

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. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

Arrival Name STOCR (RNAV)	Number FOUR	STAR Computer Code FLLGG.STOCR4	Superseded Number THREE	Dated 09/13/2018	Effective Date 16 MAY 2024
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
CHECR	CHECR.STOCR4	CHECR	CHECR						
			CHVEE	035.69	59.51	FL180	1700		
			CRVET	036.04	08.46	FL180	1700		BETWEEN FL240 AND FL290
			FLLGG	036.07	20.00	FL180	1700		BETWEEN FL210 AND FL230
CHARLESTON	CHS.STOCR4	CHS VORTAC	CHS VORTAC						
			MOPPR	009.33	41.51	FL180	2300		
			CHRGR	009.35	13.00	FL180	1700		BETWEEN FL240 AND FL290
			FLLGG	009.35	12.00	FL180	1700		BETWEEN FL210 AND FL230
PITRW	PITRW.STOCR4	PITRW	PITRW						
			FFORD	353.71	53.09	FL180	3100		
			SHLBI	348.04	13.62	FL180	1700		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 FL230 AND AT 280 KIAS, THEN ON TRACK 340.79/13.14 TO CROSS STOCR BETWEEN 12000 AND FL190 AND AT 270 KIAS.

LANDING RWY 18L/C/R: FROM STOCR ON TRACK 328.55/8.07 TO CROSS LLAPP BETWEEN 12000 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 10000 AND 11000 AND AT 250 KIAS, THEN ON TRACK 325.83/5.44 TO POORE, THEN ON TRACK 002.91/3.74 TO CROSS LEEKS AT 10000 AND AT 210 KIAS, THEN ON TRACK 003.05/10.13 TO HANDO, THEN ON TRACK 003.05. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 36R/C/L: FROM STOCR ON TRACK 328.53/6.36 TO CROSS FIBBR BETWEEN 11000 AND 14000 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 273.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

NOTE: LANDING SOUTH USE RWY 18L TRANSITION, LANDING NORTH USE RWY 36R TRANSITION. EXPECT RUNWAY ASSIGNMENT FROM CLT APPROACH.

NOTE: JET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL 280 KIAS, IF UNABLE, ADVISE ATC.

FIXES AND/OR HOLDING PATTERNS:



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FIXES AND/OR HOLDING PATTERNS:

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

COMMUNICATIONS:

CHART: CHARLOTTE APP CON

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KCLT	CHARLOTTE	NC

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
 MAG VAR: KCLT 07W/2000
 CHART AT GATEE TERMINUS: KCLT LDG RWY 36R/C/L
 CHART AT HANDO TERMINUS: KCLT LDG RWY 18L/C/R

FLIGHT INSPECTED BY:

JEFFREY ECKMAN

ORGANIZATION: **DATE:**

FPO 02/14/2024

Flight Inspected Signature: _____

Digitally signed by

ALLAN WILL

Feb 15, 2024

DEVELOPED BY:

Joey Tinsley

ESC OSG PBN, 09/07/2023
 Co-Lead

Developed By Signature: _____

Digitally signed by

ALLAN WILL

Feb 15, 2024

APPROVED BY:

MIKE GARRITY

AVJ-A423

Approved By Signature: _____

Digitally signed by

ALLAN WILL

Feb 15, 2024

CHANGES:

1. REMOVED ALL REFERENCES TO RWYS 5/23, INCLUDING TRANSITIONS.
2. AMENDED RESTRICTION AT DOOMY: FROM 9000-11000 TO: BETWEEN 10000-11000 AT 250K.
3. REMOVED SPEED AND ALTITUDE RESTRICTIONS AT HANDO WP.
4. REMOVED WAYPOINT INNOR.
5. AMENDED RESTRICTION AT LLAPP: FROM 11000-16000 AT 270K BETWEEN: 12000-16000 AT 270K.
6. AMENDED RESTRICTION AT LEEKS: FROM 9000 AT 210 KIAS TO 10000 AT 210 KIAS.



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- 7. AMENDED RESTRICTION AT FIBBR: FROM 11000-16000 AT 250K TO: 11000-14000 AT 250K.
- 8. MOVED RADAR REQUIRED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES AND RNAV 1 – DME/DME/IRU OR GPS TO PBN REQUIREMENT NOTES.
- 9. PROCEDURAL DATA NOTES: REMOVED 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.
- 10. PROCEDURAL DATA NOTES: CHANGED NOTE FROM Descend via mach number until intercepting 280K. Maintain 280K until slowed by the STAR or assigned by ATC TO NOTE: LANDING SOUTH USE RWY 18L TRANSITION, LANDING NORTH USE RWY 36R TRANSITION. EXPECT RUNWAY ASSIGNMENT FROM CLT APPROACH.
- 11. REMOVED NOTE: CLT approach will assign landing runway.
- 12. PROCEDURAL DATA NOTES: ADDED JET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL 280 KIAS, IF UNABLE, ADVISE ATC.
- 13. ADDITIONAL FLIGHT DATA: ADDED CHART AT GATEE TERMINUS: KCLT LDG RWY 36R/C/L AND CHART AT HANDBO TERMINUS: KCLT LADR RWY 18L/C/R.

REASONS:

- 1-7. ATC REQUEST.
- 8. IAW 8260.19J, 4-5-3.
- 9-12 ATC REQUEST
- 13: IAW 8260.19J 4-5-2(F)

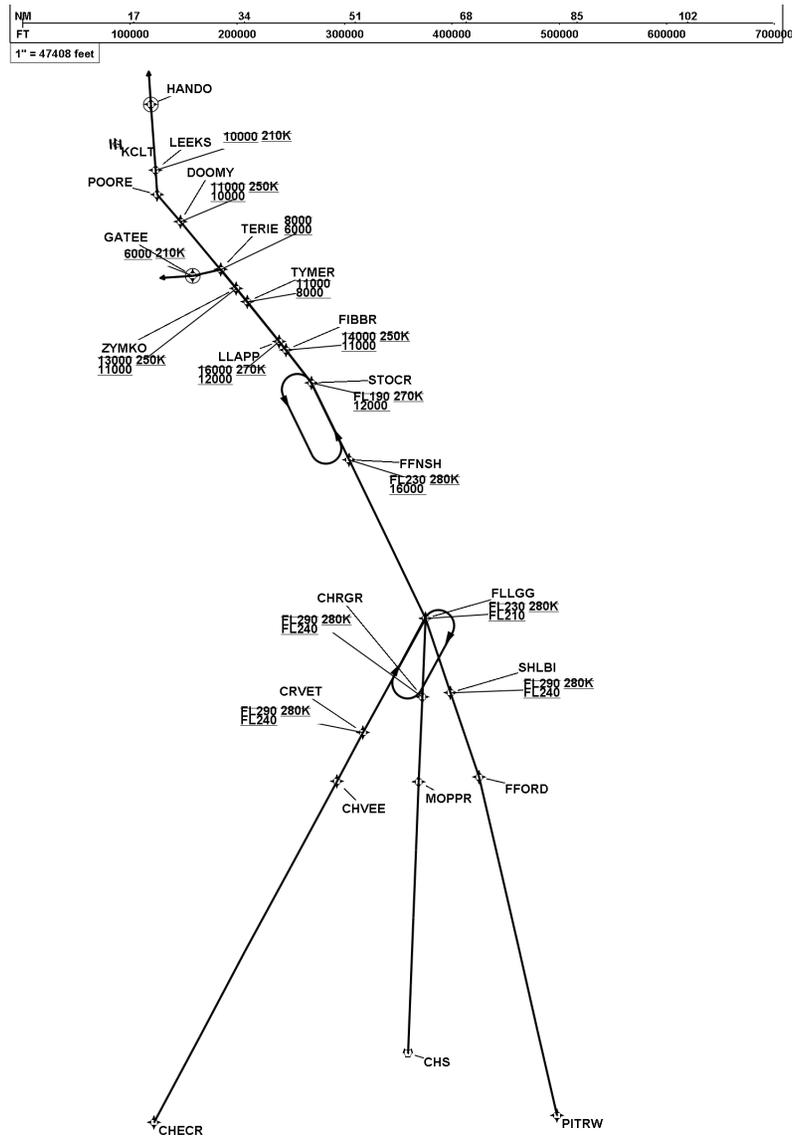


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STOCR (RNAV)	FOUR	FLLGG.STOCR4	THREE	09/13/2018	16 MAY 2024

Graphic Depiction 1

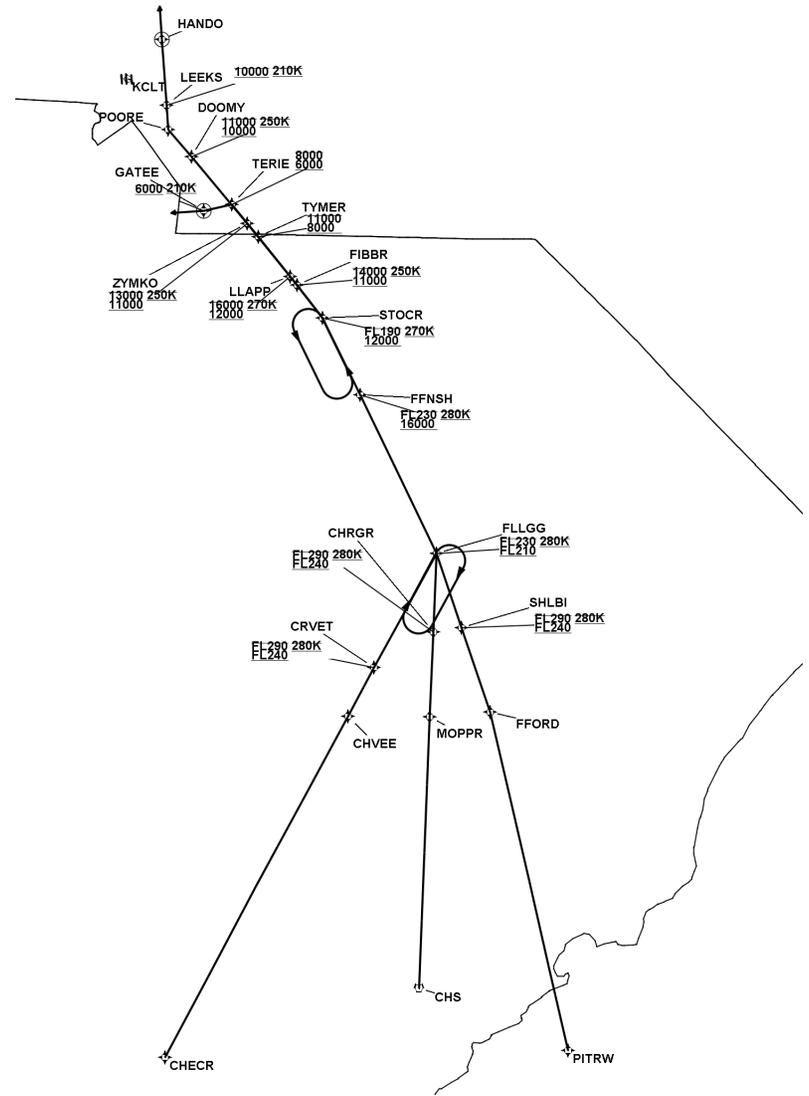


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Graphic Depiction 2

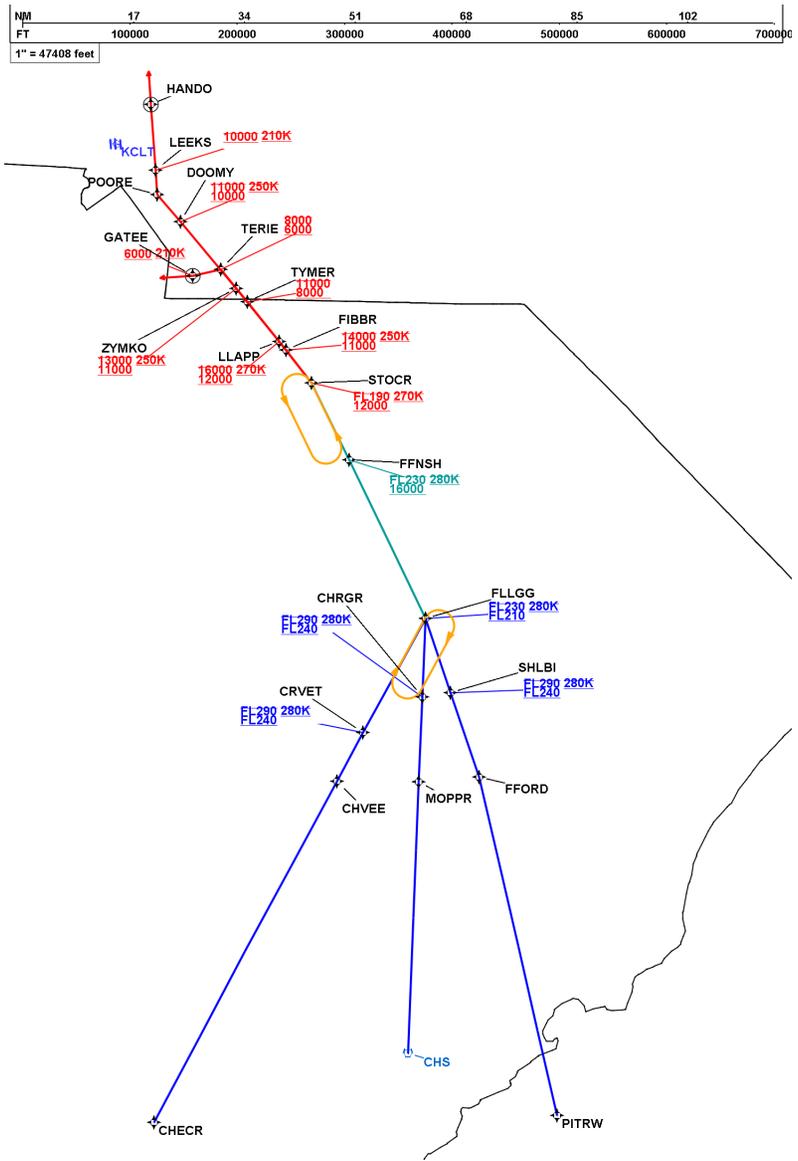


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Graphic Depiction 3



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

Arrival Name STOCR (RNAV)	Number FOUR	STAR Computer Code FLLGG.STOCR4		Superseded Number THREE		Dated 09/13/2018	Effective Date 16 MAY 2024		
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.STOCR4
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.STOCR4
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.STOCR4
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.STOCR4
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	
LLAPP	344235.98N / 0802626.80W	Y	FB	TF	321.55	08.07	12000B16000	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	10000B11000	AT 250K	
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 10000	AT 210K	



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<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
HANDO	351852.58N / 0805024.44W	Y	FO	TF	356.05	10.13			
KCLT:RWY 18L,RWY 18C,RWY 18R				FM	356.05				
Runway Transition									
STOCR	343616.16N / 0802021.46W	Y		IF			12000BFL190	AT 270K	
FIBBR	344115.39N / 0802509.38W	Y	FB	TF	321.53	06.36	11000B14000	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		
GATEE	345237.24N / 0804233.31W	Y	FO	TF	257.53	04.44	AT 6000	AT 210K	
KCLT:RWY 36R,RWY 36C,RWY 36L				FM	266.00				

