

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.
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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DARWIN	SIX	DWN6.DWN	FIVE	05/02/2013	6 FEB 2014

TYPE: SID

DP ROUTE DESCRIPTION:

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN:

TAKEOFF ALL RWYS: FLY ASSIGNED HEADING FOR RADAR VECTORS TO INTERCEPT MSP R-281 AND DWN R-095 TO DWN VORTAC. TURBOJET AIRCRAFT MAINTAIN 7000 OR LOWER ASSIGNED ALTITUDE, ALL OTHER AIRCRAFT MAINTAIN 5000 OR LOWER ASSIGNED ALTITUDE.

DME EQUIPPED AIRCRAFT RWY 12L/R DEPARTURES: FOR ASSIGNED HEADINGS FROM 060 CLOCKWISE TO 100, CROSS MSP 7 DME AT OR ABOVE 3500, MAINTAIN ASSIGNED ALTITUDE. IF UNABLE TO COMPLY, ADVISE ATC AS SOON AS POSSIBLE PRIOR TO DEPARTURE. THENCE...

NON DME EQUIPPED AIRCRAFT RWY 12L/R DEPARTURES: FOR ASSIGNED HEADINGS FROM 060 CLOCKWISE TO 100, CROSS FGT R-010 AT OR ABOVE 3500, MAINTAIN ASSIGNED ALTITUDE. IF UNABLE TO COMPLY, ADVISE ATC AS SOON AS POSSIBLE PRIOR TO DEPARTURE. THENCE...

TAKEOFF RWY 17: FOR ASSIGNED HEADINGS FROM 230 CLOCKWISE TO 285, CROSS MSP 7 DME AT OR ABOVE 3500, MAINTAIN ASSIGNED ALTITUDE. IF UNABLE TO COMPLY, ADVISE ATC AS SOON AS POSSIBLE PRIOR TO DEPARTURE. THENCE...

TAKEOFF RWYS 30L/R: FOR ASSIGNED HEADINGS FROM 220 CLOCKWISE TO 360, CROSS MSP 7 DME AT OR ABOVE 3500, MAINTAIN ASSIGNED ALTITUDE. IF UNABLE TO COMPLY, ADVISE ATC AS SOON AS POSSIBLE PRIOR TO DEPARTURE. THENCE...

TAKEOFF RWYS 4, 22, 35: INITIALLY ASSIGNED HEADING, THENCE...

ST PAUL DOWNTOWN HOLMAN FLD:

TAKEOFF RWY 9: CLIMB HEADING 087.66 TO 1400 FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-281 AND DWN R-095 TO DWN VORTAC, THENCE...

TAKEOFF RWY 13: CLIMB HEADING 124.74 TO 1300 FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-281 AND DWN R-095 TO DWN VORTAC, THENCE...

TAKEOFF RWY 14: CLIMB HEADING 143.03 TO 1400 FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-281 AND DWN R-095 TO DWN VORTAC, THENCE...

TAKEOFF RWY 27: CLIMB HEADING 267.67 TO 1700 FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-281 AND DWN R-095 TO DWN VORTAC, THENCE...

TAKEOFF RWY 32: CLIMB HEADING 323.04 TO 1400 FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-281 AND DWN R-095 TO DWN VORTAC, THENCE...

FLYING CLOUD:

TAKEOFF ALL RWYS: FLY ASSIGNED HEADING AND ALTITUDE FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-281 AND DWN R-095 TO DWN VORTAC, THENCE...

ANOKA COUNTY-BLAINE ARPT (JANES FIELD):

TAKEOFF ALL RWYS: FLY ASSIGNED HEADING AND ALTITUDE FOR RADAR VECTORS TO MSP VOR/DME THEN ON MSP R-281 AND DWN R-095 TO DWN VORTAC, THENCE...

... VIA TRANSITION OR ASSIGNED ROUTE. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 10 (TEN) MINUTES AFTER DEPARTURE.



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TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
ABERDEEN	DWN6.ABR	DWN VORTAC	ABR VOR/DME	271.19 & 268.41 (DWN R-271 & ABR R-088)	167.10	10000	3800	DWN VORTAC: AT OR ABOVE 10000 (MRA)

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTES: RADAR REQUIRED.

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN: DEPARTURE CROSSING RESTRICTIONS: RWY 12L/R DME AIRCRAFT REQUIRES AN ATC CLIMB GRADIENT OF 546 FT PER NM TO 3500. RWY 12L/R NON-DME AIRCRAFT REQUIRES AN ATC CLIMB GRADIENT OF 594 FT PER NM TO 3500. RWY 17 REQUIRES AN ATC CLIMB GRADIENT OF 465 FT PER NM TO 3500. RUNWAY 30L/R REQUIRES AN ATC CLIMB GRADIENT OF 380 FT PER NM TO 3500. (CHART ON MSP ONLY).

TAKEOFF MINIMUMS:

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN: RWY 4, 12R, 17, 22, 30L, 30R, STANDARD. RWY 12L, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 207 FT PER NM TO 1100, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FT PRIOR TO DER. RWY 35, STANDARD WITH MINIMUM CLIMB OF 219 FT PER NM TO 2100.

ST PAUL DOWNTOWN HOLMAN FLD: RWY 31, NA-OBSTACLES. RWY 14, STANDARD. RWY 9, STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM TO 1300. RWY 13, STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 1500. RWY 27, 600-2 OR STANDARD WITH MINIMUM CLIMB OF 442 FT PER NM TO 1500. RWY 32, STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM TO 3000.

FLYING CLOUD: RWY 10L, 10R, 18, 28L, 28R, 36, STANDARD.

ANOKA COUNTY-BLAINE ARPT (JANES FIELD): RWY 9, STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM TO 3000. RWY 18, STANDARD WITH MINIMUM CLIMB OF 371 FT PER NM TO 3000. RWY 27, STANDARD WITH MINIMUM CLIMB OF 260 FT PER NM TO 2800. RWY 36, STANDARD WITH MINIMUM CLIMB OF 259 FT PER NM TO 2800.

TAKEOFF OBSTACLES NOTES:

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN:

NOTE: RWY 4, TREES BEGINNING 800 FT FROM DER, 301 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/925 FT MSL. ROD ON BUILDING 2528 FT FROM DER, 1174 FT LEFT OF CENTERLINE, 78 FT AGL/922 FT MSL. FENCE BEGINNING 13 FT FROM DER, 486 FT LEFT OF CENTERLINE, UP TO 6 FT AGL/860 FT MSL. STACK 4535 FT FROM DER, 480 FT LEFT OF CENTERLINE, 139 FT AGL/949 FT MSL. **NOTE:** RWY 12L, TREE 1.1 NM FROM DER, 1691 FT LEFT OF CENTERLINE, 92 FT AGL/991 FT MSL. LT POLE AND CAMERA ON WALL BEGINNING 398 FT FROM DER, 561 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/832 FT MSL. **NOTE:** RWY 12R, TREE 1479 FT FROM DER, 561 FT LEFT OF CENTERLINE, 86 FT AGL/855 FT MSL. OL ON POLE 1002 FT FROM DER, 753 FT LEFT OF CENTERLINE, 53 FT AGL/852 FT MSL. **NOTE:** RWY 17, POLE 409 FT FROM DER, 530 FT RIGHT OF CENTERLINE, 29 FT AGL/866 FT MSL. BUILDING 2619 FT FROM DER, 881 FT LEFT OF CENTERLINE, 97 FT AGL/918 FT MSL. BUILDING 1956 FT FROM DER, 904 FT LEFT OF CENTERLINE, 61 FT AGL/866 FT MSL. TREE 2619 FT FROM DER, ON CENTERLINE, 79 FT AGL/900 FT MSL. **NOTE:** RWY 22, TREES BEGINNING 2659 FT FROM DER, 867 FT RIGHT OF CENTERLINE, UP TO 94 FT AGL/934 FT MSL. **NOTE:** RWY 30L, ANTENNA ON TOWER 3555 FT FROM DER, 1334 FT LEFT OF CENTERLINE, 116 FT AGL/935 FT MSL.

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DARWIN	SIX	DWN6.DWN	FIVE	05/02/2013	6 FEB 2014

NOTE: RWY30R, BILLBOARD SIGN 1463 FT FROM DER, 848 FT RIGHT OF CENTERLINE, 31 FT AGL/880 FT MSL. **NOTE: RWY 35**, TREES BEGINNING 2553 FT FROM DER, 770 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/919 FT MSL. TREES BEGINNING 1989 FT FROM DER, 194 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/906 FT MSL. BUILDINGS BEGINNING 5.4 NM FROM DER, 1781 FT LEFT OF CENTERLINE, UP TO 889 FT AGL/1743 FT MSL.

ST PAUL DOWNTOWN HOLMAN FLD:

NOTE: RWY 9, MOBILE CRANE 1362 FT FROM DER, 124 FT LEFT OF CENTERLINE, 68 FT AGL/758 FT MSL. TREES AND SILO 1464 FT FROM DER, 178 FT RIGHT OF CENTERLINE, UP TO 116 FT AGL/816 FT MSL. TREES AND POLE BEGINNING 1.1 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1099 FT MSL. **NOTE: RWY 13**, TREE AND TOWER BEGINNING 1125 FT FROM DER, 609 FT LEFT OF CENTERLINE, UP TO 67 FT AGL/767 FT MSL. TREE, POLE, VENT ON BUILDING, STACKS, AND OL ON STACK BEGINNING 1672 FT FROM DER, 55 FT RIGHT OF CENTERLINE, UP TO 120 FT AGL/820 FT MSL. TREES BEGINNING 1.9 NM FROM DER, 2938 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1020 FT MSL. **NOTE: RWY 14**, TREES, OL ON DME ANTENNA, AND POLE BEGINNING 290 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 129 FT AGL/819 FT MSL. TREES AND POLE BEGINNING 1099 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/777 FT MSL. **NOTE: RWY 27**, TREES, LIGHT POLE, AND FLAGPOLE BEGINNING 617 FT FROM DER, 198 FT LEFT OF CENTERLINE, UP TO 119 FT AGL/829 FT MSL. OL ON ANT, BLDGS, TOWER, AND TREE BEGINNING 810 FT FROM DER, 26 FT RIGHT OF CENTERLINE, UP TO 165 FT AGL/955 FT MSL. TREES AND BLDG BEGINNING 3886 FT FROM DER, 120 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/1014 FT MSL. TOWER 1.7 NM FROM DER, 633 FT LEFT OF CENTERLINE, 569 FT AGL/1279 FT MSL. **NOTE: RWY 32**, VEHICLE ON ROAD, TREES, RAILROAD, POLES, AND NAVAID BEGINNING 179 FT FROM DER, 267 FT RIGHT OF CENTERLINE, UP TO 58 FT AGL/758 FT MSL. VEHICLE ON ROAD, RAILROAD, AND TREES BEGINNING 192 FT FROM DER, UP TO 59 FT AGL/759 FT MSL. NAVAID 257 FT FROM DER, ON CENTERLINE, 26 FT AGL/726 FT MSL. TREES, POLES, BUILDINGS, AND TOWER BEGINNING 3674 FT FROM DER, 616 FT RIGHT OF CENTERLINE, UP TO 157 FT AGL/973 FT MSL. TREES, BUILDINGS, TOWER, SIGN, AND STACK BEGINNING 1924 FT FROM DER, 378 FT LEFT OF CENTERLINE, UP TO 143 FT AGL/969 FT MSL.

FLYING CLOUD:

NOTE: RWY 10L, TREE, BUILDINGS, AND POLES BEGINNING 78 FT FROM DER, 346 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/945 FT MSL. VEHICLE ON ROAD, SIGN, AND TREES BEGINNING 645 FT FROM DER, 442 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/937 FT MSL. **NOTE: RWY 10R**, BUILDINGS BEGINNING 260 FT FROM DER, 321 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/943 FT MSL. TREES, POLES, AND GENERAL UTILITY BEGINNING 331 FT FROM DER, 106 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/939 FT MSL. **NOTE: RWY 18**, BUILDINGS BEGINNING 212 FT FROM DER, 318 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/938 FT MSL. VEHICLE ON ROAD 262 FT FROM DER, 195 FT LEFT OF CENTERLINE, 15 FT AGL/918 FT MSL. TREES BEGINNING 401 FT FROM DER, 165 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/961 FT MSL. **NOTE: RWY 28R**, TREE, BUILDINGS, AND GENERAL UTILITY BEGINNING 105 FT FROM DER, 353 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/938 FT MSL. **NOTE: RWY 36**, BUILDING 3 FT FROM DER, 478 FT LEFT OF CENTERLINE, 18 FT AGL/920 FT MSL. TREES BEGINNING 426 FT FROM DER, 323 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/951 FT MSL. TREES, BUILDINGS, POLES, AND WINDMILL BEGINNING 541 FT FROM DER, 302 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/960 FT MSL.

ANOKA COUNTY-BLAINE ARPT (JANES FIELD):

NOTE: RWY 9, TANK AND MULTIPLE TREES BEGINNING 822 FT FROM DER, 619 FT RIGHT OF CENTERLINE, UP TO 170 FT AGL/1082 FT MSL. TREES 2248 FT FROM DER, 966 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1009 FT MSL. **NOTE: RWY 18**, AIRCRAFT ON TAXIWAY 36 FT FROM DER, 481 FT RIGHT OF CENTERLINE, UP TO 21 FT AGL/928 FT MSL. MULTIPLE TREES BEGINNING 406 FT FROM DER, 287 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/959 FT MSL. TOWER 5016 FT FROM DER, 201 FT LEFT OF CENTERLINE, 120 FT AGL/1078 FT MSL. **NOTE: RWY 27**, MULTIPLE TREES BEGINNING 7 FT FROM DER, 235 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/983 FT MSL. MULTIPLE TREES BEGINNING 558 FT FROM DER, 406 FT LEFT OF CENTERLINE, UP TO 57 FT AGL/957 FT MSL. **NOTE: RWY 36**, MULTIPLE TREES BEGINNING 86 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 87 FT AGL/987 FT MSL. MULTIPLE TREES BEGINNING 1282 FT FROM DER, 53 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/970 FT MSL.

CONTROLLING OBSTACLES:

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN:

RWY 12L: 991 FT MSL TREE 445233.26N/0931008.66W.
RWY 35: 1743 FT MSL BLDG 445834.00N/0931621.00W.

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ST PAUL DOWNTOWN HOLMAN FLD:

RWY 9: 1009 FT MSL TREE 445605.23N/0930103.53W.

RWY 13: 1238 FT MSL TOWER 445440.64N/0925910.72W.

RWY 14: 1239 FT MSL AAO 445345.20N/0925922.28W.

RWY 27: 1279 FT MSL ROD ON STACK 445600.44N/0930631.02W, 2438 FT MSL TOWER 450345.00N/0930822.00W.

RWY 32: 973 FT MSL POLE 445730.00N/0930432.00W, 2376 FT MSL TOWER 450330.00N/0930728.00W.

ANOKA COUNTY-BLAINE ARPT (JANES FIELD):

RWY 9: 1082 FT MSL TANK 450827.28N/0931028.46W, 2438 FT MSL TOWER 450345.00N/0930822.00W.

RWY 18: 1078 FT MSL TOWER 450728.60N/0931234.40W, 2438 FT MSL TOWER 450345.00N/0930822.00W.

RWY 27, 36: 2438 FT MSL TOWER 450345.00N/0930822.00W.

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

CHART COP AT DWN R-271/60.00 & ABR R-088/107.10

AIRPORTS SERVED:

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN
ST PAUL DOWNTOWN HOLMAN FLD
FLYING CLOUD
ANOKA COUNTY-BLAINE AIRPORT (JANES FIELD)

MINNEAPOLIS, MN
ST PAUL, MN
MINNEAPOLIS, MN
MINNEAPOLIS, MN

COMMUNICATIONS:

ATIS, CLEARANCE DELIVERY, DEPARTURE CONTROL SOUTH OR EAST, DEPARTURE CONTROL NORTH OR WEST, TOWER

FIXES AND/OR NAVAIDS:

INUNE, FCM VOR/DME.

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REMARKS:**CHANGES:**

1. FLYING CLOUD: RWY 18/36: RWY 18 BEING EXTENDED AND RWY 36 SHORTENED. NO CHANGE IN DISTANCE; LENGTH STILL 2691 FT.
2. FLYING CLOUD: UPDATED ALL LOW, CLOSE-IN OBSTACLE NOTES.
3. FLYING CLOUD: REMOVED LOW, CLOSE-IN OBSTACLE NOTES FOR RWY 28L.

REASONS:

1. AIRPORT CONSTRUCTION PER FPT.
2. NEW OBSTACLE DATA.
3. RWY 28L CLEAR OF OBSTACLES.

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KANEK3DDWN6	1RW09	010		0	VM		0887			18000			
SUSAP KANEK3DDWN6	1RW09	020MSP	K3D	0V	DF								
SUSAP KANEK3DDWN6	1RW09	030INUNEK3EA0E			TF								
SUSAP KANEK3DDWN6	1RW09	040DWN	K3D	0VE	TF								
SUSAP KANEK3DDWN6	1RW18	010		0	VM		1787			18000			
SUSAP KANEK3DDWN6	1RW18	020MSP	K3D	0V	DF								
SUSAP KANEK3DDWN6	1RW18	030INUNEK3EA0E			TF								
SUSAP KANEK3DDWN6	1RW18	040DWN	K3D	0VE	TF								
SUSAP KANEK3DDWN6	1RW27	010		0	VM		2687			18000			
SUSAP KANEK3DDWN6	1RW27	020MSP	K3D	0V	DF								
SUSAP KANEK3DDWN6	1RW27	030INUNEK3EA0E			TF								
SUSAP KANEK3DDWN6	1RW27	040DWN	K3D	0VE	TF								
SUSAP KANEK3DDWN6	1RW36	010		0	VM		3587			18000			
SUSAP KANEK3DDWN6	1RW36	020MSP	K3D	0V	DF								
SUSAP KANEK3DDWN6	1RW36	030INUNEK3EA0E			TF								
SUSAP KANEK3DDWN6	1RW36	040DWN	K3D	0VE	TF								
SUSAP KANEK3DDWN6	3ABR	010DWN	K3D	0V	IF					18000			
SUSAP KANEK3DDWN6	3ABR	020ABR	K3D	0VE	TF								

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DARWIN	SIX	DWN6.DWN	FIVE	05/02/2013	6 FEB 2014
SUSAP KANEK3GRW27	0050002687	N45084074W093120253-0100	+0249700909000050100IIANE1		
SUSAP KANEK3GRW36	0048553587	N45081815W093123637+0100	+0249900910000050100V		

DEPARTURE (DATA RECORD)

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DARWIN	SIX	DWN6.DWN	FIVE	05/02/2013	6 FEB 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW09		010		VM		FB		088.7()			
	RW09	MSP	020		DF		FB					
	RW09	INUNE	030		TF		FB					
	RW09	DWN	040		TF		FB					
	RW18		010		VM		FB		178.7()			
	RW18	MSP	020		DF		FB					
	RW18	INUNE	030		TF		FB					
	RW18	DWN	040		TF		FB					
	RW27		010		VM		FB		268.7()			
	RW27	MSP	020		DF		FB					
	RW27	INUNE	030		TF		FB					
	RW27	DWN	040		TF		FB					
	RW36		010		VM		FB		358.7()			
	RW36	MSP	020		DF		FB					
	RW36	INUNE	030		TF		FB					
	RW36	DWN	040		TF		FB					
	ABR	DWN	010		IF		FB					
	ABR	ABR	020		TF		FB					

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
ABR	N452502.48	W0982207.39	N4525.041	W09822.123
DWN	N450514.86	W0942713.86	N4505.248	W09427.231
MSP	N445347.40	W0931411.53	N4453.790	W09314.192
INUNE	N450100.39	W0935932.37	N4501.007	W09359.540
RW09	N450841.35	W0931312.28	N4508.689	W09313.205
RW18	N450906.08	W0931235.57	N4509.101	W09312.593
RW27	N450840.74	W0931202.53	N4508.679	W09312.042
RW36	N450818.15	W0931236.37	N4508.303	W09312.606

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW09	00905	40
RW18	00912	50
RW27	00909	50
RW36	00910	50

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FAA Form 8260-15C / August 2009 (Computer Generated)

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SUSAP KFCMK3GRW18	0026911830	N44494472W093271561+0200	+0247200899000039075V		
SUSAP KFCMK3GRW28L	0050002780	N44493514W093270645+0000	+0246900898000055100R		
SUSAP KFCMK3GRW28R	0039002780	N44493944W093270110+0200	+0247200899000045075R		
SUSAP KFCMK3GRW36	0026910030	N44491829W093271952-0200	+0249000905000030075R		

DEPARTURE (DATA RECORD)

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DARWIN	SIX	DWN6.DWN	FIVE	05/02/2013	6 FEB 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW10B		010		VM		FB		098.0()			
	RW10B	MSP	020		DF		FB					
	RW10B	INUNE	030		TF		FB					
	RW10B	DWN	040		TF		FB					
	RW18		010		VM		FB		183.0()			
	RW18	MSP	020		DF		FB					
	RW18	INUNE	030		TF		FB					
	RW18	DWN	040		TF		FB					
	RW28B		010		VM		FB		278.0()			
	RW28B	MSP	020		DF		FB					
	RW28B	INUNE	030		TF		FB					
	RW28B	DWN	040		TF		FB					
	RW36		010		VM		FB		003.0()			
	RW36	MSP	020		DF		FB					
	RW36	INUNE	030		TF		FB					
	RW36	DWN	040		TF		FB					
	ABR	DWN	010		IF		FB					
	ABR	ABR	020		TF		FB					

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
ABR	N452502.48	W0982207.39	N4525.041	W09822.123
DWN	N450514.86	W0942713.86	N4505.248	W09427.231
MSP	N445347.40	W0931411.53	N4453.790	W09314.192
INUNE	N450100.39	W0935932.37	N4501.007	W09359.540
RW10L	N444946.79	W0932754.22	N4449.780	W09327.904
RW10R	N444944.58	W0932814.54	N4449.743	W09328.242
RW18	N444944.72	W0932715.61	N4449.745	W09327.260
RW28L	N444935.14	W0932706.45	N4449.586	W09327.108
RW28R	N444939.44	W0932701.10	N4449.657	W09327.018
RW36	N444918.29	W0932719.52	N4449.305	W09327.325

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW10L	00906	45
RW10R	00896	42
RW18	00899	39
RW28L	00898	55
RW28R	00899	45
RW36	00905	30

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DARWIN	SIX	DWN6.DWN	FIVE	05/02/2013	6 FEB 2014

FAA Form 8260-15C / August 2009 (Computer Generated)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DARWIN	SIX	DWN6.DWN	FIVE	05/02/2013	6 FEB 2014

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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DARWIN	SIX	DWN6.DWN	FIVE	05/02/2013	6 FEB 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW09		010		VA		FB		087.7()		AA 01400	
	RW09		020		VM		FB		087.7()			
	RW09	MSP	030		DF		FB					
	RW09	INUNE	040		TF		FB					
	RW09	DWN	050		TF		FB					
	RW13		010		VA		FB		124.7()		AA 01300	
	RW13		020		VM		FB		124.7()			
	RW13	MSP	030		DF		FB					
	RW13	INUNE	040		TF		FB					
	RW13	DWN	050		TF		FB					
	RW14		010		VA		FB		143.0()		AA 01400	
	RW14		020		VM		FB		143.0()			
	RW14	MSP	030		DF		FB					
	RW14	INUNE	040		TF		FB					
	RW14	DWN	050		TF		FB					
	RW27		010		VA		FB		267.7()		AA 01700	
	RW27		020		VM		FB		267.7()			
	RW27	MSP	030		DF		FB					
	RW27	INUNE	040		TF		FB					
	RW27	DWN	050		TF		FB					
	RW32		010		VA		FB		323.0()		AA 01400	
	RW32		020		VM		FB		323.0()			
	RW32	MSP	030		DF		FB					
	RW32	INUNE	040		TF		FB					
	RW32	DWN	050		TF		FB					
	ABR	DWN	010		IF		FB					
	ABR	ABR	020		TF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ABR	N452502.48	W0982207.39	N4525.041	W09822.123
	DWN	N450514.86	W0942713.86	N4505.248	W09427.231
	MSP	N445347.40	W0931411.53	N4453.790	W09314.192
	INUNE	N450100.39	W0935932.37	N4501.007	W09359.540
	RW09	N445605.51	W0930405.24	N4456.092	W09304.087
	RW13	N445621.07	W0930354.24	N4456.351	W09303.904
	RW14	N445625.31	W0930401.44	N4456.422	W09304.024
	RW27	N445605.09	W0930314.62	N4456.085	W09303.244
	RW32	N445538.09	W0930316.66	N4455.635	W09303.278

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DARWIN	SIX	DWN6.DWN	FIVE	05/02/2013	6 FEB 2014

RW09	00701	50
RW13	00705	40
RW14	00705	53
RW27	00701	40
RW32	00704	40