

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
<b>RIVRS</b>	<b>SIX</b>	<b>RIVRS.RIVRS6</b>	<b>FIVE</b>	<b>08/17/2017</b>	<b>20 JUNE 2019</b>

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
CNOTA	CNOTA.RIVRS6	CNOTA	CNOTA						AT/ABOVE FL180
			UIN VORTAC	145.21 (UIN R-325)	110.03	10000	2700		
			RIVRS	142.68 (UIN R-143)	30.13	10000	2100		
KIRKSVILLE	IRK.RIVRS6	IRK VORTAC	IRK VORTAC						
			RIVRS	112.56 (IRK R-113)	87.84	10000	2400		

ARRIVAL ROUTE DESCRIPTION:

LANDING ALL RUNWAYS: FROM OVER RIVRS ON UIN R-142.68 TO KAJAA, THENCE...  
...EXPECT VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED  
TURBOJET VERTICAL NAVIGATION PLANNING INFORMATION:  
LANDING RWYS 6/11/12L/R: EXPECT CLEARANCE TO CROSS LORLE AT 11000 AND 250 KIAS.  
LANDING RWYS 24/29/30L/R: EXPECT CLEARANCE TO CROSS LORLE AT 15000.

FIXES AND/OR HOLDING PATTERNS:

CHART: TSHAH.  
CHART LORLE AND HOLDING AT LORLE: HOLD NW, RT, 142.68 INBOUND.  
CHART HOLDING AT RIVRS: HOLD NW, RT, 142.68 INBOUND.  
CHART HOLDING AT UIN VORTAC: HOLD NW, RT, 145.21 INBOUND.

COMMUNICATIONS:

ATIS, APP CON

AIRPORTS SERVED:

ST LOUIS LAMBERT INTL, ST LOUIS, MO (KSTL)

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

LOA SUBMITTED FOR NO TERMINUS ALTITUDE; WAIVER SUBMITTED FOR USE OF EXPECT ALTITUDES.  
MEA'S ARE NO LONGER LISTED IN COMMON ROUTE PER CRITERIA  
LOWEST ALTITUDE USEABLE AT TSHAH/KAJAA IS 10000 DUE TO UIN OT MODULATION BEYOND 40 NM.

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<b>RIVRS</b>	<b>SIX</b>	<b>RIVRS.RIVRS6</b>	<b>FIVE</b>	<b>08/17/2017</b>	<b>20 JUNE 2019</b>

ADDITIONAL FLIGHT DATA:FLIGHT INSPECTED BY:

JAMES KRENEK

Name

FICO

Organization

1/6/19

Date

*Digitally signed by***JACOB POWERS**

Mar 12, 2019

Signature

DEVELOPED BY:

Jay Gaumer

Name

ZKC ARTCC Operations Support Specialist

Organization

06/11/2018

Date

*Digitally signed by***JACOB POWERS**

Mar 12, 2019

Signature

APPROVED BY:

MARLON ROBINSON, MGR

Name

AJV-5440

Organization

Date

*Digitally signed by***JACOB POWERS**

Mar 12, 2019

Signature

CHANGES:

1. REMOVED CSX BASED NAVIGATION, EXTENDED ROUTE ALONG UIN RADIAL
2. REMOVED SPINNER TRANSITION.
3. REMOVED FIX MELVY.
4. ADDED FIX TSHAH AND KAJAA.
5. ADDED RADAR REQUIRED NOTE.
6. LORLE HOLDING INBOUND COURSE CHANGED FROM 146.21 TO 142.68.
7. ADDED LOA/WAIVER INFO TO REMARKS SECTION.
8. REPLACED VIA WITH ON AND REMOVED INT FROM FIX DESCRIPTIONS.
9. UIN TO RIVRS MEA CHANGED FROM 2600 TO 6000.
10. CORRECTED ARRIVAL NAME (REMOVED LETTER E), ie RIVERS TO RIVRS.

REASONS:

1. VOR MON - CSX DECOMMISSIONING.
2. Transition no longer meets requirements and is no longer needed.
3. With change in radial, MELVY no longer on route.
4. ATC Request.
5. Aircraft expect vectors to final.
6. UIN Course radial.
7. ATC REQUEST TO DEVIATE FROM CRITERIA.
8. Current documentation standards.
9. NAVAID RECEPTION FROM SPI.
10. STAR NAME MUST CORRESPOND TO FIX IN COMMON ROUTE.

QUALITY  
14  
CHECKED

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

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
<b>RIVRS</b>	<b>SIX</b>	<b>RIVRS.RIVRS6</b>	<b>FIVE</b>	<b>08/17/2017</b>	<b>20 JUNE 2019</b>

10/03/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/02/2018:

1. REVISED MEA'S TO MINIMUM REQUIRED.
2. REMOVED MOCA'S AND MAA'S.
3. REMOVED TERMINUS ALTITUDES.
4. ADDED REMARKS SECTION CONCERNING WAIVER/LOA.

11/05/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/11/2018:

1. REVISED TRANSITION ROUTE MEA'S/MOCA'S DUE TO NAVAID SIGNAL COVERAGE: MEA CNOTA TO UIN CHANGED FROM 2700 TO 10000 (MOCA 2700); MEA UIN TO RIVRS CHANGED FROM 2500 TO 6000 (MOCA 2100); MEA IRK TO RIVRS CHANGED FROM 2700 TO 7000 (MOCA 2400).

12/12/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/11/2018:

1. UIW TO RIVRS MEA CHANGED FROM 6000 TO 10000 DUE TO FC FINDINGS OF UIW OT MODULATION BEYOND 40 NM FROM NAVAID.
2. IRK TO RIVRS MEA CHANGED FROM 6000 TO 10000 DUE TO FC FINDINGS OF UIW OT MODULATION BEYOND 40 NM FROM NAVAID.
3. ADDED REMARK: LOWEST ALTITUDE USEABLE AT TSHAH/KAJAA IS 10000 DUE TO UIN OT MODULATION BEYOND 40 NM.

03/11/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/11/2018:

1. ADDED CROSSING RESTRICTION AT/ABOVE FL180 TO CNOTA FIX.

