

US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet. MSL. Altitudes are minimum altitudes unless otherwise indicated.

Distances are in nautical miles (NM). Graphic depiction attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
JONZE (RNAV)	ONE	JONZE.JONZE1	NONE		21 JULY 2016

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BESTT	BESTT.JONZE1	BESTT	BESTT						
			CNTLR	080.55	16.42	FL180	2400		
			EVRRR	066.71	19.72	FL180	2200		
			KUPPP	063.82	56.67	FL180	2300		AT/ABOVE FL240
			CAAKE	064.37	24.75	17000	2400		BETWEEN 17000 AND FL260
			JONZE	064.61	20.42	10000	2200		BETWEEN 11000 AND FL210
CNTLR	CNTLR.JONZE1	CNTLR	CNTLR						
			EVRRR	066.71	19.72	FL180	2200		
			KUPPP	063.82	56.67	FL180	2300		AT/ABOVE FL240
			CAAKE	064.37	24.75	17000	2400		BETWEEN 17000 AND FL260
			JONZE	064.61	20.42	10000	2200		BETWEEN 11000 AND FL210

ARRIVAL ROUTE DESCRIPTION:

FROM JONZE ON TRACK 065.21/2.51 TO CROSS DUBBB AT OR ABOVE 10000 (MEA 10000/MOCA 2000).

LANDING NORTH RWY 05: FROM DUBBB ON TRACK 080.12/17.00 TO CROSS CHELE AT OR ABOVE 7000 AND AT 210 KIAS (MEA 7000/MOCA 2200), THEN ON HEADING 020.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING SOUTH RWY 18R/C/L: FROM DUBBB ON TRACK 051.54/14.55 TO CROSS WHYLE AT OR BELOW 16000 (MEA 8000/MOCA 2100), THEN ON TRACK 053.66/9.83 TO CROSS FREEK AT OR BELOW 11000 (MEA 7000/MOCA 2200), THEN ON TRACK 053.79/4.21 TO DOSBE (MEA 6000/MOCA 2200), THEN ON TRACK 002.82/2.31 TO CROSS AAIRE AT 9000 AND AT 210 KIAS (MEA 6000/MOCA 2000), THEN ON TRACK 002.84/11.41 TO CROSS JRDEN AT 6000 AND AT 210 KIAS (MEA 6000/MOCA 2500), THEN ON TRACK 002.84. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING SOUTH RWY 23: FROM DUBBB ON TRACK 051.54/14.55 TO CROSS WHYLE AT OR BELOW 16000 (MEA 8000/MOCA 2100), THEN ON TRACK 053.66/9.83 TO CROSS FREEK AT OR BELOW 11000 (MEA 7000/MOCA 2200), THEN ON TRACK 053.79/4.21 TO DOSBE (MEA 6000/MOCA 2200), THEN ON TRACK 020.57/2.48 TO CROSS RRIKK AT 9000 AND AT 210 KIAS (MEA 6000/MOCA 2000), THEN ON TRACK 023.69/7.89 TO CROSS FLAIR AT 7000 (MEA 4000/MOCA 2100), THEN ON TRACK 055.50/4.53 TO CROSS WO000 AT 7000 AND AT 210 KIAS (MEA 2500), THEN ON TRACK 055.50. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING NORTH RWY 36R/C/L: FROM DUBBB ON TRACK 080.12/17.00 TO CROSS CHELE AT OR ABOVE 7000 AND AT 210 KIAS (MEA 7000/MOCA 2200), THEN ON TRACK 080.12. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

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 RWY18R, LANDING NORTH, SELECT RWY36L.

NOTE: CNTLR TRANSITION FOR KATL DEPARTURES ONLY.

NOTE: CLT APPROACH WILL ASSIGN LANDING RUNWAY.

CHART NOTE at JRDEN: LANDING SOUTH RWY 18L/C/R: EXPECT RADAR VECTORS to FINAL APPROACH COURSE after JRDEN.

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CHART NOTE at WOOOO: LANDING SOUTH RWY 23: EXPECT RADAR VECTORS to FINAL APPROACH COURSE after WOOOO.

CHART NOTE at CHELE: LANDING NORTH RWY 5, 36L/C/R: EXPECT RADAR VECTORS to FINAL APPROACH COURSE after CHELE.

CHART NOTE: DESCEND VIA MACH NUMBER UNTIL INTERCEPTING 270 KIAS. MAINTAIN 270 KIAS UNTIL SLOWED BY THE STAR OR ASSIGNED BY ATC.

FIXES AND/OR HOLDING PATTERNS:

CHART: STANDALONE FIXES: BANKR, GRD VORTAC.

CHART HOLDING AT: KUPPP, SW, LT, 063.82 INBOUND, 10 NM LEGS. JONZE, SW, LT, 064.61 INBOUND, 10 NM LEGS. GRD VORTAC, SW, RT, 062.00 INBOUND, 10 NM LEGS FROM 11000 TO FL340. BANKR, SW, RT, 038.15 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHARLOTTE APP CON, CHARLOTTE ARR ATIS 121.15.

AIRPORTS SERVED:

CHARLOTTE DOUGLAS INTL, CHARLOTTE, NC

LOST COMMUNICATIONS PROCEDURE:REMARKS:ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

REFERENCE MAGNETIC VARIATION = KCLT 07W/2000

CHART KDCM.

CHART NEAR KDCM: CAUTION: PARACHUTE JUMPING 14NM E DUBBB, 3.00 NM RADIUS KDCM (CHESTER-CATAWBA REGIONAL AIRPORT), AOB 14,500 MSL.

FLIGHT INSPECTED BY:

DUSTIN WELSH

FICO

04/13/2016

Name

Organization

Date

*Digitally signed by***JULIE A MORGAN**

Apr 26, 2016

Signature

DEVELOPED BY:ROBERT SZYMKIEWICZ CLT OAPM NATCA LEAD,
CHERYL ZIBROWSKI FAA CLT OAPM LEAD

Name

Organization

Date

*Digitally signed by***JULIE A MORGAN**

Apr 26, 2016

Signature

APPROVED BY:

MARLON J. ROBINSON, MANAGER

AJV-5410

Date

Name

Organization

Date

*Digitally signed by***JULIE A MORGAN**

Apr 26, 2016

Signature

CHANGES:

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JONZE (RNAV)	ONE	JONZE.JONZE1	NONE		21 JULY 2016

REASONS:

US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

STAR (DATA RECORD)

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
JONZE (RNAV)	ONE	JONZE.JONZE1	NONE		21 JULY 2016

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
BESTT	333528.10N / 0835344.03W	Y		IF					BESTT.JONZE1
CNTRLR	334006.16N / 0833452.18W	Y	FB	TF	073.55	16.42			
EVRRR	335002.23N / 0831425.67W	Y	FB	TF	059.71	19.72			
KUPPP	342053.02N / 0821708.72W	Y	FB	TF	056.82	56.67	AT/ABOVE FL240	AT 270K	
CAAKE	343412.36N / 0815154.32W	Y	FB	TF	057.37	24.75	17000BFL260	AT 270K	
JONZE	344507.90N / 0813059.05W	Y	FB	TF	057.61	20.42	11000BFL210	AT 250K	
En Route Transition									
CNTRLR	334006.16N / 0833452.18W	Y		IF					CNTRLR.JONZE1
EVRRR	335002.23N / 0831425.67W	Y	FB	TF	059.71	19.72			
KUPPP	342053.02N / 0821708.72W	Y	FB	TF	056.82	56.67	AT/ABOVE FL240	AT 270K	
CAAKE	343412.36N / 0815154.32W	Y	FB	TF	057.37	24.75	17000BFL260	AT 270K	
JONZE	344507.90N / 0813059.05W	Y	FB	TF	057.61	20.42	11000BFL210	AT 250K	
Common Route									
JONZE	344507.90N / 0813059.05W	Y		IF			11000BFL210	AT 250K	JONZE.JONZE1
DUBBB	344627.28N / 0812823.77W	Y	FB	TF	058.21	02.51	AT/ABOVE 10000		
Runway Transition									
DUBBB	344627.28N / 0812823.77W	Y		IF			AT/ABOVE 10000		
CHELE	345122.26N / 0810837.72W	Y	FO	TF	073.12	17.00	AT/ABOVE 7000	AT 210K	
KCLT:RWY 05				VM	013.00				
Runway Transition									
DUBBB	344627.28N / 0812823.77W	Y		IF			AT/ABOVE 10000		
WHYLE	345649.99N / 0811558.72W	Y	FB	TF	044.54	14.55	AT/BELOW 16000		
FREEK	350334.97N / 0810716.36W	Y	FB	TF	046.66	09.83	AT/BELOW 11000		
DOSBE	350628.09N / 0810332.01W	Y	FB	TF	046.79	04.21			
AAIRE	350846.57N / 0810344.33W	Y	FB	TF	355.82	02.31	AT 9000	AT 210K	

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
JRDEN	352010.36N / 0810445.09W	Y	FO	TF	355.84	11.41	AT 6000	AT 210K	
KCLT:RWY 18C,RWY 18L,RWY 18R				FM	355.84				RECOMMENDED NAVAID: ILM VORTAC

Runway Transition

DUBBB	344627.28N / 0812823.77W	Y		IF			AT/ABOVE 10000		
WHYLE	345649.99N / 0811558.72W	Y	FB	TF	044.54	14.55	AT/BELOW 16000		
FREEK	350334.97N / 0810716.36W	Y	FB	TF	046.66	09.83	AT/BELOW 11000		
DOSBE	350628.09N / 0810332.01W	Y	FB	TF	046.79	04.21			
RRIKK	350852.95N / 0810249.43W	Y	FB	TF	013.57	02.48	AT 9000	AT 210K	
FLAIR	351627.21N / 0810003.34W	Y	FB	TF	016.69	07.89	AT 7000		
WOOOO	351927.51N / 0805554.62W	Y	FO	TF	048.50	04.53	AT 7000	AT 210K	
KCLT:RWY 23				FM	048.50				RECOMMENDED NAVAID: ILM VORTAC

Runway Transition

DUBBB	344627.28N / 0812823.77W	Y		IF			AT/ABOVE 10000		
CHELE	345122.26N / 0810837.72W	Y	FO	TF	073.12	17.00	AT/ABOVE 7000	AT 210K	
KCLT:RWY 36C,RWY 36L,RWY 36R				FM	073.12				RECOMMENDED NAVAID: ILM VORTAC