

**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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
<b>TSEDL (RNAV)</b>	<b>THREE</b>	<b>TSEDL.TSEDL3</b>	<b>TWO</b>	<b>03/02/2017</b>	<b>07 DEC 2017</b>

**TRANSITION ROUTES:**

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
ZEMMA	ZEMMA.TSEDL3	ZEMMA	ZEMMA						AT/ABOVE FL190
			FIGET	328.18	27.00	8000	2500		BETWEEN 11000 AND 17000
			TSEDL	324.35	07.98	7000	2500		BETWEEN 10000 AND 15000
FIGET	FIGET.TSEDL3	FIGET	FIGET						BETWEEN 11000 AND 17000
			TSEDL	324.35	07.98	7000	2500		BETWEEN 10000 AND 15000

**ARRIVAL ROUTE DESCRIPTION:**

FROM TSEDL ON TRACK 323.95/12.70 TO WAYMN (MEA 6000).

LANDING RWY 35L: FROM WAYMN ON TRACK 320.33/2.00 TO CROSS YUKKY AT OR BELOW 9000 (MEA 5000), THEN ON TRACK 318.12/9.22 TO NUTRE AT OR ABOVE 4000 AND AT 210 KIAS (MEA 3100). EXPECT RNAV (RNP) APPROACH.

LANDING RWY 35R: FROM WAYMN ON TRACK 320.33/2.00 TO CROSS YUKKY AT OR BELOW 9000 (MEA 5000), THEN ON TRACK 322.53/8.77 TO CROSS CROPE AT OR ABOVE 4000 AND AT 210 KIAS (MEA 3100). EXPECT RNAV (RNP) APPROACH.

LANDING RWY 17L/R: FROM WAYMN ON TRACK 352.97/6.18 TO CROSS BAISS AT OR ABOVE 8000 (MEA 5000), THEN ON TRACK 352.99/7.01 TO CROSS DIGSE AT OR ABOVE 7000 AND AT 220 KIAS (MEA 4000), THEN ON TRACK 352.97/5.51 TO CROSS PALMR AT 6000 AND AT 210 KIAS (MEA 3000), THEN ON TRACK 355.96/4.10 TO ISAKE (MEA 3000), THEN ON TRACK 356.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

**PROCEDURAL DATA NOTES:**

- NOTE: RADAR REQUIRED
- NOTE: RNAV 1
- NOTE: DME/DME/IRU OR GPS REQUIRED

**FIXES AND/OR HOLDING PATTERNS:**



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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
TSDel (RNAV)	THREE	TSDel.TSDel3	TWO	03/02/2017	07 DEC 2017

**COMMUNICATIONS:**

ZFW ARTCC, OKC ATIS, OKC APP CON

**AIRPORTS SERVED:**

AIRPORT NAME	CITY	STATE
WILL ROGERS WORLD	OKLAHOMA CITY	OK

**LOST COMMUNICATIONS PREFERENCES:**

**REMARKS:**

ABBREVIATED AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.

**ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0)  
REFERENCE MAGNETIC VARIATION = KOKC 04E/2020

**FLIGHT INSPECTED BY:**

FLIGHT INSPECTION NOT REQUIRED, MANAGER ROBER STUCKERT	<b><u>ORGANIZATION:</u></b> AJW-331	<b><u>DATE:</u></b> 11/17/2016	Flight Inspected Signature:	<i>Digitally signed by</i> <b>BEV L BORDY</b> Jul 25, 2017
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**DEVELOPED BY:**

LIAM DONAHUE	AJV-5431	06/30/2017	Developed By Signature:	<i>Digitally signed by</i> <b>LIAM DONAHUE</b> Jun 30, 2017
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**APPROVED BY:**

PATRICK MULQUEEN	AJV-5430		Approved By Signature:	<i>Digitally signed by</i> <b>BEV L BORDY</b> Jul 25, 2017
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**CHANGES:**

1. CHANGED FORM FROM FAA FORM 7100-4 TO FAA FORM 8260-17.1/17.2.
2. CHANGED REFERENCE MAGNETIC VARIATION FROM 05E/2010 TO 04E/2020 IN ADDITIONAL FLIGHT DATA.
3. UPDATED ALL COURSES TO REFLECT NEW REFERENCE MAGNETIC VARIATION.



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<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
<b>TSEDEL (RNAV)</b>	<b>THREE</b>	<b>TSEDEL.TSEDEL3</b>	<b>TWO</b>	<b>03/02/2017</b>	<b>07 DEC 2017</b>

**REASONS:**

1. FAAO 8260.19G, 4-5-1B(32).
- 2, 3. AIRPORT MAGNETIC VARIATION UPDATED TO EPOCH YEAR 2020.



FEDERAL AVIATION ADMINISTRATION  
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 STAR (DATA RECORD)

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
TSEDL (RNAV)	THREE	TSEDL.TSEDL3	TWO	03/02/2017	07 DEC 2017

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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EN ROUTE TRANSITION

ZEMMA	342301.81N / 0965924.01W	Y		IF			AT/ABOVE FL190	AT 280K	ZEMMA.TSEDL3
FIGET	344656.00N / 0971442.00W	Y	FB	TF	332.18	27.00	11000B17000	AT 280K	
TSEDL	345344.11N / 0971947.39W	Y	FB	TF	328.35	07.98	10000B15000	AT 250K	

EN ROUTE TRANSITION

FIGET	344656.00N / 0971442.00W	Y		IF			11000B17000	AT 280K	FIGET.TSEDL3
TSEDL	345344.11N / 0971947.39W	Y	FB	TF	328.35	07.98	10000B15000	AT 250K	

COMMON ROUTE

TSEDL	345344.11N / 0971947.39W	Y		IF			10000B15000	AT 250K	TSEDL.TSEDL3
WAYMN	350430.72N / 0972800.09W	Y	FB	TF	327.95	12.70			

RUNWAY TRANSITION

WAYMN	350430.72N / 0972800.09W	Y		IF					
YUKKY	350608.36N / 0972925.37W	Y	FB	TF	324.33	0200	AT/BELOW 9000		
NUTRE	351325.70N / 0973620.09W	Y	FB	TF	322.12	09.22	AT/ABOVE 4000	AT 210K	

KOKC:RWY 35L



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TSEDL (RNAV)	THREE	TSEDL.TSEDL3	TWO	03/02/2017	07 DEC 2017

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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RUNWAY TRANSITION

WAYMN	350430.72N / 0972800.09W	Y		IF					
YUKKY	350608.36N / 0972925.37W	Y	FB	TF	324.33	2.00	AT/BELOW 9000		
CROPE	351327.80N / 0973519.60W	Y	FB	TF	326.53	08.77	AT/BELOW 4000	AT 210K	

KOKC:RWY 35R

RUNWAY TRANSITION

WAYMN	350430.72N / 0972800.09W	Y		IF					
BAISS	351041.41N / 0972823.98W	Y	FB	TF	356.97	06.18	AT/ABOVE 8000		
DIGSE	351741.82N / 0972850.94W	Y	FB	TF	356.99	07.01	AT/ABOVE 7000	AT 220K	
PALMR	352312.51N / 0972912.33W	Y	FB	TF	356.97	05.51	AT 6000	AT 210K	
ISAKE	352718.89N / 0972912.54W		FO	TF	359.96	04.10			

KOKC:RWY 17L/R

FM 000.00

RECOMMENDED NAVAID: PGO VORTAC

