT VOR/DME.

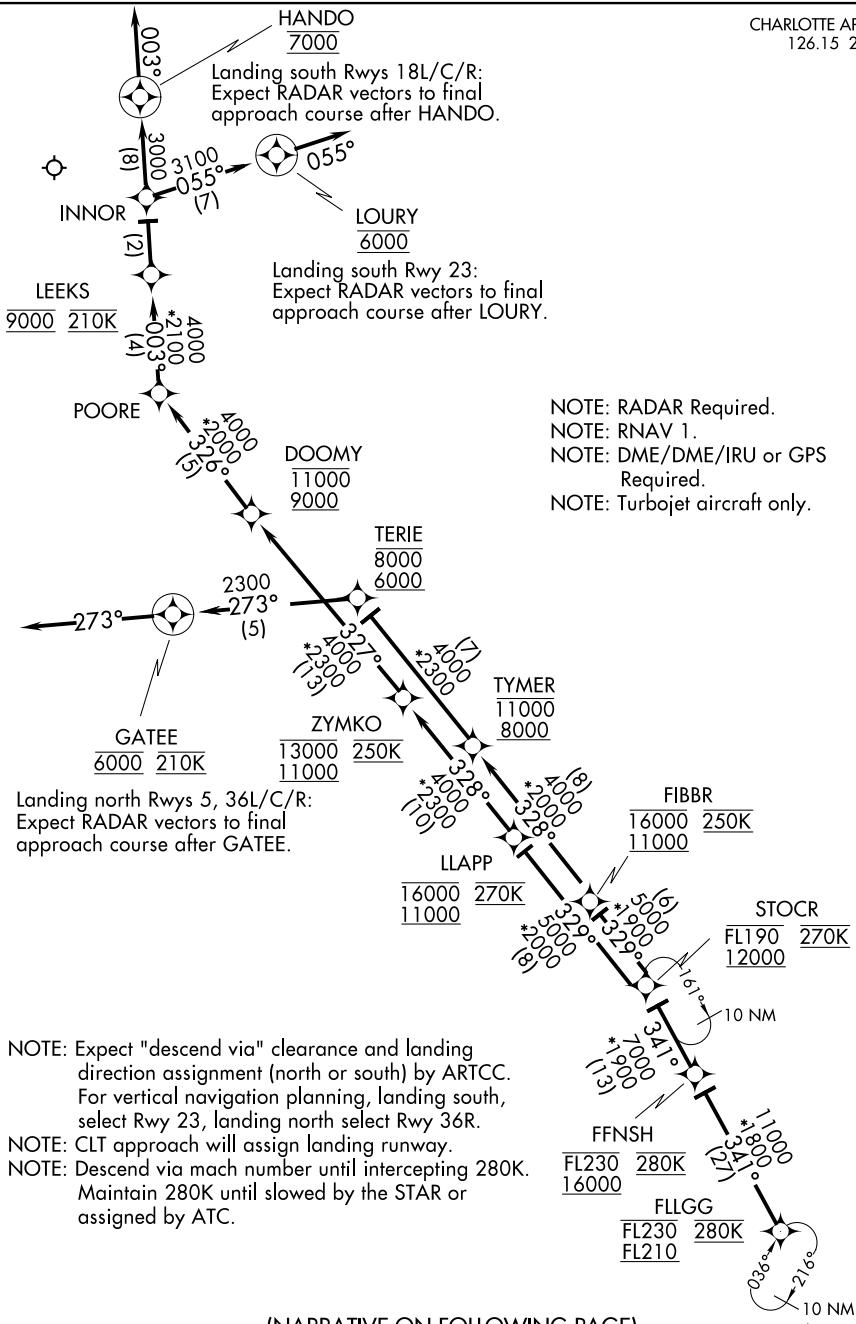
STOCR ONE ARRIVAL (RNAV) Transition Routes

CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINACHARLOTTE APP CON
126.15 282.325
ATIS
121.15See following page
for Arrival Routes.

CHARLESTON TRANSITION (CHS.STOCR1)
PITRW TRANSITION (PITRW.STOCR1)
SAVANNAH TRANSITION (SAV.STOCR1)

(CONTINUED ON FOLLOWING PAGES)

CHARLOTTE APP CON
126.15 282.325
ATIS
121.15



NOTE: Expect "descend via" clearance and landing direction assignment (north or south) by ARTCC. For vertical navigation planning, landing south, select Rwy 23. landing north select Rwy 36R.

NOTE: CLT approach will assign landing runway.

NOTE: Descend via mach number until intercepting 280K.
Maintain 280K until slowed by the STAR or
assigned by ATC.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

ARRIVAL ROUTE DESCRIPTION

LANDING CLT:

From FLLGG on track 341° to cross FFNSH between 16000 and 23000 and at 280K, then on track 341° to cross STOCR between 12000 and FL190 and at 270K.

LANDING NORTH: RWYS 5, 36L/C/R: From STOCR on track 329° to cross FIBBR between 11000 and 16000 and at 250K, then on track 328° to cross TYMER between 8000 and 11000, then on track 328° to cross TERIE between 6000 and 8000, then on track 273° to cross GATEE at 6000 and at 210K, then on track 273°. Expect RADAR vectors to final approach course.

LANDING SOUTH: RWYS 18L/C/R: From STOCR on track 329° to cross LLAPP between 11000 and 16000 and at 270K, then on track 328° to cross ZYMKO between 11000 and 13000 and at 250K, then on track 327° to cross DOOMY between 9000 and 11000 , then on track 326° to POORE, then on track 003° to cross LEEKS at 9000 and at 210K, then on track 003° to INNOR, then on track 003° to cross HANDO at 7000 , then on track 003°. Expect RADAR vectors to final approach course.

LANDING SOUTH: RWY 23: From STOCR on track 329° to cross LLAPP between 11000 and 16000 and at 270K , then on track 328° to cross ZYMKO between 11000 and 13000 and at 250K, then on track 327° to cross DOOMY between 9000 and 11000 , then on track 326° to POORE, then on track 003° to cross LEEKS at 9000 and at 210K, then on track 003° to INNOR, then on track 055° to cross LOURY at 6000 , then on track 055°. Expect RADAR vectors to final approach course.

UNARM THREE ARRIVAL
(UNARM,UNARM3) 07MAY13

CHARLOTTE APP CON
135.6 377.15
CHARLOTTE/DOUGLAS
ATIS 121.15

SPARTANBURG
115.7 SPA :--:
Chan 104

NOTE: Landing other than Charlotte/Douglas
Intl: Expect radar vectors to destination
airport or final approach course prior
to the CLT 10 DME fix.

NOTE: Radar required.

NOTE: Chart not to scale.

GREENWOOD
115.5 GRD :--:
Chan 102
N34°15.09'-W82°09.25'

ATLANTA
116.9 ATL :--:
Chan 116
N33°37.74'-W84°26.10'

L-18, H-9-12
11000
076°
(120)
LUKES
N34°01.85'-W82°09.44'
TURBOJET VERTICAL
PLANNING INFORMATION
Expect FL240.

COLLIERS
113.9 IRQ :--:
Chan 86
N33°42.44'-W82°09.72'
L-24, H-9-12

SHELBY-CLEVELAND
COUNTY RGNL

LINCOLNTON-LINCOLN
COUNTY RGNL

CHARLOTTE/DOUGLAS
INTL

ROWAN COUNTY

CONCORD RGNL

STANLY COUNTY

CHARLOTTE
115.0 CLT :--:
Chan 97
N35°11.42'-W80°57.11'

CHARLOTTE-MONROE
EXECUTIVE

JAARS-TOWNSEND

ANSON COUNTY -
JEFF CLOUD FIELD

LANCASTER COUNTY-
MCWHIRTER FIELD

UNARM
N34°39.29'-W81°38.56'
5000
047
(35)

PLANNING INFORMATION

Landing South: Expect 12000/250K.

Landing North: Expect 11000/250K.

COLUMBIA
114.7 CAE :--:
Chan 94

11000
005°
(91)

R-103
R-135
R-150
R-227
R-25A
R-182
R-283

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CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

LOC/DME I-BQC 108.9 Chan 26	APP CRS 003°	Rwy Idg TDZE Apt Elev	8390 727 748
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ILS RWY 36R (CAT II & III) CHARLOTTE/DOUGLAS INTL (CLT)

CHARLOTTE/DOUGLAS INTL (CLT)

T A Simultaneous approach authorized with Rwy 36C/L.
DME or RADAR Required.

ALSF-2

MISSED APPROACH: Climb to 1320 then climbing right turn to 4000 on CLT VOR/DME R-093 to LOCAS INT/24.9 DME and hold.

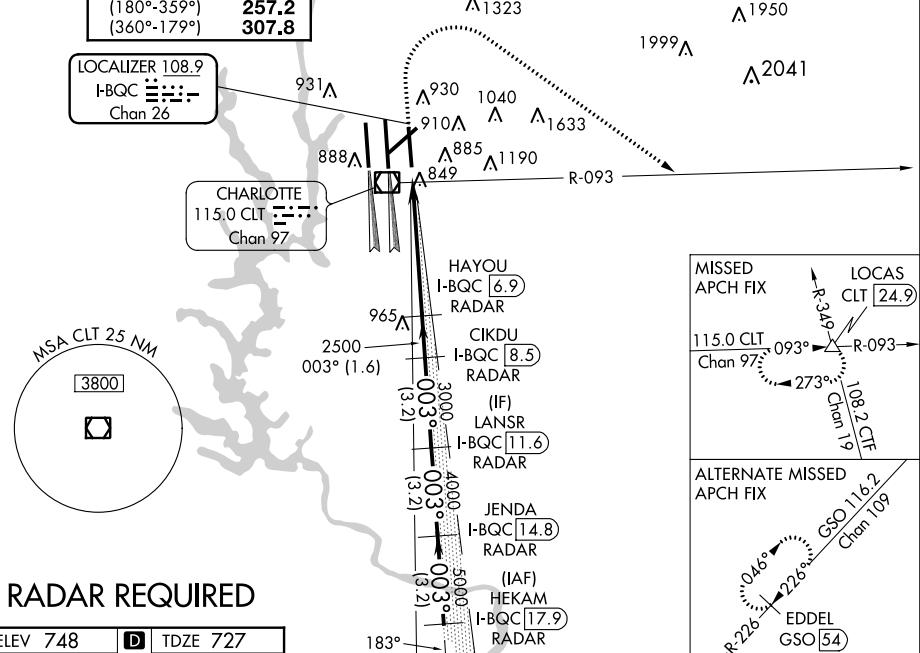
ATIS
ARR 121.15
DEP 132.1

CHARLOTTE APP CON
(001°-119°) 128.3
(120°-245°) 120.0
(246°-360°) 121.5

CHARLOTTE TOWER		
(Rwys 18L-36R, 5-23)	118.1	257.8
(Rwy 18C-36C)	126.4	257.8
(Rwy 18R-36L)	132.25	257.8

GND CON

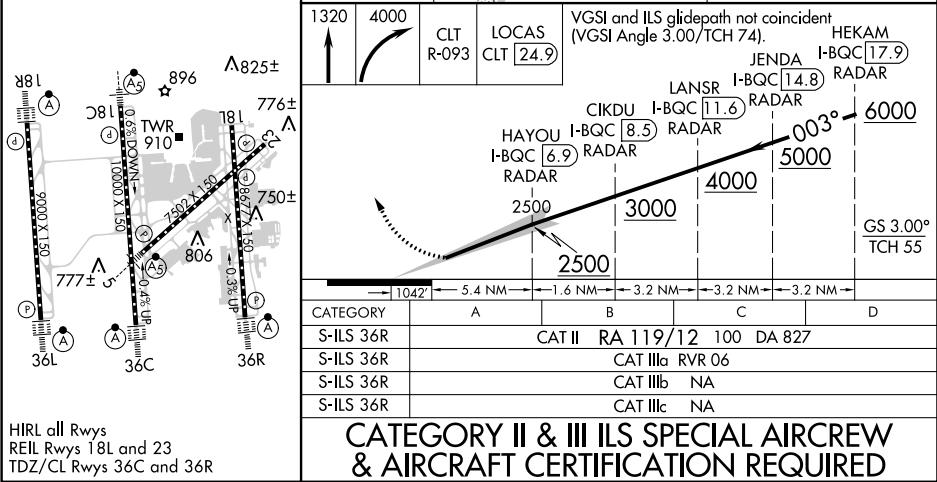
	CLNC DEL
6	127.15
6	348.6



RADAR REQUIRED

ELEV 748 P TDZE 727

2022 / 23



CHARLOTTE, NORTH CAROLINA
Amdt 12 30APR15

CHARLOTTE/DOUGLAS INTL (CLT)

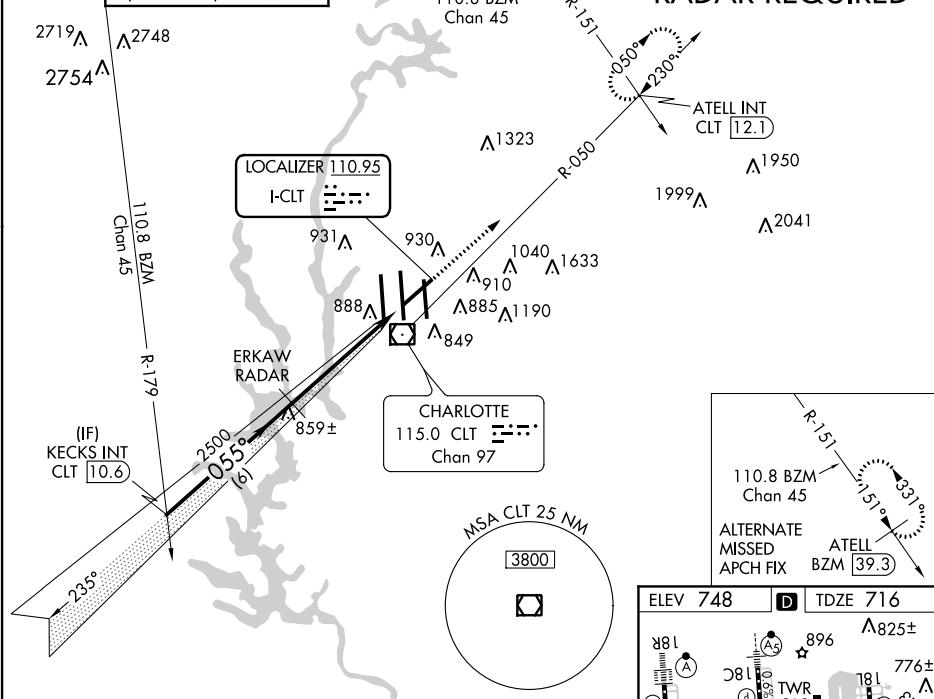
35°13'N-80°57'W

**CHARLOTTE DOUGLAS INT'L (CLT)
ILS RWY 36R (CAT II & III)**

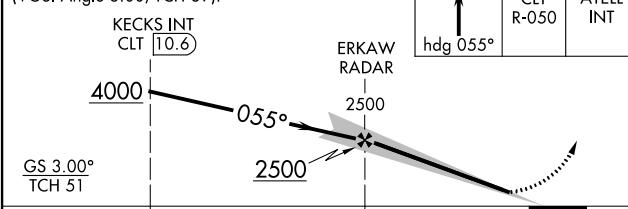
LOC I-CLT 110.95	APP CRS 055°	Rwy Idg 7092 TDZE Apt Elev 716 748
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ILS or LOC RWY 5 CHARLOTTE/DOUGLAS INTL(CLT)

ATIS ARR 121.15 DEP 132.1	CHARLOTTE APP CON (001°-119°) 128.32 (120°-245°) 120.05 (246°-360°) 134.75 (180°-359°) 257.2 (360°-179°) 307.8	CHARLOTTE TOWER (Rwys 18L-36R, 5-23) 118.1 257.8 (Rwy 18C-36C) 126.4 257.8 (Rwy 18R-36L) 133.35 257.8	GND CON (180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6	CLNC DEL 127.15 348.6
			MALSR 	MISSED APPROACH: Climb to 4000 via heading 055° and CLT VOR/DME R-050 to ATELL INT/CLT 12.1 DME and hold, continue climb-in-hold to 4000.



VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 89).



CATEGORY	A	B	C	D
S-ILS 5		* 916/24 200 (200-1/2)		
S-LOC 5	1120/24 404 (400-1/2)		1120/40 404 (400-3/4)	
C CIRCLING	1240-1 492 (500-1)	1500-2 1/4 752 (800-2 1/4)	1500-2 1/2 752 (800-2 1/2)	FAF TO MAP 5.4 NM

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

LOC/DME I-XUU 110.15	APP CRS 003°	Rwy Idg 9000 TDZE 744 Apt Elev 748
Chan 38(Y)		

**ILS RWY 36L (CAT II & III)
CHARLOTTE/DOUGLAS INTL (CLT)**

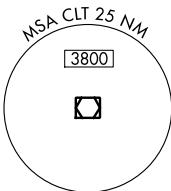
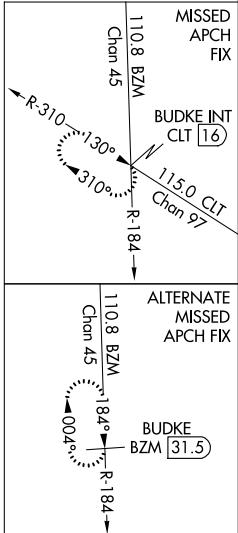
- ▼ Simultaneous approach authorized with Rwy 36C/R.
 ▲ DME or RADAR Required.

ALSF-2
(A)

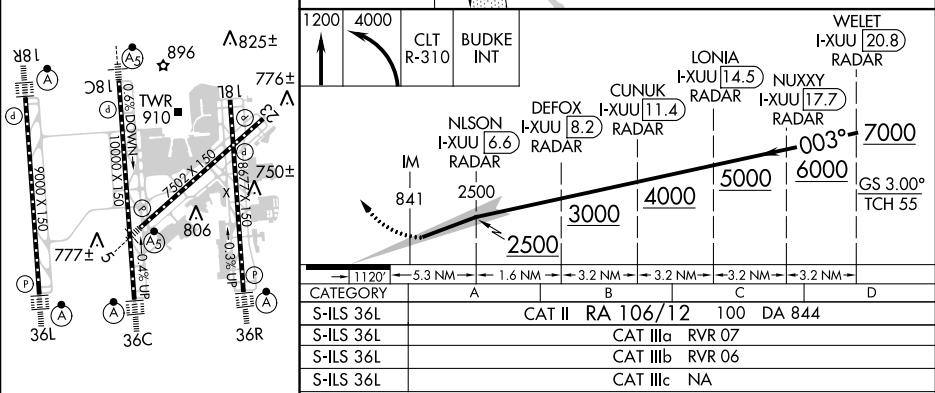
MISSIED APPROACH: Climb to 1200 then climbing left turn to 4000 on CLT VOR/DME R-310 to BUDKE INT/CLT 16 DME and hold.

ATIS
ARR 121.15
DEP 132.1CHARLOTTE APP CON
(001°-119°) **128.32**
(120°-245°) **120.05**
(246°-360°) **134.75**
(180°-359°) **257.2**
(360°-179°) **307.8**CHARLOTTE TOWER
(Rwys 18L-36R, 5-23) **118.1** **257.8**
(Rwy 18C-36C) **126.4** **257.8**
(Rwy 18R-36L) **133.35** **257.8**GND CON
(180°-359°) **121.8** **348.6**
(360°-179°) **121.9** **348.6**CLNC DEL
127.15
348.6LOCALIZER 110.15
I-XUU : - Chan 38(Y)

1999A A 2041



ELEV 748 D TDZE 744

RADAR REQUIRED**CATEGORY II & III ILS SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED**HIRL all Rwy's
REIL Rwy's 18L and 23
TDZ/CL Rwy's 36C and 36RCHARLOTTE, NORTH CAROLINA
Amdt 1 30APR15

35°13'N-80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)
ILS RWY 36L (CAT II & III)

SE-2, 10 NOV 2016 to 08 DEC 2016

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

WAAS CH 45906 W23A	APP CRS 236°	Rwy Idg 7502 TDZE 747 Apt Elev 748
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RNAV (GPS) Y RWY 23

CHARLOTTE/DOUGLAS INTL (CLT)

▼ Circling NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

MISSIED APPROACH: Climb to 4000 direct KECKS and hold, continue climb-in-hold to 4000.

ATIS ARR 121.15 DEP 132.1	CHARLOTTE APP CON (001°-119°) (120°-245°) (246°-360°) (180°-359°) (360°-179°)	CHARLOTTE TOWER (Rwys 18L-36R, 5-23) 118.1 257.8 (Rwy 18C-36C) 126.4 257.8 (Rwy 18R-36L) 133.35 257.8	GND CON (180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6	CLNC DEL 127.15 348.6
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RADAR REQUIRED

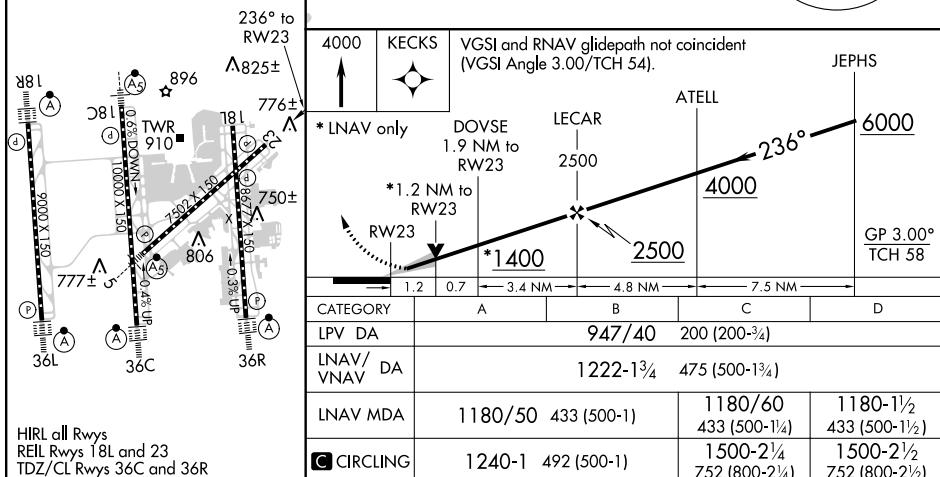
A2334

2719A A2748
A2754

(IF) JEPHS



ELEV 748 TDZE 747



CHARLOTTE, NORTH CAROLINA

Amdt 1A 28APR16

35°13'N 80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)

RNAV (GPS) Y RWY 23

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

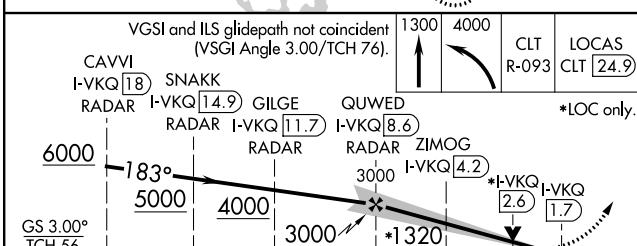
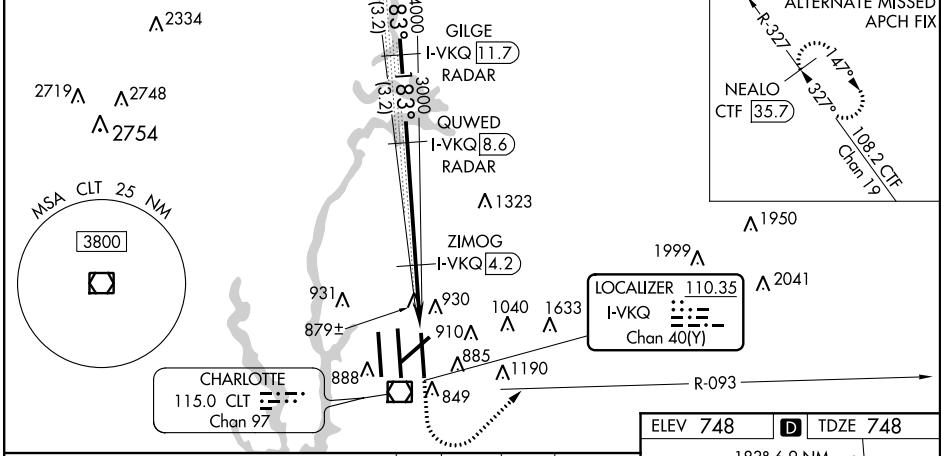
16315

LOC/DME I-VKG 110.35	APP CRS 183°	Rwy Idg 8676
Chan 40 (Y)		TDZE 748

V Circling NA at night. Simultaneous approach authorized with Rwy 18C/R.
 ▲ DME or RADAR required. Helicopter visibility reduction below $\frac{3}{4}$ SM NA.

ATIS	CHARLOTTE APP CON	CHARLOTTE TOWER	GND CON	CLNC DEL
ARR 121.15	(001°-119°) 128.32	(Rwys 18L-36R, 5-23) 118.1	(180°-359°) 121.8	127.15
DEP 132.1	(120°-245°) 120.05	(Rwy 18C-36C) 126.4	(360°-179°) 121.9	348.6
	(246°-360°) 134.75	(Rwy 18R-36L) 133.35		
	(180°-359°) 257.2			
	(360°-179°) 307.8			

RADAR REQUIRED



CATEGORY	A	B	C	D
S-ILS 18L	998/40	250 (300-3/4)		
S-LOC 18L	1320/55 572 (600-1 1/8)	1320-1 5/8 572 (600-1 1/8)		
C CIRCLING	1320-1 572 (600-1)	1500-2 1/4 752 (800-2 1/4)	1500-2 1/2 752 (800-2 1/2)	

ZIMOG FIX MINIMUMS (DME REQUIRED)			
S-LOC 18L	1140/55 392 (400-1 1/8)	1140/60 392 (400-1 1/4)	FAF to MAP 6.9 NM
C CIRCLING	1240-1 492 (500-1)	1500-2 1/4 752 (800-2 1/4)	Knots 60 90 120 150 180

HIRL all Rwy's
REIL Rwy's 18L and 23
TDZ/CL Rwy's 36C and 36R

Min:Sec 6:54 4:36 3:27 2:46 2:18

CHARLOTTE, NORTH CAROLINA

Amdt 9 12DEC15

35°13'N 80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)

ILS or LOC RWY 18L

LOC/DME I-APU 109.5 Chan 32	APP CRS 235°	Rwy Idg 7502 TDZE 747 Apt Elev 748
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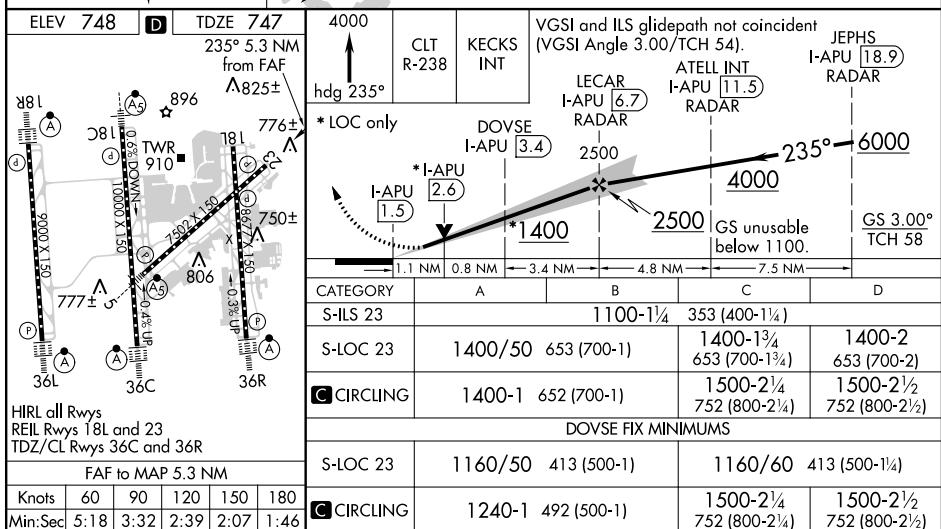
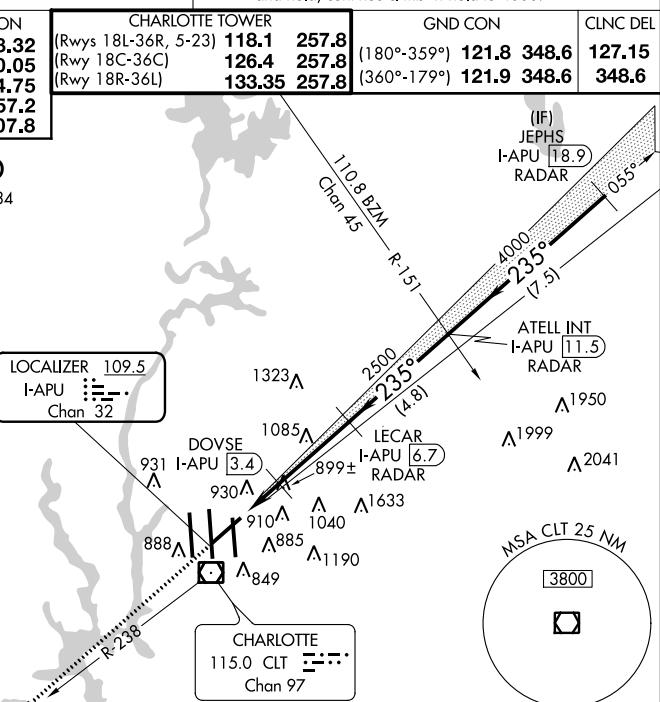
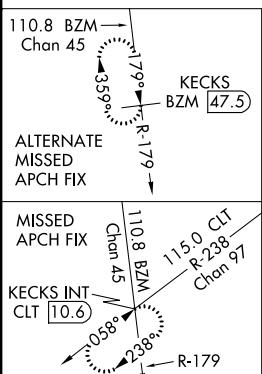
ILS or LOC RWY 23

CHARLOTTE/DOUGLAS INTL (CLT)

MISSSED APPROACH: Climb to 4000 via heading 235° and CLT R-238 to KECKS INT/CLT 10.6 DME and hold, continue climb-in-hold to 4000.

ATIS	CHARLOTTE APP CON (001°-119°) (120°-245°) (246°-360°) (180°-359°) (360°-179°)	CHARLOTTE TOWER (Rwys 18L-36R, 5-23) (Rwy 18C-36C) (Rwy 18R-36L)	GND CON	CLNC DEL
ARR 121.15	128.32	118.1 257.8	121.8 348.6	127.15
DEP 132.1	120.05	126.4 257.8	121.9 348.6	348.6

RADAR REQUIRED

 Λ^{2334}
 Λ^{2719} Λ^{2748}
 Λ^{2754}


HIRL all Rwy
REIL Rwy 18L and 23
TDZ/CL Rwy 36C and 36R

FAF to MAP 5.3 NM

Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

LOC/DME I-XUU 110.15	APP CRS 003°	Rwy Idg 9000
Chan 38(Y)		TDZE 744
		Apt Elev 748

ILS or LOC RWY 36L

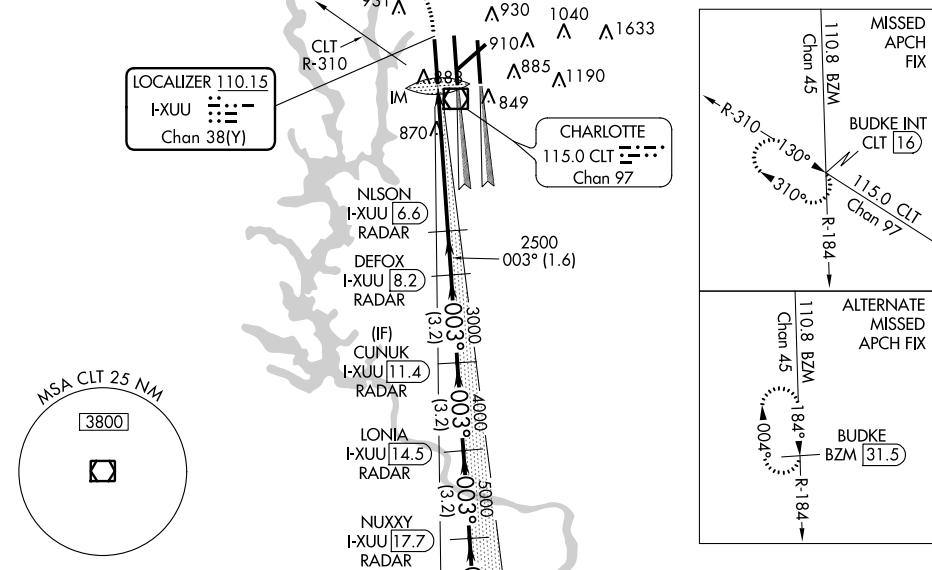
CHARLOTTE/DOUGLAS INT'L (CLT)

▼ Circling NA at night. Simultaneous approach authorized
▲ with Rwy 36C/R. DME or RADAR required.

ALSF-2

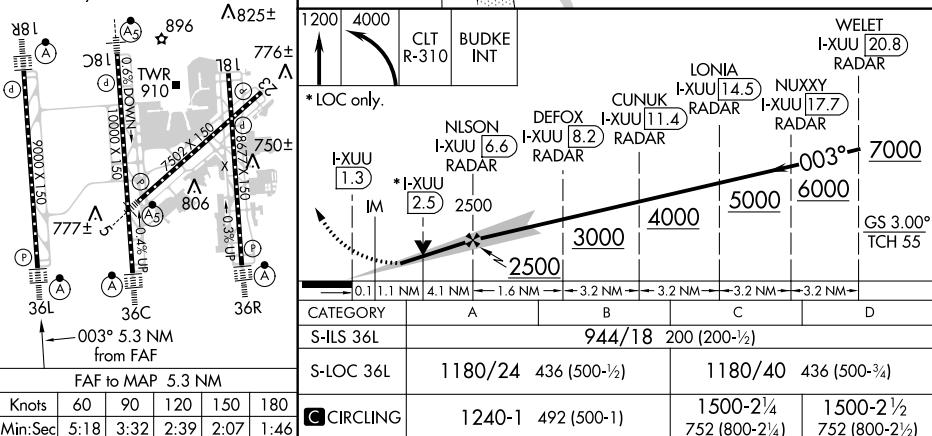
MISSIED APPROACH: Climb to 1200 then climbing
left turn to 4000 on CLT VOR/DME R-310 to
BUDKE/CLT 16 DME and hold.

ATIS	CHARLOTTE APP CON	CHARLOTTE TOWER	GND CON	CLNC DEL
ARR 121.15	(001°-119°) 128.32	(Rwys 18L-36R, 5-23) 118.1 257.8	(180°-359°) 121.8 348.6	127.15
DEP 132.1	(120°-245°) 120.05	(Rwy 18C-36C) 126.4 257.8	(360°-179°) 121.9 348.6	348.6
	(246°-360°) 134.75	(Rwy 18R-36L) 133.35 257.8		
	(180°-359°) 257.2			
	(360°-179°) 307.8			



ELEV 748 D TDZE 744

HIRL all Rwy
REIL Rwy 18L and 23
TDZ/CL Rwy 36C and 36R



CHARLOTTE, NORTH CAROLINA

Amdt 1 30APR15

35°13'N 80°57'W

CHARLOTTE/DOUGLAS INT'L (CLT)

ILS or LOC RWY 36L

WAAS CH 82415 W18D	APP CRS 183°	Rwy Idg Rwy 18C/L Apt Elev 744 748	9000 744 748
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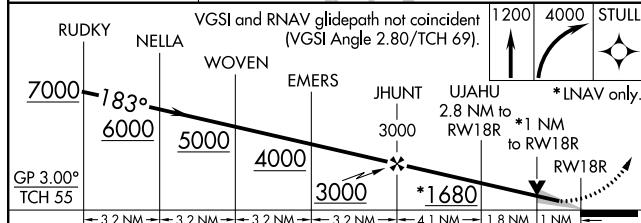
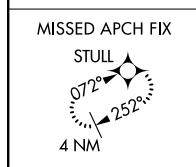
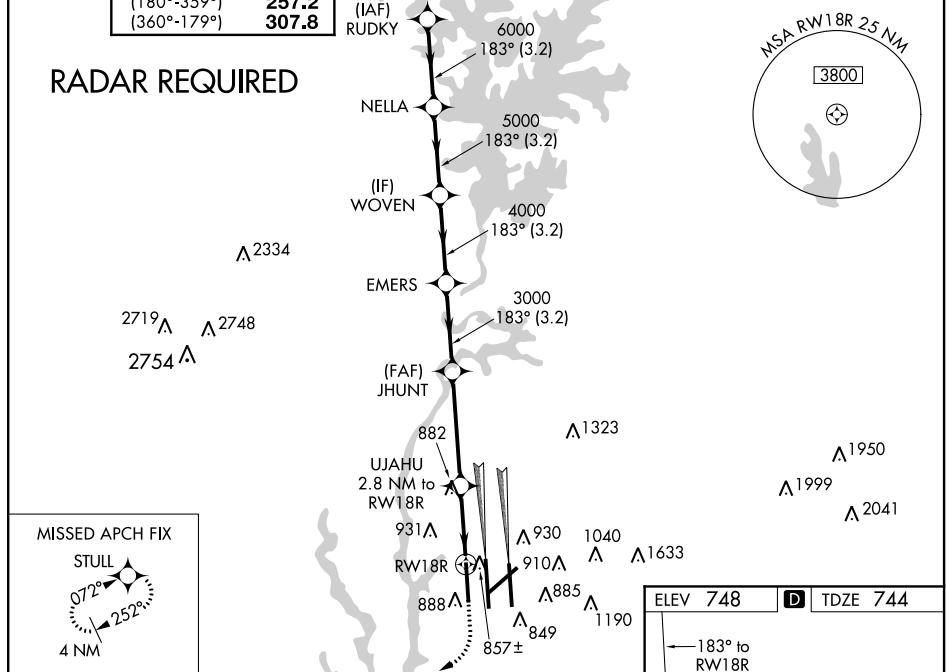
▼ Circling NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C (14°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.
 ▲ Simultaneous approach authorized with Rwy 18C/L. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

RNAV (GPS) Y RWY 18R

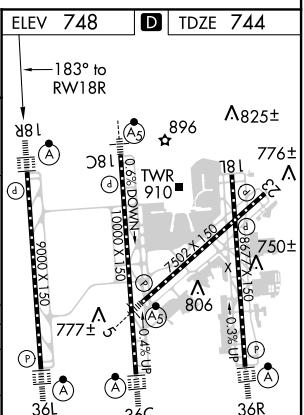
CHARLOTTE/DOUGLAS INTL (CLT)

ATIS ARR 121.15 DEP 132.1	CHARLOTTE APP CON (001°-119°) (120°-245°) (246°-360°) (180°-359°) (360°-179°)	CHARLOTTE TOWER (Rwys 18L-36R, 5-23) 118.1 257.8 (Rwy 18C-36C) 126.4 257.8 (Rwy 18R-36L) 133.35 257.8	GND CON (180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6	CLNC DEL 127.15 348.6
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RADAR REQUIRED



CATEGORY	A	B	C	D
LPV DA	944/24	200 (200-1/2)		
LNAV/VNAV DA	1018/24	274 (300- 1/2)		
LNAV MDA	1160/24 416 (500-1/2)	1160/40 416 (500-3/4)		
C CIRCLING	1240-1 492 (500-1)	1500-2 1/4 752 (800-2 1/4)	1500-2 1/2 752 (800-2 1/2)	



HIRL all Rwy's
REIL Rwy's 18L and 23
TDZ/CL Rwy's 36C and 36R

WAAS CH 56515 W36A	APP CRS 003°	Rwy Idg TDZE Apt Elev	9000 744 748
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▼ Circling NA at night. For uncompensated Baro-VNAV systems, LNAV-VNAV NA below -10°C (14°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Simultaneous approach authorized with RWY 36C/R. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

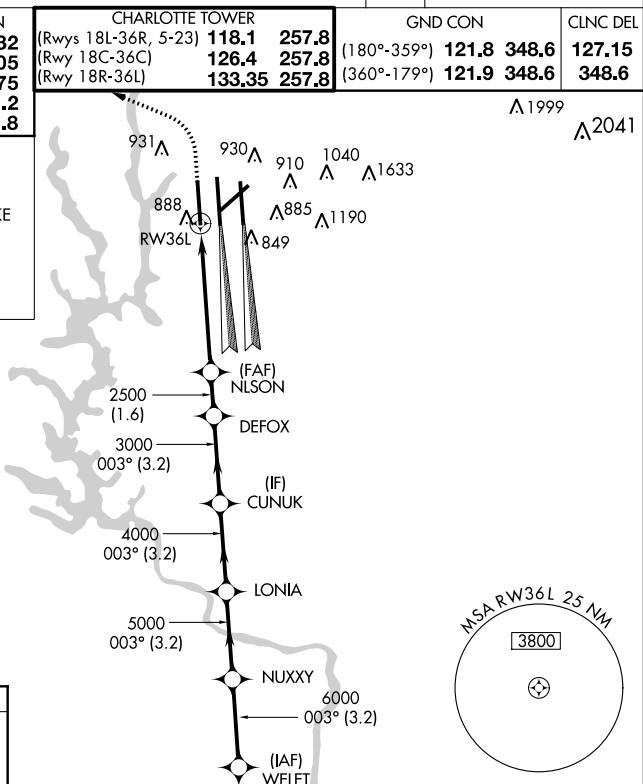
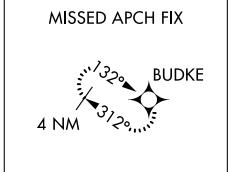


RNAV (GPS) Y RWY 36L

CHARLOTTE/DOUGLAS INTL (CLT)

MISSED APPROACH: Climb to 1200 then climbing left turn to 4000 direct BUDKE and hold.

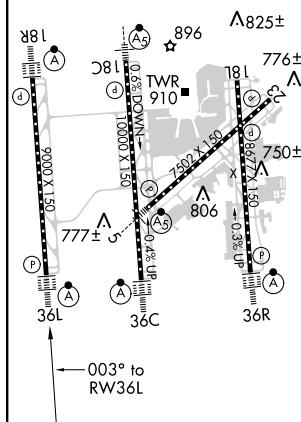
ATIS ARR 121.15 DEP 132.1	CHARLOTTE APP CON (001°-119°) 128.32 (120°-245°) 120.05 (246°-360°) 134.75 (180°-359°) 257.2 (360°-179°) 307.8	CHARLOTTE TOWER (Rwys 18L-36R, 5-23) 118.1 257.8 (Rwy 18C-36C) 126.4 257.8 (Rwy 18R-36L) 133.35 257.8	GND CON (180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6	CLNC DEL 127.15 348.6
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RADAR REQUIRED

ELEV 748 TDZE 744

HIRL all Rwy
REIL Rwy 18L and 23
TDZ/CL Rwy 36C and 36R



CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

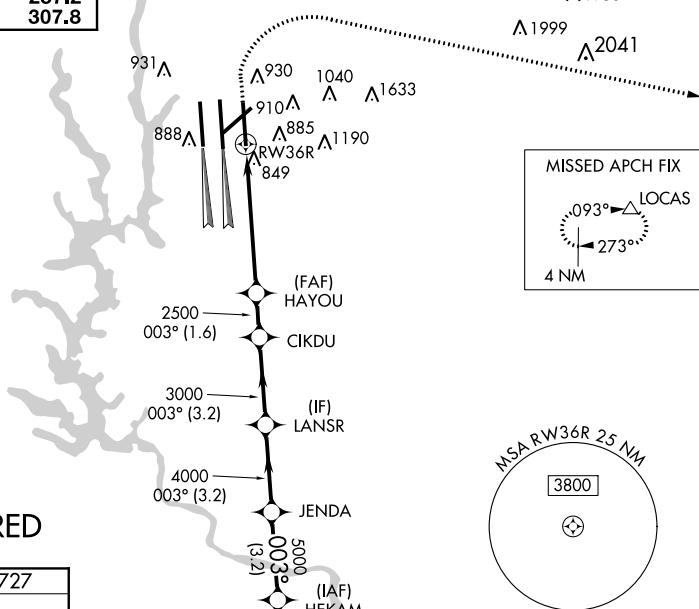
WAAS CH 90100 W36D	APP CRS 003°	Rwy Idg TDZE Apt Elev	8390 727 748
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▼ Circling NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C (14°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Simultaneous approach authorized with Rwy 36C/L. Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV procedure NA during simultaneous operations. For inop ALSF, increase LNAV/VNAV all Cnts visibility to 1½ mile.

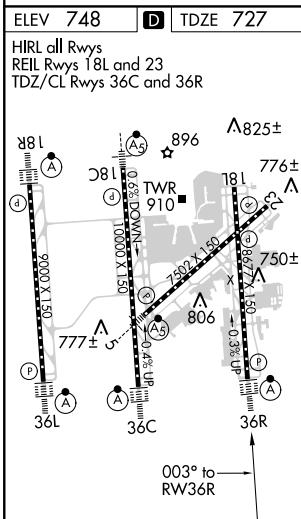
ATIS ARR 121.15 DEP 132.1	CHARLOTTE APP CON (001°-119°) (120°-245°) (246°-360°) (180°-359°) (360°-179°)	128.32 120.05 134.75 257.2 307.8	CHARLOTTE TOWER (Rwys 18L-36R, 5-23) 118.1 257.8 (Rwy 18C-36C) 126.4 257.8 (Rwy 18R-36L) 133.35 257.8	GND CON (180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6	CLNC DEL 127.15 348.6
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MISSIED APPROACH:
Climb to 1320 then climbing right turn to 4000 direct LOCAS and hold.



RADAR REQUIRED



CHARLOTTE, NORTH CAROLINA

Amdt 4 30APR15

35°13'N-80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)

RNAV (GPS) Y RWY 36R

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

LOC/DME I-RGS 110.15 Chan 38(Y)	APP CRS 183°	Rwy Idg 9000 TDZE 744 Apt Elev 748
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ILS or LOC RWY 18R

CHARLOTTE/DOUGLAS INTL (CLT)

▼ Circling NA at night. Simultaneous approach authorized with Rwy 18C/L. DME or RADAR required.

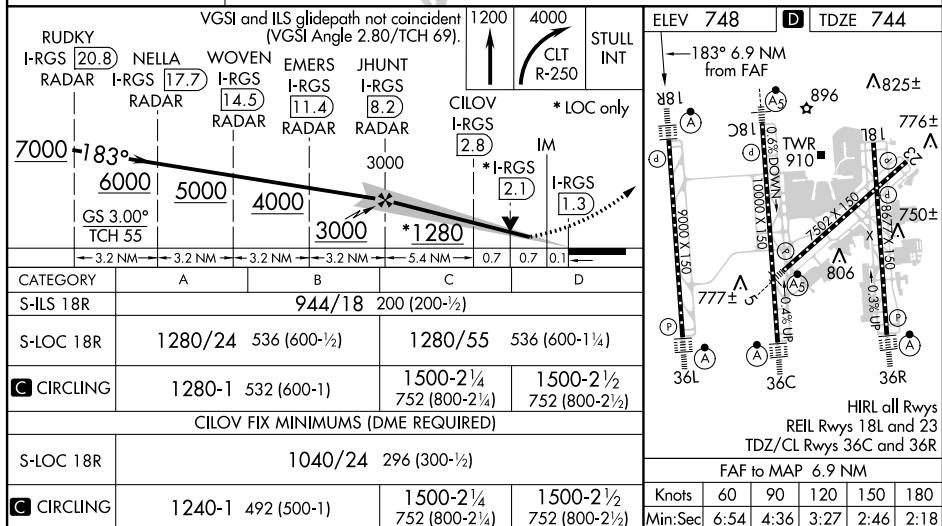
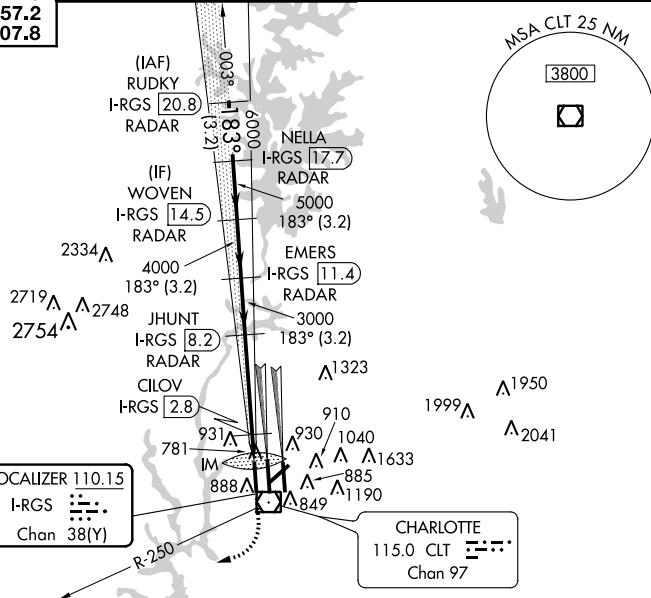
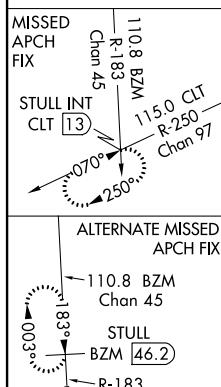
ALSF-2



MISSIED APPROACH: Climb to 1200 then climbing right turn to 4000 on CLT VOR/DME R-250 to STULL INT/CLT 13 DME and hold, continue climb-in-hold to 4000.

ATIS	CHARLOTTE APP CON (001°-119°) (120°-245°) (246°-360°) (180°-359°) (360°-179°)	CHARLOTTE TOWER (Rwys 18L-36R, 5-23) (Rwy 18C-36C) (Rwy 18R-36L)	GND CON (180°-359°) (360°-179°)	CLNC DEL
ARR 121.15 DEP 132.1	128.32 120.05 134.75 257.2 307.8	118.1 126.4 133.35 257.8	121.8 121.9 348.6 348.6	127.15 348.6

RADAR REQUIRED



CHARLOTTE, NORTH CAROLINA

Amdt 1 30APR15

35°13'N-80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)
ILS or LOC RWY 18R

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

LOC/DME I-BQC 108.9 Chan 26	APP CRS 003°	Rwy Idg TDZE Apt Elev	8390 727 748
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ILS or LOC RWY 36R
CHARLOTTE/DOUGLAS INTL (CLT)

T Circling NA at night. Simultaneous approach authorized
A with Rwy 36C/L. DME or RADAR Required.

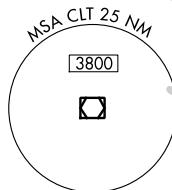
ALSF-2
(A)

MISSIED APPROACH: Climb to 1320 then climbing right turn to 4000 on CLT VOR/DME R-093 to LOCAS INT/24.9 DME and hold.

ATIS	CHARLOTTE APP CON	CHARLOTTE TOWER	GND CON	CLNC DEL
ARR 121.15	(001°-119°) 128.32	(Rwys 18L-36R, 5-23) 118.1 257.8	(180°-359°) 121.8 348.6	127.15
DEP 132.1	(120°-245°) 120.05	(Rwy 18C-36C) 126.4 257.8	(360°-179°) 121.9 348.6	348.6
	(246°-360°) 134.75	(Rwy 18R-36L) 133.35 257.8		
	(180°-359°) 257.2			
	(360°-179°) 307.8			

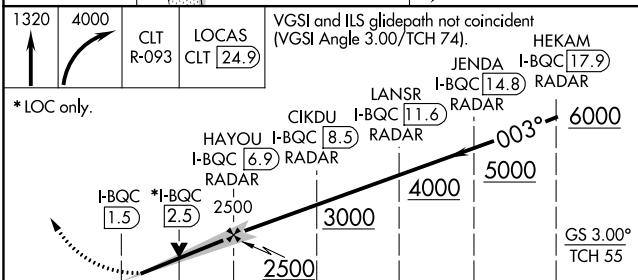
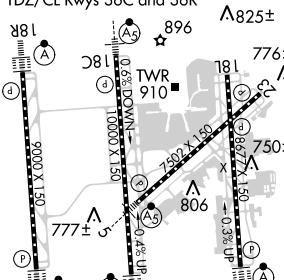
LOCALIZER 108.9
I-BQC
Chan 26

CHARLOTTE
115.0 CLT
Chan 97

**RADAR REQUIRED**

ELEV 748 TDZE 727

HIRL all Rwy's
REIL Rwy's 18L and 23
TDZ/CL Rwy's 36C and 36R



CATEGORY	A	B	C	D
S-ILS 36R		927/18 200 (200-½)		
S-LOC 36R	1120/24 393 (400-½)		1120/35 393 (400-½)	
C CIRCLING	1240-1 492 (500-1)		1500-2 ¼ 752 (800-2 ¼)	1500-2 ½ 752 (800-2 ½)

CHARLOTTE, NORTH CAROLINA

Amdt 12 30APR15

35°13'N 80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)
ILS or LOC RWY 36R

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

WAAS CH 70300 W05A	APP CRS 055°	Rwy Idg TDZE Apt Elev	7092 716 748
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▼ Circling NA at night. For inoperative MALS, increase LNAV Cat D visibility to RVR 6000. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DMÉ/DME RNP-0.3 NA.

RNAV (GPS) Y RWY 5

CHARLOTTE/DOUGLAS INTL (CLT)

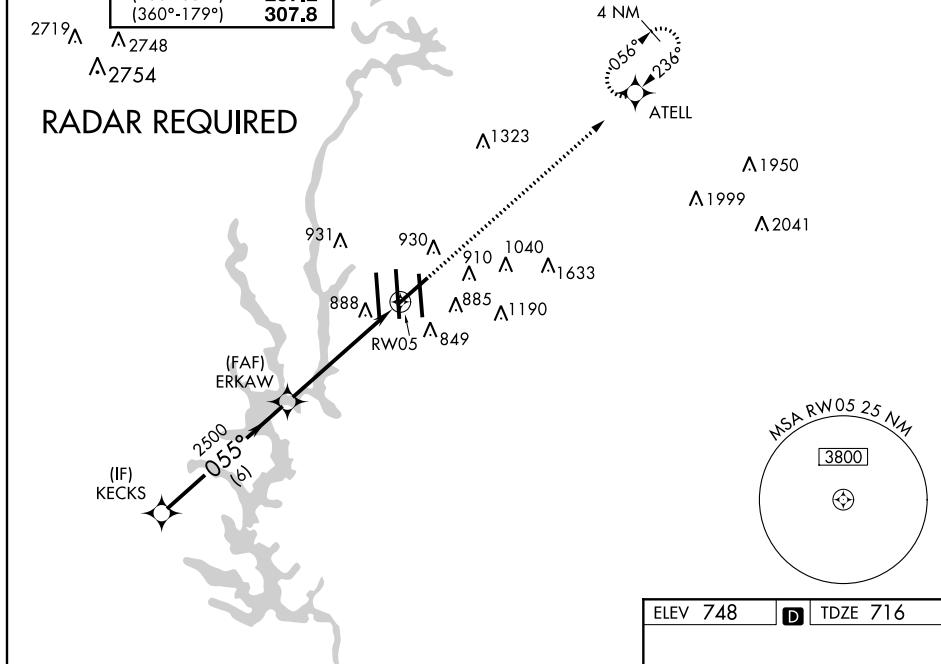
ATIS ARR 121.15 DEP 132.1	CHARLOTTE APP CON (001°-119°) 128.32 (120°-245°) 120.05 (246°-360°) 134.75 (180°-359°) 257.2 (360°-179°) 307.8	CHARLOTTE TOWER (Rwy 18L-36R, 5-23) 118.1 257.8 (Rwy 18C-36C) 126.4 257.8 (Rwy 18R-36L) 133.35 257.8	GND CON (180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6	CLNC DEL 127.15 348.6
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2719A
A2748
A2754

RADAR REQUIRED

SE-2 10 NOV 2016 to 08 DEC 2016

SE-2, 10 NOV 2016 to 08 DEC 2016



KECKS	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 89).	4000	ATELL
4000	GP 3.00° TCH 51	055°	* LNAV only.
4000	ERKAW	2500	* 1.3 NM to RWY 05
4000	2500	2500	RWY 05
4000	6 NM	4.1 NM	1.3 NM
CATEGORY	A	B	C
LPV DA	916/24	200 (200-½)	D
LNAV / VNAV DA	1180/60	464 (500-¼)	
LNAV MDA	1140/24 424 (400-½)	1140/40 424 (400-¾)	1140/50 424 (400-1)
C CIRCLING	1240-1 492 (500-1)	1500-2½ 752 (800-2½)	1500-2½ 752 (800-2½)

CHARLOTTE, NORTH CAROLINA

Amdt 3A 28APR16

35°13'N-80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)

RNAV (GPS) Y RWY 5

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

LOC/DME I-BQC 108.9 Chan 26	APP CRS 003°	Rwy Idg 8390 TDZE 727 Apt Elev 748
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ILS RWY 36R (SA CAT I) CHARLOTTE/DOUGLAS INTL (CLT)

T	Simultaneous approach authorized with Rwy 36C/L.	ALSF-2	MISSED APPROACH: Climb to 1320 then climbing right turn to 4000 on CLT VOR/DME R-093 to LOCAS INT/24.9 DME and hold.
A	DME or RADAR required. Requires specific OPSPEC, MSPEC or LOA approval and use of HUD to DH.		
ATIS	CHARLOTTE APP CON	CHARLOTTE TOWER	GND CON
ARR 121.15	(001°-119°) 128.32	(Rwys 18L-36R, 5-23) 118.1 257.8	CLNC DEL
DEP 132.1	(120°-245°) 120.05	(Rwy 18C-36C) 126.4 257.8	127.15
	(246°-360°) 134.75	(Rwy 18R-36L) 133.35 257.8	348.6
	(180°-359°) 257.2		
	(360°-179°) 307.8		

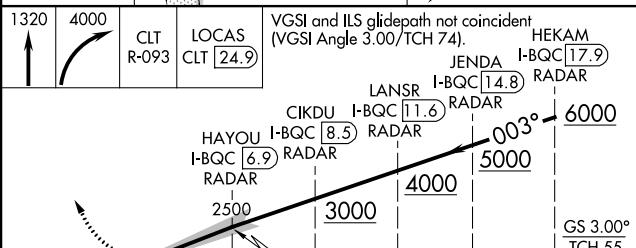
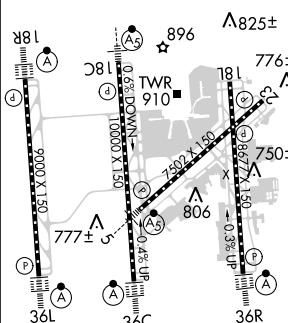
LOCALIZER 108.9
I-BQC Chan 26

CHARLOTTE
115.0 CLT Chan 97

MSA CLT 25 NM
3800

RADAR REQUIRED

ELEV 748 TDZE 727



SA CATEGORY I ILS SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

CHARLOTTE, NORTH CAROLINA

Amdt 12 30APR15

35°13'N-80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)
ILS RWY 36R (SA CAT I)

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

APP CRS 055°	Rwy Idg 7092
TDZE	716
Apt Elev	748

RNAV (RNP) Z RWY 5

CHARLOTTE/DOUGLAS INTL (CLT)

GPS Required. For uncompensated Baro-VNAV systems, procedure NA below -10°C (14°F) or above 47°C (117°F). Visibility reduction by helicopters NA. For inoperative MALSR, increase RNP 0.11 all Cat5 visibility to RVR 6000 and RNP 0.30 all Cat5 visibility to 1 1/4 mile.



MISSED APPROACH: Climb to 4000 via track 055° to ATELL and hold, continue climb-in-hold to 4000.

ATIS	CHARLOTTE APP CON	CHARLOTTE TOWER	GND CON	CLNC DEL
ARR 121.15	(001°-119°) 128.32	(Rwys 18L-36R, 5-23) 118.1 257.8	(180°-359°) 121.8 348.6	127.15
DEP 132.1	(120°-245°) 120.05	(Rwy 18C-36C) 126.4 257.8	(360°-179°) 121.9 348.6	348.6
	(246°-360°) 134.75	(Rwy 18R-36L) 133.35 257.8		
	(180°-359°) 257.2			
	(360°-179°) 307.8			

2719A
A 2748
A 2754

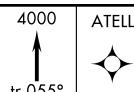
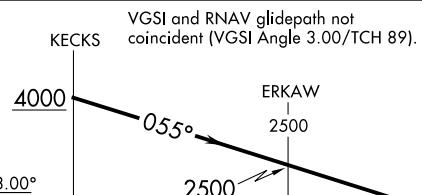
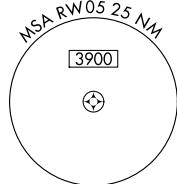
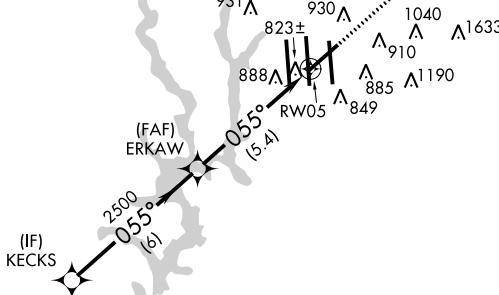
RADAR REQUIRED

A1323

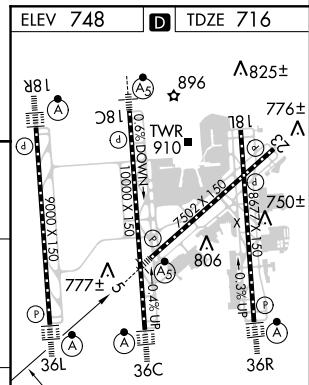
1999A

A1950

A2041



CATEGORY	A	B	C	D
RNP 0.11 DA	1061/40	345 (400-3/4)		
RNP 0.30 DA	1216/60	500 (500-1/4)		

AUTHORIZATION REQUIRED

HIRL all Rwy's
REIL Rwy's 18L and 23
TDZ/CL Rwy's 36C and 36R

CHARLOTTE, NORTH CAROLINA
Orig-A 28JUL11

35°13'N 80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)
RNAV (RNP) Z RWY 5

APP CRS 003°	Rwy Idg 10000
TDZE	707
Apt Elev	748

RNAV (RNP) Z RWY 36C

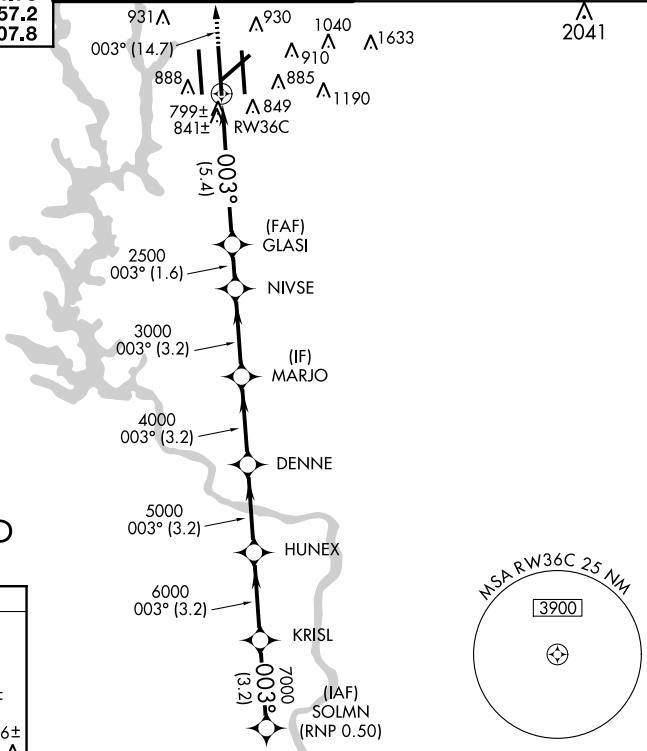
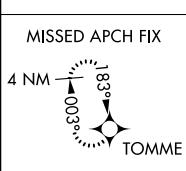
CHARLOTTE/DOUGLAS INTL (CLT)

▼ GPS Required. For uncompensated Baro-VNAV systems, procedure NA below -10°C (14°F) or above 47°C (117°F). For inoperative ALSF, increase RNP 0.11 visibility all Cats to RVR 6000 and RNP 0.30 visibility all Cats to 1½ mile. Simultaneous approach authorized with ILS or LOC Rwy 36L, ILS Rwy 36L (Cat II), ILS Rwy 36L (Cat III), ILS or LOC Rwy 36R, ILS Rwy 36R (Cat II), ILS Rwy 36R (Cat III). Use of FD or AP providing RNAV track guidance required during simultaneous operations.

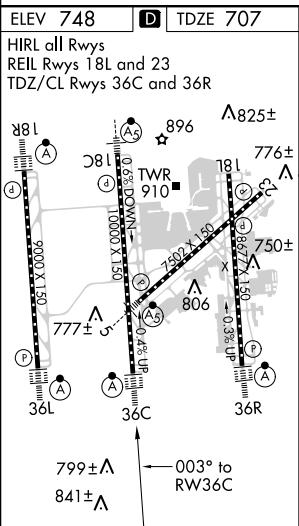


MISSED APPROACH: Climb to 3000 on track 003° to TOMME and hold.

ATIS	CHARLOTTE APP CON	CHARLOTTE TOWER	GND CON	CLNC DEL
ARR 121.15	(001°-119°) 128.32	(Rwys 18L-36R, 5-23) 118.1 257.8	(180°-359°) 121.8 348.6	127.15
DEP 132.1	(120°-245°) 120.05	(Rwy 18C-36C) 126.4 257.8	(360°-179°) 121.9 348.6	348.6
	(246°-360°) 134.75	(Rwy 18R-36L) 133.35 257.8		
	(180°-359°) 257.2			
	(360°-179°) 307.8			



RADAR REQUIRED



AUTHORIZATION REQUIRED

WAAS CH 77500 W18A	APP CRS 183°	Rwy Idg 8676	TDZE 748	Apt Elev 748
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RNAV (GPS) Y RWY 18L

CHARLOTTE/DOUGLAS INTL (CLT)

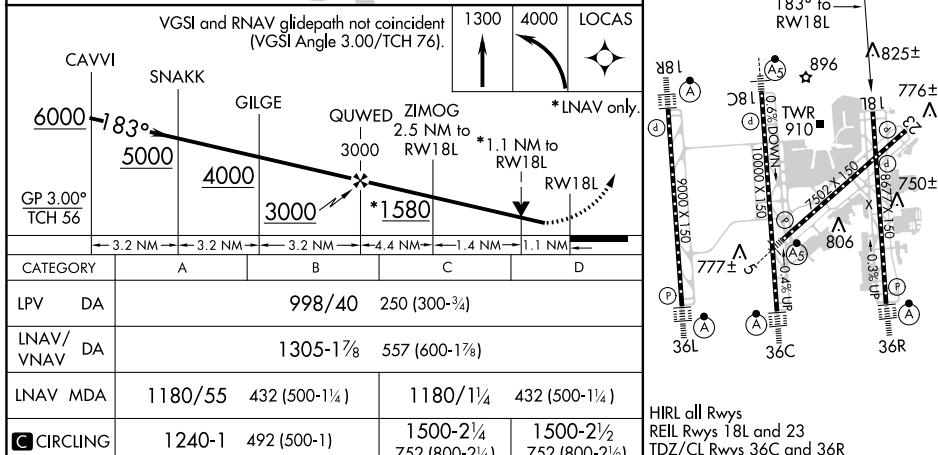
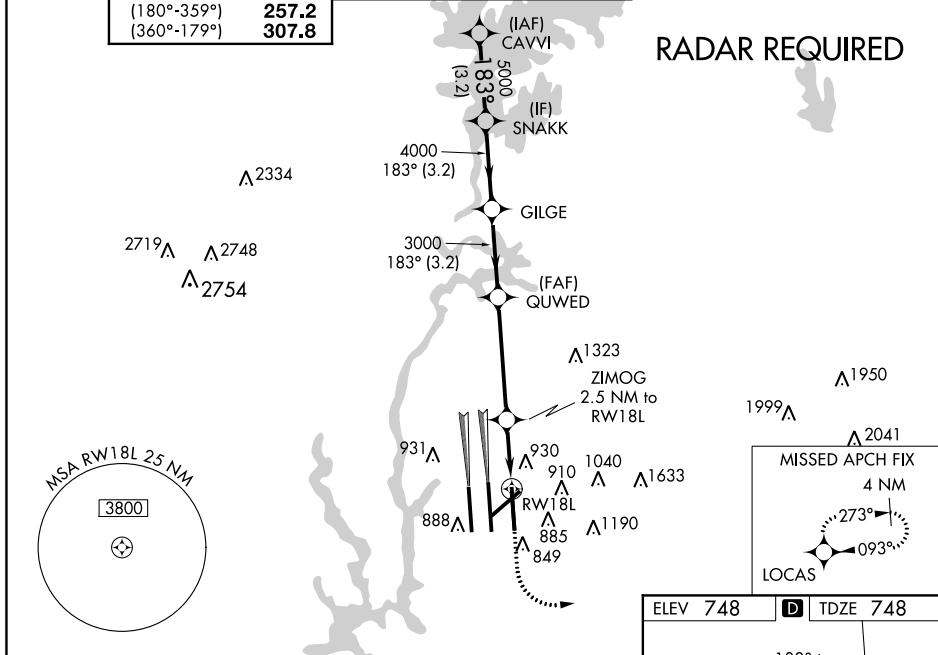
▼ Circling NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -10°C (14°F)
 ▲ or above 54°C (130°F). DME/DME RNP-0.3 NA. Simultaneous approach authorized with Rwy 18 C/R.
 Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV
 procedure NA during simultaneous operations. Helicopter visibility reduction below 3/4 SM NA.

MISSIED APPROACH:
 Climb to 1300 then climbing left turn to 4000 direct LOCAS and hold.

ATIS	CHARLOTTE APP CON	CHARLOTTE TOWER	GND CON	CLNC DEL
ARR 121.15	(001°-119°) 128.32 (120°-245°) 120.05 (246°-360°) 134.75 (180°-359°) 257.2 (360°-179°) 307.8	(Rwys 18L-36R, 5-23) 118.1 257.8 (Rwy 18C-36C) 126.4 257.8 (Rwy 18R-36L) 133.35 257.8	(180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6	127.15 348.6
DEP 132.1				

RADAR REQUIRED

SE-2 10 NOV 2016 to 08 DEC 2016

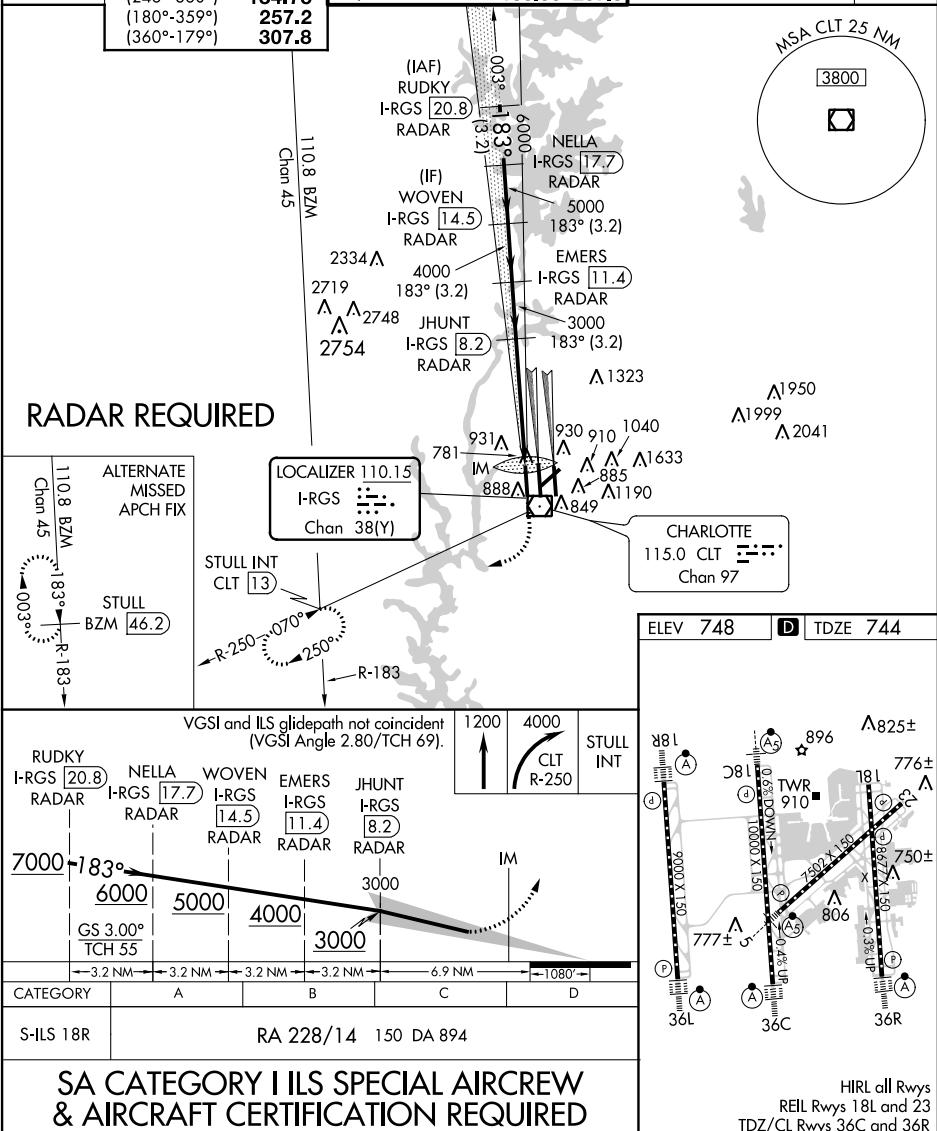


LOC/DME I-RGS 110.15 Chan 38(Y)	APP CRS 183°	Rwy Idg 9000 TDZE 744 Apt Elev 748
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ILS RWY 18R (SA CAT I)

CHARLOTTE/DOUGLAS INTL (CLT)

ATIS ARR 121.15 DEP 132.1	CHARLOTTE APP CON (001°-119°) 128.32 (120°-245°) 120.05 (246°-360°) 134.75 (180°-359°) 257.2 (360°-179°) 307.8	CHARLOTTE TOWER (Rwys 18L-36R, 5-23) (Rwy 18C-36C) (Rwy 18R-36L) 118.1 126.4 133.35 257.8	GND CON (180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6	CLNC DEL 127.15 348.6
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CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

LOC/DME I-PEP	APP CRS	Rwy Idg
111.3	183°	10000
Chan 50		

TDZE	742
Apt Elev	748

ILS or LOC RWY 18C

CHARLOTTE/DOUGLAS INTL (CLT)

▼ Circling NA at night. DME or Radar required. Simultaneous approach authorized with ILS or LOC Rwy 18L, ILS or LOC Rwy 18R, ILS Rwy 18R (Cat II & III).
** RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR
MISSSED APPROACH: Climb to 3000 on CLT VOR/DME R-181 to DENNE/CLT 12.7 DME/RADAR and hold.

ATIS	CHARLOTTE APP CON
ARR 121.15	(001°-119°) 128.32
DEP 132.1	(120°-245°) 120.05
	(246°-360°) 134.75
	(180°-359°) 257.2
	(360°-179°) 307.8

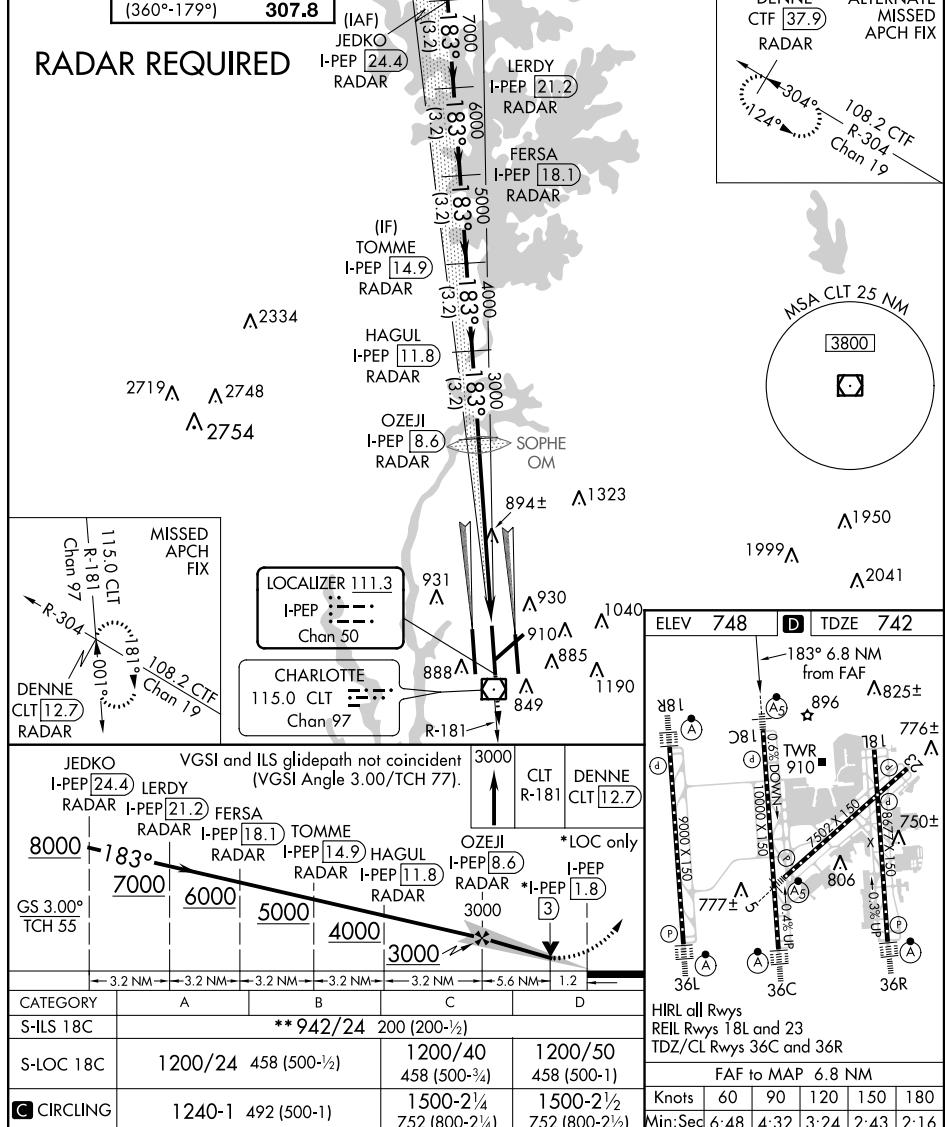
TDZE	742
Apt Elev	748

Rwy 18L-36R, 5-23	118.1	257.8
(Rwy 18C-36C)	126.4	257.8
(Rwy 18R-36L)	133.35	257.8

GND CON	CLNC DEL
(180°-359°) 121.8	348.6
(360°-179°) 121.9	348.6

DENNE CTF [37.9]	ALTERNATE MISSED APCH FIX
RADAR	

RADAR REQUIRED



CHARLOTTE, NORTH CAROLINA

Amdt 10D 28APR16

35°13'N-80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)
ILS or LOC RWY 18C

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

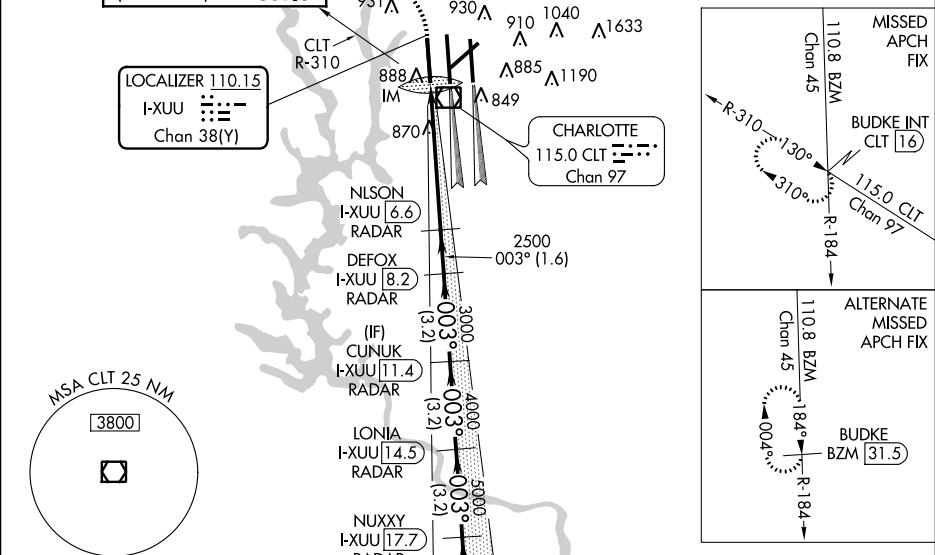
16315

LOC/DME I-XUU 110.15	APP CRS 003°	Rwy Idg 9000
Chan 38(Y)		TDZE 744
Apt Elev 748		

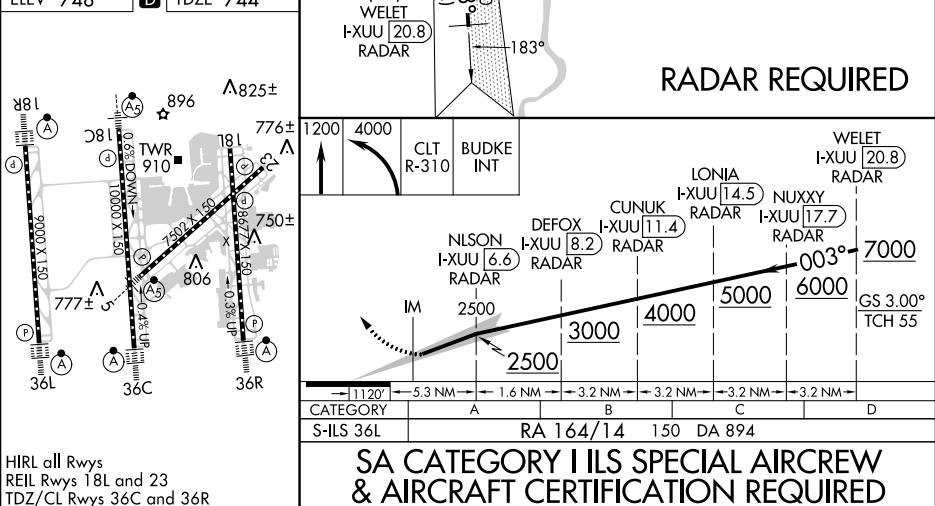
ILS RWY 36L (SA CAT I)

CHARLOTTE/DOUGLAS INTL (CLT)

ATIS ARR 121.15 DEP 132.1	CHARLOTTE APP CON (001°-119°) (120°-245°) (246°-360°)	128.32 120.05 134.75	CHARLOTTE TOWER (Rwys 18L-36R, 5-23) (Rwy 18C-36C) (Rwy 18R-36L)	118.1 257.8 126.4 257.8 133.35 257.8	GND CON (180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6	CLNC DEL 127.15 348.6
		257.2 307.8				



ELEV 748 TDZE 744

CHARLOTTE, NORTH CAROLINA
Amdt 1 30APR15

35°13'N-80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)
ILS RWY 36L (SA CAT I)

WAAS CH 86200 W36B	APP CRS 003°	Rwy Idg 10000
		TDZE 707
		Apt Elev 748

RNAV (GPS) Y RWY 36C

CHARLOTTE/DOUGLAS INTL (CLT)

▼ Circling NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. Simultaneous approach authorized with ILS or LOC Rwy 36L, ILS Rwy 36L (Cat II), ILS Rwy 36R (Cat III), ILS or LOC Rwy 36R, ILS Rwy 36R (Cat II), ILS Rwy 36R (Cat III). LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations.



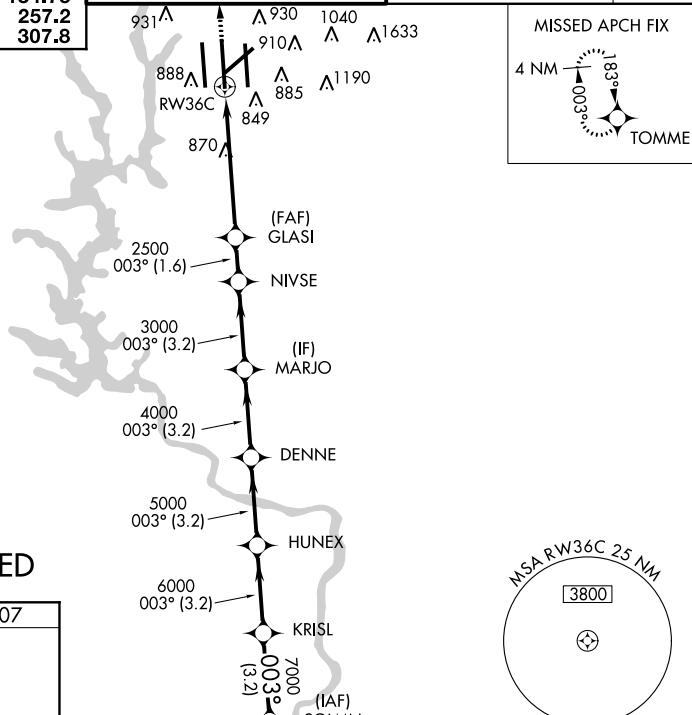
MISSSED APPROACH:
Climb to 3000 direct
TOMME and hold.

ATIS ARR 121.15 DEP 132.1	CHARLOTTE APP CON (001°-119°) (120°-245°) (246°-360°)	128.32 120.05 134.75
	(180°-359°) (360°-179°)	257.2 307.8

CHARLOTTE TOWER	
(Rwys 18L-36R, 5-23) 118.1	257.8
(Rwy 18C-36C) 126.4	257.8

GND CON	CLNC DEL
(180°-359°) 121.8	348.6
(360°-179°) 121.9	348.6

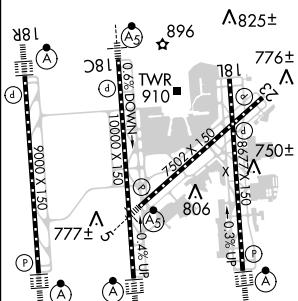
A1847



RADAR REQUIRED

ELEV 748 TDZE 707

HIRL all Rwy's
REIL Rwy's 18L and 23
TDZ/CL Rwy's 36C and 36R



CATEGORY	LPV DA	907/24 200 (200-1/2)			
		B	C	D	
LNAV/ VNAV DA		1182/60	475 (500-1/4)		
LNAV MDA	1140/24	433 (400-1/2)	1140/40	1140/50	433 (400-1/2)
CIRCLING	1240-1	492 (500-1)	1500-2 1/4	1500-2 1/2	752 (800-2 1/4)

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

APP CRS 183°	Rwy Idg 10000
TDZE	742
Apt Elev	748

RNAV (RNP) Z RWY 18C

CHARLOTTE/DOUGLAS INTL (CLT)

▼ GPS Required. For inop MALS, increase RNP 0.11 visibility all Cats to RVR 5000 and RNP 0.30 visibility all Cats to 1½ mile. For uncompensated Baro-VNAV systems, procedure NA below -10°C (14°F) or above 47°C (117°F). Simultaneous approach authorized with ILS or LOC Rwy 18L, ILS or LOC Rwy 18R, ILS Rwy 18R (Cat II), ILS Rwy 18R (Cat III). Use of FD or AP providing RNAV track guidance required during simultaneous operations.



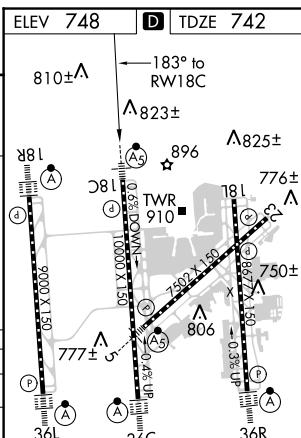
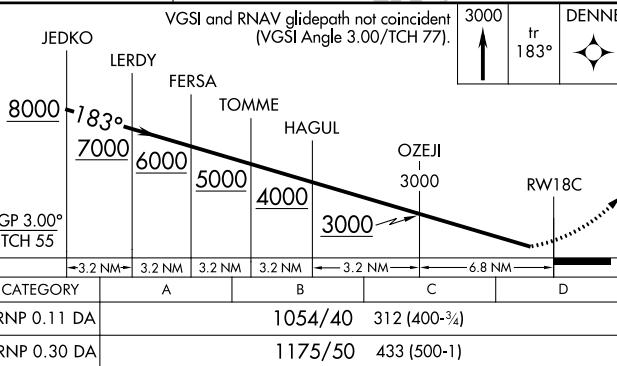
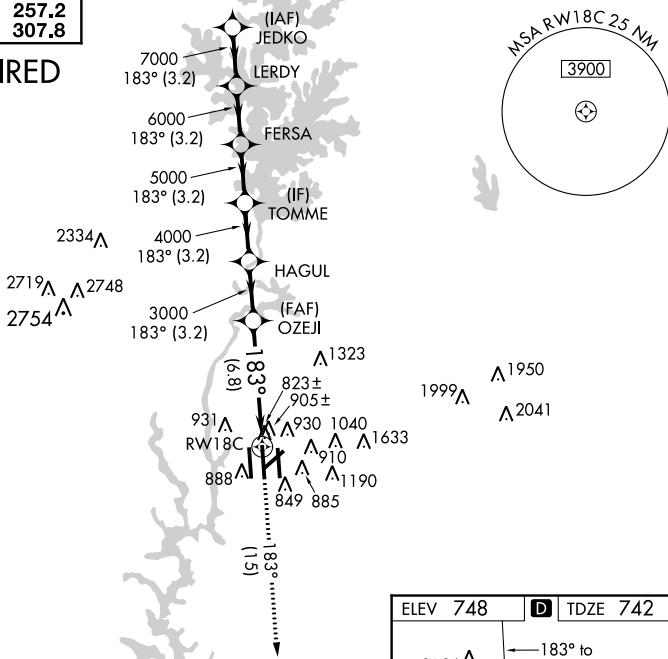
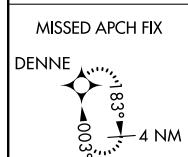
MISSED APPROACH:
Climb to 3000 on
track 183° to DENNE
and hold.

ATIS	CHARLOTTE APP CON	CHARLOTTE TOWER	GND CON	CLNC DEL
ARR 121.15	(001°-119°) (120°-245°)	128.32 120.05	(Rwys 18L-36R, 5-23) 118.1 257.8	
DEP 132.1	(246°-360°) (180°-359°) (360°-179°)	134.75 257.2 307.8	(Rwy 18C-36C) 126.4 257.8 (Rwy 18R-36L) 133.35 257.8	(180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6

RADAR REQUIRED

SE-2 10 NOV 2016 to 08 DEC 2016

SE-2, 10 NOV 2016 to 08 DEC 2016

**AUTHORIZATION REQUIRED**CHARLOTTE, NORTH CAROLINA
Orig-C 05APR12

35°13'N-80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)

RNAV (RNP) Z RWY 18C

HIRL all Rwy
REIL Rwy 18L and 23
TDZ/CL Rwy 36C and 36R

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

LOC I-DQG 111.7	APP CRS 003°	Rwy Idg 10000 TDZE Apt Elev 707 748
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ILS or LOC RWY 36C
CHARLOTTE/DOUGLAS INTL (CLT)

CHARLOTTE/DOUGLAS INTL (CLT)

▼ Circling NA at night. Simultaneous approach authorized with ILS or LOC Rwy 36L, ILS Rwy 36L (Cat II), ILS Rwy 36L (Cat III), ILS or LOC Rwy 36R, ILS Rwy 36R (Cat II), ILS Rwy 36R (Cat III). DME or RADAR Required. DQG ILS LLZ Rwy 36C unusable for rollout guidance.

ALSF-2

 MISSED APPROACH: Climb to 3000 via CLT R-001 to TOMME/CLT 15.3 DME and hold.

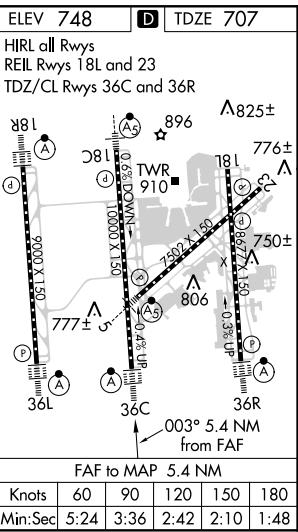
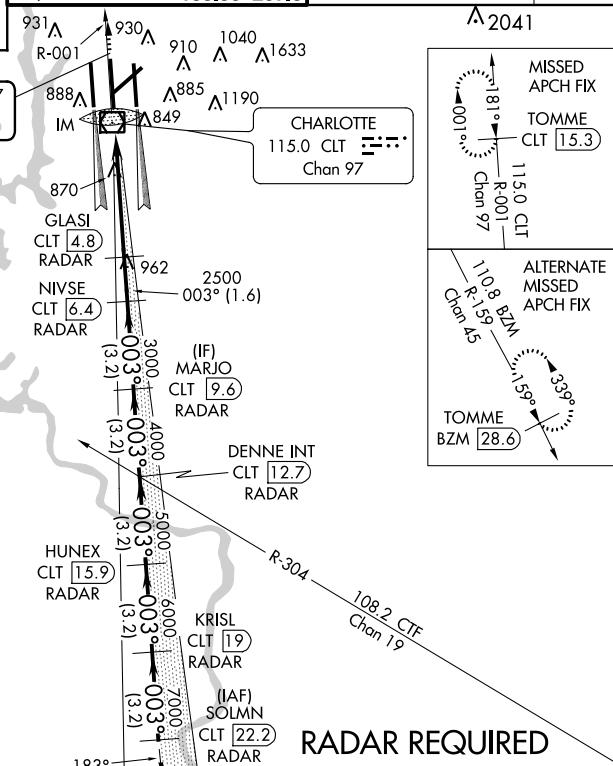
ATIS
ARR **121.15**
DEP **132.1**

CHARLOTTE APP CON
(001°-119°) **128.32**
(120°-245°) **120.05**
(246°-360°) **134.75**
(180°-359°) **257.2**
(360°-179°) **307.8**

CHARLOTTE TOWER
(Rwys 18L-36R, 5-23) **118.1** **257.8**
(Rwy 18C-36C) **126.4** **257.8**
(Rwy 18R-36L) **133.35** **257.8**

GND CON
(180°-359°) **121.8** **348.6**
(360°-179°) **121.9** **348.6**
CLNC DEL

LOCALIZER 111.7
I-DQG



CHARLOTTE, NORTH CAROLINA

Amdt 16C 28APR16

Knots 60 90 120 150 180

Min:Sec 5:24 3:36 2:42 2:10 1:48

CHARLOTTE/DOUGLAS INTL (CLT)
ILS or LOC RWY 36C

35°13'N-80°57'W

SE-2 10 NOV 2016 to 08 DEC 2016

SE-2 10 NOV 2016 to 08 DEC 2016

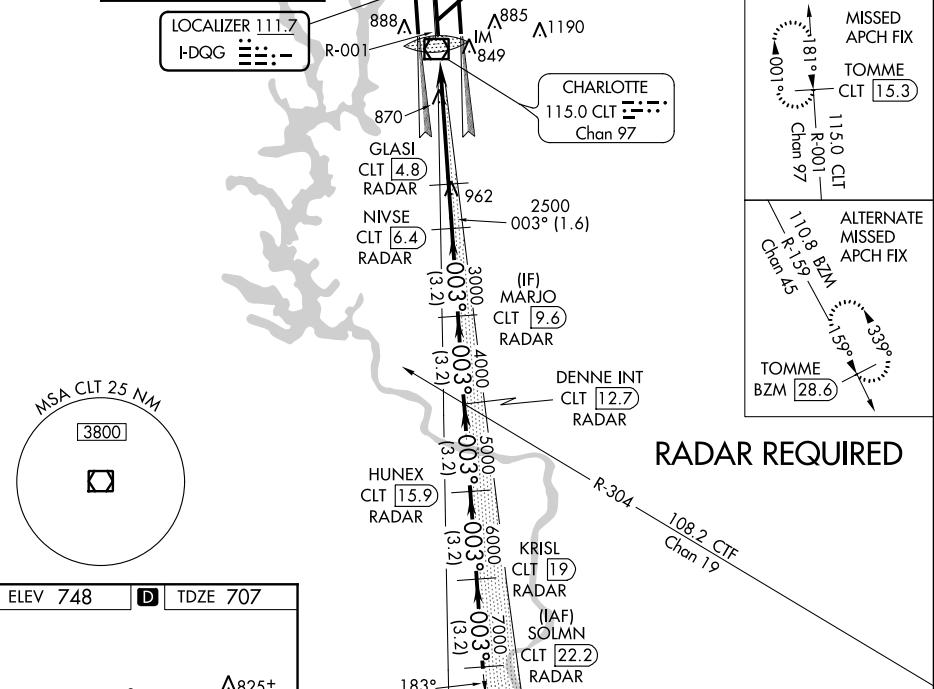
LOC I-DQG 111.7	APP CRS 003°	Rwy Idg 10000 TDZE 707 Apt Elev 748
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ILS RWY 36C (CAT II & III) CHARLOTTE/DOUGLAS INTL (CLT)

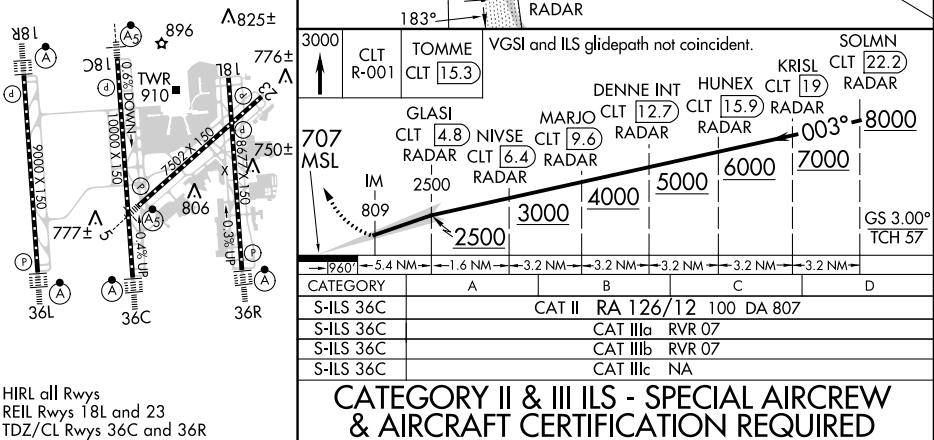
▼ Simultaneous approach authorized with ILS or LOC Rwy 36L, ILS Rwy 36L (Cat II), ILS Rwy 36L (Cat III), ILS or LOC Rwy 36R, ILS Rwy 36R (Cat II), ILS Rwy 36R (Cat III). DME or RADAR Required. DQG ILS LLZ Rwy 36C unusable for rollout guidance.

ALSF-2 (A) MISSED APPROACH: Climb to 3000 via CLT R-001 to TOMME/CLT 15.3 DME and hold.

ATIS ARR 121.15 DEP 132.1	CHARLOTTE APP CON (001°-119°) (120°-245°) (246°-360°) (180°-359°) (360°-179°)	CHARLOTTE TOWER (Rwys 18L-36R, 5-23) 118.1 257.8 (Rwy 18C-36C) 126.4 257.8 (Rwy 18R-36L) 133.35 257.8	GND CON (180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6	CLNC DEL 127.15 348.6
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ELEV 748 D TDZE 707



WAAS CH 81800 W18B	APP CRS 183°	Rwy Idg 10000 TDZE 742 Apt Elev 748
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RNAV (GPS) Y RWY 18C

CHARLOTTE/DOUGLAS INTL (CLT)

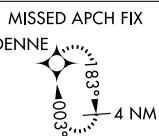
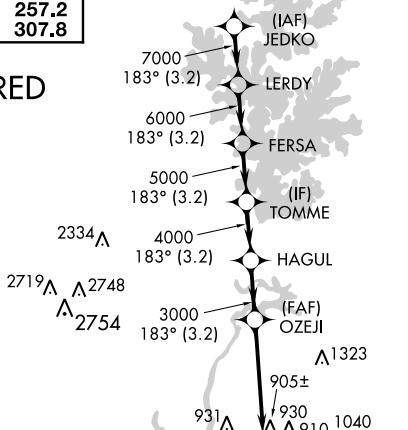
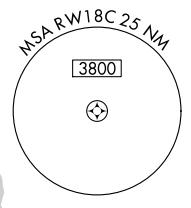
▼ Circling NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. Simultaneous approach authorized with ILS or LOC Rwy 18L, ILS or LOC Rwy 18R, ILS Rwy 18R (Cat III), ILS Rwy 18R (Cat III). LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations.



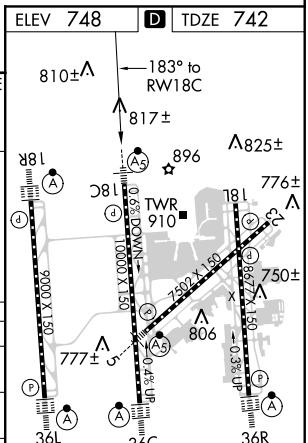
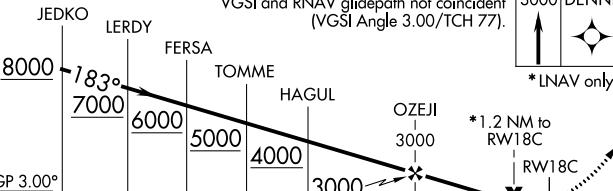
MISSED APPROACH:
Climb to 3000 direct
DENNE and hold.

ATIS ARR 121.15 DEP 132.1	CHARLOTTE APP CON (001°-119°) (120°-245°) (246°-360°) (180°-359°) (360°-179°)	CHARLOTTE TOWER (Rwys 18L-36R, 5-23) 118.1 257.8 (Rwy 18C-36C) 126.4 257.8 (Rwy 18R-36L) 133.35 257.8	GND CON (180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6	CLNC DEL 127.15 348.6
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RADAR REQUIRED



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 77).



CATEGORY	A	B	C	D
LPV DA		942/24	200 (200-½)	
LNAV/ VNAV DA		1192/50	450 (500-1)	
LNAV MDA	1220/40 478 (500-¾)		1220/50 478 (500-1)	
C CIRCLING	1240-1 492 (500-1)	1500-2½ 752 (800-2½)	1500-2½ 752 (800-2½)	

HIRL all Rwy's
REIL Rwy's 18L and 23
TDZ/CL Rwy's 36C and 36R

CHARLOTTE, NORTH CAROLINA

AL-78 (FAA)

16315

APP CRS 236°	Rwy Idg 7502
TDZE	747
Apt Elev	748

RNAV (RNP) Z RWY 23

CHARLOTTE/DOUGLAS INTL (CLT)

▼ GPS Required. For uncompensated Baro-VNAV systems, procedure NA below -10°C (14°F) or above 47°C (117°F). Visibility reduction by helicopters NA.

MISSIED APPROACH: Climb to 4000 via track 235° to KECKS and hold, continue climb-in-hold to 4000.

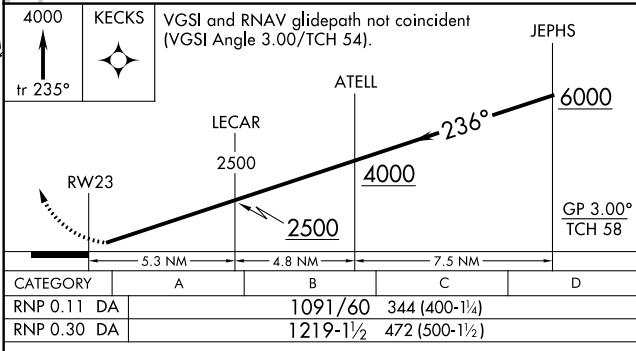
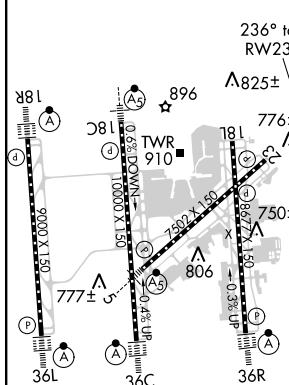
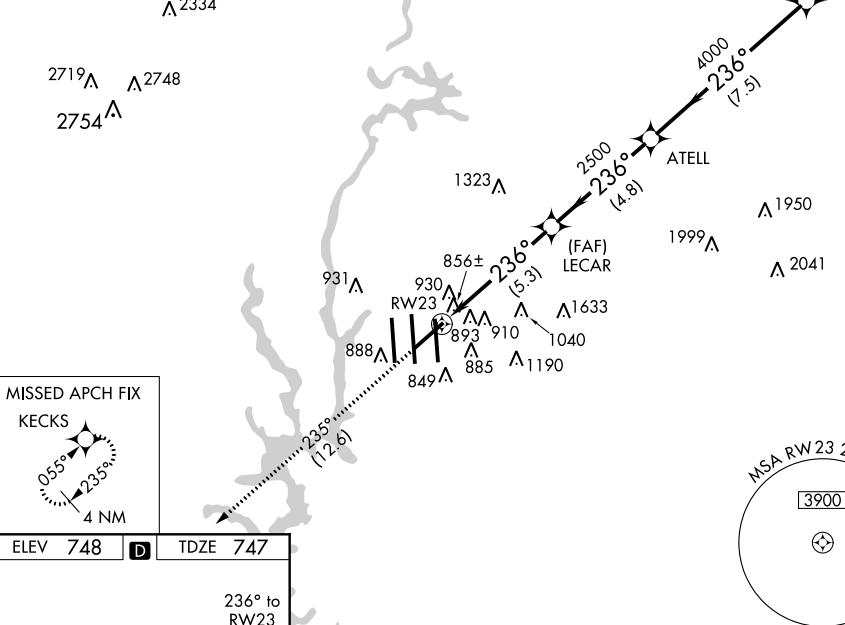
ATIS
ARR 121.15
DEP **132.1**

CHARLOTTE APP CON
(001°-119°) **128.32**
(120°-245°) **120.05**
(246°-360°) **134.75**
(180°-359°) **257.2**
(360°-179°) **307.8**

CHARLOTTE TOWER
(Rwys 18L-36R, 5-23) **118.1** 257.8
(Rwy 18C-36C) **126.4** 257.8
(Rwy 18R-36L) **133.35** 257.8

GND CON
(180°-359°) **121.8** 348.6 **127.15**
(360°-179°) **121.9** 348.6 **348.6**

A 2334

RADAR REQUIRED(IF)
JEPHS**AUTHORIZATION REQUIRED**

CHARLOTTE, NORTH CAROLINA
Orig-A 28JUL11

35°13'N 80°57'W

CHARLOTTE/DOUGLAS INTL (CLT)
RNAV (RNP) Z RWY 23

LOC/DME I-RGS 110.15 Chan 38(Y)	APP CRS 183°	Rwy Idg 9000 TDZE 744 Apt Elev 748
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ILS RWY 18R (CAT II & III) CHARLOTTE/DOUGLAS INTL (CLT)

▼ Simultaneous approach authorized with Rwy 18C/L.
▲ DME or RADAR required.

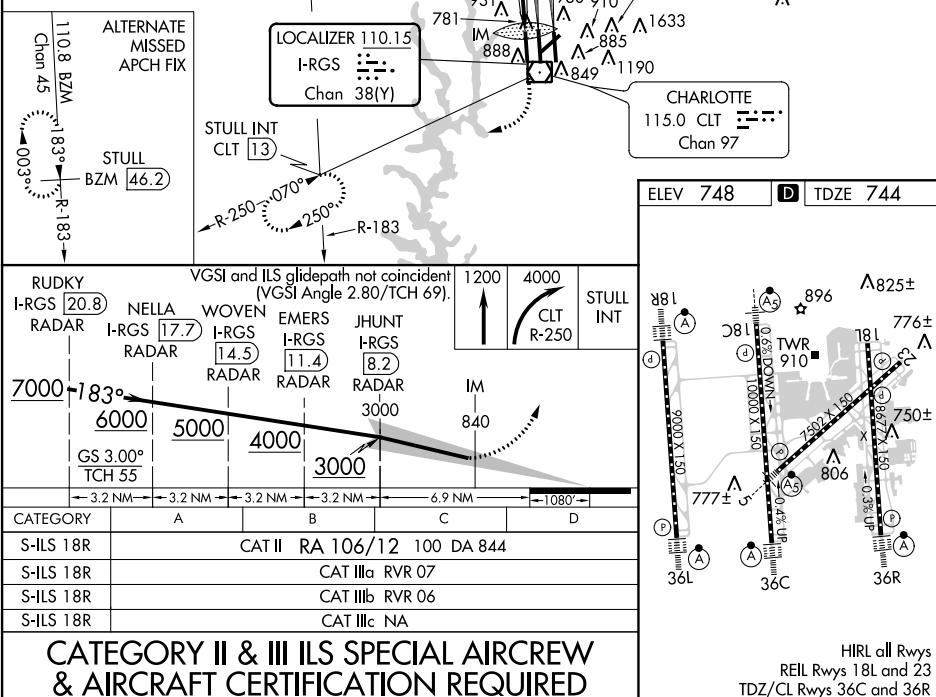
ALSF-2



MISSIED APPROACH: Climb to 1200 then climbing right turn to 4000 on CLT VOR/DME R-250 to STULL INT/CLT 13 DME and hold, continue climb-in-hold to 4000.

ATIS	CHARLOTTE APP CON (001°-119°) (120°-245°) (246°-360°) (180°-359°) (360°-179°)	CHARLOTTE TOWER (Rwys 18L-36R, 5-23) (Rwy 18C-36C) (Rwy 18R-36L)	GND CON	CLNC DEL
ARR 121.15 DEP 132.1	128.32 120.05 134.75 257.2 307.8	118.1 126.4 133.35 257.8	(180°-359°) 121.8 348.6 (360°-179°) 121.9 348.6	127.15 348.6

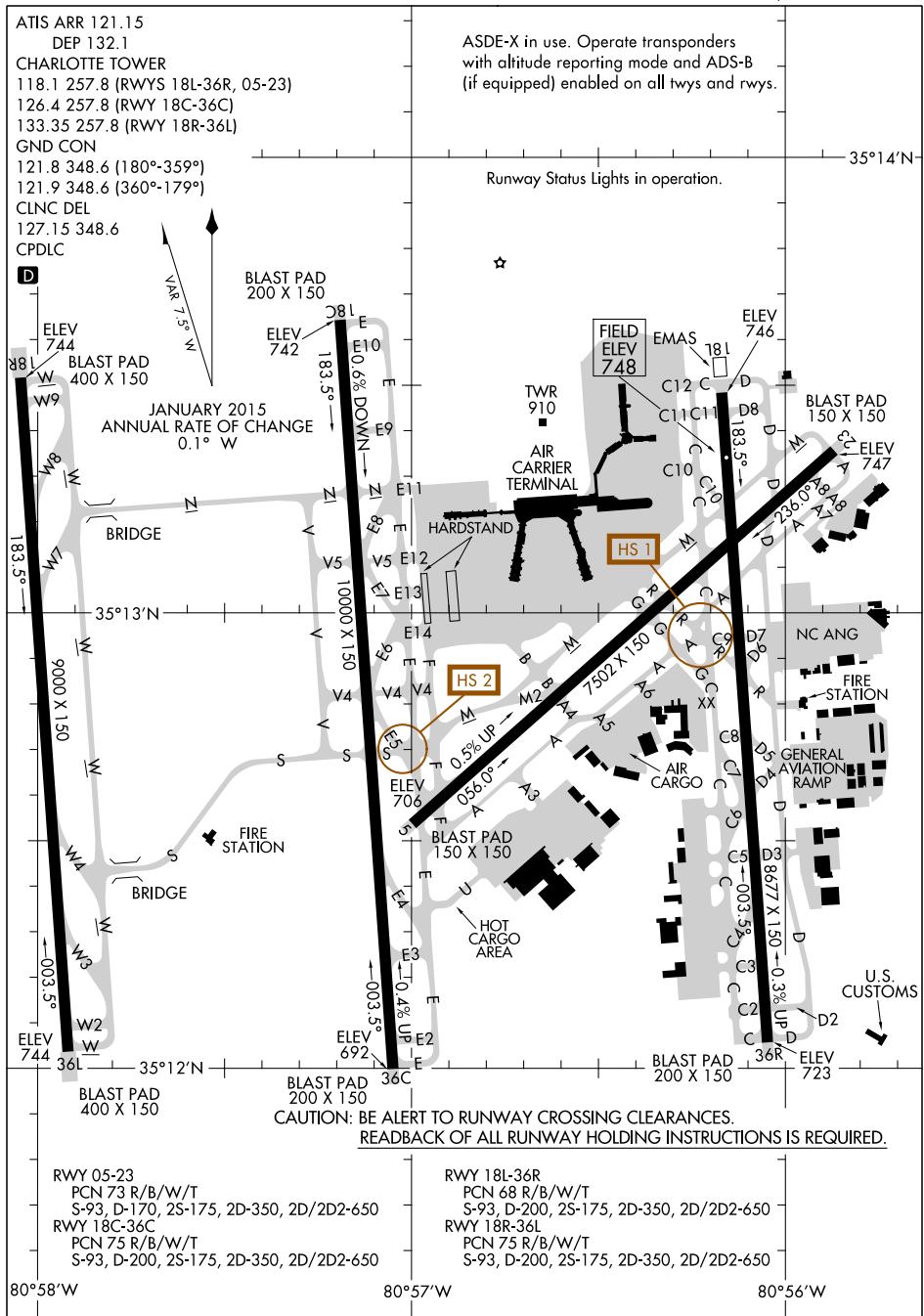
RADAR REQUIRED



16315

AIRPORT DIAGRAM

AL-78 (FAA)

CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINA

AIRPORT DIAGRAM

16315

CHARLOTTE, NORTH CAROLINA
CHARLOTTE/DOUGLAS INTL (CLT)