

FEDERAL AVIATION ADMINISTRATION

FLIGHT STANDARDS SERVICE

GRAPHIC DEPARTURE PROCEDURES (DP)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated
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DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
BINKY						FOUR	BINKY4.BINKY	THREE	04/30/2015	17 AUG 2017
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV					
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					

DP ROUTE DESCRIPTION:
TAKEOFF RWY 9: CLIMB HEADING 092.95 TO 860, THEN CONTINUE CLIMB ON HEADING 092.95 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS IMABE AT OR ABOVE 5000, THEN ON DEPICTED ROUTE TO BINKY, THENCE...
TAKEOFF RWY 18C: CLIMB HEADING 180.01 TO 860, THEN DIRECT GADEC, THEN ON DEPICTED ROUTE TO BINKY, THENCE...
TAKEOFF RWY 18L: CLIMB HEADING 180.00 TO 860, THEN DIRECT GADEC, THEN ON DEPICTED ROUTE TO BINKY, THENCE...
TAKEOFF RWY 18R: CLIMB HEADING 179.99 TO 860, THEN DIRECT HURTN, THEN ON DEPICTED ROUTE TO BINKY, THENCE...
TAKEOFF RWY 27: CLIMB HEADING 272.97 TO 860, THEN CONTINUE CLIMB ON HEADING 272.97 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS IMABE AT OR ABOVE 5000, THEN ON DEPICTED ROUTE TO BINKY, THENCE...
TAKEOFF RWY 36C: CLIMB HEADING 000.01 TO INTERCEPT COURSE 324.54 TO BEEAL, THEN ON DEPICTED ROUTE TO BINKY, THENCE...
TAKEOFF RWY 36L: CLIMB HEADING 359.99 TO INTERCEPT COURSE 332.01 TO BEEAL, THEN ON DEPICTED ROUTE TO BINKY, THENCE...
TAKEOFF RWY 36R: CLIMB HEADING 360.00 TO INTERCEPT COURSE 324.52 TO BEEAL, THEN ON DEPICTED ROUTE TO BINKY, THENCE...

...MAINTAIN 5000. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN TEN (10) MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
BASBE	BINKY4.BASBE	BINKY	BASBE	TRACK 218.72	2.00	9200	1600	

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

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: 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.



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BINKY	FOUR	BINKY4.BINKY	THREE	04/30/2015	17 AUG 2017

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

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
REFERENCE MAG VAR: KMEM 1W EPOCH YEAR: 2020.
DME/DME ASSESSMENT: SAT (RNP 2.0)
CHART: MEA/MOCA FROM IMABE TO BINKY, 8800/1500.
CHART: TOP ALTITUDE: 5000
CHART MINIMUM CROSSING ALTITUDE AT IMABE (5000).

AIRPORTS SERVED:	AIRPORT NAME	CITY	STATE
	MEMPHIS INTL	MEMPHIS	TN

COMMUNICATIONS:
ATIS, CLNC DEL, GRND CON, TOWER, DEP CON

FIXES AND/OR NAVAIDS:
PRYMD, EMAXE

REMARKS:
THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1F AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.
CATEGORICAL EXCLUSION ISSUED.

FLIGHT INSPECTED BY: *Digitally signed by*
Brent Booker **ROBERT G HAMILTON**
Jun 19, 2017

OFFICE SYMBOL: FICO
DATE: 5/30/17

DEVELOPED BY: *Digitally signed by*
HEIDI SNIDER **ROBERT G HAMILTON**
Jun 19, 2017

OFFICE SYMBOL: AJV-5423
DATE: 03/21/2017

APPROVED BY: *Digitally signed by*
JULIE MORGAN **ROBERT G HAMILTON**
Jun 19, 2017

OFFICE SYMBOL: AJV-5420
DATE:



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Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
BINKY	FOUR	BINKY4.BINKY	THREE	04/30/2015	17 AUG 2017

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:
ZME, MEM APP CON, MEM ATCT, ARPT MGR

- CHANGES - REASONS:
1. REMOVED PNA AT IMABE - ATC REQUEST/PNA NO LONGER APPLICABLE.
 2. ADDED XANDR TO RWY 18C/18L TRANSITIONS - SEPARATION FROM 18R DEPARTURES.
 3. UPDATED DP ROUTE DESCRIPTION RWY 9 FROM CLIMB HEADING 090.95 TO 860, THEN CONTINUE CLIMB ON HEADING 090.95, EXPECT VECTORS TO IMABE, THEN ON DEPICTED ROUTE TO BINKY, THENCE... TO CLIMB HEADING 092.95 TO 860, THEN CONTINUE CLIMB ON HEADING 092.95 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS IMABE AT OR ABOVE 5000, THEN ON DEPICTED ROUTE TO BINKY, THENCE... - ATC REQUEST
 4. UPDATED DP ROUTE DESCRIPTION RWY 27 FROM CLIMB HEADING 270.97 TO 860, THEN CONTINUE CLIMB ON HEADING 270.97, EXPECT VECTORS TO IMABE, THEN ON DEPICTED ROUTE TO BINKY, THENCE... TO CLIMB HEADING 272.97 TO 860, THEN CONTINUE CLIMB ON HEADING 272.97 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS IMABE AT OR ABOVE 5000, THEN ON DEPICTED ROUTE TO BINKY, THENCE... - ATC REQUEST
 5. UPDATED DP ROUTE DESCRIPTION RWY 36L FROM CLIMB HEADING 357.99 TO INTERCEPT COURSE 330.06 TO BEEAL, THEN ON DEPICTED ROUTE TO BINKY, THENCE... TO CLIMB HEADING 359.99 TO INTERCEPT COURSE 332.01 TO BEEAL, THEN ON DEPICTED ROUTE TO BINKY, THENCE... - COURSE INTERCEPT.
 6. UPDATED DP ROUTE DESCRIPTION RWY 36R FROM CLIMB HEADING 358.00 TO INTERCEPT COURSE 322.58 TO BEEAL, THEN ON DEPICTED ROUTE TO BINKY, THENCE... TO CLIMB HEADING 360.00 TO INTERCEPT COURSE 324.52 TO BEEAL, THEN ON DEPICTED ROUTE TO BINKY, THENCE... - COURSE INTERCEPT.
 7. ADDITIONAL FLIGHT DATA; ADDED CHART MINIMUM CROSSING ALTITUDE AT IMABE (5000) - IAW FAA 8260.46F APPENDIX E, PARA 10C CHART MINIMUM CROSSING ALTITUDE.
 8. DP ROUTE DESCRIPTION/TRANSITION UPDATED ALL COURSE/HEADINGS 2 DEGREES - MAG VAR CHANGE FROM 1E/2000 TO 1W/2020.



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FLIGHT STANDARDS SERVICE

DEPARTURE (DATA RECORD)

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	EFFECTIVE DATE
BINKY		FOUR		BINKY4.BINKY		THREE		04/30/2015	17 AUG 2017
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
		-	-	VM	091.95	-			
IMABE	343557.25N/0902232.56W	Y	FB	DF	-	-	AT/ABOVE 5000		
BINKY	343003.94N/0902802.64W	Y	FB	TF	217.73	7.43			
RW 18C (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	-	-			
XANDR	345240.80N/0895820.78W	Y	FB	TF	179.00	6.50			
IMABE	343557.25N/0902232.56W	Y	FB	TF	230.17	26.01	AT/ABOVE 5000		
BINKY	343003.94N/0902802.64W	Y	FB	TF	217.73	7.43			
RW 18L (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	-	-			
XANDR	345240.80N/0895820.78W	Y	FB	TF	179.00	6.50			
IMABE	343557.25N/0902232.56W	Y	FB	TF	230.17	26.01	AT/ABOVE 5000		
BINKY	343003.94N/0902802.64W	Y	FB	TF	217.73	7.43			
RW 18R (AER)	350258.16N/0895914.79W	N	-	-	-	-			
860 MSL	-	-	-	VA	178.99	-			CG 500 FT/NM TO 860

QUALITY

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CHECKED

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DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	EFFECTIVE DATE
BINKY		FOUR		BINKY4.BINKY		THREE		04/30/2015	17 AUG 2017
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
HURTN	345240.27N/0895917.36W	Y	FB	DF	-	-			
IMABE	343557.25N/0902232.56W	Y	FB	TF	229.06	25.41	AT/ABOVE 5000		
BINKY	343003.94N/0902802.64W	Y	FB	TF	217.73	7.43			
RW 27 (AER)	350328.01N/0895721.08W	N	-	-	-	-			
860 MSL	-	-	-	VA	271.97	-			CG 500 FT/NM TO 860
-	-	-	-	VM	271.97	-			
IMABE	343557.25N/0902232.56W	Y	FB	DF	-	-	AT/ABOVE 5000		
BINKY	343003.94N/0902802.64W	Y	FB	TF	217.73	7.43			
RW 36C (AER)	350126.58N/0895831.90W	N	-	-	-	-			
-	350430.77N/0895835.77W	-	-	VI	359.01	3.07			CG 500 FT/NM TO 860
BEEAL	350837.23N/0900217.24W	Y	FB	CF	323.54	5.10			RECOMMENDED NAVAID: MHZ VORTAC
PRYMD	350848.18N/0900827.62W	Y	FB	TF	272.09	5.07			
EMAXE	350514.52N/0901215.67W	Y	FB	TF	221.27	4.73			
IMABE	343557.25N/0902232.56W	Y	FB	TF	196.19	30.44	AT/ABOVE 5000		
BINKY	343003.94N/0902802.64W	Y	FB	TF	217.73	7.43			
RW 36L (AER)	350125.98N/0895912.81W	N	-	-	-	-			
-	350408.72N/0895916.31W	-	-	VI	358.99	2.71			CG 500 FT/NM TO 860
BEEAL	350837.23N/0900217.24W	Y	FB	CF	331.01	5.11			RECOMMENDED NAVAID: MHZ VORTAC
PRYMD	350848.18N/0900827.62W	Y	FB	TF	272.09	5.07			



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BINKY							FOUR	BINKY4.BINKY	THREE	04/30/2015	17 AUG 2017
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
EMAXE	350514.52N/0901215.67W	Y	FB	TF	221.27	4.73					
IMABE	343557.25N/0902232.56W	Y	FB	TF	196.19	30.44	AT/ABOVE 5000				
BINKY	343003.94N/0902802.64W	Y	FB	TF	217.73	7.43					
RW 36R (AER)	350126.74N/0895820.75W	N	-	-	-	-					
-	350418.26N/0895824.38W	-	-	VI	359.00	2.85			CG 500 FT/NM TO 860		
BEEAL	350837.23N/0900217.24W	Y	FB	CF	323.52	5.36			RECOMMENDED NAVAID: MHZ VORTAC		
PRYMD	350848.18N/0900827.62W	Y	FB	TF	272.09	5.07					
EMAXE	350514.52N/0901215.67W	Y	FB	TF	221.27	4.73					
IMABE	343557.25N/0902232.56W	Y	FB	TF	196.19	30.44	AT/ABOVE 5000				
BINKY	343003.94N/0902802.64W	Y	FB	TF	217.73	7.43					
ENROUTE TRANSITION											
BINKY	343003.94N/0902802.64W	Y	-	IF	-	-			BINKY4.BASBE		
BASBE	342828.85N/0902931.45W	N	FB	TF	217.72	2.00					

