

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
GRAPHIC DEPARTURE PROCEDURES (DP)**

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.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
CHUUC	FIVE	CHUUC5.CHUUC	FOUR	09/17/2017	19 JULY 2018

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**DP ROUTE DESCRIPTION:**

**TAKEOFF RWY 6:** CLIMB HEADING 063.81 TO 1120, THEN AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CHUUC. THENCE...  
**TAKEOFF RWY 24:** CLIMB HEADING 243.83 TO 1120, THEN AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CHUUC. THENCE...  
**TAKEOFF RWY 11:** CLIMB HEADING 123.17 TO 1120, THEN DIRECT LUUBE, CROSS LUUBE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO CHUUC. THENCE...  
**TAKEOFF RWY 12L, 12R:** CLIMB HEADING 123.19 TO 1120, THEN DIRECT HEFNR, CROSS HEFNR AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO CHUUC. THENCE...  
**TAKEOFF RWY 29:** CLIMB HEADING 303.18 TO 1120, THEN DIRECT HAGEE, CROSS HAGEE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO CHUUC. THENCE...  
**TAKEOFF RWY 30L:** CLIMB HEADING 303.20 TO 1120, THEN DIRECT PYUNG, CROSS PYUNG AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO CHUUC. THENCE...  
**TAKEOFF RWY 30R:** CLIMB HEADING 303.21 TO 1120, THEN DIRECT PYUNG, CROSS PYUNG AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO CHUUC. THENCE...  
 ... (TRANSITION). MAINTAIN 5000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
WALNUT RIDGE	CHUUC5.ARG	CHUUC	MYERZ	TRACK 185.95	53.58	FL180	3300	
			ARG VORTAC	TRACK 193.19	66.70	FL180	2700	
MALDEN	CHUUC5.MAW	CHUUC	MYERZ	TRACK 185.95	53.58	FL180	3300	
			MAW VORTAC	TRACK 137.54	52.90	FL180	2700	
MYERZ	CHUUC5.MYERZ	CHUUC	MYERZ	TRACK 185.95	53.58	FL180	3300	

**PROCEDURAL DATA NOTES:**

- NOTE:** RNAV 1.
- NOTE:** DME/DME/IRU OR GPS REQUIRED.
- NOTE:** RADAR REQUIRED.
- NOTE:** FOR USE BY TURBOJET AIRCRAFT ONLY.

**TAKEOFF MINIMUMS:**

**RWY 6:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1120 THEN MINIMUM CLIMB OF 240 FT PER NM TO 5000.  
**RWY 24:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1120 THEN MINIMUM CLIMB OF 260 FT PER NM TO 5000.  
**RWY 11:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO LUUBE.  
**RWY 12L, 12R:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO HEFNR.  
**RWY 29:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO HAGEE.  
**RWY 30L, 30R:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO PYUNG.



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CHUUC	FIVE	CHUUC5.CHUUC	FOUR	09/17/2017	19 JULY 2018

**TAKEOFF OBSTACLES NOTES:**  
SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

**CONTROLLING OBSTACLES:**

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**  
REFERENCE MAG VAR: KSTL 1W, EPOCH YEAR: 2020  
DME/DME ASSESSMENT: SAT (RNP 2.0)  
**CHART:** TOP ALTITUDE: 5000

**PILOT NAVIGATION AREA:**  
7 NM ARC CENTERED ON CHUUC (IF), CW  
FROM: POINT A (BEARING 141 DEGREES TO CHUUC)  
TO: POINT B (BEARING 231 DEGREES TO CHUUC)  
MINIMUM ALTITUDE - 10000

**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
ST LOUIS LAMBERT INTL	ST LOUIS	MO

**COMMUNICATIONS:**  
ATIS, CLNC DEL, GND CON, GND METER, DEP CON, TOWER

**FIXES AND/OR NAVAIDS:**  
WAARN, ALLNT, ELDBB, DAFUS, GEJAY

**REMARKS:**  
ABBREVIATED AMENDMENT: SPEED RESTRICTION NOTE "ACCELERATE TO 250 KIAS;IF UNABLE, ADVISE ATC" DELETED.  
REMARKS RETAINED FROM MAMDT 4:  
ABBREVIATED AMENDMENT, DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.  
CHUUC THREE WAS ALSO AN ABBREVIATED AMENDMENT. FLIGHT CHECK MAPS AND RNAV PRO EVALUATIONS FROM CHUUC TWO USED IN "S" AND "P" FILES.



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CHUUC	FIVE	CHUUC5.CHUUC	FOUR	09/17/2017	19 JULY 2018

**FLIGHT INSPECTED BY:** \_\_\_\_\_ **OFFICE SYMBOL:** \_\_\_\_\_ **DATE:** \_\_\_\_\_  
 FLIGHT INSPECTION REVIEW NOT REQUIRED-PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO DEC 22, 2017.

**DEVELOPED BY:** \_\_\_\_\_ **OFFICE SYMBOL:** \_\_\_\_\_ **DATE:** \_\_\_\_\_  
 LONNIE EVERHART  
 (EDUARDO LIMA) AJV-5400 04/23/2018

**APPROVED BY:** \_\_\_\_\_ **OFFICE SYMBOL:** \_\_\_\_\_ **DATE:** \_\_\_\_\_  
 LONNIE EVERHART AJV-5400

**REQUIRED EFFECTIVE DATE:**  
 ROUTINE

**COORDINATED WITH:**

<b><u>A4A</u></b>	<b><u>ALPA</u></b>	<b><u>AOPA</u></b>	<b><u>APA</u></b>	<b><u>HAI</u></b>	<b><u>NBAA</u></b>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**  
 ZKC, STL APP CON, STL ATCT, AMGR

**CHANGES - REASONS:**  
 SPEED RESTRICTION NOTE "ACCELERATE TO 250 KIAS; IF UNABLE, ADVISE ATC" DELETED.



FEDERAL AVIATION ADMINISTRATION  
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 DEPARTURE (DATA RECORD)

<u>DP NAME</u>		<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>			
CHUUC		FIVE	CHUUC5.CHUUC	FOUR	09/17/2017	19 JULY 2018			
<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>
<b>RW06 (AER)</b>	384448.04N/0902252.43W	N	-	-	-	-			
1120 MSL		-	-	VA	062.81	-			CG 500 FT/NM TO 1120
		-	-	VM	062.81	-			CG 240 FT/NM TO 5000
CHUUC	380520.86N/0903403.58W	Y	FB	DF	-	-			
<b>RW11 (AER)</b>	384535.83N/0902435.55W	N	-	-	-	-			
1120 MSL		-	-	VA	122.17	-			CG 500 FT/NM TO LUUBE
LUUBE	384208.40N/0901735.03W	Y	FB	DF	-	-	AT/ABOVE 2500		
DAFUS	383808.82N/0901734.70W	Y	FB	TF	179.94	3.99			
GEJAY	383243.89N/0902314.64W	Y	FB	TF	219.42	7.00			
CHUUC	380520.86N/0903403.58W	Y	FB	TF	197.34	28.65			
<b>RW12L (AER)</b>	384506.41N/0902158.66W	N	-	-	-	-			
1120 MSL		-	-	VA	122.19	-			CG 500 FT/NM TO HEFNR
HEFNR	384206.39N/0901624.55W	Y	FB	DF	-	-	AT/ABOVE 2500		
DAFUS	383808.82N/0901734.70W	Y	FB	TF	193.04	4.06			
GEJAY	383243.89N/0902314.64W	Y	FB	TF	219.42	7.00			
CHUUC	380520.86N/0903403.58W	Y	FB	TF	197.34	28.65			
<b>RW12R (AER)*</b>	384511.59N/0902239.98W*	N	-	-	-	-			*DISPL THLD (467)
1120 MSL		-	-	VA	122.19	-			CG 500 FT/NM TO HEFNR
HEFNR	384206.39N/0901624.55W	Y	FB	DF	-	-	AT/ABOVE 2500		



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CHUUC		FIVE	CHUUC5.CHUUC	FOUR	09/17/2017	19 JULY 2018			
<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>
DAFUS	383808.82N/0901734.70W	Y	FB	TF	193.04	4.06			
GEJAY	383243.89N/0902314.64W	Y	FB	TF	219.42	7.00			
CHUUC	380520.86N/0903403.58W	Y	FB	TF	197.34	28.65			
<b>RW24 (AER)</b>	384522.38N/0902127.02W	N	-	-	-	-			
1120 MSL		-	-	VA	242.83	-			CG 500 FT/NM TO 1120
		-	-	VM	242.83	-			CG 260 FT/NM TO 5000
CHUUC	380520.86N/0903403.58W	Y	FB	DF	-	-			
<b>RW29 (AER)</b>	384448.46N/0902259.39W	N	-	-	-	-			
1120 MSL		-	-	VA	302.18	-			CG 500 FT/NM TO HAGEE
HAGEE	384735.74N/0902840.90W	Y	FB	DF	-	-	AT/ABOVE 2500		
WAARN	384536.12N/0903229.93W	Y	FB	TF	236.31	3.59			
ELDBB	384116.21N/0903249.96W	Y	FB	TF	183.46	4.34			
CHUUC	380520.86N/0903403.58W	Y	FB	TF	181.55	35.90			
<b>RW30L (AER)*</b>	384417.08N/0902049.42W*	N	-	-	-	-			*DISPL THLD (201)
1120 MSL		-	-	VA	302.20	-			CG 500 FT/NM TO PYUNG
PYUNG	384718.73N/0902700.07W	Y	FB	DF	-	-	AT/ABOVE 2500		
ALLNT	384502.97N/0903108.69W	Y	FB	TF	235.13	3.95			
ELDBB	384116.21N/0903249.96W	Y	FB	TF	199.29	4.00			
CHUUC	380520.86N/0903403.58W	Y	FB	TF	181.55	35.90			



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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>
<b>RW30R (AER)</b>	384418.99N/0902022.51W	N	-	-	-	-			
1120 MSL		-	-	VA	302.21	-			CG 500 FT/NM TO PYUNG
PYUNG	384718.73N/0902700.07W	Y	FB	DF	-	-	AT/ABOVE 2500		
ALLNT	384502.97N/0903108.69W	Y	FB	TF	235.13	3.95			
ELDBB	384116.21N/0903249.96W	Y	FB	TF	199.29	4.00			
CHUUC	380520.86N/0903403.58W	Y	FB	TF	181.55	35.90			
CHUUC	380520.86N/0903403.58W	Y	-	IF	-	-			CHUUC5.ARG
MYERZ	371154.18N/0903950.95W	Y	FB	TF	184.95	53.58			
ARG VORTAC	360636.07N/0905713.30W	Y	FB	TF	192.19	66.70			
CHUUC	380520.86N/0903403.58W	Y	-	IF	-	-			CHUUC5.MAW
MYERZ	371154.18N/0903950.95W	Y	FB	TF	184.95	53.58			
MAW VORTAC	363318.41N/0895441.12W	Y	FB	TF	136.54	52.90			
CHUUC	380520.86N/0903403.58W	Y	-	IF	-	-			CHUUC5.MYERZ
MYERZ	371154.18N/0903950.95W	Y	FB	TF	184.95	53.58			

