

US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**STANDARD TERMINAL ARRIVAL (STAR)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet. MSL. Altitudes are minimum altitudes unless otherwise indicated.

Distances are in nautical miles (NM). Graphic depiction attached.

Arrival Name <b>DIRTY (RNAV)</b>	Number <b>THREE</b>	STAR Computer Code <b>ODF.DIRTY3</b>	Superseded Number <b>TWO</b>	Dated <b>03 APR 2014</b>	Effective Date <b>25 JUN 2015</b>
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
FLASK	FLASK.DIRTY3	FLASK	FLASK						
			AVERY	232.15	104.81	FL180	6300		
			BEBAD	231.22	54.40	FL180	7100		
			ODF VORTAC	230.75	42.00	15000	7100		
MONTEBELLO	MOL.DIRTY3	MOL VOR/DME	MOL VOR/DME						
			FLASK	232.89	78.34	FL180	6400		
			AVERY	232.15	104.81	FL180	6300		
			BEBAD	231.22	54.40	FL180	7100		
			ODF VORTAC	230.75	42.00	15000	7100		
SNOWBIRD	SOT.DIRTY3	SOT VORTAC	SOT VORTAC						
			ODF VORTAC	195.49	66.65	15000	8500		
SPARTANBURG	SPA.DIRTY3	SPA VORTAC	SPA VORTAC						
			ODF VORTAC	258.75	70.63	15000	4600		

ARRIVAL ROUTE DESCRIPTION:

FROM ODF VORTAC ON TRACK 221.85/29.00 TO FLCON (MEA 5000/MOCA 4100), THEN ON TRACK 221.55/16.75 TO DIRTY (MEA 5000), THEN ON TRACK 226.81/9.01 TO HAARY (MEA 5000).

LANDING RWY 08L/R: FROM HAARY ON TRACK 215.76/16.59 TO KILRR (MEA 5000/MOCA 3400), THEN ON TRACK 275.16/7.10 TO GAASS (MEA 5000/MOCA 2400), THEN ON TRACK 275.03/7.75 TO KLOWD (MEA 5000/MOCA 4100), THEN ON TRACK 275.03/6.50 TO REAKS (MEA 5000/MOCA 3400), THEN ON TRACK 274.88/7.59 TO TRAPE (MEA 4000/MOCA 3500), THEN ON TRACK 274.84/5.00 TO SNEVE (MEA 4000), THEN ON TRACK 274.84. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 09L/R, 10: FROM HAARY ON TRACK 215.76/30.22 TO FRYES (MEA 4000/MOCA 3400), THEN ON TRACK 275.00/7.73 TO SHURT (MEA 4000/MOCA 2400), THEN ON TRACK 275.02/5.92 TO STUUF (MEA 4000/MOCA 2300), THEN ON TRACK 274.92/4.91 TO SHELE (MEA 3000/MOCA 2500), THEN ON TRACK 274.92/5.00 TO SUMNR (MEA 3000), THEN ON TRACK 274.92. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 26L: FROM HAARY ON TRACK 183.00/13.00 TO CROSS BAMMM AT/ABOVE 8000 (MEA 5000/MOCA 3400), THEN ON TRACK 207.09/6.97 TO CROSS JIRRI AT/ABOVE 5000 (MEA 5000/MOCA 3100), THEN ON TRACK 275.21/6.07 TO CROSS BOYKN AT/ABOVE 5000 (MEA 5000/MOCA 2500). EXPECT ILS OR LOC TO RWY 26L.

LANDING RWY 26R: FROM HAARY ON TRACK 183.00/13.00 TO CROSS BAMMM AT/ABOVE 8000 (MEA 5000/MOCA 3400), THEN ON TRACK 207.58/6.82 TO CROSS ZELOW AT/ABOVE 5000 (MEA 5000/MOCA 3100), THEN ON TRACK 275.21/5.96 TO CROSS HAINZ AT/ABOVE 5000 (MEA 5000/MOCA 2500). EXPECT ILS OR LOC TO RWY 26R.

LANDING RWY 27L: FROM HAARY ON TRACK 183.00/13.00 TO CROSS BAMMM AT/ABOVE 8000 (MEA 5000/MOCA 3400), THEN ON TRACK 201.00/7.65 TO CROSS SLVAA AT/ABOVE 7000 (MEA 5000/MOCA 3100), THEN ON TRACK 275.22/3.45 TO CROSS ROMMM AT/ABOVE 6000 (MEA 5000/MOCA 2500). EXPECT ILS OR LOC TO RWY 27L.

LANDING RWY 27R: FROM HAARY ON TRACK 183.00/13.00 TO CROSS BAMMM AT/ABOVE 8000 (MEA 5000/MOCA 3400), THEN ON TRACK 197.56/7.37 TO CROSS YOUYU AT/ABOVE 7000 (MEA 5000/MOCA 3100), THEN ON TRACK 275.25/3.45 TO CROSS MMCAP AT/ABOVE 6000 (MEA 5000/MOCA 2300). EXPECT ILS OR LOC TO RWY 27R.

LANDING RWY 28: FROM HAARY ON TRACK 183.00/5.00 TO DOODS (MEA 5000/MOCA 3400), THEN ON TRACK 183.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.



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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
<b>DIRTY (RNAV)</b>	<b>THREE</b>	<b>ODF.DIRTY3</b>	<b>TWO</b>	<b>03 APR 2014</b>	<b>25 JUN 2015</b>

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: TURBOJET AIRCRAFT ONLY.

NOTE: LANDING EAST, EXPECT TO CROSS DIRTY AT 14000; LANDING WEST, EXPECT TO CROSS DIRTY AT 12000 AND AT 250 KIAS.

LANDING EAST: RWY 8L/R: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER SNEVE.

LANDING EAST: RWY 10/9R/L: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER SUMNR.

LANDING WEST: RWY 28: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER DOODS.

NOTE: LANDING EAST: EXPECT RWY 8L. LANDING WEST: RWY 27L, SELECT ROMMM APPROACH TRANSITION. LANDING RWY 26R SELECT HAINZ APPROACH TRANSITION. LANDING RWY 26L  
SELECT BOYKN APPROACH TRANSITION. LANDING RWY 27R SELECT MMCAP APPROACH TRANSITION.FIXES AND/OR HOLDING PATTERNS:CHART HOLDING AT: AVERY: HOLD NE, RT, 232.15 INBOUND, 15 NM LEGS. BEBAD: HOLD NE, RT, 231.22 INBOUND, 15 NM LEGS. ODF VORTAC: HOLD NE, LT, 230.75 INBOUND, 15 NM LEGS. DIRTY:  
HOLD NE, RT, 221.55 INBOUND, 15 NM LEGS. FLCON: HOLD NE, RT, 221.85 INBOUND, 15 NM LEGS.

CHART: ATL VORTAC.

COMMUNICATIONS:

ATLANTA APP CON. ARR ATIS

AIRPORTS SERVED:

HARTSFIELD-JACKSON ATLANTA INTL, ATLANTA, GA

LOST COMMUNICATIONS PROCEDURE:REMARKS:ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0).

REFERENCE MAG VAR: KATL 5W/2015.



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FLIGHT INSPECTED BY:

Date

Signature

03/03/2015

Date

Signature

Date

Signature

**CHANGES:**

- 1). FLASK TRANSITION ADDED.
- 2). MEA LOWERED TO 15000 FROM BEBAD-ODF
- 3). MOCA'S ADDED TO PROCEDURE.
- 4). ADDED NOTES: LANDING EAST: EXPECT RWY 8L. LANDING WEST: RWY 27L, SELECT ROMMM APPROACH TRANSITION. LANDING RWY 26R SELECT HAINZ APPROACH TRANSITION. LANDING RWY 26L SELECT BOYKN APPROACH TRANSITION. LANDING RWY 27R SELECT MMCAPO APPROACH TRANSITION.

**REASONS:**

- 1). DC METROPLEX REQUEST TO ALLOW DEPARTURES IN ZDC ARTCC AIRSPACE TO JOIN KATL DIRTY (RNAV) STAR.
- 2). MEA LOWERED TO 15000 TO MATCH SPA and SOT TRANSITION.
- 3). IAW 7100.9E, APPENDIX D, PARA 2H.
- 4). ATC REQUEST.

04/29/15: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/03/15.

1. ADDED HARD DATE 25 JUN 2015



## US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## STAR (DATA RECORD)

Arrival Name DIRTY (RNAV)		Number THREE		STAR Computer Code ODF.DIRTY3		Superseded Number TWO		Dated 03 APR 2014	Effective Date 25 JUN 2015
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
FLASK WP	370103.92N / 0801858.62W	Y		IF					FLASK.DIRTY3
AVERY WP	354903.34N / 0815327.77W	Y	FB	TF	227.15	104.81			
BEBAD WP	351111.99N / 0824122.50W	Y	FB	TF	226.22	54.40			
ODF VORTAC	344145.14N / 0831751.58W	Y	FB	TF	225.75	42.00			
En Route Transition									
MOL VOR/DME	375401.89N / 0790624.80W	Y		IF					MOL.DIRTY3
FLASK WP	370103.92N / 0801858.62W	Y	FB	TF	227.89	78.34			
AVERY WP	354903.34N / 0815327.77W	Y	FB	TF	227.15	104.81			
BEBAD WP	351111.99N / 0824122.50W	Y	FB	TF	226.22	54.40			
ODF VORTAC	344145.14N / 0831751.58W	Y	FB	TF	225.75	42.00			
En Route Transition									
SOT VORTAC	354724.36N / 0830308.53W	Y		IF					SOT.DIRTY3
ODF VORTAC	344145.14N / 0831751.58W	Y	FB	TF	190.49	66.65			
En Route Transition									
SPA VORTAC	350201.05N / 0815537.24W	Y		IF					SPA.DIRTY3
ODF VORTAC	344145.14N / 0831751.58W	Y	FB	TF	253.75	70.63			
Common Route									
ODF VORTAC	344145.14N / 0831751.58W	Y		IF					ODF.DIRTY3
FLCON WP	341828.67N / 0833851.38W	Y	FB	TF	216.85	29.00			
DIRTY WP	340459.40N / 0835052.00W	Y	FB	TF	216.55	16.75			
HAARY WP	335815.46N / 0835805.48W	Y	FB	TF	221.81	09.01			
Runway Transition									
HAARY WP	335815.46N / 0835805.48W	Y		IF					
KILRR WP	334357.85N / 0840816.04W	Y	FB	TF	210.76	16.59			

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
GAASS WP	334358.72N / 0841647.05W	Y	FB	TF	270.16	07.10			
KLOWD WP	334358.63N / 0842604.57W	Y	FB	TF	270.03	07.75			
REAKS WP	334358.59N / 0843352.12W	Y	FB	TF	270.03	06.50			
TRAPE WP	334357.33N / 0844258.20W	Y	FB	TF	269.88	07.59			
SNEVE WP	334356.33N / 0844857.91W	Y	FO	TF	269.84	05.00			
KATL:RWY 08L				FM	269.84				RECOMMENDED NAVAID: ATL VORTAC
Runway Transition									
HAARY WP	335815.46N / 0835805.48W	Y		IF					
KILRR WP	334357.85N / 0840816.04W	Y	FB	TF	210.76	16.59			
GAASS WP	334358.72N / 0841647.05W	Y	FB	TF	270.16	07.10			
KLOWD WP	334358.63N / 0842604.57W	Y	FB	TF	270.03	07.75			
REAKS WP	334358.59N / 0843352.12W	Y	FB	TF	270.03	06.50			
TRAPE WP	334357.33N / 0844258.20W	Y	FB	TF	269.88	07.59			
SNEVE WP	334356.33N / 0844857.91W	Y	FO	TF	269.84	05.00			
KATL:RWY 08R				FM	269.84				RECOMMENDED NAVAID: ATL VORTAC
Runway Transition									
HAARY WP	335815.46N / 0835805.48W	Y		IF					
FRYES WP	333212.96N / 0841634.90W	Y	FB	TF	210.76	30.22			
SHURT WP	333212.63N / 0842549.73W	Y	FB	TF	270.00	07.73			
STUUF WP	333212.53N / 0843254.88W	Y	FB	TF	270.02	05.92			
SHELE WP	333211.96N / 0843847.56W	Y	FB	TF	269.92	04.91			
SUMNR WP	333211.40N / 0844446.46W	Y	FO	TF	269.92	05.00			
KATL:RWY 09L				FM	269.92				RECOMMENDED NAVAID: ATL VORTAC
Runway Transition									
HAARY WP	335815.46N / 0835805.48W	Y		IF					
FRYES WP	333212.96N / 0841634.90W	Y	FB	TF	210.76	30.22			
SHURT WP	333212.63N / 0842549.73W	Y	FB	TF	270.00	07.73			

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## STAR (DATA RECORD)

Arrival Name DIRTY (RNAV)		Number THREE		STAR Computer Code ODF.DIRTY3		Superseded Number TWO		Dated 03 APR 2014	Effective Date 25 JUN 2015
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
STUUF WP	333212.53N / 0843254.88W	Y	FB	TF	270.02	05.92			
SHELE WP	333211.96N / 0843847.56W	Y	FB	TF	269.92	04.91			
SUMNR WP	333211.40N / 0844446.46W	Y	FO	TF	269.92	05.00			
KATL:RWY 09R				FM	269.92				RECOMMENDED NAVAID: ATL VORTAC
Runway Transition									
HAARY WP	335815.46N / 0835805.48W	Y		IF					
FRYES WP	333212.96N / 0841634.90W	Y	FB	TF	210.76	30.22			
SHURT WP	333212.63N / 0842549.73W	Y	FB	TF	270.00	07.73			
STUUF WP	333212.53N / 0843254.88W	Y	FB	TF	270.02	05.92			
SHELE WP	333211.96N / 0843847.56W	Y	FB	TF	269.92	04.91			
SUMNR WP	333211.40N / 0844446.46W	Y	FO	TF	269.92	05.00			
KATL:RWY 10				FM	269.92				RECOMMENDED NAVAID: ATL VORTAC
Runway Transition									
HAARY WP	335815.46N / 0835805.48W	Y		IF					
BAMMM WP	334514.55N / 0835732.77W	Y	FB	TF	178.00	13.00	AT/ABOVE 8000		
JIRRI WP	333846.41N / 0840041.09W	Y	FB	TF	202.09	06.97	AT/ABOVE 5000		
BOYKN WP	333847.52N / 0840757.35W	Y	FB	TF	270.21	06.07	AT/ABOVE 5000		
KATL:RWY 26L									
Runway Transition									
HAARY WP	335815.46N / 0835805.48W	Y		IF					
BAMMM WP	334514.55N / 0835732.77W	Y	FB	TF	178.00	13.00	AT/ABOVE 8000		
ZELOW WP	333856.25N / 0840040.87W	Y	FB	TF	202.58	06.82	AT/ABOVE 5000		
HAINZ WP	333857.36N / 0840749.23W	Y	FB	TF	270.21	05.96	AT/ABOVE 5000		
KATL:RWY 26R									
Runway Transition									
HAARY WP	335815.46N / 0835805.48W	Y		IF					

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**STAR (DATA RECORD)**

Arrival Name <b>DIRTY (RNAV)</b>	Number <b>THREE</b>	STAR Computer Code <b>ODF.DIRTY3</b>	Superseded Number <b>TWO</b>	Dated <b>03 APR 2014</b>	Effective Date <b>25 JUN 2015</b>
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
BAMMM WP	334514.55N / 0835732.77W	Y	FB	TF	178.00	13.00	AT/ABOVE 8000		
SLVAA WP	333752.25N / 0840004.39W	Y	FB	TF	196.00	07.65	AT/ABOVE 7000		
ROMMM WP	333752.98N / 0840412.30W	Y	FB	TF	270.22	03.45	AT/ABOVE 6000		
<b>KATL:RWY 27L</b>									

<b>Runway Transition</b>									
HAARY WP	335815.46N / 0835805.48W	Y		IF					
BAMMM WP	334514.55N / 0835732.77W	Y	FB	TF	178.00	13.00	AT/ABOVE 8000		
YOUYU WP	333801.95N / 0835928.02W	Y	FB	TF	192.56	07.37	AT/ABOVE 7000		
MMCAP WP	333802.79N / 0840335.94W	Y	FB	TF	270.25	03.45	AT/ABOVE 6000		
<b>KATL:RWY 27R</b>									

<b>Runway Transition</b>									
HAARY WP	335815.46N / 0835805.48W	Y		IF					
DOODS WP	335315.21N / 0835752.88W	Y	FO	TF	178.00	05.00			
KATL:RWY 28				FM	178.00			RECOMMENDED NAVAID: ATL VORTAC	

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