

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GENEH	TWO	GENEH2.GENEH	ONE	05 APR 12	07 MAR 2013

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 9: CLIMB HEADING 090.95, EXPECT VECTORS TO GENEH, THENCE...
TAKEOFF RWY 18L: CLIMB HEADING 178.00 TO INTERCEPT COURSE 159.98 TO RIBZZ, THEN ON DEPICTED ROUTE TO GENEH, THENCE...
TAKEOFF RWY 18C: CLIMB HEADING 178.01 TO INTERCEPT COURSE 156.91 TO RIBZZ, THEN ON DEPICTED ROUTE TO GENEH, THENCE...
TAKEOFF RWY 18R: CLIMB HEADING 177.99 TO INTERCEPT COURSE 145.95 TO RIBZZ, THEN ON DEPICTED ROUTE TO GENEH, THENCE...
TAKEOFF RWY 27: CLIMB HEADING 270.97, EXPECT VECTORS TO GENEH, THENCE...
TAKEOFF RWY 36L: CLIMB HEADING 357.99 TO INTERCEPT COURSE 012.97 TO SLONN, THEN ON DEPICTED ROUTE TO GENEH, THENCE...
TAKEOFF RWY 36C: CLIMB HEADING 358.01 TO INTERCEPT COURSE 009.97 TO SLONN, THEN ON DEPICTED ROUTE TO GENEH, THENCE...
TAKEOFF RWY 36R: CLIMB HEADING 358.00 TO INTERCEPT COURSE 008.99 TO SLONN, THEN ON DEPICTED ROUTE TO GENEH, 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
DANCC	GENEH2.DANCC	GENEH	DANCC	TRACK 57.21	47.00	18000	2100	

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: PROCEDURE AUTHORIZED 0200-0600 LOCAL ONLY.
NOTE: ACCELERATE TO 250 KIAS, IF UNABLE ADVISE ATC.

TAKEOFF MINIMUMS:

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

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 9, NUMEROUS TREES AND LIGHT POLE BEGINNING 1498 FT FROM DER, 800 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/409 FT MSL. NUMEROUS TREES BEGINNING 2193 FT FROM DER, 912 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/419 FT MSL.
NOTE: RWY 18L, NUMEROUS TREES BEGINNING 1218 FT FROM DER, 693 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/459 FT MSL.
NOTE: RWY 18C, NUMEROUS TREES BEGINNING 1430 FT FROM DER, 831 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/459 FT MSL.
NOTE: RWY 18R, POLE, VORTAC, AND NUMEROUS TREES BEGINNING 1904 FT FROM DER, 986 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/449 FT MSL. NUMEROUS TREES BEGINNING 1272 FT FROM DER, 684 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/459 FT MSL.
NOTE: RWY 27, NUMEROUS TREES BEGINNING 2218 FT FROM DER, 875 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/361 FT MSL. NUMEROUS TREES BEGINNING 785 FT FROM DER, 682 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/349 FT MSL.
NOTE: RWY 36C, LIGHT POLE 1949 FT FROM DER, 928 FT RIGHT OF CENTERLINE, 77 FT AGL/336 FT MSL.

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GENEH	TWO	GENEH2.GENEH	ONE	05 APR 12	07 MAR 2013

CONTROLLING OBSTACLES:

RWY 36L: 624 FT MSL ATCT 350258.68N/0895853.69W. **RWY 36C:** 624 FT MSL ATCT 350258.68N/0895853.69W.

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

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

PILOT NAVIGATION AREA:

10 NM ARC CENTERED ON GENEH (IF), CW

FROM: POINT A (BEARING 012 TO GENEH)

TO: POINT B (BEARING 102 TO GENEH)

MINIMUM ALTITUDE - 9000

AIRPORTS SERVED:

MEMPHIS INTL

MEMPHIS, TN

COMMUNICATIONS:

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

FIXES AND/OR NAVAIDS:

HENIR, WRTZ

QUALITY
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DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code		Superseded Number		Dated	Effective Date
GENEH		TWO		GENEH2.GENEH		ONE		05 APR 12	07 MAR 2013
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW09 (AER)	350331.04N/0895908.63W	N	-	-	-	-			
		-	-	VM	091.95	-			CG 500 FT/NM TO 860
GENEH	353125.02N/0892013.03W	Y	FB	DF	-	-			
RW18L (AER)	350255.74N/0895822.63W	N	-	-	-	-			
	345919.35N/0895818.05W	-	-	VI	179.00	3.60			CG 500 FT/NM TO 860. VI/CF PERMITTED.
RIBZZ	345550.46N/0895650.61W	Y	FB	CF	160.98	3.68			RECOMMENDED NAVAID: MEM VORTAC
HENIR	345532.36N/0895025.95W	Y	FB	TF	093.24	5.28			
WRRTZ	345805.90N/0894505.99W	Y	FB	TF	059.74	5.07			
GENEH	353125.02N/0892013.03W	Y	FB	TF	031.37	39.01			
RW18C (AER)	350316.54N/0895834.21W	N	-	-	-	-			
	345910.18N/0895829.04W	-	-	VI	179.01	4.10			CG 500 FT/NM TO 860. VI/CF PERMITTED.
RIBZZ	345550.46N/0895650.61W	Y	FB	CF	157.91	3.59			RECOMMENDED NAVAID: MEM VORTAC
HENIR	345532.36N/0895025.95W	Y	FB	TF	093.24	5.28			
WRRTZ	345805.90N/0894505.99W	Y	FB	TF	059.74	5.07			
GENEH	353125.02N/0892013.03W	Y	FB	TF	031.37	39.01			
RW18R (AER)	350258.16N/0895914.79W	N	-	-	-	-			
	345846.15N/0895909.39W	-	-	VI	178.99	4.19			CG 500 FT/NM TO 860. VI/CF PERMITTED.
RIBZZ	345550.46N/0895650.61W	Y	FB	CF	146.95	3.49			RECOMMENDED NAVAID: MEM VORTAC
HENIR	345532.36N/0895025.95W	Y	FB	TF	093.24	5.28			
WRRTZ	345805.90N/0894505.99W	Y	FB	TF	059.74	5.07			
GENEH	353125.02N/0892013.03W	Y	FB	TF	031.37	39.01			
RW27 (AER)	350328.01N/0895721.08W	N	-	-	-	-			
		-	-	VM	271.97	-			CG 500 FT/NM TO 860
GENEH	353125.02N/0892013.03W	Y	FB	DF	-	-			

DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code			Superseded Number		Dated	Effective Date
GENEH		TWO		GENEH2.GENEH			ONE		05 APR 12	07 MAR 2013
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW36L (AER)	350125.98N/0895912.81W	N	-	-	-	-				
	350410.26N/0895916.34W	-	-	VI	358.99	2.73			CG 500 FT/NM TO 860. VI/CF PERMITTED.	
SLONN	351317.30N/0895630.49W	Y	FB	CF	013.97	9.38			RECOMMENDED NAVAID: MEM VORTAC	
GENEH	353125.02N/0892013.03W	Y	FB	TF	058.45	34.76				
RW36C (AER)	350126.58N/0895831.90W	N	-	-	-	-				
	350427.44N/0895835.70W	-	-	VI	359.01	3.01			CG 500 FT/NM TO 860. VI/CF PERMITTED.	
SLONN	351317.30N/0895630.49W	Y	FB	CF	010.97	8.98			RECOMMENDED NAVAID: MEM VORTAC	
GENEH	353125.02N/0892013.03W	Y	FB	TF	058.45	34.76				
RW36R (AER)	350126.74N/0895820.75W	N	-	-	-	-				
	350425.87N/0895824.54W	-	-	VI	359.00	2.98			CG 500 FT/NM TO 860. VI/CF PERMITTED.	
SLONN	351317.30N/0895630.49W	Y	FB	CF	009.99	8.98			RECOMMENDED NAVAID: MEM VORTAC	
GENEH	353125.02N/0892013.03W	Y	FB	TF	058.45	34.76				
GENEH	353125.02N/0892013.03W	Y	-	IF	-	-			GENEH2.DANCC	
DANCC	355602.64N/0883101.26W	Y	FB	TF	058.21	47.00				

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GENEH (RNAV)	TWO	GENEH2.GENEH	ONE	05 APR 12	07 MAR 2013

ARINC PACKET - 424-18 - SID

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMEMK7DGENEH24RW09	010	0	VM			0910			18000			
SUSAP	KMEMK7DGENEH24RW09	020	GENEHK7EA0EE	010DF									
SUSAP	KMEMK7DGENEH24RW18C	010	0	VI			1780			18000			
SUSAP	KMEMK7DGENEH24RW18C	020	RIBZZK7EA0E	010CF	MEM K7	15970054	15690036D						
SUSAP	KMEMK7DGENEH24RW18C	030	HENIRK7EA0E	010TF			09220053						
SUSAP	KMEMK7DGENEH24RW18C	040	WRRRTZK7EA0E	010TF			05870051						
SUSAP	KMEMK7DGENEH24RW18C	050	GENEHK7EA0EE	010TF			03040390						
SUSAP	KMEMK7DGENEH24RW18L	010	0	VI			1780			18000			
SUSAP	KMEMK7DGENEH24RW18L	020	RIBZZK7EA0E	010CF	MEM K7	15970054	16000037D						
SUSAP	KMEMK7DGENEH24RW18L	030	HENIRK7EA0E	010TF			09220053						
SUSAP	KMEMK7DGENEH24RW18L	040	WRRRTZK7EA0E	010TF			05870051						
SUSAP	KMEMK7DGENEH24RW18L	050	GENEHK7EA0EE	010TF			03040390						
SUSAP	KMEMK7DGENEH24RW18R	010	0	VI			1780			18000			
SUSAP	KMEMK7DGENEH24RW18R	020	RIBZZK7EA0E	010CF	MEM K7	15970054	14600035D						
SUSAP	KMEMK7DGENEH24RW18R	030	HENIRK7EA0E	010TF			09220053						
SUSAP	KMEMK7DGENEH24RW18R	040	WRRRTZK7EA0E	010TF			05870051						
SUSAP	KMEMK7DGENEH24RW18R	050	GENEHK7EA0EE	010TF			03040390						
SUSAP	KMEMK7DGENEH24RW27	010	0	VM			2710			18000			
SUSAP	KMEMK7DGENEH24RW27	020	GENEHK7EA0EE	010DF									
SUSAP	KMEMK7DGENEH24RW36C	010	0	VI			3580			18000			
SUSAP	KMEMK7DGENEH24RW36C	020	SLONNK7EA0E	010CF	MEM K7	0084012501	0000090D						

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GENEH (RNAV)	TWO	GENEH2.GENEH	ONE	05 APR 12	07 MAR 2013

[illegible]

DEPARTURE (DATA RECORD)

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GENEH (RNAV)	TWO	GENEH2.GENEH	ONE	05 APR 12	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		VM		FB		091.0()			
	RW09	GENEH	020		DF		FB	1.0				
	RW18C		010		VI		FB		178.0()			
	RW18C	RIBZZ	020		CF		FB	1.0	156.9()	003.6		
	RW18C	HENIR	030		TF		FB	1.0	092.2()	005.3		
	RW18C	WRR TZ	040		TF		FB	1.0	058.7()	005.1		
	RW18C	GENEH	050		TF		FB	1.0	030.4()	039.0		
	RW18L		010		VI		FB		178.0()			
	RW18L	RIBZZ	020		CF		FB	1.0	160.0()	003.7		
	RW18L	HENIR	030		TF		FB	1.0	092.2()	005.3		
	RW18L	WRR TZ	040		TF		FB	1.0	058.7()	005.1		
	RW18L	GENEH	050		TF		FB	1.0	030.4()	039.0		
	RW18R		010		VI		FB		178.0()			
	RW18R	RIBZZ	020		CF		FB	1.0	146.0()	003.5		
	RW18R	HENIR	030		TF		FB	1.0	092.2()	005.3		
	RW18R	WRR TZ	040		TF		FB	1.0	058.7()	005.1		
	RW18R	GENEH	050		TF		FB	1.0	030.4()	039.0		
	RW27		010		VM		FB		271.0()			
	RW27	GENEH	020		DF		FB	1.0				
	RW36C		010		VI		FB		358.0()			
	RW36C	SLONN	020		CF		FB	1.0	010.0()	009.0		
	RW36C	GENEH	030		TF		FB	1.0	057.5()	034.8		
	RW36L		010		VI		FB		358.0()			
	RW36L	SLONN	020		CF		FB	1.0	013.0()	009.4		
	RW36L	GENEH	030		TF		FB	1.0	057.5()	034.8		
	RW36R		010		VI		FB		358.0()			
	RW36R	SLONN	020		CF		FB	1.0	009.0()	009.0		
	RW36R	GENEH	030		TF		FB	1.0	057.5()	034.8		
	DANCC	GENEH	010		IF		FB					
	DANCC	DANCC	020		TF		FB	1.0	057.2()	047.0		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MEM	N350054.42	W0895859.55	N3500.907	W08958.993
	DANCC	N355602.64	W0883101.26	N3556.044	W08831.021
	GENEH	N353125.02	W0892013.03	N3531.417	W08920.217
	HENIR	N345532.36	W0895025.95	N3455.539	W08950.433
	RIBZZ	N345550.46	W0895650.61	N3455.841	W08956.844
	SLONN	N351317.30	W0895630.49	N3513.288	W08956.508
	WRR TZ	N345805.90	W0894505.99	N3458.098	W08945.100
	RW09	N350331.04	W0895908.63	N3503.517	W08959.144
	RW18C	N350316.54	W0895834.21	N3503.276	W08958.570

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RW18L	N350255.74	W0895822.63	N3502.929	W08958.377
RW18R	N350258.16	W0895914.79	N3502.969	W08959.247
RW27	N350328.01	W0895721.08	N3503.467	W08957.351
RW36C	N350126.58	W0895831.90	N3501.443	W08958.532
RW36L	N350125.98	W0895912.81	N3501.433	W08959.214
RW36R	N350126.74	W0895820.75	N3501.446	W08958.346

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW09	00253	52
RW18C	00271	54
RW18L	00278	60
RW18R	00288	52
RW27	00292	54
RW36C	00341	60
RW36L	00321	59
RW36R	00335	58