

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
OSPRI (RNAV)	SEVEN	TRTLS.OSPRI7	SIX	01/05/2017	

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
DEFFN	DEFFN.OSPRI7	DEFFN	DEFFN						
			WBODY	151.87	24.77	11000	2100		
			BJETS	152.40	16.92	11000	2200		
			GMAST	153.16	13.47	11000	2100		AT/ABOVE FL240
			TRTLS	140.68	42.88	10000	1900		AT/ABOVE 10000
COLLIERS	IRQ.OSPRI7	IRQ	IRQ						
			BEEFE	117.44	20.06	FL180	2400		AT/ABOVE FL240
			BUBOO	117.64	55.87	11000	2200		BETWEEN 11000 AND FL210
			TRTLS	117.78	04.00	10000	1600		AT/ABOVE 10000
OBNEE	OBNEE.OSPRI7	OBNEE	OBNEE						
			NALVE	187.00	12.49	11000	2100		
			COINT	187.41	33.46	11000	2600		
			COBDA	195.74	38.27	11000	1800		
			NINJA	157.24	03.47	11000	1600		BETWEEN 11000 AND FL220
			TRTLS	157.26	04.00	10000	1600		AT/ABOVE 10000
UNJAM	UNJAM.OSPRI7	UNJAM	UNJAM						
			COBDA	183.93	52.45	11000	3100		
			NINJA	157.24	03.47	11000	1600		BETWEEN 11000 AND FL220
			TRTLS	157.26	04.00	10000	1600		AT/ABOVE 10000

ARRIVAL ROUTE DESCRIPTION:

KCHS: FROM TRTLS ON TRACK 118.86/15.47 TO OSPRI.

LANDING KCHS RWY 3: FROM OSPRI ON TRACK 161.13/5.51 TO CROSS AALEX BETWEEN 5000 AND 10000 AND AT 250 KIAS, THEN ON TRACK 162.91/12.31 TO CROSS RECHY AT 4000 AND AT 210 KIAS, THEN ON HEADING 125.00 OR AS ASSIGNED BY ATC. EXPECT RNP RWY 3 APPROACH. NON-RNP AIRCRAFT: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KCHS RWY 15: FROM OSPRI ON TRACK 097.65/8.66 TO CROSS LUTHR AT OR ABOVE 4000. EXPECT ILS OR LOC RWY 15 APPROACH.

LANDING KCHS RWY 21: FROM OSPRI ON TRACK 097.65/8.66 TO CROSS LUTHR AT OR ABOVE 4000, THEN ON TRACK 137.25/9.85 TO CROSS MYERS AT 3000, THEN ON HEADING 137.25 OR AS ASSIGNED BY ATC. EXPECT RNP RWY 21 APPROACH. NON-RNP AIRCRAFT: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KCHS RWY 33: FROM OSPRI ON TRACK 148.25/6.58 TO CROSS PAMJE BETWEEN 5000 AND 10000 AND AT 250 KIAS, THEN ON TRACK 149.08/11.26 TO CROSS LLEXI AT OR ABOVE 5000 AND AT 210 KIAS, THEN ON TRACK 149.01/4.50 TO CROSS JAARD AT 4000 AND AT 210 KIAS, THEN ON HEADING 149.01 OR AS ASSIGNED BY ATC. EXPECT RNP RWY 33 APPROACH. NON-RNP AIRCRAFT: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KJZI: FROM TRTLS ON TRACK 118.86/15.47 TO OSPRI, THEN ON TRACK 174.36/4.68 TO CROSS NKLSS BETWEEN 5000 AND 10000, THEN ON TRACK 174.32/13.66 TO CLFTN, THEN ON TRACK 174.35/6.57 TO CROSS JACKIE AT 4000 AND AT 210 KIAS, THEN ON HEADING 174.35 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

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PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED  
NOTE: RNAV 1  
NOTE: DME/DME/IRU OR GPS REQUIRED  
NOTE: TURBOJET AIRCRAFT ONLY  
NOTE: MONITOR ATIS FOR LANDING RUNWAY.  
NOTE: EXPECT RUNWAY ASSIGNMENT FROM CHARLESTON APPROACH CONTROL ON INITIAL CONTACT.  
LANDING KCHS:  
RWY 3: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE PRIOR TO RECHY.  
RWY 15: EXPECT ILS OR LOC RWY 15.  
RWY 21: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE PRIOR TO MYERS.  
RWY 33: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE PRIOR TO JAARD.  
LANDING KJZI:  
EXPECT RADAR VECTORS TO FINAL APPROACH COURSE PRIOR TO CLFTN.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT BUBOO: HOLD NW, RT, 117.78 INBOUND, 10 NM LEGS.  
CHART HOLDING AT NINJA: HOLD NW, LT, 157.26 INBOUND, 10 NM LEGS.  
CHART HOLDING AT TRTLS: HOLD NW, LT, 140.68 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHARLESTON APP CON, CHARLESTON ATIS, CHARLESTON EXECUTIVE AWOS-3.

AIRPORTS SERVED:

CHARLESTON AFB/INTL, CHARLESTON, SC (KCHS)  
CHARLESTON EXECUTIVE, CHARLESTON, SC (KJZI)

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)  
REFERENCE MAGNETIC VARIATION = KCHS 07W/2010  
DO NOT CHART MOCAs.  
CHART AT MYERS TERMINUS: KCHS LDG RWY 21  
CHART AT LUTHR TERMINUS: KCHS LDG RWY 15



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CHART AT JAARD TERMINUS: KCHS LDG RWY 33 CHART AT RECHY TERMINUS: KCHS LDG RWY 3 CHART AT JACKE TERMINUS: LDG KJZI					
<b>FLIGHT INSPECTED BY:</b>			<i>Digitally signed by</i>		
JEFFREY ECKMAN			<b>DAVID DANNER</b>		
Name			Jul 20, 2020 Signature		
FICO			07/16/2020		
Organization			Date		
<b>DEVELOPED BY:</b>			<i>Digitally signed by</i>		
DAN POWELL			<b>DAVID DANNER</b>		
Name			Jul 20, 2020 Signature		
AJV-A442			02/04/2020		
Organization			Date		
<b>APPROVED BY:</b>			<i>Digitally signed by</i>		
PAT MULQUEEN			<b>DAVID DANNER</b>		
Name			Jul 20, 2020 Signature		
AJV-A440					
Organization			Date		

**CHANGES:**

1. REMOVED "ATC ASSIGNED ONLY" NOTE FROM OBNEE TRANSITION.
2. LLEXI MOVED 1.22 NM NW.
3. 210 KIAS RESTRICTION ADDED AT LLEXI.
4. 210 KIAS RESTRICTION ADDED AT JAARD.
5. 210 KIAS RESTRICTION ADDED AT RECHY.
6. HOLII AND GMCKS REMOVED FROM RWY 33 TRANSITION.
7. RWY TRANSITIONS TO KJZI DELETED AND REPLACED WITH SINGLE COMMON ROUTE.
8. ROUTE TERMINUS INFORMATION ADDED.
9. PLANNING NOTE FOR LANDING KZJI CHANGED: FROM JACKE (R4/9) AND JAISN (R27) TO CLFTN.
10. MEAs REMOVED FROM COMMON AND RUNWAY ARRIVAL ROUTES.
11. MOCAs REMOVED FROM ALL ROUTES.
12. ARRIVAL ROUTE DESCRIPTIONS AMENDED TO PROVIDE INFORMATION TO RNP AND NON-RNP AIRCRAFT.
13. PLANNING NOTE FOR KCHS RWY 33 POINT GMCKS CHANGED TO JAARD.
14. 210 KIAS RESTRICTION ADDED AT JACKE.
15. ADDED CROSS AT 250 KIAS FOR FIXES AALEX AND PAMJE.
16. ADDED DO NOT CHART MOCAS.

**REASONS:**

1. IMPROVE PROCEDURE UTILITY.
2. FACILITATE DESCENT.
- 3-5. FACILITATE RNP APPROACH.



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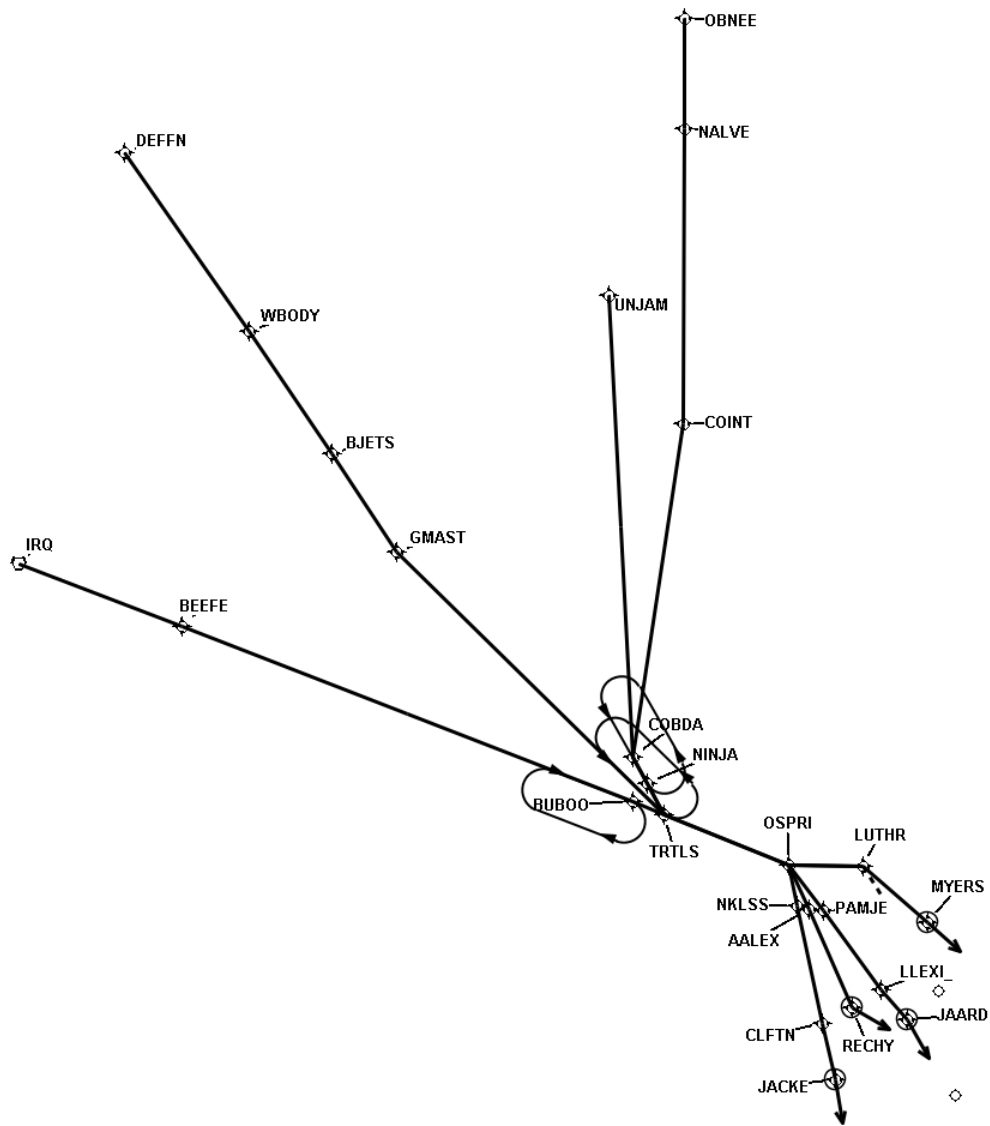
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7. IAW 8260.3D STAR CRITERIA.					
8. ORDER 8260.19H,4-5-1.b.(8)(b).					
9. RUNWAY TRANSITIONS DELETED.					
10. ORDER 8260.3D 2-2-7.e.(3).					
11. REDUCE CHART CLUTTER.					
12. ORDER 8260.19H 4-5-1.b.(9).					
13. GMCKS REMOVED FROM RWY ARRIVAL ROUTE.					
14-16. ATC REQUEST.					



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OSPRI (RNAV)	SEVEN	TRTLS.OSPRI7	SIX	01/05/2017	
Graphic Depiction 1					



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)

Arrival Name OSPRI (RNAV)	Number SEVEN	STAR Computer Code TRTLS.OSPRI7		Superseded Number SIX		Dated 01/05/2017		Effective Date	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
DEFFN	342913.42N / 0815505.64W	Y		IF					DEFFN.OSPRI7
WBODY	340854.39N / 0813755.13W	Y	FB	TF	144.87	24.77			
BJETS	335456.62N / 0812622.47W	Y	FB	TF	145.40	16.92			
GMAST	334343.75N / 0811722.73W	Y	FB	TF	146.16	13.47	AT/ABOVE FL240		
TRTLS	331358.36N / 0804024.51W	Y	FB	TF	133.68	42.88	AT/ABOVE 10000		
En Route Transition									
IRQ	334226.47N / 0820943.43W	Y		IF					IRQ.OSPRI7
BEEFE	333523.29N / 0814713.25W	Y	FB	TF	110.44	20.06	AT/ABOVE FL240		
BUBOO	331523.73N / 0804452.03W	Y	FB	TF	110.64	55.87	11000BFL210		
TRTLS	331358.36N / 0804024.51W	Y	FB	TF	110.78	04.00	AT/ABOVE 10000		
En Route Transition									
OBNEE	344424.20N / 0803735.92W	Y		IF					OBNEE.OSPRI7
NALVE	343153.79N / 0803735.98W	Y	FB	TF	180.00	12.49			
COINT	335822.47N / 0803753.43W	Y	FB	TF	180.41	33.46			
COBDA	332028.27N / 0804449.72W	Y	FB	TF	188.74	38.27			
NINJA	331727.17N / 0804246.44W	Y	FB	TF	150.24	03.47	11000BFL220		
TRTLS	331358.36N / 0804024.51W	Y	FB	TF	150.26	04.00	AT/ABOVE 10000		
En Route Transition									
UNJAM	341256.50N / 0804810.81W	Y		IF					UNJAM.OSPRI7
COBDA	332028.27N / 0804449.72W	Y	FB	TF	176.93	52.45			
NINJA	331727.17N / 0804246.44W	Y	FB	TF	150.24	03.47	11000BFL220		
TRTLS	331358.36N / 0804024.51W	Y	FB	TF	150.26	04.00	AT/ABOVE 10000		



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Common Route									
TRTLS	331358.36N / 0804024.51W	Y		IF			AT/ABOVE 10000		TRTLS.OSPRI7
OSPRI	330810.88N / 0802318.42W	Y	FB	TF	111.86	15.47			
Common Route									
TRTLS	331358.36N / 0804024.51W	Y		IF			AT/ABOVE 10000		TRTLS.OSPRI7
OSPRI	330810.88N / 0802318.42W	Y	FB	TF	111.86	15.47			
NKLSS	330336.26N / 0802205.28W	Y	FB	TF	167.36	04.68	5000B10000		
CLFTN	325015.27N / 0801831.86W	Y	FB	TF	167.32	13.66			
JACKE	324349.94N / 0801649.56W	Y	FO	TF	167.35	06.57	AT 4000	AT 210K	
KJZI				VM	167.35				
Runway Transition									
OSPRI	330810.88N / 0802318.42W	Y		IF					
AALEX	330312.77N / 0802026.77W	Y	FB	TF	154.13	05.51	5000B10000	AT 250K	
RECHY	325157.02N / 0801428.80W	Y	FO	TF	155.91	12.31	AT 4000	AT 210K	
KCHS:RWY 3				VM	118.00				
Runway Transition									
OSPRI	330810.88N / 0802318.42W	Y		IF					
LUTHR	330804.55N / 0801259.62W	Y	FB	TF	090.65	08.66	AT/ABOVE 4000		
KCHS:RWY 15									
Runway Transition									
OSPRI	330810.88N / 0802318.42W	Y		IF					
LUTHR	330804.55N / 0801259.62W	Y	FB	TF	090.65	08.66	AT/ABOVE 4000		
MYERS	330141.46N / 0800402.96W	Y	FO	TF	130.25	09.85	AT 3000		
KCHS:RWY 21				VM	130.25				

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
<b>Runway Transition</b>									
OSPRI	330810.88N / 0802318.42W	Y		IF					
PAMJE	330302.39N / 0801824.55W	Y	FB	TF	141.25	06.58	5000B10000	AT 250K	
LLEXI	325408.03N / 0801011.24W	Y	FB	TF	142.08	11.26	AT/ABOVE 5000	AT 210K	
JAARD	325034.78N / 0800653.98W	Y	FO	TF	142.01	04.50	AT 4000	AT 210K	
KCHS:RWY 33				VM	142.01				

