

**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SUPERSEDED NUMBER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>ACTUAL EFFECTIVE DATE</u>
ELANR	SEVEN	ELANR7.ELANR	SIX	10/10/2019	
<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 ON HEADING 090.14 TO 1220, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 15: CLIMB ON HEADING 147.71 TO 1220, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 18: CLIMB ON HEADING 180.95 TO 1220, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 27: CLIMB ON HEADING 270.15 TO 1220, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 33: CLIMB ON HEADING 327.71 TO 1220, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 36: CLIMB ON HEADING 000.95 TO 1220, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

DUPAGE:

TAKEOFF RWY 2L, 2R: CLIMB ON HEADING 015.01 TO 1260, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 10: CLIMB ON HEADING 097.02 TO 1260, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 15: CLIMB ON HEADING 148.56 TO 1260, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 20L, 20R: CLIMB ON HEADING 195.02 TO 1260, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 28: CLIMB ON HEADING 277.03 TO 1260, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 33: CLIMB ON HEADING 328.57 TO 1260, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

GARY/CHICAGO INTL:

TAKEOFF RWY 2: CLIMB ON HEADING 022.18 TO 1100, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 12: CLIMB ON HEADING 125.15 TO 1100, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 20: CLIMB ON HEADING 202.19 TO 1300, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 30: CLIMB ON HEADING 305.16 TO 1100, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

LEWIS UNIVERSITY:

TAKEOFF RWY 2: CLIMB ON HEADING 014.73 TO 1180, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 9: CLIMB ON HEADING 088.73 TO 1180, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 20: CLIMB ON HEADING 194.73 TO 1180, THEN AS ASSIGNED BY ATC, FOR VECTORS TO EARND, THENCE ...

TAKEOFF RWY 27: CLIMB ON 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	ELANR7.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	ELANR7.EMMLY	ELANR	EMMLY	TRACK 169.51	45.98	5000	2300	

QUALITY
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CHECKED

<u>DP NAME</u>		<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ELANR		SEVEN	ELANR7.ELANR	SIX	10/10/2019	
ERECO	ELANR7.ERECO	ELANR	EMMLY	TRACK 169.51	45.98	5000 2300
		EMMLY	ERECO	TRACK 161.22	29.53	5000 2100

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

PROCEDURAL DATA NOTES:

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.

LEWIS UNIVERSITY:



RWY 2: 875 FT MSL TOWER 413755.00N/0880541.00W.
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 20: 1087 FT MSL STACK 413759.00N/0880344.00W.

MSA:
MSA FROM KARR, 2600.
MSA FROM KDPA, 3400.
MSA FROM KGYG, 3400.
MSA FROM KLOT, 3400.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
AIRPORT MV:KDPA (P) 1W/1985, ARR 1W/1990, GYY 2W/1990, LOT 2W/2000.
DME/DME ASSESSMENT: SAT (RNP 2.0).
CHART: MEA/MOCA FROM EARND TO ELANR, 5000/2200.
ALL AIRPORTS - CHART: TOP ALTITUDE: 3000.

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
KDPA	CHICAGO/WEST CHICAGO	IL
KARR	CHICAGO/AURORA	IL
KGYG	GARY/CHICAGO	IN
KLOT	CHICAGO/ROMEOVILLE	IL

COMMUNICATIONS:

CHART: ATIS, GND CON, TWR

FIXES AND/OR NAVAIDS:

REMARKS:

ABBREVIATED AMENDMENT TO CHANGE CITY NAME FROM GARY TO GARY/CHICAGO.
PER ATC, INITIAL CLIMB TO 3000 FOR SEPARATION. AIRCRAFT WILL BE AT/ABOVE 5000 BY EARND.

FLIGHT INSPECTED BY

SIGNATURE

OFFICE

DATE

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR
PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by
DAVID DANNER
Sep 10, 2024

DEVELOPED BY

SIGNATURE

OFFICE

DATE

TIMOTHY JOHNSON

Digitally signed by
Timothy Johnson
Aug 08, 2024

AJV-A421

08/05/2024

APPROVED BY

SIGNATURE

OFFICE

DATE

TITLE

DAVID DANNER

Digitally signed by
DAVID DANNER

AJV-A421

10/31/2024

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

Sep 10, 2024



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ELANR	SEVEN	ELANR7.ELANR	SIX	10/10/2019	

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, CHICAGO APP CON, GYY ATCT, ARR ATCT, DPA ATCT, AMGR.

CHANGES - REASONS:

1. CHANGED ALL INSTANCES OF "CLIMB HEADING..." TO "CLIMB ON HEADING..." IN DP ROUTE DESCRIPTION - CURRENT CRITERIA.
2. MOVED NOTE: "RADAR REQUIRED" FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES - CURRENT CRITERIA.
3. MOVED NOTE: "RNAV 1" AND NOTE: "DME/DME/IRU OR GPS REQUIRED" FROM PROCEDURAL DATA NOTES TO PBN REQUIREMENT NOTES - CURRENT CRITERIA.
4. ADDED EQUIPMENT REQUIREMENT NOTE: "RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT" - CURRENT CRITERIA.
5. TAKEOFF MINIMUMS: CHANGED GARY/CHICAGO INTL FROM "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" TO "RWY 12, 20, 30: STANDARD. RWY 2: STANDARD WITH MINIMUM CLIMB OF 323 FT PER NM TO 900" - TO MATCH THE OTHER SIDS AT KGYG.
6. TAKEOFF MINIMUMS: CHANGED LEWIS UNIVERSITY FROM "RWY 9, 20, 27: STANDARD. RWY 2: STANDARD WITH MINIMUM CLIMB OF 420 FT PER NM TO 1200" TO "RWY 2: STANDARD WITH MINIMUM CLIMB OF 420 FT PER NM TO 2700, RWY 9: STANDARD WITH MINIMUM CLIMB OF 310 FT PER NM TO 2700, RWY 20: STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 2700, RWY 27: STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM TO 2700" - TO MATCH THE OTHER SIDS AT KGYG.
7. ADDED MSA FROM KARR, 2600, MSA FROM KDPA, 3400, MSA FROM KGYG, 3400, MSA FROM KLOT, 3400 - CURRENT CRITERIA.
8. ADDITIONAL FLIGHT DATA: REMOVED "REFERENCE MAG VAR: KDPA 1W EPOCH YR: 1985" AND ADDED "AIRPORT MV: KDPA (P) 1W/1985, AIRPORT MV: KARR 1W/1990, AIRPORT MV: KGYG 2W/1990, AIRPORT MV: KLOT 2W/2000" - CURRENT CRITERIA.
9. REMOVED 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" FROM ADDITIONAL FLIGHT DATA - CURRENT CRITERIA.
10. CITY NAME CHANGED FROM GARY TO GARY/CHICAGO IN AIRPORTS SERVED - CURRENT AIRNAV DATA.
11. ADDED "CHART: ATIS, GND CON, TWR" TO COMMUNICATIONS SECTION - CURRENT CRITERIA.
12. REMARKS: ADDED "ABBREVIATED AMENDMENT" - CURRENT CRITERIA.

09/09/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/15/24.

1. TERMINAL ROUTES SECTION - ADDED A DECIMAL TO THE COURSE BETWEEN EMMLY AND ETANE.
2. TERMINAL ROUTES SECTION - UPDATED THE TRANSITION COMPUTER CODE FOR EMMLY.



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

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		EFFECTIVE DATE	
ELANR		SEVEN		ELANR7.ELANR		SIX		10/10/2019			
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	-	-					

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ELANR		SEVEN		ELANR7.ELANR		SIX		10/10/2019			
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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DEPARTURE (DATA RECORD)**

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		EFFECTIVE DATE	
ELANR		SEVEN		ELANR7.ELANR		SIX		10/10/2019			
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	T	FB	TF	172.52	13.52					

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

DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE			
ELANR		SEVEN	ELANR7.ELANR	SIX	10/10/2019				
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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ELANR		SEVEN		ELANR7.ELANR		SIX		10/10/2019			
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 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 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					
CHICAGO/LEWIS UNIVERSITY											
RW02 (AER)	413557.23N/0880603.23W	N	-	-	-	-			QUALITY		

QUALITY
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ELANR		SEVEN		ELANR7.ELANR		SIX		10/10/2019	
<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>
1300 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			

QUALITY
23
CHECKED

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
ELANR							SEVEN	ELANR7.ELANR	SIX	10/10/2019	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
ELANR	411206.00N/0873200.00W	Y	-	IF	-	-				ELANR7.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	-	-				ELANR7.EMMLY	
EMMLY	402700.00N/0872000.00W	Y	FB	TF	168.51	45.98					
											ELANR7.ERECO
ELANR	411206.00N/0873200.00W	Y	-	IF	-	-					
EMMLY	402700.00N/0872000.00W	Y	FB	TF	168.51	45.98					
ERECO	395911.00N/0870700.00W	Y	FB	TF	160.22	29.53					

