

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

CHICAGO/AURORA MUNI (KARR)

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

CHICAGO/WEST CHICAGO/DUPAGE (KDPX)

TAKEOFF RWY 2L, 2R: CLIMB HEADING 015.01 OR AS ASSIGNED BY ATC TO 1260, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 10: CLIMB ON HEADING 097.01 OR AS ASSIGNED BY ATC TO 1260, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 15: CLIMB ON HEADING 148.56 OR AS ASSIGNED BY ATC TO 1260, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 20L: CLIMB ON HEADING 195.01 OR AS ASSIGNED BY ATC TO 1260, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 20R: CLIMB ON HEADING 195.02 OR AS ASSIGNED BY ATC TO 1260, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 28: CLIMB ON HEADING 277.02 OR AS ASSIGNED BY ATC TO 1260, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 33: CLIMB ON HEADING 328.57 OR AS ASSIGNED BY ATC TO 1260, EXPECT VECTORS TO CMSKY. THENCE...

GARY/CHICAGO INTL (KGGY)

TAKEOFF RWY 2: CLIMB HEADING 022.19 OR AS ASSIGNED BY ATC TO 1100, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 12: CLIMB HEADING 125.15 OR AS ASSIGNED BY ATC TO 1100, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 20: CLIMB HEADING 202.20 OR AS ASSIGNED BY ATC TO 1100, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 30: CLIMB HEADING 305.16 OR AS ASSIGNED BY ATC TO 1100, EXPECT VECTORS TO CMSKY. THENCE...

CHICAGO/LEWIS UNIVERSITY (KLOT)

TAKEOFF RWY 2: CLIMB HEADING 014.73 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 9: CLIMB HEADING 088.73 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 20: CLIMB HEADING 194.73 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 27: CLIMB HEADING 268.74 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO CMSKY. THENCE...

CHICAGO MIDWAY INTL (KMDW)

TAKEOFF RWY 4L, 4R: CLIMB HEADING 100.00 OR AS ASSIGNED BY ATC TO 1120, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 13L: CLIMB HEADING 134.53 OR AS ASSIGNED BY ATC TO 1120, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 13C: CLIMB HEADING 134.55 OR AS ASSIGNED BY ATC TO 1120, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 13R: CLIMB HEADING 134.56 OR AS ASSIGNED BY ATC TO 1120, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 22L: CLIMB HEADING 224.48 OR AS ASSIGNED BY ATC TO 1120, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 22R: CLIMB HEADING 224.47 OR AS ASSIGNED BY ATC TO 1120, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 31L: CLIMB HEADING 314.57 OR AS ASSIGNED BY ATC TO 1120, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 31C: CLIMB HEADING 314.57 OR AS ASSIGNED BY ATC TO 1120, EXPECT VECTORS TO CMSKY. THENCE...
 TAKEOFF RWY 31R: CLIMB HEADING 314.53 OR AS ASSIGNED BY ATC TO 1120, EXPECT VECTORS TO CMSKY. THENCE...

...ON TRACK 185.04 TO CARYN, THEN ON (TRANSITION). MAINTAIN 3000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.



U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
CYBIL	CARYN2.CYBIL	CARYN	CYBIL	TRACK 179.68	55.96	5000	2200	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

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

NOTE: SPECIAL INSTRUCTIONS: CHICAGO MIDWAY INTL: FOR ALL RUNWAYS, COMPLETE INITIALLY ASSIGNED TURN WITHIN 4 NM OF CHICAGO MIDWAY INTL..

TAKEOFF MINIMUMS:

CHICAGO/AURORA MUNI (KARR)

RWY 9, 15, 18, 27, 33, 36 STANDARD.

CHICAGO/WEST CHICAGO/DUPAGE (KDPA)

RWY 2L, 2R, 10, 15, 20L, 20R, 28, 33 STANDARD.

GARY/CHICAGO INTL (KGYG)

RWY 12, 30 STANDARD. RWY 2, STANDARD WITH MINIMUM CLIMB OF 321 FT PER NM TO 900. RWY 20, STANDARD WITH MINIMUM CLIMB OF 256 FT PER NM TO 1300.

CHICAGO/LEWIS UNIVERSITY (KLOT)

RWY 2, STANDARD WITH MINIMUM CLIMB OF 420 FT PER NM TO 2700.

RWY 9, STANDARD WITH MINIMUM ATC CLIMB OF 260 FT PER NM TO 2700.

RWY 20, 27 STANDARD.

CHICAGO MIDWAY INTL (KMDW)

RWY 4L, 4R, 13L, 13C, 13R, 22L, 22R, 31L, 31C, 31R STANDARD.

TAKEOFF OBSTACLES NOTES:

CHICAGO MIDWAY INTL (KMDW):

NOTE: RWY 4L, FENCE 18 FT FROM DER, 257 FT LEFT OF CENTERLINE, 12 FT AGL/616 FT MSL. VEHICLE ON ROAD 143 FT FROM DER, 163 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/620 FT MSL. BUILDING 251 FT FROM DER, 217 FT LEFT OF CENTERLINE, 26 FT AGL/630 FT MSL. SIGN 1912 FT FROM DER, 330 FT LEFT OF CENTERLINE, 88 FT AGL/692 FT MSL. MULTIPLE LIGHT POLES AND TREES BEGINNING 375 FT FROM DER, 98 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/679 FT MSL.



U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

NOTE: RWY 4R, LOC 300 FT FROM DER, ON CENTERLINE, 10 FT AGL/614 FT MSL. LIGHT POLE AND MULTIPLE TREES BEGINNING 40 FT FROM DER, 369 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/679 FT MSL. BLAST FENCE 277 FT FROM DER, 45 FT LEFT OF CENTERLINE, 9 FT AGL/613 FT MSL. TOWER 3983 FT FROM DER, 1142 FT LEFT OF CENTERLINE, 109 FT AGL/708 FT MSL. MULTIPLE LIGHT POLES AND TREES BEGINNING 96 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/657 FT MSL. TRAIN BEGINNING 1483 FT FROM DER, 570 FT RIGHT OF CENTERLINE, UP TO 48 FT AGL/654 FT MSL.

NOTE: RWY 13C, LOC 248 FT FROM DER, ON CENTERLINE, 8 FT AGL/619 FT MSL. BUILDING 101 FT FROM DER, 254 FT LEFT OF CENTERLINE, 14 FT AGL/625 FT MSL. TREES BEGINNING 288 FT FROM DER, 459 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/680 FT MSL. TREES BEGINNING 109 FT FROM DER, 402 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/700 FT MSL.

NOTE: RWY 13L, MULTIPLE POLES AND TREES BEGINNING 362 FT FROM DER, 215 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/675 FT MSL. TREES BEGINNING 1136 FT FROM DER, 54 FT RIGHT OF CENTERLINE, UP TO 76 FT AGL/680 FT MSL.

NOTE: RWY 13R, WIND SOCK 263 FT FROM DER, 256 FT LEFT OF CENTERLINE, 9 FT AGL/621 FT MSL. TREE 1852 FT FROM DER, 960 FT LEFT OF CENTERLINE, 75 FT AGL/661 FT MSL. BUILDING 459 FT FROM DER, 594 FT RIGHT OF CENTERLINE, 50 FT AGL/660 FT MSL. HANGAR 661 FT FROM DER, 291 FT RIGHT OF CENTERLINE, 52 FT AGL/661 FT MSL.

NOTE: RWY 22L, MULTIPLE POLES AND TREES BEGINNING 74 FT FROM DER, 375 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/689 FT MSL. MULTIPLE POLES AND TREES BEGINNING 465 FT FROM DER, 49 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/679 FT MSL. TANK 4100 FT FROM DER, 161 FT RIGHT OF CENTERLINE, 109 FT AGL/728 FT MSL.

NOTE: RWY 22R, MULTIPLE POLES AND TREES BEGINNING 575 FT FROM DER, 168 FT LEFT OF CENTERLINE, UP TO 58 FT AGL/677 FT MSL. TANK 4100 FT FROM DER, 161 FT LEFT OF CENTERLINE, 109 FT AGL/728 FT MSL. FENCE 198 FT FROM DER, 3 FT RIGHT OF CENTERLINE, 12 FT AGL/630 FT MSL. TREES BEGINNING 183 FT FROM DER, 65 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/686 FT MSL.

NOTE: RWY 31C, LOC 239 FT FROM DER, ON CENTERLINE, 10 FT AGL/617 FT MSL. TREES BEGINNING 452 FT FROM DER, 454 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/667 FT MSL. SPIRE 2207 FT FROM DER, 699 FT LEFT OF CENTERLINE, 78 FT AGL/684 FT MSL. MULTIPLE POLES AND TREES BEGINNING 142 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 73 FT AGL/672 FT MSL. DME 183 FT FROM DER, 309 FT RIGHT OF CENTERLINE, 17 FT AGL/624 FT MSL. SIGN 1528 FT FROM DER, 270 FT RIGHT OF CENTERLINE, 52 FT AGL/652 FT MSL. TANK 5576 FT FROM DER, 1430 FT RIGHT OF CENTERLINE, 162 FT AGL/756 FT MSL.

NOTE: RWY 31L, TREES BEGINNING 1299 FT FROM DER, 85 FT LEFT OF CENTERLINE, UP TO 53 FT AGL/662 FT MSL. TREES BEGINNING 1779 FT FROM DER, 26 FT RIGHT OF CENTERLINE, UP TO 68 FT AGL/667 FT MSL.

NOTE: RWY 31R, MULTIPLE POLES AND TREES BEGINNING 379 FT FROM DER, 49 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/664 FT MSL. POLE AND TREES BEGINNING 70 FT FROM DER, 50 FT RIGHT OF CENTERLINE, UP TO 68 FT AGL/667 FT MSL.

CHICAGO/AURORA MUNI (KARR):

NOTE: RWY 9, VEHICLE ON ROAD 794 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 15 FT AGL/734 FT MSL. MULTIPLE TREES BEGINNING 4126 FT FROM DER, ON CENTERLINE, UP TO 100 FT AGL/819 FT MSL.

NOTE: RWY 15, MULTIPLE TREES, POWER POLES, AND ROAD BEGINNING 900 FT FROM DER, 47 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/809 FT MSL. POWER POLE 1313 FT FROM DER, 47 FT LEFT OF CENTERLINE, 34 FT AGL/733 FT MSL.

NOTE: RWY 18, MULTIPLE POWER POLES BEGINNING 1218 FT FROM DER, 190 FT RIGHT OF CENTERLINE, UP TO 35 FT AGL/734 FT MSL. MULTIPLE TREES BEGINNING 3646 FT FROM DER, ON CENTERLINE, UP TO 100 FT AGL/809 FT MSL.

NOTE: RWY 27, VEHICLE ON ROAD 1020 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 15 FT AGL/734 FT MSL.

NOTE: RWY 33, MULTIPLE TREES AND ROAD BEGINNING 788 FT FROM DER, 238 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/788 FT MSL. ROAD AND POWER POLE BEGINNING 577 FT FROM DER, 137 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/747 FT MSL.

NOTE: RWY 36, TREE, POLE, AND FENCE BEGINNING 31 FT FROM DER, 169 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/734 FT MSL. VEHICLE ON ROAD BEGINNING 1099 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 15 FT AGL/734 FT MSL.

CHICAGO/WEST CHICAGO/DUPAGE (KDPA):

NOTE: RWY 2L, AIRFIELD LIGHT 9 FT FROM DER, 61 FT LEFT OF CENTERLINE, 1 FT AGL/756 FT MSL. POLES BEGINNING 1075 FT FROM DER, 622 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/799 FT MSL. TREES BEGINNING 1252 FT FROM DER, 368 FT LEFT OF CENTERLINE, UP TO 104 FT AGL/856 FT MSL. FENCE 1672 FT FROM DER, 807 FT LEFT OF CENTERLINE, 42 FT AGL/800 FT MSL.

NOTE: RWY 10, REIL LIGHTS BEGINNING 39 FT FROM DER, 77 FT LEFT AND RIGHT OF CENTERLINE, UP TO 3 FT AGL/757 FT MSL. BUILDINGS BEGINNING 630 FT FROM DER, 134 FT LEFT AND RIGHT OF CENTERLINE, UP TO 45 FT AGL/801 FT MSL. ANTENNAE BEGINNING 699 FT FROM DER, 632 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/792 FT MSL.

MULTIPLE TREES BEGINNING 845 FT FROM DER, 1 FT LEFT AND RIGHT OF CENTERLINE, UP TO 93 FT AGL/849 FT MSL. STACK 1638 FT FROM DER, 185 FT LEFT OF CENTERLINE, 54 FT AGL/810 FT MSL.

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

NOTE: RWY 15, FENCE 62 FT FROM DER, 385 FT LEFT OF CENTERLINE, 5 FT AGL/763 FT MSL. MULTIPLE TREES BEGINNING 3 FT FROM DER, 29 FT LEFT AND RIGHT OF CENTERLINE, UP TO 92 FT AGL/849 FT MSL. VEHICLE ON ROAD BEGINNING 89 FT FROM DER, 9 FT LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/773 FT MSL. MULTIPLE TREES BEGINNING 890 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/850 FT MSL. BUILDINGS BEGINNING 417 FT FROM DER, 481 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/795 FT MSL. POLES BEGINNING 804 FT FROM DER, 235 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/794 FT MSL. ANTENNA 1.09 NM FROM DER, 1676 FT LEFT OF CENTERLINE, 169 FT AGL/927 FT MSL.

NOTE: RWY 20L, FENCE 209 FT FROM DER, 547 FT LEFT OF CENTERLINE, 7 FT AGL/757 FT MSL. MULTIPLE TREES BEGINNING 407 FT FROM DER, 392 FT LEFT OF CENTERLINE, UP TO 111 FT AGL/847 FT MSL. SIGN 22 FT FROM DER, 351 FT RIGHT OF CENTERLINE, 2 FT AGL/752 FT MSL.

NOTE: RWY 20R, TREE 645 FT FROM DER, 619 FT RIGHT OF CENTERLINE, 17 FT AGL/768 FT MSL.

NOTE: RWY 28, MULTIPLE TREES BEGINNING 1228 FROM DER, 683 FT LEFT AND RIGHT OF CENTERLINE, UP TO 84 FT AGL/837 FT MSL. SIGN 39 FT FROM DER, 455 FT RIGHT OF CENTERLINE, 3 FT AGL/756 FT MSL. BUILDING 974 FT FROM DER, 681 FT RIGHT OF CENTERLINE, 28 FT AGL/781 FT MSL.

NOTE: RWY 33, REIL LIGHTS BEGINNING 51 FT FROM DER, 95 FT LEFT AND RIGHT OF CENTERLINE, UP TO 2 FT AGL/760 FT MSL. MULTIPLE POLES BEGINNING 407 FT FROM DER, 154 FT LEFT AND RIGHT OF CENTERLINE, UP TO 61 FT AGL/817 FT MSL. OL ON POLES BEGINNING 532 FT FROM DER, 120 FT LEFT AND RIGHT OF CENTERLINE, UP TO 39 FT AGL/796 FT MSL. VEHICLE ON ROAD BEGINNING 460 FT FROM DER, 439 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/772 FT MSL. MULTIPLE TREES BEGINNING 335 FT FROM DER, 11 FT LEFT AND RIGHT OF CENTERLINE, UP TO 110 FT AGL/859 FT MSL. FENCE 346 FT FROM DER, 575 FT LEFT OF CENTERLINE, 48 FT AGL/800 FT MSL. BUILDINGS BEGINNING 195 FT FROM DER, 425 FT RIGHT OF CENTERLINE, UP TO 21 FT AGL/778 FT MSL.

GARY/CHICAGO INTL (KGYG):

NOTE: RWY 2, STACKS, TOWERS, BUILDINGS, TREES, POLE, AND VEHICLE ON ROAD BEGINNING 554 FT FROM DER, 82 FT RIGHT OF CENTERLINE, UP TO 201 FT AGL/791 FT MSL. STACKS, TOWERS, AND TREE BEGINNING 1489 FT FROM DER, 236 FT LEFT OF CENTERLINE, UP TO 231 FT AGL/823 FT MSL. VEHICLE ON ROAD 571 FT FROM DER, ON CENTERLINE, UP TO 15 FT AGL/605 FT MSL.

NOTE: RWY 12, TREES AND TOWER BEGINNING 1617 FT FROM DER, 451 FT LEFT OF CENTERLINE, UP TO 105 FT AGL/699 FT MSL. TREES AND POLES BEGINNING 1681 FT FROM DER, 238 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/674 FT MSL.

NOTE: RWY 20, TREES, STACKS, LIGHTS, AND POLE BEGINNING 203 FT FROM DER, 108 FT RIGHT OF CENTERLINE, UP TO 152 FT AGL/747 FT MSL. TREES AND LIGHTS BEGINNING 883 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 69 FT AGL/658 FT MSL. VEHICLE ON ROAD, 1048 FT FROM DER, ON CENTERLINE, UP TO 17 FT AGL/631 FT MSL.

NOTE: RWY 30, LIGHT ON LOCALIZER ANTENNA 130 FT FROM DER, ON CENTERLINE, 10 FT AGL/596 FT MSL. TREES, TOWERS, ANTENNAS, AND RAILROAD BEGINNING 139 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 106 FT AGL/695 FT MSL. RAILROAD, TOWER, AND VEHICLE ON ROAD BEGINNING 194 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 81 FT AGL/670 FT MSL.

CHICAGO/LEWIS UNIVERSITY (KLOT):

NOTE: RWY 2, MULTIPLE TOWERS, TREE, AND STACK BEGINNING 1196 FT FROM DER, 49 FT LEFT OF CENTERLINE, UP TO 213 FT AGL/876 FT MSL.

NOTE: RWY 9, MULTIPLE TREES AND BUILDING BEGINNING 243 FT FROM DER, 358 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/735 FT MSL. MULTIPLE LIGHT POLES, TREES, AND SIGN BEGINNING 112 FT FROM DER, 174 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/721 FT MSL.

NOTE: RWY 27, MULTIPLE TREES BEGINNING 1143 FT FROM DER, 634 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/723 FT MSL.

CONTROLLING OBSTACLES:

CHICAGO/MIDWAY INTL (KMDW)

RWY 4L, 4R, 13C, 13L, 13R, 22L, 22R, 31C, 31L, 31R: 2325 FT MSL BLDG 415244.00N/0873809.00W.

CHICAGO/LEWIS UNIVERSITY (KLOT)

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.

GARY/CHICAGO INTL (KGYG)

RWY 2: 790 FT MSL SMOKE STACK 413757.65N/0872408.23W, 823 FT MSL STACK 413821.50N/0872425.23W.

RWY 20: 747 FT MSL STACK 413605.00N/0872548.00W, 1096 FT MSL TOWER 413357.00N/0872505.00W.



U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

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

REFERENCE MAG VAR: KMDW 1W EPOCH YR: 1985.
DME/DME ASSESSMENT: SAT (RNP 2.0)
CHART: MEA/MOCA FROM CMSKY TO CARYN, 5000/2300.

PILOT NAVIGATION AREA:

7NM ARC CENTERED ON CMSKY (IF), CW
FROM: POINT A (BEARING 140 DEGREES TO CMSKY)
TO: POINT B (BEARING 230 DEGREES TO CMSKY)
MINIMUM ALTITUDE – 5000.

AIRPORTS SERVED:

AURORA MUNI
DUPAGE
GARY/CHICAGO INTL
LEWIS UNIVERSITY
CHICAGO MIDWAY INTL

CHICAGO/AURORA, IL
CHICAGO/WEST CHICAGO, IL
GARY, IN
CHICAGO/ROMEOVILLE, IL
CHICAGO, IL

COMMUNICATIONS:

ATIS, GND CON, TWR, DEP CON

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

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



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
<u>CHICAGO/AURORA MUNI (KARR)</u>									
RW09 (AER)	414612.55N/0882907.31W	N	-	-	-	-	-	-	-
1220 MSL		-	-	VA	089.14	-	-	-	-
		-	-	VM	089.14	-	-	-	-
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-	-	-	-
RW15 (AER)	414648.10N/0882910.16W	N	-	-	-	-	-	-	-
1220 MSL		-	-	VA	146.71	-	-	-	-
		-	-	VM	146.71	-	-	-	-
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-	-	-	-
RW18 (AER)	414635.69N/0882817.82W	N	-	-	-	-	-	-	-
1220 MSL		-	-	VA	179.95	-	-	-	-
		-	-	VM	179.95	-	-	-	-
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-	-	-	-
RW27 (AER)	414613.51N/0882741.52W	N	-	-	-	-	-	-	-
1220 MSL		-	-	VA	269.15	-	-	-	-
		-	-	VM	269.15	-	-	-	-
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-	-	-	-
RW33 (AER)	414602.66N/0882830.30W	N	-	-	-	-	-	-	-
1220 MSL		-	-	VA	326.71	-	-	-	-
		-	-	VM	326.71	-	-	-	-
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-	-	-	-
RW36 (AER)	414604.10N/0882817.78W	N	-	-	-	-	-	-	-
1220 MSL		-	-	VA	359.95	-	-	-	-
		-	-	VM	359.95	-	-	-	-
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-	-	-	-

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
<u>CHICAGO/WEST CHICAGO/DUPAGE (KDPA)</u>									
RW02L (AER)	415338.51N/0881512.77W	N	-	-	-	-			
1260 MSL		-	-	VA	014.01	-			
		-	-	VM	014.01	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW02R (AER)	415336.07N/0881459.71W	N	-	-	-	-			
1260 MSL		-	-	VA	014.01	-			
		-	-	VM	014.01	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW10 (AER)	415448.52N/0881530.55W	N	-	-	-	-			
1260 MSL		-	-	VA	096.01	-			
		-	-	VM	096.01	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW15 (AER)	415509.20N/0881444.64W	N	-	-	-	-			
1260 MSL		-	-	VA	147.56	-			
		-	-	VM	147.56	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW20L (AER)	415437.83N/0881439.08W	N	-	-	-	-			
1260 MSL		-	-	VA	194.01	-			
		-	-	VM	194.01	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW20R (AER)	415451.08N/0881448.52W	N	-	-	-	-			
1260 MSL		-	-	VA	194.02	-			
		-	-	VM	194.02	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			

DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code				Superseded Number	Dated	Effective Date
CARYN		TWO	CARYN2.CARYN				ONE	01/10/2013	07 MAR 2013
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW28 (AER)	415443.60N/0881428.07W	N	-	-	-	-			
1260 MSL		-	-	VA	276.02	-			
		-	-	VM	276.02	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW33 (AER)*	415442.45N/0881421.88W*	N	-	-	-	-			*DISPL THLD (190 FT)
1260 MSL		-	-	VA	327.57	-			
		-	-	VM	327.57	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
<u>GARY/CHICAGO INTL (KGY)</u>									
RW02 (AER)	413644.22N/0872506.30W	N	-	-	-	-			
1100 MSL		-	-	VA	021.19	-			
		-	-	VM	021.19	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW12 (AER)*	413712.88N/0872510.36W*	N	-	-	-	-			*DISPL THLD (713 FT)
1100 MSL		-	-	VA	124.15	-			
		-	-	VM	124.15	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW20 (AER)	413717.41N/0872449.15W	N	-	-	-	-			
1100 MSL		-	-	VA	201.20	-			
		-	-	VM	201.20	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW30 (AER)	413638.00N/0872401.85W	N	-	-	-	-			
1100 MSL		-	-	VA	304.16	-			
		-	-	VM	304.16	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code		Superseded Number		Dated	Effective Date		
CARYN	TWO	CARYN2.CARYN		ONE		01/10/2013	07 MAR 2013		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
CHICAGO/LEWIS UNIVERSITY (KLOT)									
RW02 (AER)	413557.23N/0880603.23W	N	-	-	-	-			
1180 MSL		-	-	VA	013.73	-			
		-	-	VM	013.73	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW09 (AER)	413628.93N/0880616.00W	N	-	-	-	-			
1180 MSL		-	-	VA	087.73	-			
		-	-	VM	087.73	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW20 (AER)	413659.61N/0880542.92W	N	-	-	-	-			
1180 MSL		-	-	VA	193.73	-			
		-	-	VM	193.73	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW27 (AER)*	413631.08N/0880503.66W*	N	-	-	-	-			*DISPL THLD (196 FT)
1180 MSL		-	-	VA	267.74	-			
		-	-	VM	267.74	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
CHICAGO MIDWAY INTL (KMDW)									
RW04L (AER)*	414658.36N/0874533.42W*	N	-	-	-	-			*DISPL THLD (758 FT)
1120 MSL		-	-	VA	099.00	-			
		-	-	VM	099.00	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW04R (AER)*	414648.70N/0874528.85W*	N	-	-	-	-			*DISPL THLD (518 FT)
1120 MSL		-	-	VA	099.00	-			
		-	-	VM	099.00	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code		Superseded Number		Dated	Effective Date		
CARYN	TWO	CARYN2.CARYN		ONE		01/10/2013	07 MAR 2013		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW13L (AER)* 1120 MSL	414727.22N/0874521.39W*	N	-	-	-	-			*DISPL THLD (752 FT)
		-	-	VA	133.53	-			
		-	-	VM	133.53	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW13C (AER)* 1120 MSL	414726.51N/0874535.42W*	N	-	-	-	-			*DISPL THLD (463 FT)
		-	-	VA	133.55	-			
		-	-	VM	133.55	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW13R (AER) 1120 MSL	414717.05N/0874531.70W	N	-	-	-	-			
		-	-	VA	133.56	-			
		-	-	VM	133.56	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW22L (AER)* 1120 MSL	414726.64N/0874440.78W*	N	-	-	-	-			*DISPL THLD (634 FT)
		-	-	VA	223.48	-			
		-	-	VM	223.48	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW22R (AER)* 1120 MSL	414726.12N/0874458.27W*	N	-	-	-	-			*DISPL THLD (878 FT)
		-	-	VA	223.47	-			
		-	-	VM	223.47	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			
RW31L (AER) 1120 MSL	414650.78N/0874454.79W	N	-	-	-	-			
		-	-	VA	313.57	-			
		-	-	VM	313.57	-			
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-			

DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code			Superseded Number		Dated	Effective Date
CARYN		TWO		CARYN2.CARYN			ONE		01/10/2013	07 MAR 2013
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW31C (AER)*	414650.00N/0874444.12W*	N	-	-	-	-			*DISPL THLD (696 FT)	
1120 MSL		-	-	VA	313.57	-				
		-	-	VM	313.57	-				
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-				
RW31R (AER)	414657.36N/0874439.39W	N	-	-	-	-				
1120 MSL		-	-	VA	313.53	-				
		-	-	VM	313.53	-				
CMSKY	412447.00N/0875238.00W	Y	FB	DF	-	-				
CMSKY	412447.00N/0875238.00W	Y	-	IF	-	-				
CARYN	411459.00N/0875333.00W	Y	FB	TF	184.04	9.82				
CARYN	411459.00N/0875333.00W	Y	-	IF	-	-			CARYN2.CYBIL	
CYBIL	401900.00N/0875152.00W	Y	FB	TF	178.68	55.96				

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

ARINC PACKET - 424-18 - SID

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KLOTK5DCARYN24RW02	010	0	VA		0147		+	01180	18000			
SUSAP	KLOTK5DCARYN24RW02	020	0	VM		0147							
SUSAP	KLOTK5DCARYN24RW02	030	CMSKYK5EA0EE	010DF									
SUSAP	KLOTK5DCARYN24RW09	010	0	VA		0887		+	01180	18000			
SUSAP	KLOTK5DCARYN24RW09	020	0	VM		0887							
SUSAP	KLOTK5DCARYN24RW09	030	CMSKYK5EA0EE	010DF									
SUSAP	KLOTK5DCARYN24RW20	010	0	VA		1947		+	01180	18000			
SUSAP	KLOTK5DCARYN24RW20	020	0	VM		1947							
SUSAP	KLOTK5DCARYN24RW20	030	CMSKYK5EA0EE	010DF									
SUSAP	KLOTK5DCARYN24RW27	010	0	VA		2687		+	01180	18000			
SUSAP	KLOTK5DCARYN24RW27	020	0	VM		2687							
SUSAP	KLOTK5DCARYN24RW27	030	CMSKYK5EA0EE	010DF									
SUSAP	KLOTK5DCARYN25	010	CMSKYK5EA0E	IF						18000			
SUSAP	KLOTK5DCARYN25	020	CARYNK5EA0EE	010TF		18500098							
SUSAP	KLOTK5DCARYN26CYBIL	010	CARYNK5EA0E	IF						18000			
SUSAP	KLOTK5DCARYN26CYBIL	020	CYBILK5EA0EE	010TF		17970560							

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW02		010		VA		FB		014.7()		AA 01180	
	RW02		020		VM		FB		014.7()			
	RW02	CMSKY	030		DF		FB	1.0				
	RW09		010		VA		FB		088.7()		AA 01180	
	RW09		020		VM		FB		088.7()			
	RW09	CMSKY	030		DF		FB	1.0				
	RW20		010		VA		FB		194.7()		AA 01180	
	RW20		020		VM		FB		194.7()			
	RW20	CMSKY	030		DF		FB	1.0				
	RW27		010		VA		FB		268.7()		AA 01180	
	RW27		020		VM		FB		268.7()			
	RW27	CMSKY	030		DF		FB	1.0				
		CMSKY	010		IF		FB					
		CARYN	020		TF		FB	1.0	185.0()	009.8		
	CYBIL	CARYN	010		IF		FB					
	CYBIL	CYBIL	020		TF		FB	1.0	179.7()	056.0		

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
CARYN	N411459.00	W0875333.00	N4114.983	W08753.550
CMSKY	N412447.00	W0875238.00	N4124.783	W08752.633
CYBIL	N401900.00	W0875152.00	N4019.000	W08751.867
RW02	N413557.23	W0880603.23	N4135.954	W08806.054
RW09	N413528.93	W0880616.00	N4136.482	W08806.267
RW20	N413559.61	W0880542.92	N4136.994	W08805.715
RW27	N413631.08	W0880503.66	N4136.518	W08805.061

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW02	00679	37
RW09	00673	41
RW20	00666	40
RW27	00666	35

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

ARINC PACKET - 424-18 - SID

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KGYYK5DCARYN24RW02	010	0	VA		0222		+ 01100	18000				
SUSAP	KGYYK5DCARYN24RW02	020	0	VM		0222							
SUSAP	KGYYK5DCARYN24RW02	030CMSKYK5EA0EE	010DF										
SUSAP	KGYYK5DCARYN24RW12	010	0	VA		1252		+ 01100	18000				
SUSAP	KGYYK5DCARYN24RW12	020	0	VM		1252							
SUSAP	KGYYK5DCARYN24RW12	030CMSKYK5EA0EE	010DF										
SUSAP	KGYYK5DCARYN24RW20	010	0	VA		2022		+ 01100	18000				
SUSAP	KGYYK5DCARYN24RW20	020	0	VM		2022							
SUSAP	KGYYK5DCARYN24RW20	030CMSKYK5EA0EE	010DF										
SUSAP	KGYYK5DCARYN24RW30	010	0	VA		3052		+ 01100	18000				
SUSAP	KGYYK5DCARYN24RW30	020	0	VM		3052							
SUSAP	KGYYK5DCARYN24RW30	030CMSKYK5EA0EE	010DF										
SUSAP	KGYYK5DCARYN25	010CMSKYK5EA0E	IF						18000				
SUSAP	KGYYK5DCARYN25	020CARYNK5EA0EE	010TF			18500098							
SUSAP	KGYYK5DCARYN26CYBIL	010CARYNK5EA0E	IF						18000				
SUSAP	KGYYK5DCARYN26CYBIL	020CYBILK5EA0EE	010TF			17970560							

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW02		010		VA		FB		022.2()		AA 01100	
	RW02		020		VM		FB		022.2()			
	RW02	CMSKY	030		DF		FB	1.0				
	RW12		010		VA		FB		125.2()		AA 01100	
	RW12		020		VM		FB		125.2()			
	RW12	CMSKY	030		DF		FB	1.0				
	RW20		010		VA		FB		202.2()		AA 01100	
	RW20		020		VM		FB		202.2()			
	RW20	CMSKY	030		DF		FB	1.0				
	RW30		010		VA		FB		305.2()		AA 01100	
	RW30		020		VM		FB		305.2()			
	RW30	CMSKY	030		DF		FB	1.0				
		CMSKY	010		IF		FB					
		CARYN	020		TF		FB	1.0	185.0()	009.8		
	CYBIL	CARYN	010		IF		FB					
	CYBIL	CYBIL	020		TF		FB	1.0	179.7()	056.0		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CARYN	N411459.00	W0875333.00	N4114.983	W08753.550
	CMSKY	N412447.00	W0875238.00	N4124.783	W08752.633
	CYBIL	N401900.00	W0875152.00	N4019.000	W08751.867
	RW02	N413644.22	W0872506.30	N4136.737	W08725.105
	RW12	N413712.88	W0872510.36	N4137.215	W08725.173
	RW20	N413717.41	W0872449.15	N4137.290	W08724.819
	RW30	N413638.00	W0872401.85	N4136.633	W08724.031

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00589	35
	RW12	00591	50
	RW20	00589	50
	RW30	00591	53

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

ARINC PACKET - 424-18 - SID

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KDPAK5DCARYN24RW02B	010	0	VA		0150	+	01260	18000				
SUSAP	KDPAK5DCARYN24RW02B	020	0	VM		0150							
SUSAP	KDPAK5DCARYN24RW02B	030CMSKYK5EA0EE	010DF										
SUSAP	KDPAK5DCARYN24RW10	010	0	VA		0970	+	01260	18000				
SUSAP	KDPAK5DCARYN24RW10	020	0	VM		0970							
SUSAP	KDPAK5DCARYN24RW10	030CMSKYK5EA0EE	010DF										
SUSAP	KDPAK5DCARYN24RW15	010	0	VA		1486	+	01260	18000				
SUSAP	KDPAK5DCARYN24RW15	020	0	VM		1486							
SUSAP	KDPAK5DCARYN24RW15	030CMSKYK5EA0EE	010DF										
SUSAP	KDPAK5DCARYN24RW20B	010	0	VA		1950	+	01260	18000				
SUSAP	KDPAK5DCARYN24RW20B	020	0	VM		1950							
SUSAP	KDPAK5DCARYN24RW20B	030CMSKYK5EA0EE	010DF										
SUSAP	KDPAK5DCARYN24RW28	010	0	VA		2770	+	01260	18000				
SUSAP	KDPAK5DCARYN24RW28	020	0	VM		2770							
SUSAP	KDPAK5DCARYN24RW28	030CMSKYK5EA0EE	010DF										
SUSAP	KDPAK5DCARYN24RW33	010	0	VA		3286	+	01260	18000				
SUSAP	KDPAK5DCARYN24RW33	020	0	VM		3286							
SUSAP	KDPAK5DCARYN24RW33	030CMSKYK5EA0EE	010DF										
SUSAP	KDPAK5DCARYN25	010CMSKYK5EA0E	IF						18000				
SUSAP	KDPAK5DCARYN25	020CARYNK5EA0EE	010TF			18500098							
SUSAP	KDPAK5DCARYN26CYBIL	010CARYNK5EA0E	IF						18000				
SUSAP	KDPAK5DCARYN26CYBIL	020CYBILK5EA0EE	010TF			17970560							

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

SUSAP KDKAK5GRW15	0033991486	N41550920W088144464+0000	+01975007570000042100V
SUSAP KDKAK5GRW20L	0064431950	N41543783W088143908-0100	+01965007590000040100R
SUSAP KDKAK5GRW20R	0075711950	N41545108W088144852-0100	+01971007560000040100R
SUSAP KDKAK5GRW28	0047502770	N41544360W088142807-0100	+01972007560000040075V
SUSAP KDKAK5GRW33	0033993286	N41544245W088142188+0000	+0197800758019050100D

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW02B		010		VA		FB		015.0()		AA 01260	
	RW02B		020		VM		FB		015.0()			
	RW02B	CMSKY	030		DF		FB	1.0				
	RW10		010		VA		FB		097.0()		AA 01260	
	RW10		020		VM		FB		097.0()			
	RW10	CMSKY	030		DF		FB	1.0				
	RW15		010		VA		FB		148.6()		AA 01260	
	RW15		020		VM		FB		148.6()			
	RW15	CMSKY	030		DF		FB	1.0				
	RW20B		010		VA		FB		195.0()		AA 01260	
	RW20B		020		VM		FB		195.0()			
	RW20B	CMSKY	030		DF		FB	1.0				
	RW28		010		VA		FB		277.0()		AA 01260	
	RW28		020		VM		FB		277.0()			
	RW28	CMSKY	030		DF		FB	1.0				
	RW33		010		VA		FB		328.6()		AA 01260	
	RW33		020		VM		FB		328.6()			
	RW33	CMSKY	030		DF		FB	1.0				
		CMSKY	010		IF		FB					
		CARYN	020		TF		FB	1.0	185.0()	009.8		
	CYBIL	CARYN	010		IF		FB					
	CYBIL	CYBIL	020		TF		FB	1.0	179.7()	056.0		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CARYN	N411459.00	W0875333.00	N4114.983	W08753.550
	CMSKY	N412447.00	W0875238.00	N4124.783	W08752.633
	CYBIL	N401900.00	W0875152.00	N4019.000	W08751.867
	RW02L	N415338.51	W0881512.77	N4153.642	W08815.213
	RW02R	N415336.07	W0881459.71	N4153.601	W08814.995
	RW10	N415448.52	W0881530.55	N4154.809	W08815.509
	RW15	N415509.20	W0881444.64	N4155.153	W08814.744
	RW20L	N415437.83	W0881439.08	N4154.631	W08814.651
	RW20R	N415451.08	W0881448.52	N4154.851	W08814.809
	RW28	N415443.60	W0881428.07	N4154.727	W08814.468
	RW33	N415442.45	W0881421.88	N4154.708	W08814.365

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW02L	00751	50
RW02R	00751	50

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

RW10	00753	50
RW15	00757	42
RW20L	00759	40
RW20R	00756	40
RW28	00756	40
RW33	00758	50

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

ARINC PACKET - 424-18 - SID

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KARRK5DCARYN24RW09	010	0	VA			0901	+	01220	18000			
SUSAP	KARRK5DCARYN24RW09	020	0	VM			0901						
SUSAP	KARRK5DCARYN24RW09	030CMSKYK5EA0EE	010DF										
SUSAP	KARRK5DCARYN24RW15	010	0	VA			1477	+	01220	18000			
SUSAP	KARRK5DCARYN24RW15	020	0	VM			1477						
SUSAP	KARRK5DCARYN24RW15	030CMSKYK5EA0EE	010DF										
SUSAP	KARRK5DCARYN24RW18	010	0	VA			1810	+	01220	18000			
SUSAP	KARRK5DCARYN24RW18	020	0	VM			1810						
SUSAP	KARRK5DCARYN24RW18	030CMSKYK5EA0EE	010DF										
SUSAP	KARRK5DCARYN24RW27	010	0	VA			2702	+	01220	18000			
SUSAP	KARRK5DCARYN24RW27	020	0	VM			2702						
SUSAP	KARRK5DCARYN24RW27	030CMSKYK5EA0EE	010DF										
SUSAP	KARRK5DCARYN24RW33	010	0	VA			3277	+	01220	18000			
SUSAP	KARRK5DCARYN24RW33	020	0	VM			3277						
SUSAP	KARRK5DCARYN24RW33	030CMSKYK5EA0EE	010DF										
SUSAP	KARRK5DCARYN24RW36	010	0	VA			0010	+	01220	18000			
SUSAP	KARRK5DCARYN24RW36	020	0	VM			0010						
SUSAP	KARRK5DCARYN24RW36	030CMSKYK5EA0EE	010DF										
SUSAP	KARRK5DCARYN25	010CMSKYK5EA0E	IF							18000			
SUSAP	KARRK5DCARYN25	020CARYNK5EA0EE	010TF				18500098						
SUSAP	KARRK5DCARYN26CYBIL	010CARYNK5EA0E	IF							18000			
SUSAP	KARRK5DCARYN26CYBIL	020CYBILK5EA0EE	010TF				17970560						

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

SUSAP KARRK5GRW27	0065012702	N41461351W088274152+0000	+0182600707000045100R
SUSAP KARRK5GRW33	0055033277	N41460266W088283030+0200	+0179900699000048100IIROF1
SUSAP KARRK5GRW36	0031980010	N41460410W088281778+0000	+0180500700000034075V

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW09		010		VA		FB		090.1()		AA 01220	
	RW09		020		VM		FB		090.1()			
	RW09	CMSKY	030		DF		FB	1.0				
	RW15		010		VA		FB		147.7()		AA 01220	
	RW15		020		VM		FB		147.7()			
	RW15	CMSKY	030		DF		FB	1.0				
	RW18		010		VA		FB		181.0()		AA 01220	
	RW18		020		VM		FB		181.0()			
	RW18	CMSKY	030		DF		FB	1.0				
	RW27		010		VA		FB		270.2()		AA 01220	
	RW27		020		VM		FB		270.2()			
	RW27	CMSKY	030		DF		FB	1.0				
	RW33		010		VA		FB		327.7()		AA 01220	
	RW33		020		VM		FB		327.7()			
	RW33	CMSKY	030		DF		FB	1.0				
	RW36		010		VA		FB		001.0()		AA 01220	
	RW36		020		VM		FB		001.0()			
	RW36	CMSKY	030		DF		FB	1.0				
		CMSKY	010		IF		FB					
		CARYN	020		TF		FB	1.0	185.0()	009.8		
	CYBIL	CARYN	010		IF		FB					
	CYBIL	CYBIL	020		TF		FB	1.0	179.7()	056.0		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CARYN	N411459.00	W0875333.00	N4114.983	W08753.550
	CMSKY	N412447.00	W0875238.00	N4124.783	W08752.633
	CYBIL	N401900.00	W0875152.00	N4019.000	W08751.867
	RW09	N414612.55	W0882907.31	N4146.209	W08829.122
	RW15	N414648.10	W0882910.16	N4146.802	W08829.169
	RW18	N414635.69	W0882817.82	N4146.595	W08828.297
	RW27	N414613.51	W0882741.52	N4146.225	W08827.692
	RW33	N414602.66	W0882830.30	N4146.044	W08828.505
	RW36	N414604.10	W0882817.78	N4146.068	W08828.296

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00707	45
	RW15	00712	45
	RW18	00700	30
	RW27	00707	45

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013
	RW33 00699	48			
	RW36 00700	34			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

ARINC PACKET - 424-18 - SID

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMDWK5DCARYN24RW04B	010	0	VA			1000		+	01120	18000			
SUSAP KMDWK5DCARYN24RW04B	020	0	VM			1000							
SUSAP KMDWK5DCARYN24RW04B	030CMSKYK5EA0EE	010DF											
SUSAP KMDWK5DCARYN24RW13C	010	0	VA			1346		+	01120	18000			
SUSAP KMDWK5DCARYN24RW13C	020	0	VM			1346							
SUSAP KMDWK5DCARYN24RW13C	030CMSKYK5EA0EE	010DF											
SUSAP KMDWK5DCARYN24RW13L	010	0	VA			1345		+	01120	18000			
SUSAP KMDWK5DCARYN24RW13L	020	0	VM			1345							
SUSAP KMDWK5DCARYN24RW13L	030CMSKYK5EA0EE	010DF											
SUSAP KMDWK5DCARYN24RW13R	010	0	VA			1346		+	01120	18000			
SUSAP KMDWK5DCARYN24RW13R	020	0	VM			1346							
SUSAP KMDWK5DCARYN24RW13R	030CMSKYK5EA0EE	010DF											
SUSAP KMDWK5DCARYN24RW22B	010	0	VA			2245		+	01120	18000			
SUSAP KMDWK5DCARYN24RW22B	020	0	VM			2245							
SUSAP KMDWK5DCARYN24RW22B	030CMSKYK5EA0EE	010DF											
SUSAP KMDWK5DCARYN24RW31C	010	0	VA			3146		+	01120	18000			
SUSAP KMDWK5DCARYN24RW31C	020	0	VM			3146							
SUSAP KMDWK5DCARYN24RW31C	030CMSKYK5EA0EE	010DF											
SUSAP KMDWK5DCARYN24RW31L	010	0	VA			3146		+	01120	18000			
SUSAP KMDWK5DCARYN24RW31L	020	0	VM			3146							
SUSAP KMDWK5DCARYN24RW31L	030CMSKYK5EA0EE	010DF											
SUSAP KMDWK5DCARYN24RW31R	010	0	VA			3145		+	01120	18000			
SUSAP KMDWK5DCARYN24RW31R	020	0	VM			3145							
SUSAP KMDWK5DCARYN24RW31R	030CMSKYK5EA0EE	010DF											
SUSAP KMDWK5DCARYN25	010CMSKYK5EA0E	IF								18000			
SUSAP KMDWK5DCARYN25	020CARYNK5EA0EE	010TF				18500098							
SUSAP KMDWK5DCARYN26CYBIL	010CARYNK5EA0E	IF								18000			
SUSAP KMDWK5DCARYN26CYBIL	020CYBILK5EA0EE	010TF				17970560							

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW04B		010		VA		FB		100.0()		AA 01120	
	RW04B		020		VM		FB		100.0()			
	RW04B	CMSKY	030		DF		FB	1.0				
	RW13C		010		VA		FB		134.6()		AA 01120	
	RW13C		020		VM		FB		134.6()			
	RW13C	CMSKY	030		DF		FB	1.0				
	RW13L		010		VA		FB		134.5()		AA 01120	
	RW13L		020		VM		FB		134.5()			
	RW13L	CMSKY	030		DF		FB	1.0				
	RW13R		010		VA		FB		134.6()		AA 01120	
	RW13R		020		VM		FB		134.6()			
	RW13R	CMSKY	030		DF		FB	1.0				
	RW22B		010		VA		FB		224.5()		AA 01120	
	RW22B		020		VM		FB		224.5()			
	RW22B	CMSKY	030		DF		FB	1.0				
	RW31C		010		VA		FB		314.6()		AA 01120	
	RW31C		020		VM		FB		314.6()			
	RW31C	CMSKY	030		DF		FB	1.0				
	RW31L		010		VA		FB		314.6()		AA 01120	
	RW31L		020		VM		FB		314.6()			
	RW31L	CMSKY	030		DF		FB	1.0				
	RW31R		010		VA		FB		314.5()		AA 01120	
	RW31R		020		VM		FB		314.5()			
	RW31R	CMSKY	030		DF		FB	1.0				
		CMSKY	010		IF		FB					
		CARYN	020		TF		FB	1.0	185.0()	009.8		
	CYBIL	CARYN	010		IF		FB					
	CYBIL	CYBIL	020		TF		FB	1.0	179.7()	056.0		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CARYN	N411459.00	W0875333.00	N4114.983	W08753.550
	CMSKY	N412447.00	W0875238.00	N4124.783	W08752.633
	CYBIL	N401900.00	W0875152.00	N4019.000	W08751.867
	RW04L	N414658.36	W0874533.42	N4146.973	W08745.557
	RW04R	N414648.70	W0874528.85	N4146.812	W08745.481
	RW13C	N414726.51	W0874535.42	N4147.442	W08745.590
	RW13L	N414727.22	W0874521.39	N4147.454	W08745.357
	RW13R	N414717.05	W0874531.70	N4147.284	W08745.528
	RW22L	N414726.64	W0874440.78	N4147.444	W08744.680
	RW22R	N414726.12	W0874458.27	N4147.435	W08744.971
	RW31C	N414650.00	W0874444.12	N4146.833	W08744.735

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARYN RNAV	TWO	CARYN2.CARYN	ONE	01/10/2013	07 MAR 2013

RW31L	N414650.78	W0874454.79	N4146.846	W08744.913
RW31R	N414657.36	W0874439.39	N4146.956	W08744.657

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW04L	00617	55
RW04R	00619	50
RW13C	00608	46
RW13L	00606	55
RW13R	00607	50
RW22L	00606	43
RW22R	00606	55
RW31C	00612	48
RW31L	00613	50
RW31R	00608	55