

FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 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 depictions attached.

Arrival Name STOCR (RNAV)	Number THREE	STAR Computer Code FLLGG.STOCR3	Superseded Number TWO	Dated 08/17/2017	Effective Date 13 SEP 2018
-------------------------------------	------------------------	---	---------------------------------	----------------------------	--------------------------------------

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
CHECR	CHECR.STOCR3	CHECR	CHECR						
			CHVEE	035.69	59.51	FL180	1600		
			CRVET	036.04	08.46	FL180	1700		BETWEEN FL240 AND FL290
			FLLGG	036.07	20.00	FL180	1700		BETWEEN FL210 AND FL230
CHARLESTON	CHS.STOCR3	CHS VORTAC	CHS VORTAC						
			MOPPR	009.33	41.51	FL180	2300		
			CHRGR	009.35	13.00	FL180	1500		BETWEEN FL240 AND FL290
			FLLGG	009.35	12.00	FL180	1700		BETWEEN FL210 AND FL230
PITRW	PITRW.STOCR3	PITRW	PITRW						
			FFORD	353.71	53.09	FL180	3100		
			SHLBI	348.04	13.62	FL180	1600		BETWEEN FL240 AND FL290
			FLLGG	347.99	12.00	FL180	1700		BETWEEN FL210 AND FL230

ARRIVAL ROUTE DESCRIPTION:

FROM FLLGG ON TRACK 340.93/26.94 TO CROSS FFNSH BETWEEN 16000 AND 23000 AND AT 280 KIAS, THEN ON TRACK 340.79/13.14 TO CROSS STOCR BETWEEN 12000 AND 19000 AND AT 270 KIAS.

LANDING NORTH: RWY 36L/C/R, 05: FROM STOCR ON TRACK 328.53/6.36 TO CROSS FIBBR BETWEEN 11000 AND 16000 AND AT 250 KIAS, THEN ON TRACK 328.02/9.47 TO CROSS TYMER BETWEEN 8000 AND 11000, THEN ON TRACK 327.85/6.38 TO CROSS TERIE BETWEEN 6000 AND 8000, THEN ON TRACK 264.53/4.44 TO CROSS GATEE AT 6000 AND AT 210 KIAS, THEN ON TRACK 272.98. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING SOUTH: RWY 18L/C/R: FROM STOCR ON TRACK 328.55/8.07 TO CROSS LLAPP BETWEEN 11000 AND 16000 AND AT 270 KIAS, THEN ON TRACK 327.96/10.44 TO CROSS ZYMKO BETWEEN 11000 AND 13000 AND AT 250 KIAS, THEN ON TRACK 326.96/13.31 TO CROSS DOOMY BETWEEN 9000 AND 11000, THEN ON TRACK 325.83/5.44 TO POORE, THEN ON TRACK 002.91/3.74 TO CROSS LEEKS AT 9000 AND AT 210 KIAS, THEN ON TRACK 003.21/2.18 TO INNOR, THEN ON TRACK 003.00/7.95 TO CROSS HANDO AT 8000 AND AT 210 KIAS, THEN ON TRACK 003.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING SOUTH: RWY 23: FROM STOCR ON TRACK 328.55/8.07 TO CROSS LLAPP BETWEEN 11000 AND 16000 AND AT 270 KIAS, THEN ON TRACK 327.96/10.44 TO CROSS ZYMKO BETWEEN 11000 AND 13000 AND AT 250 KIAS, THEN ON TRACK 326.96/13.31 TO CROSS DOOMY BETWEEN 9000 AND 11000, THEN ON TRACK 325.83/5.44 TO POORE, THEN ON TRACK 002.91/3.74 TO CROSS LEEKS AT 9000 AND AT 210 KIAS, THEN ON TRACK 003.21/2.18 TO INNOR, THEN ON TRACK 055.47/9.82 TO CROSS JRUTT AT 6000 AND AT 210 KIAS, THEN ON TRACK 055.47. 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 RWY 23, LANDING NORTH, SELECT RWY 36R.



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 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 depictions attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
STOCR	THREE	FLLGG.STOCR3	TWO	08/17/2017	13 SEP 2018

CHART NOTE at HANDO: LANDING SOUTH RWY 18L/C/R: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE after HANDO.
 CHART NOTE at JRUTT: LANDING SOUTH RWY 23: EXPECT RADAR VECTORS to FINAL APPROACH COURSE after JRUTT.
 CHART NOTE at GATEE: LANDING NORTH RWY 36L/C/R, 5: EXPECT RADAR VECTORS to FINAL APPROACH COURSE after GATEE.
 CHART NOTE: DESCEND VIA MACH NUMBER UNTIL INTERCEPTING 280 KIAS. MAINTAIN 280 KIAS UNTIL SLOWED BY THE STAR OR ASSIGNED BY ATC.
 NOTE: CLT APPROACH WILL ASSIGN LANDING RUNWAY.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT FLLGG: HOLD SW, RT, 036.07 INBOUND, 10 NM LEGS.
 CHART HOLDING AT STOCR: HOLD S, LT, 340.79 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHARLOTTE APP CON, CHARLOTTE ARR ATIS.

AIRPORTS SERVED:

CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC (KCLT)

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

ABBREVIATED AMENDMENT, DOES NOT MEET PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
 REFERENCE MAGNETIC VARIATION = KCLT 07W/2000

<u>FLIGHT INSPECTED BY:</u>	PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DECEMBER 22, 2017, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.			<i>Digitally signed by</i> DONALD H LANIER May 18, 2018
	Name	Organization	Date	Signature
<u>DEVELOPED BY:</u>	MICHAEL CURRAN	AJV-5431	05/02/2018	<i>Digitally signed by</i> MICHAEL R CURRAN May 03, 2018
	Name	Organization	Date	Signature
<u>APPROVED BY:</u>	PATRICK MULQUEEN	AJV-5430		<i>Digitally signed by</i> DONALD H LANIER May 18, 2018
	Name	Organization	Date	Signature

CHANGES:

REMOVED SAV VORTAC FROM SAV TRANSITION, RENAMED SAV TRANSITION to CHECR TRANSITION.



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 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 depictions attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
STOCR	THREE	FLLGG.STOCR3	TWO	08/17/2017	13 SEP 2018

REASONS:

ATC REQUEST.



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name STOCR (RNAV)	Number THREE	STAR Computer Code FLLGG.STOCR3	Superseded Number TWO	Dated 08/17/2017	Effective Date 13 SEP 2018
-------------------------------------	------------------------	---	---------------------------------	----------------------------	--------------------------------------

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
CHECR	324305.66N / 0804949.73W	Y		IF					CHECR.STOCR3
CHVEE	333519.41N / 0801537.84W	Y	FB	TF	028.69	59.51			
CRVET	334244.13N / 0801042.37W	Y	FB	TF	029.04	08.46	FL240BFL290	AT 280K	
FLLGG	340014.29N / 0795901.01W	Y	FB	TF	029.07	20.00	FL210BFL230	AT 280K	
En Route Transition									
CHS VORTAC	325339.55N / 0800216.13W	Y		IF					CHS.STOCR3
MOPPR	333512.84N / 0800014.94W	Y	FB	TF	002.33	41.51			
CHRGR	334813.61N / 0795936.59W	Y	FB	TF	002.35	13.00	FL240BFL290	AT 280K	
FLLGG	340014.29N / 0795901.01W	Y	FB	TF	002.35	12.00	FL210BFL230	AT 280K	
En Route Transition									
PITRW	324413.05N / 0793423.27W	Y		IF					PITRW.STOCR3
FFORD	333558.43N / 0794900.29W	Y	FB	TF	346.71	53.09			
SHLBI	334852.41N / 0795418.96W	Y	FB	TF	341.04	13.62	FL240BFL290	AT 280K	
FLLGG	340014.29N / 0795901.01W	Y	FB	TF	340.99	12.00	FL210BFL230	AT 280K	
Common Route									
FLLGG	340014.29N / 0795901.01W	Y		IF			FL210BFL230	AT 280K	FLLGG.STOCR3
FFNSH	342427.90N / 0801319.62W	Y	FB	TF	333.93	26.94	16000BFL230	AT 280K	
STOCR	343616.16N / 0802021.46W	Y	FB	TF	333.79	13.14	12000BFL190	AT 270K	
Runway Transition									
STOCR	343616.16N / 0802021.46W	Y		IF			12000BFL190	AT 270K	
FIBBR	344115.39N / 0802509.38W	Y	FB	TF	321.53	06.36	11000B16000	AT 250K	
TYMER	344837.60N / 0803223.41W	Y	FB	TF	321.02	09.47	8000B11000		
TERIE	345334.94N / 0803717.31W	Y	FB	TF	320.85	06.38	6000B8000		



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

Arrival Name STOCR	Number THREE	STAR Computer Code FLLGG.STOCR3	Superseded Number TWO	Dated 08/17/2017	Effective Date 13 SEP 2018
------------------------------	------------------------	---	---------------------------------	----------------------------	--------------------------------------

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
GATEE	345237.24N / 0804233.31W	Y	FO	TF	257.53	04.44	AT 6000	AT 210K	
KCLT:RWY 36L/C/R, 5				FM	265.98				RECOMMENDED NAVAID: ILM VORTAC

Runway Transition

STOCR	343616.16N / 0802021.46W	Y		IF			12000BFL190	AT 270K	
LLAPP	344235.98N / 0802626.80W	Y	FB	TF	321.55	08.07	11000B16000	AT 270K	
ZYMKO	345043.17N / 0803426.34W	Y	FB	TF	320.96	10.44	11000B13000	AT 250K	
DOOMY	350055.10N / 0804451.72W	Y	FB	TF	319.96	13.31	9000B11000		
POORE	350501.34N / 0804913.73W	Y	FB	TF	318.83	05.44			
LEEKs	350845.38N / 0804933.24W	Y	FB	TF	355.91	03.74	AT 9000	AT 210K	
INNOR	351056.17N / 0804943.80W	Y	FB	TF	356.21	02.18			
HANDO	351852.58N / 0805024.44W	Y	FO	TF	356.00	07.95	AT 8000	AT 210K	
KCLT:RWY 18L/C/R				FM	356.00				RECOMMENDED NAVAID: ILM VORTAC

Runway Transition

STOCR	343616.16N / 0802021.46W	Y		IF			12000BFL190	AT 270K	
LLAPP	344235.98N / 0802626.80W	Y	FB	TF	321.55	08.07	11000B16000	AT 270K	
ZYMKO	345043.17N / 0803426.34W	Y	FB	TF	320.96	10.44	11000B13000	AT 250K	
DOOMY	350055.10N / 0804451.72W	Y	FB	TF	319.96	13.31	9000B11000		
POORE	350501.34N / 0804913.73W	Y	FB	TF	318.83	05.44			
LEEKs	350845.38N / 0804933.24W	Y	FB	TF	355.91	03.74	AT 9000	AT 210K	
INNOR	351056.17N / 0804943.80W	Y	FB	TF	356.21	02.18			
JRUTT	351727.10N / 0804044.98W	Y	FO	TF	048.47	09.82	AT 6000	AT 210K	
KCLT:RWY 23				FM	048.47				RECOMMENDED NAVAID: ILM VORTAC

