

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PLMTO	TWO	PLMTO2.PLMTO	ONE	25 AUG 11	

TYPE: SID RNAV

DP ROUTE DESCRIPTION:

CHARLESTON AFB/INTL:

TAKEOFF RWY 3: CLIMB HEADING 031.40 TO 560 MSL, THEN RIGHT TURN DIRECT LOIRN, THEN ON DEPICTED ROUTE TO PLMTO, THENCE...

TAKEOFF RWY 15: CLIMB HEADING 154.41 TO 560 MSL, THEN LEFT TURN DIRECT JAYLN, THEN ON DEPICTED ROUTE TO PLMTO, THENCE...

TAKEOFF RWY 21: CLIMB HEADING 211.41 TO 560 MSL, THEN LEFT TURN DIRECT JAYLN, THEN ON DEPICTED ROUTE TO PLMTO, THENCE...

TAKEOFF RWY 33: CLIMB HEADING 334.42 TO 560 MSL, THEN RIGHT TURN DIRECT LOIRN, THEN ON DEPICTED ROUTE TO PLMTO, THENCE...

...ON ASSIGNED TRANSITION, MAINTAIN 4000. EXPECT CLEARANCE TO FILED ALTITUDE 10 MINTUES 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
BARTL	PLMTO2.BARTL	PLMTO	BARTL	TRACK 035.51	75.32	5000	2100	
GRAND STRAND	PLMTO2.CRE	PLMTO	CRE VORTAC	TRACK 048.41	49.15	5000	2100	
WILMINGTON	PLMTO2.ILM	PLMTO	CRE VORTAC	TRACK 048.41	49.15	5000	2100	
		CRE VORTAC	ILM VORTAC	TRACK 059.52	53.22	5000	3100	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: TRANSPONDER CODE WILL BE ISSUED BY CHARLESTON CLEARANCE DELIVERY.

NOTE: IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC ON INITIAL CONTACT.

NOTE: RNAV 1.

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT: CHS DME MUST BE OPERATIONAL FOR TAKEOFF RWY 15, 21, 33; FLO DME MUST BE OPERATIONAL FOR BARTL AND ILM TRANSITIONS.

NOTE: RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

NOTE: DME/DME/IRU OR GPS REQUIRED.

RWY 15, 33, STANDARD.

RWY 3, 21, STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 560.



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TAKEOFF OBSTACLES NOTES:

CHARLESTON AFB/INTL:

NOTE: RWY3, ELECTRICAL EQUIPMENT, TOWERS, AND TREES BEGINNING 98 FT FROM DER, 409 FT RIGHT OF CENTERLINE, UP TO 104 FT AGL/ 136 FT MSL. TREE 2653 FT FROM DER, 993 FT LEFT OF CENTERLINE, 100 FT AGL/ 139 FT MSL.

NOTE: RWY15, TREES BEGINNING 1297 FT FROM DER, 772 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/ 119 FT MSL.

NOTE: RWY33, TREES BEGINNING 2190 FT FROM DER, 1002 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/ 139 FT MSL. TREES BEGINNING 3061 FT FROM DER, 1284 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/ 144 FT MSL.

CONTROLLING OBSTACLES:

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KCHS 7W EPOCH YEAR 2010.
DME/DME ASSESSMENT: SAT (RNP 2.0).
CHART: TOP ALTITUDE: 4000

AIRPORTS SERVED:

CHARLESTON AFB/INTL

CHARLESTON, SC

COMMUNICATIONS:

ATIS, CLEARANCE DELIVERY, GROUND CONTROL, TOWER, DEPARTURE CONTROL.

FIXES AND/OR NAVAIDS:



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PLMTO	TWO	PLMTO2.PLMTO	ONE	25 AUG 11	

REMARKS:

CLIMB GRADIENTS ESTABLISHED TO SUPPORT MINIMUM DME/DME/IRU RECEPTION ALTITUDES PROVIDED IN RNAV PRO RUNS.

FLIGHT INSPECTED BY:

FLIGHT INSPECTION NOT REQUIRED, GEORGE E. DAVIS, MANAGER

Digitally signed by

AJV-544 **JULIE A MORGAN**
May 04, 2016

06/27/2011

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

MARY MCDONALD

Digitally signed by

MARY MCDONALD

Mar 31, 2016

AJV-5443

03/31/2016

APPROVED BY:

Digitally signed by

GEORGE E. DAVIS

JULIE A MORGAN

May 04, 2016

AJV-544

COORDINATED WITH:

ALPA, AOPA, ATA, NBAA, ZJX, CHS ATCT, CHS APP CON, CHS AMGR.

CHANGES:

1. IN DEPARTURE ROUTE DISCRIPTION CHANGE "VIA" TO "ON"
2. ADDED: CHART: TOP ALTITUDE: 4000

REASONS:

1. 8260.46 DEPARTURE PROCEDURE CRITERIA
2. ATC REQUEST



DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code		Superseded Number		Dated	Effective Date
PLMTO		TWO		PLMTO2.PLMTO		ONE		25 AUG 11	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW03 (AER)	325305.35N/0800244.17W	N	-	-	-	-			
560 MSL		-	-	VA	024.40	-			CG 500 FT/NM TO 560
LOIRN	330041.22N/0794323.38W	Y	FB	DF	-	-			RIGHT TURN
PLMTO	331200.44N/0792229.38W	Y	FB	TF	057.14	20.88			
RW15 (AER)	325446.88N/0800253.23W	N	-	-	-	-			
560 MSL		-	-	VA	147.41	-			
JAYLN	325429.98N/0795328.14W	Y	FB	DF	-	-			LEFT TURN
LOIRN	330041.22N/0794323.38W	Y	FB	TF	053.89	10.49			
PLMTO	331200.44N/0792229.38W	Y	FB	TF	057.14	20.88			
RW21 (AER)	325408.42N/0800210.25W	N	-	-	-	-			
560 MSL		-	-	VA	204.41	-			CG 500 FT/NM TO 560
JAYLN	325429.98N/0795328.14W	Y	FB	DF	-	-			LEFT TURN
LOIRN	330041.22N/0794323.38W	Y	FB	TF	053.89	10.49			
PLMTO	331200.44N/0792229.38W	Y	FB	TF	057.14	20.88			
RW33 (AER)	325331.84N/0800156.38W	N	-	-	-	-			
560 MSL		-	-	VA	327.42	-			
LOIRN	330041.22N/0794323.38W	Y	FB	DF	-	-			RIGHT TURN
PLMTO	331200.44N/0792229.38W	Y	FB	TF	057.14	20.88			
PLMTO	331200.44N/0792229.38W	Y	-	IF	-	-			PLMTO2.BARTL
BARTL	341811.44N/0783905.38W	Y	FB	TF	028.51	75.32			
PLMTO	331200.44N/0792229.38W	Y	-	IF	-	-			PLMTO2.CRE
CRE VORTAC	334849.86N/0784328.32W	Y	FB	TF	041.41	49.15			
PLMTO	331200.44N/0792229.38W	Y	-	IF	-	-			PLMTO2.ILM
CRE VORTAC	334849.86N/0784328.32W	Y	FB	TF	041.41	49.15			
ILM VORTAC	342105.96N/0775227.76W	Y	FB	TF	052.52	53.22			

QUALITY
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CHECKED