

This is a corrected copy of the procedure previously published in NFDD 138. NOTE: This procedure is Effective for 10OCT2019.

**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SUPERSEDED NUMBER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>
ELANR	SIX	ELANR6.ELANR	FIVE	11/08/2018	10OCT2019

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	☐	☐	☒	☐	☒

DP ROUTE DESCRIPTION:

AURORA MUNI:

TAKEOFF RWY 9: CLIMB HEADING 090.14 TO 1220, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 15: CLIMB HEADING 147.71 TO 1220, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 18: CLIMB HEADING 180.95 TO 1220, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 27: CLIMB HEADING 270.15 TO 1220, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 33: CLIMB HEADING 327.71 TO 1220, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 36: CLIMB HEADING 000.95 TO 1220, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

DUPAGE:

TAKEOFF RWY 2L, 2R: CLIMB HEADING 015.01 TO 1260, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 10: CLIMB HEADING 097.02 TO 1260, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 15: CLIMB HEADING 148.56 TO 1260, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 20L, 20R: CLIMB HEADING 195.02 TO 1260, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 28: CLIMB HEADING 277.03 TO 1260, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 33: CLIMB HEADING 328.57 TO 1260, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

GARY/CHICAGO INTL:

TAKEOFF RWY 2: CLIMB HEADING 022.18 TO 1100, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 12: CLIMB HEADING 125.15 TO 1100, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 20: CLIMB HEADING 202.19 TO 1300, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 30: CLIMB HEADING 305.16 TO 1100, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

LEWIS UNIVERSITY:

TAKEOFF RWY 2: CLIMB HEADING 014.73 TO 1180, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 9: CLIMB HEADING 088.73 TO 1180, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 20: CLIMB HEADING 194.73 TO 1180, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...
TAKEOFF RWY 27: CLIMB HEADING 268.74 TO 1180, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

...ON TRACK 173.52 TO ELANR, THEN ON (TRANSITION), MAINTAIN 3000. 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>
EMEGE	ELANR6.EMEGE	ELANR	EMMLY	TRACK 169.51	45.98	5000	2300	
		EMMLY	ETAME	TRACK 145.36	34.29	5000	2300	
		ETAME	EMEGE	TRACK 148.67	19.24	5000	2400	
EMMLY	ELANR6.EMMLY	ELANR	EMMLY	TRACK 169.51	45.98	5000	2300	

QUALITY
18
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**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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ELANR			SIX	ELANR6.ELANR	FIVE	11/08/2018	10OCT2019
ERECO	ELANR6.ERECO	ELANR	EMMLY	TRACK 169.51	45.98	5000	2300
		EMMLY	ERECO	TRACK 161.22	29.53	5000	2100

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: TURBOJET DEPARTURES MAINTAIN 250 KIAS UNTIL ADVISED BY ATC.

NOTE: EMMLY TRANSITION: FOR AIRCRAFT INBOUND TO INDIANAPOLIS TERMINAL AREA, OR AS ASSIGNED BY ATC.

TAKEOFF MINIMUMS:**AURORA MUNI:****RWY 9, 15, 18, 27, 33, 36:** STANDARD.**DUPAGE:****RWY 2L, 2R, 10, 20L, 20R, 28, 33:** STANDARD.**RWY 15:** 300-1 3/8 OR STANDARD WITH MINIMUM CLIMB OF 205 FT PER NM TO 1000.**GARY/CHICAGO INTL:****RWY 2:** STANDARD WITH MINIMUM CLIMB OF 323 FT PER NM TO 2700.**RWY 12:** STANDARD WITH MINIMUM CLIMB OF 330 FT PER NM TO 2700.**RWY 20:** STANDARD WITH MINIMUM CLIMB OF 350 FT PER NM TO 2700.**RWY 30:** STANDARD WITH MINIMUM CLIMB OF 320 FT PER NM TO 2700.**LEWIS UNIVERSITY:****RWY 9, 20, 27:** STANDARD.**RWY 2:** STANDARD WITH MINIMUM CLIMB OF 420 FT PER NM TO 1200.**TAKEOFF OBSTACLES NOTES:****AURORA MUNI:**

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

DUPAGE:

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

GARY/CHICAGO INTL:

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

LEWIS UNIVERSITY:

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

CONTROLLING OBSTACLES:**DUPAGE:****RWY 15:** 927 FT MSL TOWER 415354.25N, 0881314.62W.**GARY/CHICAGO INTL:****RWY 2:** 791 FT MSL STACK 413757.67N/0872408.22W, 823FT MSL STACK 413821.50N/0872425.23W.**OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 20 -** 1096 FT MSL TOWER 413358.15N/0872506.13W.

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ELANR	SIX	ELANR6.ELANR	FIVE	11/08/2018	10OCT2019

LEWIS UNIVERSITY:

RWY 2: 1087 FT MSL STACK 413759.00N/0880344.00W, 875 FT MSL TOWER 413755.00N/0880541.00W, 876 FT MSL TOWER 413755.97N/0880541.31W.

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KDPA 1W EPOCH YR: 1985

DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: MEA/MOCA FROM EARND TO ELANR, 5000/2200.

PILOT NAVIGATION AREA:

7NM ARC CENTERED ON EARND (IF), CW

FROM: POINT A (BEARING 129 DEGREES TO EARND)

TO: POINT B (BEARING 219 DEGREES TO EARND)

MINIMUM ALTITUDE - 5000

ALL AIRPORTS - CHART: TOP ALTITUDE: 3000

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
DUPAGE	CHICAGO/WEST CHICAGO	IL
AURORA MUNI	CHICAGO/AURORA	IL
GARY/CHICAGO INTL	GARY	IN
LEWIS UNIVERSITY	CHICAGO/ROMEOVILLE	IL

COMMUNICATIONS:**FIXES AND/OR NAVAIDS:****REMARKS:**

PER ATC, INITIAL CLIMB TO 3000 FOR SEPARATION. AIRCRAFT WILL BE AT/ABOVE 5000 BY EARND.



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FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESS IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCT 3, 2018.

OFFICE SYMBOL:**DATE:****DEVELOPED BY:**

NICHOLAS K. JACKSON

*Digitally signed by***NICHOLAS JACKSON**

Aug 07, 2019

*Digitally signed by***DONALD H LANIER**

Aug 08, 2019

OFFICE SYMBOL:

AJV-A431

DATE:

05/09/2019

APPROVED BY:

LONNIE EVERHART

*Digitally signed by***DONALD H LANIER**

Aug 08, 2019

OFFICE SYMBOL:

AJV-A430

DATE:**REQUIRED EFFECTIVE DATE:**

ROUTINE

COORDINATED WITH:A4AALPAAOPAAPAHAINBAA**OTHER:**

ZAU, CHICAGO APP CON, GYY ATCT, ARR ATCT, DPA ATCT, AMGR.

CHANGES - REASONS:

1. UPDATED 8260-15C CLIMB TO ALTITUDE FOR KGGY RWY 20 FROM 1100 MSL TO 1300 MSL. - TO MATCH KGGY RWY 20 DP ROUTE DESCRIPTION.

08/07/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/10/2019.

1. ADDED TRACK (173.52) UNDER DP ROUTE DESCRIPTION.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE			
ELANR		SIX	ELANR6.ELANR	FIVE	11/08/2018	10OCT2019			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
AURORA MUNI									
RW09 (AER)	414612.55N/0882907.31W	N	-	-	-	-			
1220 MSL	-	-	-	VA	089.14	-			
-	-	-	-	VM	089.14	-			
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-			
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52			
RW15 (AER)	414648.10N/0882910.16W	N	-	-	-	-			
1220 MSL	-	-	-	VA	146.71	-			
-	-	-	-	VM	146.71	-			
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-			
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52			
RW18 (AER)	414635.69N/0882817.82W	N	-	-	-	-			
1220 MSL	-	-	-	VA	179.95	-			
-	-	-	-	VM	179.95	-			
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-			
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52			
RW27 (AER)	414613.51N/0882741.52W	N	-	-	-	-			
1220 MSL	-	-	-	VA	269.15	-			
-	-	-	-	VM	269.15	-			
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-			

QUALITY

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52					
RW33 (AER)	414602.66N/0882830.30W	N	-	-	-	-					
1220 MSL	-	-	-	VA	326.71	-					
-	-	-	-	VM	326.71	-					
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-					
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52					
RW36 (AER)	414604.10N/0882817.78W	N	-	-	-	-					
1220 MSL	-	-	-	VA	359.95	-					
-	-	-	-	VM	359.95	-					
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-					
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52					
RW02L (AER)	WEST CHICAGO/DUPAGE 415338.51N/0881512.77W	N	-	-	-	-					
1260 MSL	-	-	-	VA	014.01	-					
-	-	-	-	VM	014.01	-					
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-					
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52					
RW02R (AER)	415336.07N/0881459.71W	N	-	-	-	-					
1260 MSL	-	-	-	VA	014.01	-					

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18

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18
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ELANR		SIX		ELANR6.ELANR		FIVE		11/08/2018		10OCT2019	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
-	-	-	-	VM	014.01	-					
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-					
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52					
RW10 (AER)	415448.52N/0881530.55W	N	-	-	-	-					
1260 MSL	-	-	-	VA	096.02	-					
-	-	-	-	VM	096.02	-					
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-					
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52					
RW15 (AER)	415509.20N/0881444.64W	N	-	-	-	-					
1260 MSL	-	-	-	VA	147.56	-			CG 205 FT PER NM TO 1000		
-	-	-	-	VM	147.56	-					
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-					
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52					
RW20L (AER)	415437.90N/0881439.06W	N	-	-	-	-					
1260 MSL	-	-	-	VA	194.02	-					
-	-	-	-	VM	194.02	-					
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-					
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52					

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ELANR		SIX	ELANR6.ELANR	FIVE	11/08/2018	10OCT2019			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW20R (AER)	415451.08N/0881448.52W	N	-	-	-	-			
1260 MSL	-	-	-	VA	194.02	-			
-	-	-	-	VM	194.02	-			
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-			
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52			
RW28 (AER)	415443.60N/0881428.07W	N	-	-	-	-			
1260 MSL	-	-	-	VA	276.03	-			
-	-	-	-	VM	276.03	-			
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-			
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52			
RW33 (AER)*	415442.45N/0881421.88W*	N	-	-	-	-			*DISPLACED THLD (190 FT)
1260 MSL	-	-	-	VA	327.57	-			
-	-	-	-	VM	327.57	-			
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-			
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52			
RW02 (AER)	GARY/CHICAGO INTL 413644.22N/0872506.30W	N	-	-	-	-			
1100 MSL	-	-	-	VA	021.18	-			CG 323 FT PER NM TO 2700
-	-	-	-	VM	021.18	-			
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-			

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52					
RW12 (AER)	413727.14N/0872538.36W	N	-	-	-	-					
1100 MSL	-	-	-	VA	124.15	-				CG (ATC) 330 FT PER NM TO 2700	
-	-	-	-	VM	124.15	-					
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-					
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52					
RW20 (AER)	413717.41N/0872449.15W	N	-	-	-	-					
1300 MSL	-	-	-	VA	201.19	-				CG 350 FT PER NM TO 2700	
-	-	-	-	VM	201.19	-					
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-					
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52					
RW30 (AER)	413638.00N/0872401.85W	N	-	-	-	-					
1100 MSL	-	-	-	VA	304.16	-				CG (ATC) 320 FT PER NM TO 2700	
-	-	-	-	VM	304.16	-					
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-					
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52					
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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>
1180 MSL	-	-	-	VA	013.73	-			CG 420 FT PER NM TO 1200
-	-	-	-	VM	013.73	-			
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-			
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52			
RW09 (AER)	413628.93N/0880616.00W	N	-	-	-	-			
1180 MSL	-	-	-	VA	087.73	-			
-	-	-	-	VM	087.73	-			
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-			
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52			
RW20 (AER)	413659.61N/0880542.92W	N	-	-	-	-			
1180 MSL	-	-	-	VA	193.73	-			
-	-	-	-	VM	193.73	-			
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-			
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52			
RW27 (AER)*	413631.08N/0880503.66W*	N	-	-	-	-			*DISPLACED THLD (196 FT)
1180 MSL	-	-	-	VA	267.74	-			
-	-	-	-	VM	267.74	-			
EARND	412531.00N/0873420.00W	Y	FB	DF	-	-			
ELANR	411206.00N/0873200.00W	Y	FB	TF	172.52	13.52			

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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>
ELANR	411206.00N/0873200.00W	Y	-	IF	-	-			ELANR6.EMEGE
EMMLY	402700.00N/0872000.00W	Y	FB	TF	168.51	45.98			
ETAME	395904.00N/0865400.00W	Y	FB	TF	144.35	34.29			
EMEGE	394247.00N/0864040.00W	Y	FB	TF	147.67	19.24			
ELANR	411206.00N/0873200.00W	Y	-	IF	-	-			ELANR6.EMMLY
EMMLY	402700.00N/0872000.00W	Y	FB	TF	168.51	45.98			
ELANR	411206.00N/0873200.00W	Y	-	IF	-	-			ELANR6.ERECO
EMMLY	402700.00N/0872000.00W	Y	FB	TF	168.51	45.98			
ERECO	395911.00N/0870700.00W	Y	FB	TF	160.22	29.53			

