

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.
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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
LEDDL (RNAV)	ONE	COBBZ.LEDDL1	NONE		07/11/2024

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
GLAZR	GLAZR.LEDDL1	GLAZR	GLAZR						
			DNUTS	007.76	28.52	10000	4100		
			ARUSH	350.21	34.24	10000	3600		
			COBBZ	324.55	10.01	10000	2800		BETWEEN 14000 AND 16000
LAFOX	LAFOX.LEDDL1	LAFOX	LAFOX						
			KOFEY	301.60	30.52	10000	3700		
			ARUSH	318.25	11.68	10000	3600		
			COBBZ	324.55	10.01	10000	2800		BETWEEN 14000 AND 16000
YOCKY	YOCKY.LEDDL1	YOCKY	YOCKY						
			ARUSH	257.02	39.10	10000	3600		
			COBBZ	324.55	10.01	10000	2800		BETWEEN 14000 AND 16000

ARRIVAL ROUTE DESCRIPTION:

KSDF: FROM COBBZ ON TRACK 347.97/9.74 TO CROSS LEDDL BETWEEN 11000 AND 13000.

LANDING KSDF RWY 17L/R: FROM LEDDL ON TRACK 349.13/7.00 TO CROSS SODAA BETWEEN 9000 AND 11000, THEN ON TRACK 349.09/7.01 TO CROSS LUEEY BETWEEN 7000 AND 9000, THEN ON TRACK 322.45/7.00 TO CROSS RODAH BETWEEN 6000 AND 7000, THEN ON TRACK 322.39/14.00 TO CROSS STVNZ AT 6000, THEN ON TRACK 322.26/11.41 TO MYCUL, THEN ON TRACK 350.60/4.04 TO CROSS HHANA AT 6000, THEN ON TRACK 350.60. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KSDF RWY 29: FROM LEDDL ON TRACK 349.13/7.00 TO CROSS SODAA BETWEEN 9000 AND 11000, THEN ON TRACK 349.09/7.01 TO CROSS LUEEY BETWEEN 7000 AND 9000, THEN ON TRACK 317.42/9.09 TO CROSS SNDLS AT 6000, THEN ON TRACK 294.87/7.62 TO CROSS TRUBS AT 4000 AND AT 210 KIAS. EXPECT LOC RWY 29 APPROACH.

LANDING KSDF RWY 35L: FROM LEDDL ON TRACK 281.72/7.00 TO CROSS PPATI BETWEEN 9000 AND 11000, THEN ON TRACK 278.56/7.01 TO CROSS OLDIZ BETWEEN 7000 AND 9000, THEN ON TRACK 285.68/6.36 TO CROSS KYLAH AT 7000, THEN ON TRACK 320.52/5.30 TO CROSS BRBON AT 6000. EXPECT ILS OR LOC RWY 35L APPROACH.

LANDING KSDF RWY 35R: FROM LEDDL ON TRACK 281.72/7.00 TO CROSS PPATI BETWEEN 9000 AND 11000, THEN ON TRACK 278.56/7.01 TO CROSS OLDIZ BETWEEN 7000 AND 9000, THEN ON TRACK 285.68/6.36 TO CROSS KYLAH AT 7000, THEN ON TRACK 330.24/4.89 TO CROSS MEEKO AT 6000. EXPECT ILS OR LOC RWY 35R APPROACH.

LANDING KJVV: FROM COBBZ ON TRACK 347.97/9.74 TO CROSS LEDDL BETWEEN 11000 AND 13000, THEN ON TRACK 349.13/7.00 TO CROSS SODAA BETWEEN 9000 AND 11000, THEN ON TRACK 349.09/7.01 TO CROSS LUEEY BETWEEN 7000 AND 9000, THEN ON TRACK 340.26/12.45 TO CROSS PNNIC AT 5000, THEN ON TRACK 335.77. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KLOU: FROM COBBZ ON TRACK 347.97/9.74 TO CROSS LEDDL BETWEEN 11000 AND 13000, THEN ON TRACK 349.13/7.00 TO CROSS SODAA BETWEEN 9000 AND 11000, THEN ON TRACK 349.09/7.01 TO CROSS LUEEY BETWEEN 7000 AND 9000, THEN ON TRACK 340.26/12.45 TO CROSS PNNIC AT 5000, THEN ON TRACK 331.40. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED



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LEDDL (RNAV)	ONE	COBBZ.LEDDL1	NONE		07/11/2024

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

NOTE: KSDF LANDING NORTH SELECT RWY 35R TRANSITION. EXPECT RUNWAY ASSIGNMENT FROM LOUISVILLE APP CON PRIOR TO COBBZ.

NOTE: KSDF LANDING SOUTH SELECT RWY 17L TRANSITION. EXPECT RUNWAY ASSIGNMENT FROM LOUISVILLE APP CON PRIOR TO COBBZ.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT LAFOX: HOLD SE, RT, 301.60 INBOUND, 10 NM LEGS.

CHART HOLDING AT DNUIS: HOLD S, RT, 350.21 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: LOUISVILLE APP CON.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSDF	LOUISVILLE	KY
KLOU	LOUISVILLE	KY
KJVV	JEFFERSONVILLE	IN

LOST COMMUNICATIONS PREFERENCES:**REMARKS:****ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0)

MAG VAR: KSDF 05W/2020.

CHART AT PNNIC TERMINUS: LDG KJVV AND KLOU.

CHART AT HHANA TERMINUS: KSDF LDG RWY 17L/R.

CHART AT TRUBS TERMINUS: KSDF LDG RWY 29

CHART AT BRBON TERMINUS: KSDF LDG RWY 35L

CHART AT MEEKO TERMINUS: KSDF LDG RWY 35R



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Arrival Name LEDDL (RNAV)	Number ONE	STAR Computer Code COBBZ.LEDDL1	Superseded Number NONE	Dated <i>Digitally signed by</i> ALLAN WILL Jun 04, 2024	Effective Date 07/11/2024
<u>FLIGHT INSPECTED BY:</u> PENDING	<u>ORGANIZATION:</u>	<u>DATE:</u>	Flight Inspected Signature:	<i>Digitally signed by</i> ALLAN WILL Jun 04, 2024	
<u>DEVELOPED BY:</u> Jeffrey Chester	ZID	3/6/2024	Developed By Signature:	<i>Digitally signed by</i> ALLAN WILL Jun 04, 2024	
<u>APPROVED BY:</u> ALLAN WILL	AJV-A423		Approved By Signature:	<i>Digitally signed by</i> ALLAN WILL Jun 04, 2024	

CHANGES:

06/03/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/06/24.

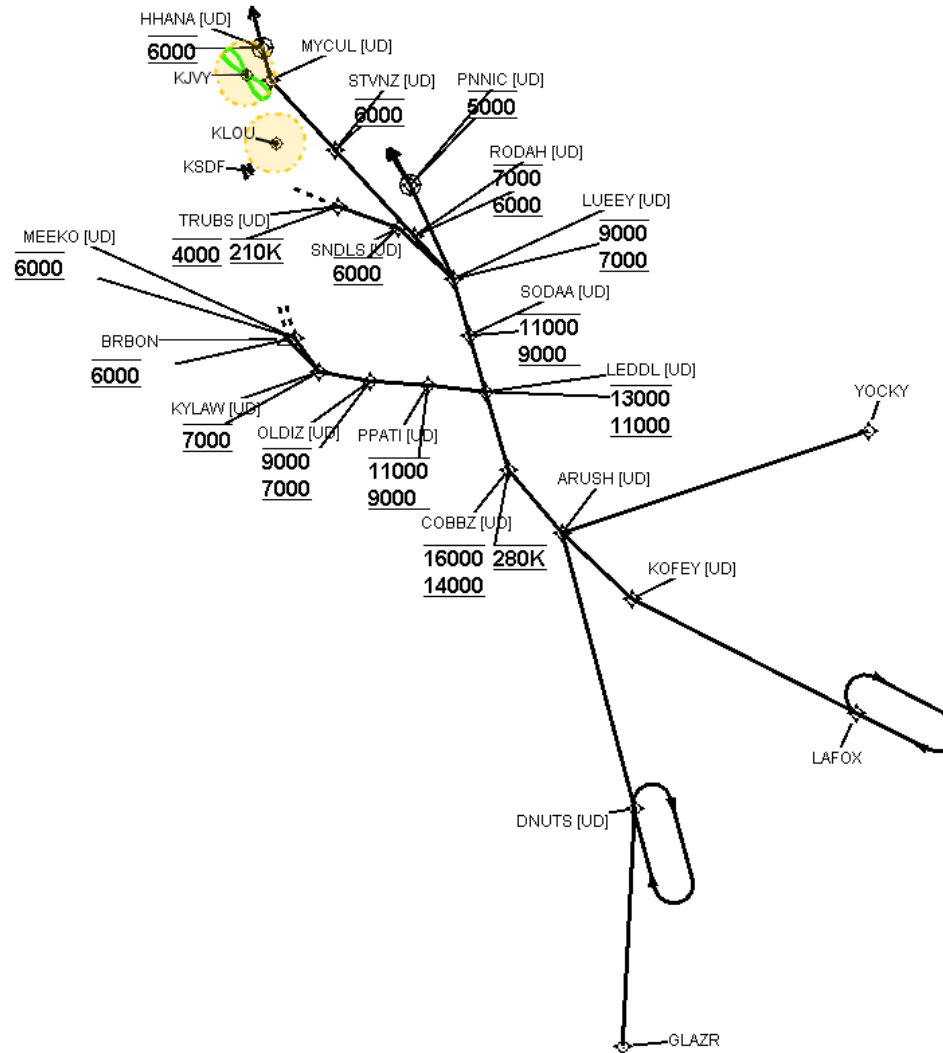
1. ADDED 07/11/2024 TO EFFECTIVE DATE - MANAGEMENT HARD DATED PER 8260.26 2-1-3 DEVIATIONS.
2. FLIGHT INSPECTED BY: ADDED PENDING.

REASONS:

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LEDDL (RNAV)	ONE	COBBZ.LEDDL1	NONE		07/11/2024
Graphic Depiction 1					



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name LEDDL (RNAV)	Number ONE		STAR Computer Code COBBZ.LEDDL1		Superseded Number NONE		Dated	Effective Date 07/11/2024	
<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>
En Route Transition									
GLAZR	362520.78N / 0844649.29W	Y		IF					GLAZR.LEDDL1
DNUTS	365352.11N / 0844506.45W	Y	FB	TF	002.76	28.52			
ARUSH	372700.59N / 0845604.87W	Y	FB	TF	345.21	34.24			
COBBZ	373438.10N / 0850415.32W	Y	FB	TF	319.55	10.01	14000B16000	AT 280K	
En Route Transition									
LAFOX	370523.92N / 0841110.72W	Y		IF					LAFOX.LEDDL1
KOFey	371900.15N / 0844523.59W	Y	FB	TF	296.60	30.52			
ARUSH	372700.59N / 0845604.87W	Y	FB	TF	313.25	11.68			
COBBZ	373438.10N / 0850415.32W	Y	FB	TF	319.55	10.01	14000B16000	AT 280K	
En Route Transition									
YOCKY	373914.79N / 0840922.45W	Y		IF					YOCKY.LEDDL1
ARUSH	372700.59N / 0845604.87W	Y	FB	TF	252.02	39.10			
COBBZ	373438.10N / 0850415.32W	Y	FB	TF	319.55	10.01	14000B16000	AT 280K	
Common Route									
COBBZ	373438.10N / 0850415.32W	Y		IF			14000B16000	AT 280K	COBBZ.LEDDL1
LEDDL	374357.76N / 0850751.17W	Y	FB	TF	342.97	09.74	11000B13000		
Common Route									
COBBZ	373438.10N / 0850415.32W	Y		IF			14000B16000	AT 280K	COBBZ.LEDDL1
LEDDL	374357.76N / 0850751.17W	Y	FB	TF	342.97	09.74	11000B13000		
SODAA	375042.19N / 0851016.15W	Y	FB	TF	344.13	07.00	9000B11000		
LUEEY	375727.34N / 0851242.02W	Y	FB	TF	344.09	07.01	7000B9000		
PNNIC	380846.20N / 0851918.21W	Y	FO	TF	335.26	12.45	AT 5000		
KJvY				FM	330.77				

QUALITY
35
CHECKED

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Arrival Name LEDDL (RNAV)		Number ONE		STAR Computer Code COBBZ.LEDDL1		Superseded Number NONE		Dated	Effective Date 07/11/2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Common Route									
COBBZ	373438.10N / 0850415.32W	Y		IF			14000B16000	AT 280K	COBBZ.LEDDL1
LEDDL	374357.76N / 0850751.17W	Y	FB	TF	342.97	09.74	11000B13000		
SODAA	375042.19N / 0851016.15W	Y	FB	TF	344.13	07.00	9000B11000		
LUEEY	375727.34N / 0851242.02W	Y	FB	TF	344.09	07.01	7000B9000		
PNNIC	380846.20N / 0851918.21W	Y	FO	TF	335.26	12.45	AT 5000		
KLOU				FM	326.40				
Runway Transition									
LEDDL	374357.76N / 0850751.17W	Y		IF			11000B13000		
SODAA	375042.19N / 0851016.15W	Y	FB	TF	344.13	07.00	9000B11000		
LUEEY	375727.34N / 0851242.02W	Y	FB	TF	344.09	07.01	7000B9000		
RODAH	380236.94N / 0851841.56W	Y	FB	TF	317.45	07.00	6000B7000		
STVNZ	381255.20N / 0853043.17W	Y	FB	TF	317.39	14.00	AT 6000		
MYCUL	382118.06N / 0854033.69W	Y	FB	TF	317.26	11.41			
HHANA	382513.00N / 0854150.36W	Y	FO	TF	345.60	04.04	AT 6000		
KSDF:RWY 17L,RWY 17R				FM	345.60				
Runway Transition									
LEDDL	374357.76N / 0850751.17W	Y		IF			11000B13000		
SODAA	375042.19N / 0851016.15W	Y	FB	TF	344.13	07.00	9000B11000		
LUEEY	375727.34N / 0851242.02W	Y	FB	TF	344.09	07.01	7000B9000		
SNDLS	380335.46N / 0852111.94W	Y	FB	TF	312.42	09.09	AT 6000		
TRUBS	380610.75N / 0853016.96W	Y	FB	TF	289.87	07.62	AT 4000	AT 210K	
KSDF:RWY 29									
Runway Transition									
LEDDL	374357.76N / 0850751.17W	Y		IF			11000B13000		
PPATI	374446.60N / 0851637.08W	Y	FB	TF	276.72	07.00	9000B11000		

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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>
OLDIZ	374512.43N / 0852526.02W	Y	FB	TF	273.56	07.01	7000B9000		
KYLAW	374622.98N / 0853319.22W	Y	FB	TF	280.68	06.36	AT 7000		
BRBON	375009.94N / 0853800.33W	Y	FB	TF	315.52	05.30	AT 6000		
KSDF:RWY 35L									
Runway Transition									
LEDDL	374357.76N / 0850751.17W	Y		IF			11000B13000		
PPATI	374446.60N / 0851637.08W	Y	FB	TF	276.72	07.00	9000B11000		
OLDIZ	374512.43N / 0852526.02W	Y	FB	TF	273.56	07.01	7000B9000		
KYLAW	374622.98N / 0853319.22W	Y	FB	TF	280.68	06.36	AT 7000		
MEEKO	375024.32N / 0853650.43W	Y	FB	TF	325.24	04.89	AT 6000		
KSDF:RWY 35R									

