

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PANTHER	THREE	PAN3.PAN	TWO	15 DEC 2011	25 JUNE 2015

TYPE: SID

DP ROUTE DESCRIPTION:

CHARLOTTE/DOUGLAS INTL: RWY 5: CLIMB HEADING 055.47, THENCE... **RWY 18R:** CLIMBING RIGHT TURN HEADING 200, THENCE... **RWY 18C:** CLIMB HEADING 182.96 UNTIL PASSING CLT VOR/DME 1.6 DME, THEN TURN RIGHT HEADING 200, THENCE... **RWY 18L:** CLIMB HEADING 182.97, THENCE... **RWY 23:** CLIMB HEADING 235.48, THENCE... **RWY 36L:** CLIMBING LEFT TURN HEADING 315, THENCE... **RWY 36C:** CLIMBING LEFT TURN HEADING 330, THENCE... **RWY 36R:** CLIMBING RIGHT TURN HEADING 025, THENCE...
...EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 8000, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

CONCORD RGNL: RWY 2: CLIMB HEADING 016.46, THENCE... **RWY 20:** CLIMBING LEFT TURN HEADING 150, THENCE...
...EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 3000, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

GASTONIA MUNI: RWY 3: CLIMB HEADING 034.34, THENCE... **RWY 21:** CLIMB HEADING 214.33, THENCE...
...EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 3400, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

CHARLOTTE-MONROE EXECUTIVE: RWY 5: CLIMB HEADING 053.00, THENCE... **RWY 23:** CLIMB HEADING 233.00, THENCE...
...EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 3000, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

ROCK HILL/YORK CO/BRYANT FIELD: RWY 2: CLIMB HEADING 016.22, THENCE... **RWY 20:** CLIMB HEADING 196.22, THENCE...
...EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 3000, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

LINCOLN-LINCOLN COUNTY RGNL: RWY 5: CLIMB HEADING 063.15 TO 2000 BEFORE PROCEEDING ON COURSE, THENCE... **RWY 23:** CLIMB HEADING 233.15 TO 2800 BEFORE TURNING LEFT, THENCE...
...EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 3000, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

LANCASTER COUNTY-MC WHIRTER FIELD: RWY 6: CLIMB HEADING 065.51, THENCE... **RWY 24:** CLIMB HEADING 245.52, THENCE...
...EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 3000, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

STANLY COUNTY: RWY 4R: CLIMB HEADING 043.18, THENCE... **RWY 22L:** CLIMB HEADING 223.19, THENCE...
...EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 3000, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

ROWAN COUNTY: RWY 2: CLIMB HEADING 021.99, THENCE... **RWY 20:** CLIMB HEADING 160.00 TO 1500 BEFORE TURNING WEST, THENCE...
...EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 3000, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
LILLS	PAN3.LILLS	CLT VOR/DME	LILLS	111.58 (CLT R-112)	52.58	8000	2700	
COLUMBIA	PAN3.CAE	CLT VOR/DME	BUCKL	180.00 (CLT R-180)	40.00	8000	2300	
		BUCKL	CAE VORTAC	194.16 (CAE R-014)	40.91	8000	2500	
ANDYS	PAN3.ANDYS	CLT VOR/DME	ANDYS	196.00 (CLT R-196)	50.00	8000	2300	
TAYLOR	PAN3.TAY	CLT VOR/DME	ANDYS	196.00 (CLT R-196)	50.00	8000	2300	
		ANDYS	TREAL	196.00 (CLT R-196)	79.33	FL 180	2100	
		TREAL	DUNKN	204.50 (CAE R-205)	70.56	FL180	1900	

QUALITY
15
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PANTHER	THREE	PAN3.PAN	TWO	15 DEC 2011	25 JUNE 2015
DUNKN	TAY VORTAC	202.06 (TAY R-022)	93.25	FL180	1800

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: FOR TURBOJET/JS ONLY. **NOTE:** RADAR AND DME REQUIRED. **NOTE (CHARLOTTE/DOUGLAS INTL ONLY):** TRANSPONDER CODE WILL BE ISSUED VIA PDC OR CHARLOTTE CLEARANCE DELIVERY. **NOTE (CONCORD RGNL ONLY):** TRANSPONDER CODE WILL BE ISSUED VIA CONCORD ATCT OR CHARLOTTE CLEARANCE DELIVERY. **NOTE (GASTONIA MUNI, CHARLOTTE-MONROE EXECUTIVE, ROCK HILL/YORK CO/BRYANT FIELD, LINCOLNTON-LINCOLN COUNTY RGNL, LANCASTER COUNTY-MC WHIRTER FIELD, STANLY COUNTY, ROWAN COUNTY ONLY):** TRANSPONDER CODE WILL BE ISSUED VIA CHARLOTTE CLEARANCE DELIVERY.

TAKEOFF MINIMUMS: CHARLOTTE/DOUGLAS INTL: **RWY 5, 18R, 18L, 18C, 23, 36R, 36C,** STANDARD. **RWY 36L:** STANDARD WITH MINIMUM CLIMB OF 215 FT PER NM TO 3500. **CONCORD RGNL:** **RWY 2,** STANDARD. **RWY 20,** STANDARD WITH MINIMUM CLIMB OF 318 FT PER NM TO 2400.

GASTONIA MUNI: **RWY 3, 21,** STANDARD.

CHARLOTTE-MONROE EXECUTIVE: **RWY 5, 23,** STANDARD.

ROCK HILL/YORK CO/ BRYANT FIELD: **RWY 2, 20,** STANDARD.

LINCOLNTON-LINCOLN COUNTY RGNL: **RWY 5,** STANDARD WITH MINIMUM ATC CLIMB OF 250 FT PER NM TO 3000. **RWY 23,** STANDARD WITH MINIMUM ATC CLIMB OF 250 FT PER NM TO 3000. IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC ON INITIAL CONTACT.

LANCASTER COUNTY-MC WHIRTER FIELD: **RWY 6,** STANDARD WITH MINIMUM ATC CLIMB OF 250 FT PER NM TO 3000. **RWY 24,** STANDARD WITH MINIMUM ATC CLIMB OF 250 FT PER NM TO 3000. IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC ON INITIAL CONTACT.

STANLY COUNTY: **RWY 4L, 22R,** NA – VFR RUNWAY. **RWY 22L,** STANDARD WITH MINIMUM ATC CLIMB OF 250 FT PER NM TO 3000. **RWY 4R,** 300 – 1 ½ OR STANDARD WITH MINIMUM CLIMB OF 276 FT PER NM TO 1000. MINIMUM ATC CLIMB OF 250 FT PER NM TO 3000. IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC ON INITIAL CONTACT.

ROWAN COUNTY: **RWY 2,** STANDARD WITH MINIMUM ATC CLIMB OF 250 FT PER NM TO 3000. **RWY 20,** 400 – 2 ¾ OR STANDARD WITH MINIMUM CLIMB OF 204 FT PER NM TO 1300, 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 DEPARTURE END OF RUNWAY. MINIMUM ATC CLIMB OF 250 FT PER NM TO 3000. IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC ON INITIAL CONTACT.

TAKEOFF OBSTACLES NOTES:

CHARLOTTE/DOUGLAS INTL: **NOTE: RWY 5,** TREES BEGINNING 1031 FT FROM DER, 480 FT LEFT OF CENTERLINE, UP TO 127 FT AGL/856 FT MSL. **NOTE: RWY 18L,** TOWER AND POLE BEGINNING 981 FT FROM DER, 708 FT LEFT OF CENTERLINE, UP TO 160 FT AGL/850 FT MSL. TREES BEGINNING 1235 FT FROM DER, 707 FT RIGHT OF CENTERLINE, UP TO 88 FT AGL/767 FT MSL. **NOTE: RWY 18C,** TREES BEGINNING 1688 FT FROM DER, 735 FT LEFT OF CENTERLINE, UP TO 108 FT AGL/787 FT MSL. TREES BEGINNING 3251 FT FROM DER, 995 FT RIGHT OF CENTERLINE, UP TO 102 FT AGL/841 FT MSL. **NOTE: RWY 23,** TREES BEGINNING 3899 FT FROM DER, 216 FT LEFT OF CENTERLINE, UP TO 99 FT AGL/818 FT MSL. TREES BEGINNING 1491 FT FROM DER, 603 FT RIGHT OF CENTERLINE, UP TO 74 FT AGL/823 FT MSL. **NOTE: RWY 36C,** TREES BEGINNING 1937 FT FROM DER, 725 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/823 FT MSL. TREES BEGINNING 1420 FT FROM DER, 309 FT RIGHT OF CENTERLINE, UP TO 114 FT AGL/823 FT MSL. **NOTE: RWY 36R,** POLE AND TREES BEGINNING 713 FT FROM DER, 416 FT LEFT OF CENTERLINE, UP TO 94 FT AGL/853 FT MSL. RAILROAD, ANTENNA, POLES, AND TREES BEGINNING 471 FT FROM DER, 93 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/852 FT MSL.

CONCORD RGNL: **NOTE: RWY 2,** POLES AND TREES BEGINNING 2624 FT FROM DER, 688 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/784 FT MSL. TREES BEGINNING 2107 FT FROM DER, 787 FT RIGHT OF CENTERLINE, UP TO 24 FT AGL/783 FT MSL. **NOTE: RWY 20,** STREET LIGHTS BEGINNING 3047 FT FROM DER, 196 FT RIGHT OF CENTERLINE, UP TO 105 FT AGL/744 FT MSL. TREES 1.3 NM FROM DER, 1544 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/849 FT MSL.

GASTONIA MUNI: **NOTE: RWY 3,** TREES BEGINNING 1200 FT FROM DER, 433 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/859 FT MSL. TREES BEGINNING 162 FT FROM DER, 371 FT RIGHT OF CENTERLINE, UP TO 136 FT AGL/885 FT MSL. **NOTE: RWY 21,** ANTENNA AND TREES BEGINNING 269 FT FROM DER, 210 FT LEFT OF CENTERLINE, UP TO 101 FT AGL/880 FT MSL. TREES BEGINNING 252 FT FROM DER, 264 FT RIGHT OF CENTERLINE, UP TO 113 FT AGL/882 FT MSL.

CHARLOTTE-MONROE EXECUTIVE: **NOTE: RWY 5,** TREES BEGINNING 150 FT FROM DER, 202 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/799 FT MSL. VEHICLES ON ROAD AND TREES BEGINNING 199 FT FROM DER, 259 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/789 FT MSL.

ROCK HILL/YORK CO/BRYANT FIELD: **NOTE: RWY 2,** TREES BEGINNING 99 FT FROM DER, 174 FT RIGHT OF CENTERLINE, UP TO 102 FT AGL/747 FT MSL.

LINCOLNTON-LINCOLN COUNTY RGNL: **NOTE: RWY 5,** TREES BEGINNING 1913 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/999 FT MSL. **NOTE: RWY 23,** TREES BEGINNING 1395 FT FROM DER, 41 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1059 FT MSL. TREES BEGINNING 2068 FT FROM DER, 480 FT RIGHT OF

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15
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CENTERLINE, UP TO 100 FT AGL/1027 FT MSL.

LANCASTER COUNTY-MC WHIRTER FIELD: NOTE: RWY 6, TREES BEGINNING 176 FT FROM DER, 394 FT LEFT OF CENTERLINE, UP TO 26 FT AGL/526 FT MSL. VEHICLES ON ROADWAY 322 FT FROM DER, 401 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/517 FT MSL. TREES BEGINNING 4704 FT FROM DER, 1425 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/630 FT MSL. **NOTE: RWY 24**, TREES BEGINNING 73 FT FROM DER, 492 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/467 FT MSL.

STANLY COUNTY: NOTE: RWY 4R, TREE 4312 FT FROM DER, 374 FT RIGHT OF CENTERLINE, 78 FT AGL/692 FT MSL. TREE 1.2 NM FROM DER, 2063 FT LEFT OF CENTERLINE, 98 FT AGL/837 FT MSL. **NOTE: RWY 22L**, TREES BEGINNING 190 FT FROM DER, 142 FT RIGHT OF CENTERLINE UP TO 82 FT AGL/682 FT MSL. RAILROAD 438 FT FROM DER, 403 FT RIGHT OF CENTERLINE, 23 FT AGL/620 FT MSL.

ROWAN COUNTY: NOTE: RWY 2, TREES BEGINNING 106 FT FROM DER, 474 FT RIGHT OF CENTERLINE, UP TO 68 FT AGL/787 FT MSL. **NOTE: RWY 20**, TREES BEGINNING 167 FT FROM DER, 17 FT RIGHT OF CENTERLINE, UP TO 114 FT AGL/913 FT MSL. TREES BEGINNING 1323 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 97 FT AGL/896 FT MSL. BLDG 669 FT FROM DER, 361 FT LEFT OF CENTERLINE, 25 FT AGL/788 FT MSL.

CONTROLLING OBSTACLES:

CHARLOTTE/DOUGLAS INTL: RWY 5: 1634 FT MSL BLDG 351339.00N/0805032.00W. **RWY 36C:** 2749 FT MSL TOWER 352145.00N/0810918.00W. **RWY 36L:** 2755 FT MSL TOWER 352049.00N/0811014.00W.

CONCORD RGNL: RWY 2: 2349 FT MSL TOWER 353157.00N/0804746.00W. **RWY 20:** 1951 FT MSL TOWER 351715.00N/0804144.00W.

GASTONIA MUNI: RWY 3: 2755 FT MSL TOWER 352049.00N/0811014.00W. **RWY 21:** 2755 FT MSL TOWER 352049.00N/0811014.00W.

LINCOLNTON-LINCOLN COUNTY RGNL: RWY 5, 1759 FT MSL AAO 353355.99N/0810528.63W. **RWY 23**, 2720 FT MSL TOWER 352151.00N/0811112.00W.

STANLY COUNTY: RWY 4R: 639 FT MSL TREE 352434.97N/0800929.52W.

ROWAN COUNTY: RWY 20: 1125 FT MSL TOWER 353612.70N/0803254.42W, 1849 FT MSL TOWER 353533.00N/0803743.00W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART NOTE (CHARLOTTE/DOUGLAS INTL, LINCOLNTON-LINCOLN COUNTY RGNL, LANCASTER COUNTY-MC WHIRTER FIELD, STANLY COUNTY, ROWAN COUNTY ONLY):

ACCELERATE TO 250 KIAS, IF UNABLE, ADVISE ATC.

CHART NOTE: DO NOT EXCEED 280 KIAS UNTIL ADVISED BY ATC.

CHART: FAY VOR/DME R-271, SDZ VORTAC R-228, AND FLO VORTAC R-345 AT LILLS.

CHART: IRQ VORTAC R-056 AT ANDYS.

CHART: SAV VOR/DME R-262, IRQ VORTAC R-178, AND CRG VORTAC R-350 AT DUNKN.

CHART: J75, TREAL TO DUNKN. **CHART:** J75, DUNKN TO TAY VORTAC. **CHART:** CAE VORTAC R-205 AT TREAL.

Charlotte/Douglas Intl - CHART: TOP ALTITUDE: 8000

Concord Rgnl - CHART: TOP ALTITUDE: 3000

Gastonia Muni - CHART: TOP ALTITUDE: 3400

Charlotte-Monroe Executive - CHART: TOP ALTITUDE: 3000

Rock Hill/York Co/Bryant Field - CHART: TOP ALTITUDE: 3000

Lincolnton-Lincoln County Rgnl - CHART: TOP ALTITUDE: 3000

Rowan County - CHART: TOP ALTITUDE: 3000

Lancaster County - McWhirter Field - CHART: TOP ALTITUDE: 3000

Stanly County - CHART: TOP ALTITUDE: 3000

QUALITY
15
CHECKED

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AIRPORTS SERVED:

CHARLOTTE/DOUGLAS INTL
CONCORD RGNL
GASTONIA MUNI
CHARLOTTE-MONROE EXECUTIVE
ROCK HILL/YORK CO/BRYANT FIELD
LINCOLNTON-LINCOLN COUNTY RGNL
ROWAN COUNTY
LANCASTER COUNTY-MC WHIRTER FIELD
STANLY COUNTY

CHARLOTTE, NC
CONCORD, NC
GASTONIA, NC
MONROE, NC
ROCK HILL, SC
LINCOLNTON, NC
SALISBURY, NC
LANCASTER, SC
ALBEMARLE, NC

COMMUNICATIONS:

CHARLOTTE/DOUGLAS INTL: ATIS, CLEARANCE DELIVERY, GROUND, TOWER, DEP CON.
CONCORD RGNL: AWOS, CLEARANCE DELIVERY, GROUND, TOWER, CTAF, DEP CON.
GASTONIA MUNI, CHARLOTTE-MONROE EXECUTIVE, ROCK HILL/YORK CO/BRYANT FIELD: ASOS, CLEARANCE DELIVERY, CTAF, DEP CON.
LINCOLNTON-LINCOLN COUNTY RGNL: ASOS, CLEARANCE DESLIVERY, CTAF, DEP CON134.75/257.2.
LANCASTER COUNTY-MC WHIRTER FIELD: ASOS, CLEARANCE DELIVERY, CTAF, DEP CON 120.05/307.8.
ROWAN COUNTY: ASOS, CLEARANCE DELIVERY, CTAF, DEP CON 128.325/307.8.
STANLY COUNTY: AWOS, CLEARANCE DELIVERY, GROUND, TOWER, CTAF, DEP CON128.325/307.8.

FIXES AND/OR NAVAIDS:

CRG VORTAC, SAV VORTAC, FLO VORTAC, FAY VOR/DME, SDZ VORTAC, IRQ VORTAC

REMARKS:

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PANTHER	THREE	PAN3.PAN	TWO	15 DEC 2011	25 JUNE 2015

REQUIRED EFFECTIVE DATE:

ROUTINE

CHANGES:

ADDED

Charlotte/Douglas Intl - CHART: TOP ALTITUDE: 8000

Concord Rgnl - CHART: TOP ALTITUDE: 3000

Gastonia Muni - CHART: TOP ALTITUDE: 3400

Charlotte-Monroe Executive – CHART: TOP ALTITUDE: 3000

Rock Hill/York Co/Bryant Field – CHART: TOP ALTITUDE: 3000

Lincolnton-Lincoln County Rgnl – CHART: TOP ALTITUDE: 3000

Rowan County – CHART: TOP ALTITUDE: 3000

Lancaster County – McWhirter Field – CHART: TOP ALTITUDE: 3000

Stanly County - CHART: TOP ALTITUDE: 3000

REASONS:

ATC REQUEST.

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PANTHER	THREE	PAN3.PAN	TWO	15 DEC 2011	25 JUNE 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	CLT	010		IF		FB					
	ANDYS	CLT	010		IF		FB					
	ANDYS	ANDYS	020		TF		FB		196.0 ()	050.0		
	CAE	CLT	010		IF		FB					
	CAE	BUCKL	020		TF		FB		180.0 ()	040.0		
	CAE	CAE	030		TF		FB		194.2 ()	040.9		
	LILLS	CLT	010		IF		FB					
	LILLS	LILLS	020		TF		FB		111.6 ()	052.6		
	TAY	CLT	010		IF		FB					
	TAY	ANDYS	020		TF		FB		196.0 ()	050.0		
	TAY	TREAL	030		TF		FB		196.0 ()	079.3		
	TAY	DUNKN	040		TF		FB		204.5 ()	070.6		
	TAY	TAY	050		TF		FB		202.1 ()	093.3		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAE	N335126.09	W0810314.05	N3351.435	W08103.234
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	TAY	N303016.70	W0823310.45	N3030.278	W08233.174
	ANDYS	N342214.70	W0810837.81	N3422.245	W08108.630
	BUCKL	N343130.13	W0805253.14	N3431.502	W08052.886
	DUNKN	N315841.86	W0815755.58	N3158.698	W08157.926
	LILLS	N345607.59	W0795548.73	N3456.127	W07955.812
	TREAL	N330410.94	W0812627.80	N3304.182	W08126.463
	RW03	N351153.04	W0810910.33	N3511.884	W08109.172
	RW21	N351225.07	W0810849.29	N3512.418	W08108.822

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW03	00796	40
RW21	00781	40

QUALITY
15
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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	CLT	010		IF		FB					
	ANDYS	CLT	010		IF		FB					
	ANDYS	ANDYS	020		TF		FB		196.0 ()	050.0		
	CAE	CLT	010		IF		FB					
	CAE	BUCKL	020		TF		FB		180.0 ()	040.0		
	CAE	CAE	030		TF		FB		194.2 ()	040.9		
	LILLS	CLT	010		IF		FB					
	LILLS	LILLS	020		TF		FB		111.6 ()	052.6		
	TAY	CLT	010		IF		FB					
	TAY	ANDYS	020		TF		FB		196.0 ()	050.0		
	TAY	TREAL	030		TF		FB		196.0 ()	079.3		
	TAY	DUNKN	040		TF		FB		204.5 ()	070.6		
	TAY	TAY	050		TF		FB		202.1 ()	093.3		

POINT DATA

WAYPOINT

LAT IN SECS

LONG IN SECS

LAT IN MINS

LONG IN MINS

CAE	N335126.09	W0810314.05	N3351.435	W08103.234
CLT	N351125.04	W0805706.31	N3511.417	W08057.105
TAY	N303016.70	W0823310.45	N3030.278	W08233.174
ANDYS	N342214.70	W0810837.81	N3422.245	W08108.630
BUCKL	N343130.13	W0805253.14	N3431.502	W08052.886
DUNKN	N315841.86	W0815755.58	N3158.698	W08157.926
LILLS	N345607.59	W0795548.73	N3456.127	W07955.812
TREAL	N330410.94	W0812627.80	N3304.182	W08126.463
RW05	N351232.23	W0805659.81	N3512.537	W08056.997
RW18C	N351338.63	W0805711.41	N3513.644	W08057.190
RW18L	N351329.04	W0805610.17	N3513.484	W08056.170
RW18R	N351331.02	W0805802.71	N3513.517	W08058.045
RW23	N351321.42	W0805552.12	N3513.357	W08055.869
RW36C	N351159.97	W0805702.92	N3512.000	W08057.049
RW36L	N351202.23	W0805755.07	N3512.037	W08057.918
RW36R	N351203.45	W0805602.82	N3512.058	W08056.047

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW05	00706	51
RW18C	00742	55
RW18L	00746	56
RW18R	00744	55
RW23	00747	58
RW36C	00692	55

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PANTHER	THREE	PAN3.PAN	TWO	15 DEC 2011	25 JUNE 2015
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	RW36L 00744	55			
	RW36R 00724	55			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PANTHER	THREE	PAN3.PAN	TWO	15 DEC 2011	25 JUNE 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	CLT	010		IF		FB					
	ANDYS	CLT	010		IF		FB					
	ANDYS	ANDYS	020		TF		FB		196.0 ()	050.0		
	CAE	CLT	010		IF		FB					
	CAE	BUCKL	020		TF		FB		180.0 ()	040.0		
	CAE	CAE	030		TF		FB		194.2 ()	040.9		
	LILLS	CLT	010		IF		FB					
	LILLS	LILLS	020		TF		FB		111.6 ()	052.6		
	TAY	CLT	010		IF		FB					
	TAY	ANDYS	020		TF		FB		196.0 ()	050.0		
	TAY	TREAL	030		TF		FB		196.0 ()	079.3		
	TAY	DUNKN	040		TF		FB		204.5 ()	070.6		
	TAY	TAY	050		TF		FB		202.1 ()	093.3		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAE	N335126.09	W0810314.05	N3351.435	W08103.234
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	TAY	N303016.70	W0823310.45	N3030.278	W08233.174
	ANDYS	N342214.70	W0810837.81	N3422.245	W08108.630
	BUCKL	N343130.13	W0805253.14	N3431.502	W08052.886
	DUNKN	N315841.86	W0815755.58	N3158.698	W08157.926
	LILLS	N345607.59	W0795548.73	N3456.127	W07955.812
	TREAL	N330410.94	W0812627.80	N3304.182	W08126.463
	RW05	N350049.23	W0803737.01	N3500.821	W08037.617
	RW23	N350126.33	W0803648.65	N3501.439	W08036.811

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW05	00679	57
RW23	00662	40

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PANTHER	THREE	PAN3.PAN	TWO	15 DEC 2011	25 JUNE 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	CLT	010		IF		FB					
	ANDYS	CLT	010		IF		FB					
	ANDYS	ANDYS	020		TF		FB		196.0 ()	050.0		
	CAE	CLT	010		IF		FB					
	CAE	BUCKL	020		TF		FB		180.0 ()	040.0		
	CAE	CAE	030		TF		FB		194.2 ()	040.9		
	LILLS	CLT	010		IF		FB					
	LILLS	LILLS	020		TF		FB		111.6 ()	052.6		
	TAY	CLT	010		IF		FB					
	TAY	ANDYS	020		TF		FB		196.0 ()	050.0		
	TAY	TREAL	030		TF		FB		196.0 ()	079.3		
	TAY	DUNKN	040		TF		FB		204.5 ()	070.6		
	TAY	TAY	050		TF		FB		202.1 ()	093.3		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAE	N335126.09	W0810314.05	N3351.435	W08103.234
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	TAY	N303016.70	W0823310.45	N3030.278	W08233.174
	ANDYS	N342214.70	W0810837.81	N3422.245	W08108.630
	BUCKL	N343130.13	W0805253.14	N3431.502	W08052.886
	DUNKN	N315841.86	W0815755.58	N3158.698	W08157.926
	LILLS	N345607.59	W0795548.73	N3456.127	W07955.812
	TREAL	N330410.94	W0812627.80	N3304.182	W08126.463
	RW05	N352841.46	W0811004.94	N3528.691	W08110.082
	RW23	N352917.07	W0810918.01	N3529.285	W08109.300

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW05	00877	58
RW23	00867	47

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PANTHER	THREE	PAN3.PAN	TWO	15 DEC 2011	25 JUNE 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	CLT	010		IF		FB					
	ANDYS	CLT	010		IF		FB					
	ANDYS	ANDYS	020		TF		FB		196.0 ()	050.0		
	CAE	CLT	010		IF		FB					
	CAE	BUCKL	020		TF		FB		180.0 ()	040.0		
	CAE	CAE	030		TF		FB		194.2 ()	040.9		
	LILLS	CLT	010		IF		FB					
	LILLS	LILLS	020		TF		FB		111.6 ()	052.6		
	TAY	CLT	010		IF		FB					
	TAY	ANDYS	020		TF		FB		196.0 ()	050.0		
	TAY	TREAL	030		TF		FB		196.0 ()	079.3		
	TAY	DUNKN	040		TF		FB		204.5 ()	070.6		
	TAY	TAY	050		TF		FB		202.1 ()	093.3		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAE	N335126.09	W0810314.05	N3351.435	W08103.234
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	TAY	N303016.70	W0823310.45	N3030.278	W08233.174
	ANDYS	N342214.70	W0810837.81	N3422.245	W08108.630
	BUCKL	N343130.13	W0805253.14	N3431.502	W08052.886
	DUNKN	N315841.86	W0815755.58	N3158.698	W08157.926
	LILLS	N345607.59	W0795548.73	N3456.127	W07955.812
	TREAL	N330410.94	W0812627.80	N3304.182	W08126.463
	RW02	N352239.99	W0804241.00	N3522.667	W08042.683
	RW20	N352345.66	W0804226.19	N3523.761	W08042.437

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW02	00640	60
RW20	00700	44

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PANTHER	THREE	PAN3.PAN	TWO	15 DEC 2011	25 JUNE 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	CLT	010		IF		FB					
	ANDYS	CLT	010		IF		FB					
	ANDYS	ANDYS	020		TF		FB		196.0 ()	050.0		
	CAE	CLT	010		IF		FB					
	CAE	BUCKL	020		TF		FB		180.0 ()	040.0		
	CAE	CAE	030		TF		FB		194.2 ()	040.9		
	LILLS	CLT	010		IF		FB					
	LILLS	LILLS	020		TF		FB		111.6 ()	052.6		
	TAY	CLT	010		IF		FB					
	TAY	ANDYS	020		TF		FB		196.0 ()	050.0		
	TAY	TREAL	030		TF		FB		196.0 ()	079.3		
	TAY	DUNKN	040		TF		FB		204.5 ()	070.6		
	TAY	TAY	050		TF		FB		202.1 ()	093.3		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAE	N335126.09	W0810314.05	N3351.435	W08103.234
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	TAY	N303016.70	W0823310.45	N3030.278	W08233.174
	ANDYS	N342214.70	W0810837.81	N3422.245	W08108.630
	BUCKL	N343130.13	W0805253.14	N3431.502	W08052.886
	DUNKN	N315841.86	W0815755.58	N3158.698	W08157.926
	LILLS	N345607.59	W0795548.73	N3456.127	W07955.812
	TREAL	N330410.94	W0812627.80	N3304.182	W08126.463
	RW06	N344307.49	W0805146.12	N3443.125	W08051.769
	RW24	N344337.96	W0805045.86	N3443.633	W08050.764

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW06	00460	47
RW24	00486	43

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PANTHER	THREE	PAN3.PAN	TWO	15 DEC 2011	25 JUNE 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	CLT	010		IF		FB					
	ANDYS	CLT	010		IF		FB					
	ANDYS	ANDYS	020		TF		FB		196.0 ()	050.0		
	CAE	CLT	010		IF		FB					
	CAE	BUCKL	020		TF		FB		180.0 ()	040.0		
	CAE	CAE	030		TF		FB		194.2 ()	040.9		
	LILLS	CLT	010		IF		FB					
	LILLS	LILLS	020		TF		FB		111.6 ()	052.6		
	TAY	CLT	010		IF		FB					
	TAY	ANDYS	020		TF		FB		196.0 ()	050.0		
	TAY	TREAL	030		TF		FB		196.0 ()	079.3		
	TAY	DUNKN	040		TF		FB		204.5 ()	070.6		
	TAY	TAY	050		TF		FB		202.1 ()	093.3		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAE	N335126.09	W0810314.05	N3351.435	W08103.234
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	TAY	N303016.70	W0823310.45	N3030.278	W08233.174
	ANDYS	N342214.70	W0810837.81	N3422.245	W08108.630
	BUCKL	N343130.13	W0805253.14	N3431.502	W08052.886
	DUNKN	N315841.86	W0815755.58	N3158.698	W08157.926
	LILLS	N345607.59	W0795548.73	N3456.127	W07955.812
	TREAL	N330410.94	W0812627.80	N3304.182	W08126.463
	RW02	N353819.03	W0803122.23	N3538.317	W08031.371
	RW20	N353911.33	W0803103.87	N3539.189	W08031.065

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW02	00769	55
RW20	00766	46

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PANTHER	THREE	PAN3.PAN	TWO	15 DEC 2011	25 JUNE 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	CLT	010		IF		FB					
	ANDYS	CLT	010		IF		FB					
	ANDYS	ANDYS	020		TF		FB		196.0 ()	050.0		
	CAE	CLT	010		IF		FB					
	CAE	BUCKL	020		TF		FB		180.0 ()	040.0		
	CAE	CAE	030		TF		FB		194.2 ()	040.9		
	LILLS	CLT	010		IF		FB					
	LILLS	LILLS	020		TF		FB		111.6 ()	052.6		
	TAY	CLT	010		IF		FB					
	TAY	ANDYS	020		TF		FB		196.0 ()	050.0		
	TAY	TREAL	030		TF		FB		196.0 ()	079.3		
	TAY	DUNKN	040		TF		FB		204.5 ()	070.6		
	TAY	TAY	050		TF		FB		202.1 ()	093.3		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAE	N335126.09	W0810314.05	N3351.435	W08103.234
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	TAY	N303016.70	W0823310.45	N3030.278	W08233.174
	ANDYS	N342214.70	W0810837.81	N3422.245	W08108.630
	BUCKL	N343130.13	W0805253.14	N3431.502	W08052.886
	DUNKN	N315841.86	W0815755.58	N3158.698	W08157.926
	LILLS	N345607.59	W0795548.73	N3456.127	W07955.812
	TREAL	N330410.94	W0812627.80	N3304.182	W08126.463
	RW02	N345849.49	W0810332.27	N3458.825	W08103.538
	RW20	N345942.85	W0810319.40	N3459.714	W08103.323

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW02	00666	41
RW20	00661	40

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PANTHER	THREE	PAN3.PAN	TWO	15 DEC 2011	25 JUNE 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW04R	CLT	010		IF		FB					
	RW22L	CLT	010		IF		FB					
	ANDYS	CLT	010		IF		FB					
	ANDYS	ANDYS	020		TF		FB		196.0 ()	050.0		
	CAE	CLT	010		IF		FB					
	CAE	BUCKL	020		TF		FB		180.0 ()	040.0		
	CAE	CAE	030		TF		FB		194.2 ()	040.9		
	LILLS	CLT	010		IF		FB					
	LILLS	LILLS	020		TF		FB		111.6 ()	052.6		
	TAY	CLT	010		IF		FB					
	TAY	ANDYS	020		TF		FB		196.0 ()	050.0		
	TAY	TREAL	030		TF		FB		196.0 ()	079.3		
	TAY	DUNKN	040		TF		FB		204.5 ()	070.6		
	TAY	TAY	050		TF		FB		202.1 ()	093.3		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAE	N335126.09	W0810314.05	N3351.435	W08103.234
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	TAY	N303016.70	W0823310.45	N3030.278	W08233.174
	ANDYS	N342214.70	W0810837.81	N3422.245	W08108.630
	BUCKL	N343130.13	W0805253.14	N3431.502	W08052.886
	DUNKN	N315841.86	W0815755.58	N3158.698	W08157.926
	LILLS	N345607.59	W0795548.73	N3456.127	W07955.812
	TREAL	N330410.94	W0812627.80	N3304.182	W08126.463
	RW04R	N352433.51	W0800923.36	N3524.559	W08009.389
	RW22L	N352516.85	W0800843.20	N3525.281	W08008.720

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04R	00609	39
	RW22L	00577	40

QUALITY
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CHECKED