

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PIEPE	THREE	PIEPE3.PIEPE	TWO	12 DEC 2013	30 APRIL 2015

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 9: CLIMB HEADING 090.95 TO 860, THEN CONTINUE CLIMB ON HEADING 090.95, EXPECT VECTORS TO BEBIE, THEN ON DEPICTED ROUTE TO PIEPE, THENCE...
TAKEOFF RWY 18C: CLIMB HEADING 178.01 TO 860, THEN DIRECT GADEC, THEN ON DEPICTED ROUTE TO PIEPE, THENCE...
TAKEOFF RWY 18L: CLIMB HEADING 178.00 TO 860, THEN DIRECT GADEC, THEN ON DEPICTED ROUTE TO PIEPE, THENCE...
TAKEOFF RWY 18R: CLIMB HEADING 177.99 TO 860, THEN DIRECT EMIT, THEN ON DEPICTED ROUTE TO PIEPE, THENCE...
TAKEOFF RWY 27: CLIMB HEADING 270.97 TO 860, THEN CONTINUE CLIMB ON HEADING 270.97, EXPECT VECTORS TO BEBIE, THEN ON DEPICTED ROUTE TO PIEPE, THENCE...
TAKEOFF RWY 36C: CLIMB HEADING 358.01 TO INTERCEPT COURSE 322.54 TO BEEAL, THEN ON DEPICTED ROUTE TO PIEPE, THENCE...
TAKEOFF RWY 36L: CLIMB HEADING 357.99 TO INTERCEPT COURSE 330.06 TO BEEAL, THEN ON DEPICTED ROUTE TO PIEPE, THENCE...
TAKEOFF RWY 36R: CLIMB HEADING 358.00 TO INTERCEPT COURSE 322.58 TO BEEAL, THEN ON DEPICTED ROUTE TO PIEPE, THENCE...

...MAINTAIN 5000. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN TEN (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
IBUFY	PIEPE3.IBUFY	PIEPE	IBUFY	TRACK 185.48	16.93	12100	1600	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: DME/DME/IRU OR GPS REQUIRED. NOTE: RNAV 1. NOTE: TURBOJETS ONLY.
NOTE: TAKEOFF RWY 18L, 18C, 18R, 36L, 36C, 36R - RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.
NOTE: TAKEOFF RWY 9, 27 - RADAR REQUIRED.
NOTE: TRANSPONDER CODE WILL BE ISSUED VIA PDC OR MEMPHIS CLEARANCE DELIVERY.
NOTE: ACCELERATE TO 250 KIAS, IF UNABLE ADVISE ATC.
NOTE: IF UNABLE TO ACCEPT CLIMB RATES, ADVISE ATC ON INITIAL CONTACT.

TAKEOFF MINIMUMS:
RWY 9, 18C, 18L, 18R, 27, 36L, 36C, 36R, STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 860.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 9, LIGHT POLE 1497 FT FROM DER, 799 FT LEFT OF CENTERLINE, 43 FT AGL/342 FT MSL.
NOTE: RWY 18R, VORTAC AND ROD ON POLE BEGINNING 3209 FT FROM DER, 1019 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/412 FT MSL. TREES 3231 FT FROM DER, 1038 FT RIGHT OF CENTERLINE, UP TO 87 FT AGL/406 FT MSL.
NOTE: RWY 27, TREES 4145 FT FROM DER, 1382 FT LEFT OF CENTERLINE, UP TO 112 FT AGL/361 FT MSL.
NOTE: RWY 36C, LIGHT POLE 1948 FT FROM DER, 928 FT RIGHT OF CENTERLINE, 77 FT AGL/336 FT MSL.

CONTROLLING OBSTACLES:

RWY 36C: 617 FT MSL ATC TOWER 350258.68N/0895853.69W.

QUALITY
15
CHECKED
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LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KMEM 1E EPOCH YEAR: 2000. DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: TOP ALTITUDE: 5000

CHART: MEA/MOCA FROM BEBIE TO PIEPE, 9000/1700.

PILOT NAVIGATION AREA:

10 NM ARC CENTERED ON BEBIE (IF), CW

FROM: POINT A (BEARING 140 TO BEBIE)

TO: POINT B (BEARING 230 TO BEBIE)

MINIMUM ALTITUDE - 7800

AIRPORTS SERVED:

MEMPHIS INTL

MEMPHIS, TN

COMMUNICATIONS:

ATIS, CLEARANCE DEL, GROUND CONTROL, TOWER, DEP CON

FIXES AND/OR NAVAIDS:

PRYMD, EMAXE, HOOSE



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REMARKS:

CONTROLLING OBSTACLE FOR RUNWAY 36C IS NOT IN AVNIS DATABASE (SEE 2013-ASO-75-NRA).

REQUIRED EFFECTIVE DATE:
ROUTINE

9/4/13

12/09/2014

COORDINATED WITH: Jan 26, 2015

ATA, ALPA, APA, AOPA, NBAA, ZME, MEM APP CON, MEM ATCT, ARPT MGR

CHANGES:

- 1. ADDED CHART: TOP ALTITUDE: 5000.

REASONS:

- 1. ATC REQUEST.



DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code		Superseded Number		Dated	Effective Date	
PIEPE		THREE	PIEPE3	PIEPE	TWO		12 DEC 2013	30 APRIL 2015	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW09 (AER)	350331.04N/0895908.63W	N	-	-	-	-			
860 MSL		-	-	VA	091.95	-			CG 500 FT/NM TO 860
BEBIE	342800.16N/0900535.16W	-	-	VM	091.95	-			
PIEPE	342219.15N/0900621.77W	Y	FB	DF	-	-			
		Y	FB	TF	186.47	5.71			
RW18C (AER)	350316.54N/0895834.21W	N	-	-	-	-			
860 MSL		-	-	VA	179.01	-			CG 500 FT/NM TO 860
GADEC	345911.38N/0895829.05W	Y	FB	DF	-	-			
EMIT	344153.27N/0895925.66W	Y	FB	TF	182.58	17.29			
BEBIE	342800.16N/0900535.16W	Y	FB	TF	200.17	14.77			
PIEPE	342219.15N/0900621.77W	Y	FB	TF	186.47	5.71			
RW18L (AER)	350255.74N/0895822.63W	N	-	-	-	-			
860 MSL		-	-	VA	179.00	-			CG 500 FT/NM TO 860
GADEC	345911.38N/0895829.05W	Y	FB	DF	-	-			
EMIT	344153.27N/0895925.66W	Y	FB	TF	182.58	17.29			
BEBIE	342800.16N/0900535.16W	Y	FB	TF	200.17	14.77			
PIEPE	342219.15N/0900621.77W	Y	FB	TF	186.47	5.71			
RW18R (AER)	350258.16N/0895914.79W	N	-	-	-	-			
860 MSL		-	-	VA	178.99	-			CG 500 FT/NM TO 860
EMIT	344153.27N/0895925.66W	Y	FB	DF	-	-			
BEBIE	342800.16N/0900535.16W	Y	FB	TF	200.17	14.77			
PIEPE	342219.15N/0900621.77W	Y	FB	TF	186.47	5.71			
RW27 (AER)	350328.01N/0895721.08W	N	-	-	-	-			
860 MSL		-	-	VA	271.97	-			CG 500 FT/NM TO 860
BEBIE	342800.16N/0900535.16W	-	-	VM	271.97	-			
PIEPE	342219.15N/0900621.77W	Y	FB	DF	-	-			
		Y	FB	TF	186.47	5.71			



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PIEPE	THREE		PIEPE3.PIEPE	TWO			12 DEC 2013	30 APRIL 2015	
FIX/NAVAID	C	LAT/LONG	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW36C (AER)	N	350126.58N/0895831.90W	-	-	-	-			
	-	350431.05N/0895835.78W	-	VI	359.01	3.07			CG 500 FT/NM TO 860
BEEAL	Y	350837.23N/0900217.24W	FB	CF	323.54	5.09			RECOMMENDED NAVAID: MEM VORTAC
PRYMD	Y	350848.18N/0900827.62W	FB	TF	272.09	5.07			
EMAXE	Y	350514.52N/0901215.67W	FB	TF	221.27	4.73			
HOOSE	Y	350046.88N/0901140.96W	FB	TF	173.91	4.48			
BEBIE	Y	342800.16N/0900535.16W	FB	TF	171.24	33.11			
PIEPE	Y	342219.15N/0900621.77W	FB	TF	186.47	5.71			
RW36L (AER)	N	350125.98N/0895912.81W	-	-	-	-			
	-	350408.46N/0895916.30W	-	VI	358.99	2.70			CG 500 FT/NM TO 860
BEEAL	Y	350837.23N/0900217.24W	FB	CF	331.06	5.11			RECOMMENDED NAVAID: MEM VORTAC
PRYMD	Y	350848.18N/0900827.62W	FB	TF	272.09	5.07			
EMAXE	Y	350514.52N/0901215.67W	FB	TF	221.27	4.73			
HOOSE	Y	350046.88N/0901140.96W	FB	TF	173.91	4.48			
BEBIE	Y	342800.16N/0900535.16W	FB	TF	171.24	33.11			
PIEPE	Y	342219.15N/0900621.77W	FB	TF	186.47	5.71			
RW36R (AER)	N	350126.74N/0895820.75W	-	-	-	-			
	-	350418.06N/0895824.38W	-	VI	359.00	2.85			CG 500 FT/NM TO 860
BEEAL	Y	350837.23N/0900217.24W	FB	CF	323.58	5.35			RECOMMENDED NAVAID: MEM VORTAC
PRYMD	Y	350848.18N/0900827.62W	FB	TF	272.09	5.07			
EMAXE	Y	350514.52N/0901215.67W	FB	TF	221.27	4.73			
HOOSE	Y	350046.88N/0901140.96W	FB	TF	173.91	4.48			
BEBIE	Y	342800.16N/0900535.16W	FB	TF	171.24	33.11			
PIEPE	Y	342219.15N/0900621.77W	FB	TF	186.47	5.71			
PIEPE	Y	342219.15N/0900621.77W	-	IF	-	-			PIEPE3.IBUFY
IBUFY	Y	340527.95N/0900839.84W	FB	TF	186.48	16.93			