**Group VI aircraft are restricted from using Taxiway Foxtrot east of Ramp 5 North to the west side of Taxiway Charlie.**

**Group VI aircraft are restricted from using Taxiway Lima east of Ramp 5 South to west of Ramp 6 South.**

***Aircraft with wingspan greater than 171' are restricted from using Taxiway Victor.***

ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all twys and rwys.

ANNUAL RATE OF CHANGE

1026

- **ATIS ARR 119.65**
- **DEP 123.55**
- **ATLANTA TOWER**
  - 119.1 254.4 (RWY 08L-26R)
  - 125.325 254.4 (RWY 08R-26L)
  - 119.3 254.4 (RWY 09R-27L)
  - 123.85 254.4 (RWY 09L-27R)
  - 119.5 254.4 (RWY 10-28)

- **CLNC DEL**
  - 121.9 254.4 (RWY 08L-26R, 08R-26L)
  - 121.75 254.4 (RWY 09R-27L, 09R-27L)
  - 121.65 254.4 (RWY 10-28)

- **NON MOVEMENT AREA**

**Landing Aircraft can expect to remain on tower frequency until specifically instructed to contact ground control. Caution: be alert to runway crossing clearances. Readback of all runway holding instructions is required.**
ATLANTA EIGHT DEPARTURE

**TOP ALTITUDE:**
- JETS: 10000
- PROPS: 4000

**TAKEOFF MINIMUMS**
- Rwy 8R: 300-1 or standard with minimum climb of 250’ per NM to 1200, or alternatively with standard takeoff minimums and a normal 200’ per NM climb gradient, takeoff must occur no later than 2000’ prior to DER.
- Rwy 9L: 300-1 or standard with minimum climb of 260’ per NM to 1200.

**NOTE:** RADAR required.
**NOTE:** Monitor tower frequency when advised by ground control.
**NOTE:** Use departure frequency depicted unless otherwise assigned.
**NOTE:** NOISE ABATEMENT DEPARTURE TRACKS (NADTs): Following this procedure minimizes deviation from the idealized track. TURBOJETS ONLY: Anticipate the following NADT no wind heading: RWY 8R heading 070°, RWY 9L heading 110°, RWY 26L heading 290°, RWY 27R heading 250°, RWY 10 heading 110°, RWY 28 heading 250°. ATC will issue a wind corrected heading prior to takeoff. Fly assigned heading at the point instructed by ATC.
**NOTE:** TURBOJETS: Accelerate to 250K immediately until reaching 10000 MSL, if unable, advise ATC.
**TURBOPROPS:** Operate in a manner that will result in the best forward speed and climb rate.

(NOTES CONTINUED ON FOLLOWING PAGE)
(NARRATIVE ON FOLLOWING PAGE)
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWYS 8L, 9R, 10: Climb heading 095°, thence...
TAKEOFF Rwy 8R: Climb heading 095° to 1500, thence...
TAKEOFF Rwy 9L: Climb heading 095° to 1400, thence...
TAKEOFF RWYS 26L, 26R, 28: Climb heading 275°, thence...
TAKEOFF RWYS 27L, 27R: Climb heading 275° to 1527, thence...

Turbojets maintain 10000 (or requested altitude if lower), props maintain 4000.
Expect further clearance to filed altitude 10 minutes after departure. Maintain heading as assigned until vectored to appropriate VOR, airway, or jet route.
Transponder code will be issued via PDC or Atlanta Clearance Delivery.

SPECIAL INSTRUCTIONS: Aircraft at Midfield Ramps will advise Ramp Towers of vector areas prior to pushback. The vector areas are associated with the depicted intersections as follows:

<table>
<thead>
<tr>
<th>INTERSECTION</th>
<th>VECTOR AREA</th>
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<tbody>
<tr>
<td>EAON</td>
<td>EAST-ONE</td>
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<tr>
<td>EATWO</td>
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<td>WEONE</td>
<td>WEST-ONE</td>
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<tr>
<td>WETWO</td>
<td>WEST-TWO</td>
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</tbody>
</table>

NOTE: Upon receipt of ATC clearance (from Atlanta Clearance Delivery), read back only your call sign and transponder code, unless you have a question.

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855’ from DER, 533’ left of centerline, up to 67’ AGL/1048’ MSL.
Rwy 8R: Trees beginning 345’ from DER, 488’ left of centerline, up to 68’ AGL/1013’ MSL.
Tower 4815’ from DER, 1636’ right of centerline, 151’ AGL/1148’ MSL.
Rwy 9L: Communication tower 4808’ from DER, 1727’ left of centerline, 133’ AGL/1129’ MSL.
Pole 4806’ from DER, 1731’ left of centerline, 141’ AGL/1137’ MSL.
Rwy 10: Poles beginning 58’ from DER, 468’ right of centerline, up to 41’ AGL/1016’ MSL.
Rwy 26L: Pole and buildings beginning 1247’ from DER, 751’ left of centerline, up to 66’ AGL/1079’ MSL.
Trees beginning 2797’ from DER, 469’ left of centerline, up to 70’ AGL/1103’ MSL.
Rwy 26R: Pole 531’ from DER, 619’ right of centerline, 36’ AGL/1032’ MSL.
Pole and trees beginning 1749’ from DER, 121’ right of centerline, up to 60’ AGL/1099’ MSL.
Trees beginning 1988’ from DER, 61’ left of centerline, up to 59’ AGL/1097’ MSL.
Trees beginning 2811’ from DER, 748’ left of centerline, up to 69’ AGL/1113’ MSL.
Pole, trees, and towers beginning 3414’ from DER, 109’ right of centerline, up to 101’ AGL/1137’ MSL.
Rwy 27L: Tank 3937’ from DER, 1255’ right of centerline, 103’ AGL/1129’ MSL.
Rwy 27R: Terrain and signs beginning 17’ from DER, 288’ left of centerline, up to 5’ AGL/1024’ MSL.
Pole 1012’ from DER, 729’ right of centerline, 32’ AGL/1046’ MSL.
Agricultural equipment, elevator, tank, tower, and trees beginning 3657’ from DER, 201’ right of centerline, up to 103’ AGL/1141’ MSL.
Rwy 28: Catenary, sign, and trees beginning 1948’ from DER, 770’ left of centerline, up to 63’ AGL/1067’ MSL.
Trees beginning 3157’ from DER, 1209’ left of centerline, up to 85’ AGL/1097’ MSL.
NOTE: Chart not to scale.

N O T E : C h a r t n o t t o s c a l e .

N O T E : A s s i g n e d b y A T C o n l y .
N O T E : T h i s S T A R a p p l i c a b l e t o T u r b o j e t a i r c r a f t o n l y .
N O T E : D M E / D M E / I R U o r G P S r e q u i r e d .
N O T E : R a d a r r e q u i r e d .

Note: Assigned by ATC only.
Note: This STAR applicable to Turbojet aircraft only.
Note: DME/DME/IRU or GPS required.
Note: Radar required.
ARRIVAL ROUTE DESCRIPTION

MEMPHIS TRANSITION (MEM.BNELE1):

NASHVILLE TRANSITION (BNA.BNELE1):

From over CALCO on track 122° to VIKNN, then on track 122° to BNELE, then on track 122° to LYTNG, then on assigned runway transition.

Landing East Rwy 8L: From over LYTNG on track 183° to cross NAVVY at/above 8000, then on track 165° to cross LARI at/above 5000, then on track 095° to cross JAAJJ at/above 5000, expect ILS Rwy 8L approach.

Landing East Rwy 8R: From over LYTNG on track 183° to cross NAVVY at/above 8000, then on track 165° to cross GPEAT at/above 5000, then on track 095° to cross PEARL at/above 5000, expect ILS Rwy 8R approach.

Landing East Rwy 9L: From over LYTNG on track 183° to cross NAVVY at/above 8000, then on track 170° to cross RYENN at/above 7000, then on track 095° to cross AAKAY at/above 6000, expect ILS Rwy 9L approach.

Landing East Rwy 9R: From over LYTNG on track 183° to cross NAVVY at/above 8000, then on track 170° to cross ANDIY at/above 7000, then on track 095° to cross DFINS at/above 6000, expect ILS Rwy 9R approach.

Landing East Rwy 10: From over LYTNG on track 183° to TOMKT, then on track 183°, expect radar vectors to final approach course.

Landing West Rwy 26L/R: From over LYTNG on track 138° to HOGGG, then on track 095° to RAILIN, then on track 095° to KLOWD, then on track 095° to POORS, then on track 095° to KYMMY, then on track 095° to KEAVY, then on track 095°, expect radar vectors to final approach course.

Landing West Rwy 27L/R, 28: From over LYTNG on track 138° to HOGGG, then on track 154° to EAGYL, then on track 095° to SHURT, then on track 095° to SWETE, then on track 095° to KRRIS, then on track 095° to TAAMY, then on track 095°, expect radar vectors to final approach course.
BRAVS NINE DEPARTURE (RNAV)

NOTE: Chart not to scale.

SLAWW (181°)

RIGGZ

SNUFY

WALET

STYLZ

HYZMN

GND CON

CLNC DEL 118.1

ATIS 125.55

GND CON

121.9 254.4 (Rwys BL-26R, BR-26L)

121.75 254.4 (Rwys 9L-27R, 9R-27L)

121.65 254.4 (Rwy 10-28)

ATLANTA TOWER

119.1 254.4 (Rwy BL-26R)

125.325 254.4 (Rwy BR-26L)

119.3 254.4 (Rwy 9R-27L)

123.85 254.4 (Rwy 9L-27R)

119.5 254.4 (Rwy 10-28)

ATLANTA DEP CON

125.7 281.425 (Rwys 8L-26R, 8R-26L)

125.65 281.425 (Rwys 9L-27R, 9R-27L)

125.375 281.425 (Rwy 10-28)

NOTE: If unable to accept climb rate, advise ATC on initial contact.

NOTE: Use departure frequency depicted unless otherwise assigned.

NOTE: For turbojets only.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: RADAR required for non-GPS equipped aircraft.

NOTE: Transponder code will be issued via PDC or Atlanta Clearance Delivery.

NOTE: Aircraft at Midfield Ramps will advise Ramp Towers of Departure SID prior to pushback. Upon receipt of ATC clearance (from ATL Clearance Delivery), read back only your call sign and transponder code, unless you have a question.

NOTE: Accelerate to 250K, if unable, advise ATC.

(NOTES CONTINUED ON FOLLOWING PAGE)

(NARRATIVE ON FOLLOWING PAGE)
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWYS 8L/R: Climb heading 095° to 1527 MSL, then right turn direct SKNNR, then on depicted route to BRAVS, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 9L: Climb heading 095° to intercept course 114° to GRITZ, then on depicted route to BRAVS, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 9R: Climb heading 095° to intercept course 111° to GRITZ, then on depicted route to BRAVS, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 10: Climb heading 095° to intercept course 105° to GRITZ, then on depicted route to BRAVS, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 288° to SNUFY, then on depicted route to BRAVS, maintain 250K until STYLZ (ATC), thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 287° to SNUFY, then on depicted route to BRAVS, maintain 250K until STYLZ (ATC), thence...

TAKEOFF RWYS 27L/R: Climb heading 275° to 1527 MSL, then direct SLAWW, then on depicted route to BRAVS, maintain 250K until STYLZ (ATC), thence...

TAKEOFF RWY 28: Climb heading 275° to intercept course 249° to WLSON, then on depicted route to BRAVS, maintain 250K until ZALLE (ATC), thence...

...Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

WALET TRANSITION (BRAVS9.WALET)

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855’ from DER, 533’ left of centerline, up to 67’ AGL/1048’ MSL.

Rwy 8R: Trees beginning 345’ from DER, 488’ left of centerline, up to 68’ AGL/1013’ MSL.

Rwy 9L: Communication tower 4808’ from DER, 1727’ left of centerline, 133’ AGL/1129’ MSL.

Rwy 9R: Pole 4806’ from DER, 1731’ left of centerline, 141’ AGL/1137’ MSL.

Rwy 10: Poles beginning 58’ from DER, 468’ right of centerline, up to 41’ AGL/1016’ MSL.

Rwy 26L: Pole and buildings beginning 1247’ from DER, 751’ left of centerline, up to 66’ AGL/1079’ MSL.

Rwy 26R: Pole 531’ from DER, 619’ right of centerline, 36’ AGL/1032’ MSL.

Pole and trees beginning 1749’ from DER, 121’ right of centerline, up to 60’ AGL/1099’ MSL.

Trees beginning 1988’ from DER, 61’ left of centerline, up to 59’ AGL/1097’ MSL.

Trees beginning 2811’ from DER, 748’ left of centerline, up to 69’ AGL/1113’ MSL.

Poles, trees, and towers beginning 3414’ from DER, 109’ right of centerline, up to 101’ AGL/1137’ MSL.

Rwy 27L: Tank 3937’ from DER, 1255’ right of centerline, 103’ AGL/1129’ MSL.

Rwy 27R: Terrain and signs beginning 17’ from DER, 288’ left of centerline, up to 5’ AGL/1024’ MSL.

Pole 1012’ from DER, 729’ right of centerline, 32’ AGL/1046’ MSL.

Agricultural equipment, elevator, tank, tower, and trees beginning 3657’ from DER, 201’ right of centerline, up to 103’ AGL/1141’ MSL.

Rwy 28: Catenary, sign, and trees beginning 1948’ from DER, 770’ left of centerline, up to 63’ AGL/1067’ MSL.

Trees beginning 3157’ from DER, 1209’ left of centerline, up to 85’ AGL/1097’ MSL.
NOTE: If unable to accept climb rate, advise ATC on initial contact.

NOTE: Use departure frequency depicted unless otherwise assigned.

NOTE: For turbojets only.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Radar required for non-GPS equipped aircraft.

NOTE: Transponder code will be issued via PDC or Atlanta Clearance Delivery.

NOTE: Aircraft at Midfield Ramps will advise Ramp Towers of departure SID prior to pushback. Upon receipt of ATC clearance (from ATL Clearance Delivery), readback only your call sign and transponder code, unless you have a question.

NOTE: Accelerate to 250K, if unable, advise ATC.
**COKEM NINE DEPARTURE (RNAV)**

**ATIS 125.55**
**CLNC DEL 118.1**
**GND CON**
121.9 254.4 (Rwys 8L-26R, 8R-26L)
121.75 254.4 (Rwys 9L-27R, 9R-27L)
121.65 254.4 (Rwy 10-28)

**ATLANTA TOWER**
119.1 254.4 (Rwy 8L-26R)
125.325 254.4 (Rwy 8R-26L)
119.3 254.4 (Rwy 9R-27L)
123.85 254.4 (Rwy 9L-27R)
119.5 254.4 (Rwy 10-28)

**ATLANTA DEP CON**
125.7 281.425 (Rwys 8L-26R, 8R-26L)
125.65 281.425 (Rwys 9L-27R, 9R-27L)
135.375 281.425 (Rwy 10-28)

**NOTE:** Chart not to scale.

**TOP ALTITUDE:**
10000

**NOTE:** If unable to accept climb rate, advise ATC on initial contact.
**NOTE:** Use departure frequency depicted unless otherwise assigned.
**NOTE:** For turbojets only.
**NOTE:** DME/DME/IRU or GPS required.
**NOTE:** RNAV 1.
**NOTE:** RADAR required for non-GPS equipped aircraft.
**NOTE:** Transponder code will be issued via PDC or Atlanta Clearance Delivery.
**NOTE:** Aircraft at Midfield Ramps will advise Ramp Towers of Departure SID prior to pushback. Upon receipt of ATC clearance (from ATL Clearance Delivery), readback only your call sign and transponder code, unless you have a question.
**NOTE:** Accelerate to 250K, if unable, advise ATC.

**TAKEOFF MINIMUMS**
Rwys 8L/R, 9L/R, 10, 26L/R, 27L/R, 28:
Standard with minimum climb of 500’ per NM to 1527.

**NOTE:** (NOTES CONTINUED ON FOLLOWING PAGE)

**(NARRATIVE ON FOLLOWING PAGE)**
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 8L: Climb heading 095° to intercept course 083° to RONII, then on depicted route to COKEM, maintain 250K until RBEKA (ATC), thence...

TAKEOFF RWY 8R: Climb heading 095° to intercept course 082° to RONII, then on depicted route to COKEM, maintain 250K until RBEKA (ATC), thence...

TAKEOFF RWY 9L/R, 10: Climb heading 095° to 1527 MSL, then direct PICKT, then on depicted route to COKEM, maintain 250K until RBEKA (ATC), thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 300° to MPASS, then on depicted route to COKEM, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 299° to MPASS, then on depicted route to COKEM, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 27L/R: Climb heading 275° to 1527 MSL, then direct CPARK, then on depicted route to COKEM, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 28: Climb heading 275° to 1527 MSL, then right turn direct CPARK, then on depicted route to COKEM, maintain 250K until ZELAN (ATC), thence...

...Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

CARPT TRANSITION (COKEM9.CARPT)

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855’ from DER, 533’ left of centerline, up to 67’ AGL/1048’ MSL.
Rwy 8R: Trees beginning 345’ from DER, 488’ left of centerline, up to 68’ AGL/1013’ MSL.
Tower 4815’ from DER, 1636’ right of centerline, 151’ AGL/1148’ MSL.
Rwy 9L: Communication tower 4808’ from DER, 1727’ left of centerline, 133’ AGL/1129’ MSL.
Pole 4806’ from DER, 1731’ left of centerline, 141’ AGL/1137’ MSL.
Rwy 10: Poles beginning 58’ from DER, 468’ right of centerline, up to 41’ AGL/1016’ MSL.
Rwy 26L: Pole and buildings beginning 1247’ from DER, 751’ left of centerline, up to 66’ AGL/1079’ MSL.
Trees beginning 2797’ from DER, 469’ left of centerline, up to 70’ AGL/1103’ MSL.
Rwy 26R: Pole 531’ from DER, 619’ right of centerline, 36’ AGL/1032’ MSL.
Pole and trees beginning 1749’ from DER, 121’ right of centerline, up to 60’ AGL/1099’ MSL.
Trees beginning 1988’ from DER, 61’ left of centerline, up to 59’ AGL/1097’ MSL.
Trees beginning 2811’ from DER, 748’ left of centerline, up to 69’ AGL/1113’ MSL.
Poles, trees, and towers beginning 3414’ from DER, 109’ right of centerline, up to 101’ AGL/1137’ MSL.
Rwy 27L: Tank 3937’ from DER, 1255’ right of centerline, 103’ AGL/1129’ MSL.
Rwy 27R: Terrain and signs beginning 17’ from DER, 288’ left of centerline, up to 5’ AGL/1024’ MSL.
Pole 1012’ from DER, 729’ right of centerline, 32’ AGL/1046’ MSL.
Agricultural equipment, elevator, tank, tower, and trees beginning 3657’ from DER, 201’ right of centerline, up to 103’ AGL/1141’ MSL.
Rwy 28: Catenary, sign, and trees beginning 1948’ from DER, 770’ left of centerline, up to 63’ AGL/1067’ MSL.
Trees beginning 3157’ from DER, 1209’ left of centerline, up to 85’ AGL/1097’ MSL.
ATIS 125.55
CLNC DEL 118.1
GND CON
121.9 254.4 (Rwy 8L-26R, 8R-26L)
121.75 254.4 (Rwy 9L-27R, 9R-27L)
121.65 254.4 (Rwy 10-28)
ATLANTA TOWER
119.1 254.4 (Rwy 8L-26R)
123.25 254.4 (Rwy 8R-26L)
119.3 254.4 (Rwy 9R-27L)
123.85 254.4 (Rwy 9L-27R)
119.5 254.4 (Rwy 10-28)
ATLANTA DEP CON
125.7 281.425 (Rwy 8L-26R, 8R-26L)
125.65 281.425 (Rwy 9L-27R, 9R-27L)
135.375 281.425 (Rwy 10-28)

NOTE: If unable to accept climb rate, advise ATC on initial contact.
NOTE: Use departure frequency depicted unless otherwise assigned.
NOTE: For turbojets only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: Transponder code will be issued via PDC or Atlanta Clearance Delivery.
NOTE: Aircraft at Midfield Ramps will advise Ramp Towers of Departure SID prior to pushback. Upon receipt of ATC clearance (from ATL Clearance Delivery), readback only your call sign and transponder code, unless you have a question.
NOTE: Accelerate to 250K, if unable, advise ATC.

TAKING MINIMUMS
Rwy 8L/R, 9L/R, 10, 26L/R, 27L/R, 28:
Standard with minimum climb of 500' per NM to 1527.

NOTE: Chart not to scale.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 8L: Climb heading 095° to intercept course 083° to RONII, then on depicted route to DAWGS, thence...

TAKEOFF RWY 8R: Climb heading 095° to intercept course 082° to RONII, then on depicted route to DAWGS, thence...

TAKEOFF RWY 9L/R: Climb heading 095° to 1527 MSL, then direct LIDAS, then on depicted route to DAWGS, thence...

TAKEOFF RWY 10: Climb heading 095° to intercept course 105° to GRITZ, then on depicted route to DAWGS, thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 300° to MPASS, then on depicted route to DAWGS, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 299° to MPASS, then on depicted route to DAWGS, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 27L: Climb heading 275° to intercept course 251° to FUTBL, then on depicted route to DAWGS, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 27R: Climb heading 275° to intercept course 249° to FUTBL, then on depicted route to DAWGS, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 28: Climb heading 275° to intercept course 249° to WLSON, then on depicted route to DAWGS, maintain 250K until ZALLE (ATC), thence...

...Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

SPARTANBURG TRANSITION (DAWGS8.SPA)

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855' from DER, 533' left of centerline, up to 67' AGL/1048' MSL.
Rwy 8R: Trees beginning 345' from DER, 488' left of centerline, up to 68' AGL/1013' MSL.
Tower 4815' from DER, 1636' right of centerline, 151' AGL/1148' MSL.
Rwy 9L: Communication tower 4808' from DER, 1727' left of centerline, 133' AGL/1129' MSL.
Pole 4806' from DER, 1731' left of centerline, 141' AGL/1137' MSL.
Rwy 10: Poles beginning 58' from DER, 468' right of centerline, up to 41' AGL/1016' MSL.
Rwy 26L: Pole and buildings beginning 1247' from DER, 751' left of centerline, up to 66' AGL/1079' MSL.
Trees beginning 2797' from DER, 469' left of centerline, up to 70' AGL/1103' MSL.
Rwy 26R: Pole 531' from DER, 619' right of centerline, 36' AGL/1032' MSL.
Pole and trees beginning 1749' from DER, 121' right of centerline, up to 60' AGL/1099' MSL.
Trees beginning 1988' from DER, 61' left of centerline, up to 59' AGL/1097' MSL.
Trees beginning 2811' from DER, 748' left of centerline, up to 69' AGL/1113' MSL.
Poles, trees, and towers beginning 3414' from DER, 109' right of centerline, up to 101' AGL/1137' MSL.
Rwy 27L: Pole 3937' from DER, 1255' right of centerline, 103' AGL/1129' MSL.
Rwy 27R: Terrain and signs beginning 17' from DER, 288' left of centerline, up to 5' AGL/1024' MSL.
Pole 1012' from DER, 729' right of centerline, 32' AGL/1046' MSL.
Agricultural equipment, elevator, tank, tower, and trees beginning 3657' from DER, 201' right of centerline, up to 103' AGL/1141' MSL.
Rwy 28: Catenary, sign, and trees beginning 1948' from DER, 770' left of centerline, up to 63' AGL/1067' MSL.
Trees beginning 3157' from DER, 1209' left of centerline, up to 85' AGL/1097' MSL.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 8L:  Climb heading 095° to intercept course 083° to RONII, then on depicted route to DAWGS, thence...

TAKEOFF RWY 8R:  Climb heading 095° to intercept course 082° to RONII, then on depicted route to DAWGS, thence...

TAKEOFF RWY 9L/R:  Climb heading 095° to 1527 MSL, then direct LIDAS, then on depicted route to DAWGS, thence...

TAKEOFF RWY 10:  Climb heading 095° to intercept course 105° to GRTTZ, then on depicted route to DAWGS, thence...

TAKEOFF RWY 26L:  Climb heading 275° to intercept course 300° to MPASS, then on depicted route to DAWGS, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 26R:  Climb heading 275° to intercept course 299° to MPASS, then on depicted route to DAWGS, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 27L:  Climb heading 275° to intercept course 251° to FUTBL, then on depicted route to DAWGS, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 27R:  Climb heading 275° to intercept course 249° to FUTBL, then on depicted route to DAWGS, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 28:  Climb heading 275° to intercept course 249° to WLSON, then on depicted route to DAWGS, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 8R:  Climb heading 095° to intercept course 082° to RONII, then on depicted route to DAWGS, thence...

TAKEOFF RWY 10:  Climb heading 095° to intercept course 105° to GRTTZ, then on depicted route to DAWGS, thence...

TAKEOFF RWY 26L:  Climb heading 275° to intercept course 300° to MPASS, then on depicted route to DAWGS, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 26R:  Climb heading 275° to intercept course 299° to MPASS, then on depicted route to DAWGS, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 27L:  Climb heading 275° to intercept course 251° to FUTBL, then on depicted route to DAWGS, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 27R:  Climb heading 275° to intercept course 249° to FUTBL, then on depicted route to DAWGS, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 28:  Climb heading 275° to intercept course 249° to WLSON, then on depicted route to DAWGS, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 8R:  Climb heading 095° to intercept course 082° to RONII, then on depicted route to DAWGS, thence...

TAKEOFF RWY 10:  Climb heading 095° to intercept course 105° to GRTTZ, then on depicted route to DAWGS, thence...

TAKEOFF RWY 26L:  Climb heading 275° to intercept course 300° to MPASS, then on depicted route to DAWGS, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 26R:  Climb heading 275° to intercept course 299° to MPASS, then on depicted route to DAWGS, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 27L:  Climb heading 275° to intercept course 251° to FUTBL, then on depicted route to DAWGS, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 27R:  Climb heading 275° to intercept course 249° to FUTBL, then on depicted route to DAWGS, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 28:  Climb heading 275° to intercept course 249° to WLSON, then on depicted route to DAWGS, maintain 250K until ZALLE (ATC), thence...

...Maintain 10000 (or requested altitude, if lower).  Expect clearance to filed altitude ten minutes after departure.

SPARTANBURG TRANSITION (DAWGS8.SPA)

TAKEOFF OBSTACLE NOTES

Rwy 8L:  Trees beginning 855’ from DER, 533’ left of centerline, up to 67’ AGL/1048’ MSL.

Rwy 8R:  Trees beginning 345’ from DER, 488’ left of centerline, up to 68’ AGL/1013’ MSL.

Rwy 9L:  Communication tower 4808’ from DER, 1727’ left of centerline, 133’ AGL/1129’ MSL.

Rwy 9L:  Pole 4806’ from DER, 1731’ left of centerline, 141’ AGL/1137’ MSL.

Rwy 10:  Poles beginning 58’ from DER, 468’ right of centerline, up to 41’ AGL/1016’ MSL.

Rwy 26L:  Pole and buildings beginning 1247’ from DER, 751’ left of centerline, up to 66’ AGL/1079’ MSL.

Rwy 26R:  Pole 531’ from DER, 619’ right of centerline, 36’ AGL/1032’ MSL.

Rwy 26R:  Pole and trees beginning 1749’ from DER, 121’ right of centerline, up to 60’ AGL/1099’ MSL.

Rwy 26R:  Trees beginning 1988’ from DER, 61’ left of centerline, up to 59’ AGL/1097’ MSL.

Rwy 26R:  Trees beginning 2811’ from DER, 748’ left of centerline, up to 69’ AGL/1113’ MSL.

Rwy 27L:  Pole and trees beginning 2797’ from DER, 469’ left of centerline, up to 70’ AGL/1103’ MSL.

Rwy 26L:  Pole 531’ from DER, 619’ right of centerline, 36’ AGL/1032’ MSL.

Rwy 26R:  Pole and trees beginning 1749’ from DER, 121’ right of centerline, up to 60’ AGL/1099’ MSL.

Rwy 26R:  Trees beginning 1988’ from DER, 61’ left of centerline, up to 59’ AGL/1097’ MSL.

Rwy 26R:  Trees beginning 2811’ from DER, 748’ left of centerline, up to 69’ AGL/1113’ MSL.

Rwy 27L:  Trees, and towers beginning 3414’ from DER, 109’ right of centerline, up to 101’ AGL/1137’ MSL.

Rwy 27L:  Pole and buildings beginning 3937’ from DER, 1255’ right of centerline, 103’ AGL/1129’ MSL.

Rwy 27L:  Terrain and signs beginning 17’ from DER, 288’ left of centerline, up to 5’ AGL/1024’ MSL.

Rwy 27L:  Pole 1012’ from DER, 729’ right of centerline, 32’ AGL/1046’ MSL.

Rwy 27L:  Agricultural equipment, elevator, tank, tower, and trees beginning 3657’ from DER, 201’ right of centerline, up to 103’ AGL/1141’ MSL.

Rwy 28:  Catenary, sign, and trees beginning 1948’ from DER, 770’ left of centerline, up to 63’ AGL/1067’ MSL.

Rwy 28:  Trees beginning 3157’ from DER, 1209’ left of centerline, up to 85’ AGL/1097’ MSL.
**NOTE:** Landing west: Rwy 27L, select ROMMM approach transition.
**NOTE:** Landing Rwy 26R: Select HAINZ approach transition.
**NOTE:** Landing Rwy 26L: Select BOYKN approach transition.
**NOTE:** Landing Rwy 27R: Select MMCP approach transition.
**NOTE:** RADAR required.
**NOTE:** DME/DME/IRU or GPS required.
**NOTE:** Turbojet aircraft only.
**NOTE:** Landing east: Expect Rwy 8L.
From ODF VORTAC on track 222° to FLCON, then on track 222° to DIRTY, then on track 227° to HAARY.

Landing Rwys 8L/R: From HAARY on track 216° to KILRR, then on track 275° to GAASS, then on track 275° to KLOWD, then on track 275° to REAKS, then on track 275° to TRAPE, then on track 275° to SNEVE, then on track 275° to SUMNR, then on track 275°. Expect RADAR vectors to final approach course.

Landing Rwys 9L/R, 10: From HAARY on track 216° to FRYES, then on track 275° to SHURT, then on track 275° to STUUF, then on track 275° to SHELE, then on track 275° to SUMNR, then on track 275°. Expect RADAR vectors to final approach course.

Landing Rwys 26L: From HAARY on track 183° to cross BAMMM at/above 8000, then on track 207° to cross JIRRI at/above 5000, then on track 275° to cross BOYKN at/above 5000. Expect ILS or LOC Rwy 26L.

Landing Rwys 26R: From HAARY on track 183° to cross BAMMM at/above 8000, then on track 208° to cross ZELOW at/above 5000, then on track 275° to cross HAINZ at/above 5000. Expect ILS or LOC Rwy 26R.

Landing Rwys 27L: From HAARY on track 183° to cross BAMMM at/above 8000, then on track 201° to cross SLVAA at/above 7000, then on track 275° to cross ROMMM at/above 6000. Expect ILS or LOC Rwy 27L.

Landing Rwys 27R: From HAARY on track 183° to cross BAMMM at/above 8000, then on track 198° to cross YOUYu at/above 7000, then on track 275° to cross MMCAP at/above 6000. Expect ILS or LOC Rwy 27R.

Landing Rwy 28: From HAARY on track 183° to DOODS, then on track 183°. Expect RADAR vectors to final approach course.

ATLANTA APP CON
127.9 379.9
ATIS
119.65
NOTE:Landing west: Rwy 27L, select ROMMM approach transition.
NOTE:Landing Rwy 26R:
Select HAINZ approach transition.
NOTE:Landing Rwy 26L:
Select BOYKN approach transition.
NOTE:Landing Rwy 27R:
Select MMCAP approach transition.
NOTE:RADAR required.
NOTE:RNAV 1.
NOTE:DME/DME/IRU or GPS required.
NOTE:Turboprop aircraft only.
NOTE:Landing east: Expect Rwy 8L.

Landing East: Rwy 28: Expect RADAR vectors to final approach course after DOODS.

Landing West: Expect 12000 250K

NOTE: Chart not to scale.
ARRIVAL ROUTE DESCRIPTION

CHARLESTON TRANSITION (HVQ.EVULE1):

From over EVULE on track 215° to SMELY, then on assigned runway transition.

Landing East Rwy 8L/R: From over SMELY on track 215° to GAASS, then on track 275° to KLOWD, then on track 275° to REAKS, then on track 275° to TRAPE, then on track 275° to SNEVE, then on track 275°, expect radar vectors to final approach course.

Landing East Rwy 9L/R, 10: From over SMELY on track 203° to FRYES, then on track 275° to SHURT, then on track 275° to STUUF, then on track 275° to SHELE, then on track 275° to SUMNR, then on track 275°, expect radar vectors to final approach course.

Landing West Rwy 26L/R, 27L/R, 28: From over SMELY on track 183° to BBOBB, then on track 183°, expect radar vectors to final approach course.

NOTE: ATC assigned only.
NOTE: This STAR applicable to turbojet aircraft only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: Radar required.

NOTE: Chart not to scale.
Note: Chart not to scale.

Takeoff Minimums
Rwys 8L/R, 9L/R, 10, 26L/R, 27L/R, 28:
Standard with minimum climb of 500’
per NM to 1527.

Zelan
275°
(15)

Klegg
Maintain 250K
until Klegg (ATC).

SNUFY
287°
(9)

HRS HL
095°

St. Anthony
075°

Slaww
275°
095°

Gritz
115°

Wilson
275°
095°

287°
(4)

072°

Zalle
275°
(15)

185°

Hyzmn
275°
095°

111°

114°

114°

105°

Top Altitude:
10000

Notes continued on following page
(Narrative on following page)
ILS or LOC RWY 9R

HARTSFIELD-JACKSON ATLANTA INTL (ATL)

MISSED APPROACH: Climb to 1500 then climbing left turn to 4000 on ATL.

VORTAC R-092 to CONNI INT/ATL 31 then climbing left turn to 4000 on ATL.

Simultaneous approach authorized with Rwy 8L or 8R.

ADF or DME or RADAR required.

Inop table does not apply to sidestep 9L for Cats A and B.

Simultaneous approach authorized with Rwy 8L or 8R.

ATIS
ARR 119.65
DEP 125.55

ATLANTA TOWER
ALL RWYS

ATLANTA
ALL

GND CON
ALL

RADAR REQUIRED

ALTERNATE MISSED APCH FIX

CONN I

AHN 30.2

109-6 AHN

R-235

Chan 33

MISSED APCH FIX

116.9 ATK

R-092

Conn 116

1019

CONNI

ATL 31

\[ \text{MG} \]

\[ \text{ALSF-2} \]

\[ \text{MALSR} \]

\[ \text{AL-26 (FAA)} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]

\[ \text{ILS or LOC RWY 9R} \]

\[ \text{HARTSFIELD-JACKSON ATLANTA INTL (ATL)} \]
**ATIS 125.55**
**CLNC DEL 118.1**
**GND CON**

121.9 254.4 (Rwy 8L-26R, 8R-26L)
121.75 254.4 (Rwy 9L-27R, 9R-27L)
121.65 254.4 (Rwy 10-28)

**ATLANTA TOWER**
119.1 254.4 (Rwy 8L-26R)
125.325 254.4 (Rwy 8R-26L)
119.3 254.4 (Rwy 9R-27L)
123.85 254.4 (Rwy 9L-27R)
119.5 254.4 (Rwy 10-28)

**ATLANTA DEP CON**
125.7 281.425 (Rwy 8L-26R, 8R-26L)
125.65 281.425 (Rwy 9L-27R, 9R-27L)
135.375 281.425 (Rwy 10-28)

**JCKTS NINE DEPARTURE (RNAV)**

**TOP ALTITUDE:**
**10000**

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**NOTE:** If unable to accept climb rate, advise ATC on initial contact.
**NOTE:** Use departure frequency depicted unless otherwise assigned.
**NOTE:** For turbojets only.
**NOTE:** DME/DME/IRU or GPS required.
**NOTE:** RNAV 1.
**NOTE:** RADAR required for non-GPS equipped aircraft.
**NOTE:** Transponder code will be issued via PDC or Atlanta Clearance Delivery.
**NOTE:** Aircraft at Midfield Ramps will advise Ramp Towers of Departure SID prior to pushback. Upon receipt of ATC clearance (from ATL Clearance Delivery), read back only your call sign and transponder code, unless you have a question.
**NOTE:** Accelerate to 250K, if unable, advise ATC.

**TAKEOFF MINIMUMS**
Rwys 8L/R, 9L/R, 10, 26L/R, 27L/R, 28:
Standard with minimum climb of 500’ per NM to 1527.  

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**JCKTS NINE DEPARTURE (RNAV)**
TAKEOFF RWY 8L: Climb heading 095° to intercept course 075° to HRSHL, then on depicted route to JCKTS, maintain 250K until KLEGG (ATC), thence...

TAKEOFF RWY 8R: Climb heading 095° to intercept course 072° to HRSHL, then on depicted route to JCKTS, maintain 250K until KLEGG (ATC), thence...

TAKEOFF RWY 9L: Climb heading 095° to intercept course 114° to GRITZ, then on depicted route to JCKTS, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 9R: Climb heading 095° to intercept course 111° to GRITZ, then on depicted route to JCKTS, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 10: Climb heading 095° to intercept course 105° to GRITZ, then on depicted route to JCKTS, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 288° to SNUFY, then on depicted route to JCKTS, thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 287° to SNUFY, then on depicted route to JCKTS, thence...

TAKEOFF RWY 27L/R: Climb heading 275° to 1527 MSL, then direct SLAWW, then on depicted route to JCKTS, thence...

TAKEOFF RWY 28: Climb heading 275° to intercept course 249° to WLSON, then on depicted route to JCKTS, thence...

...Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

JAMMR TRANSITION (JCKTS9.JAMMR)

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855' from DER, 533' left of centerline, up to 67' AGL/1048' MSL.

Rwy 8R: Trees beginning 345' from DER, 488' left of centerline, up to 68' AGL/1013' MSL.

Rwy 9L: Communication tower 4808' from DER, 1727' left of centerline, 133' AGL/1129' MSL.

Rwy 9R: Pole 4806' from DER, 1731' left of centerline, 141' AGL/1137' MSL.

Rwy 10: Poles beginning 58' from DER, 468' right of centerline, up to 41' AGL/1016' MSL.

Rwy 26L: Pole and buildings beginning 1247' from DER, 751' left of centerline, up to 66' AGL/1079' MSL.

Rwy 26R: Pole 531' from DER, 619' right of centerline, 36' AGL/1032' MSL.

Rwy 26L: Trees beginning 2797' from DER, 469' left of centerline, up to 70' AGL/1103' MSL.

Rwy 26R: Trees beginning 1749' from DER, 121' right of centerline, up to 60' AGL/1099' MSL.

Rwy 27L: Trees beginning 1988' from DER, 61' left of centerline, up to 59' AGL/1097' MSL.

Rwy 27R: Trees beginning 2811' from DER, 748' left of centerline, up to 69' AGL/1113' MSL.

Poles, trees, and towers beginning 3414' from DER, 109' right of centerline, up to 101' AGL/1137' MSL.

Rwy 27L: Tank 3937' from DER, 1255' right of centerline, 103' AGL/1129' MSL.

Rwy 27R: Terrain and signs beginning 17' from DER, 288' left of centerline, up to 5' AGL/1024' MSL.

Pole 1012' from DER, 729' right of centerline, 32' AGL/1046' MSL.

Agricultural equipment, elevator, tank, tower, and trees beginning 3657' from DER, 201' right of centerline, up to 103' AGL/1141' MSL.

Rwy 28: Catenary, sign, and trees beginning 1948' from DER, 770' left of centerline, up to 63' AGL/1067' MSL.

Trees beginning 3157' from DER, 1209' left of centerline, up to 85' AGL/1097' MSL.
**NOTE:** Chart not to scale.

**NOTES CONTINUED ON FOLLOWING PAGE**

**NARRATIVE ON FOLLOWING PAGE**
TAKEOFF ROUTE DESCRIPTION

TAKEOFF RWY 8L: Climb heading 095° to intercept course 075° to HRSHL, then on depicted route to JOGOR, maintain 250K until KLEGG (ATC), thence...

TAKEOFF RWY 8R: Climb heading 095° to intercept course 072° to HRSHL, then on depicted route to JOGOR, maintain 250K until KLEGG (ATC), thence...

TAKEOFF RWY 9L: Climb heading 095° to intercept course 114° to GRITZ, then on depicted route to JOGOR, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 9R: Climb heading 095° to intercept course 111° to GRITZ, then on depicted route to JOGOR, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 10: Climb heading 095° to intercept course 105° to GRITZ, then on depicted route to JOGOR, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 289° to SNUFY, then on depicted route to JOGOR, thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 287° to SNUFY, then on depicted route to JOGOR, thence...

TAKEOFF RWY 27L/R: Climb heading 275° to 1527 MSL, then direct SLAWW, then on depicted route to JOGOR, thence...

TAKEOFF RWY 28: Climb heading 275° to intercept course 249° to WLSON, then on depicted route to JOGOR, thence...

...Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

GARND TRANSITION (JOGOR7.GARND)

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855’ from DER, 533’ left of centerline, up to 67’ AGL/1048’ MSL.

Rwy 8R: Trees beginning 345’ from DER, 488’ left of centerline, up to 68’ AGL/1013’ MSL. Tower 4815’ from DER, 1636’ right of centerline, 151’ AGL/1148’ MSL.

Rwy 9L: Communication tower 4808’ from DER, 1727’ left of centerline, 133’ AGL/1129’ MSL. Pole 4806’ from DER, 1731’ left of centerline, 141’ AGL/1137’ MSL.

Rwy 10: Poles beginning 58’ from DER, 468’ right of centerline, up to 41’ AGL/1016’ MSL.

Rwy 26L: Pole and buildings beginning 1247’ from DER, 751’ left of centerline, up to 66’ AGL/1079’ MSL. Trees beginning 2797’ from DER, 469’ left of centerline, up to 70’ AGL/1103’ MSL.

Rwy 26R: Pole 531’ from DER, 619’ right of centerline, 36’ AGL/1032’ MSL. Pole and trees beginning 1749’ from DER, 121’ right of centerline, up to 60’ AGL/1099’ MSL. Trees beginning 1988’ from DER, 61’ left of centerline, up to 59’ AGL/1097’ MSL. Trees beginning 2811’ from DER, 748’ left of centerline, up to 69’ AGL/1113’ MSL. Poles, trees, and towers beginning 3414’ from DER, 109’ right of centerline, up to 101’ AGL/1137’ MSL.

Rwy 27L: Tank 3937’ from DER, 1255’ right of centerline, 103’ AGL/1129’ MSL.

Rwy 27R: Terrain and signs beginning 17’ from DER, 288’ left of centerline, up to 5’ AGL/1024’ MSL. Pole 1012’ from DER, 729’ right of centerline, 32’ AGL/1046’ MSL. Agricultural equipment, elevator, tank, tower, and trees beginning 3657’ from DER, 201’ right of centerline, up to 103’ AGL/1141’ MSL.

Rwy 28: Catenary, sign, and trees beginning 1948’ from DER, 770’ left of centerline, up to 63’ AGL/1067’ MSL. Trees beginning 3157’ from DER, 1209’ left of centerline, up to 85’ AGL/1097’ MSL.
NOTE: Chart not to scale.

# KOLTT ONE ARRIVAL (RNAV) Transition Routes

## ATLANTA, GEORGIA

### NASHVILLE TRANSITION (BNA.KOLTT1):

- **ATIS**: 127.9 379.9
- **ATIS**: 119.65

### MEMPHIS TRANSITION (MEM.KOLTT1):

- **ATIS**: 119.65

### BOWLING GREEN TRANSITION (BWG.KOLTT1):

- **ATIS**: 127.9 379.9

### ROME TRANSITION (RMG.KOLTT1):

- **ATIS**: 119.65

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**NOTE:** This STAR applicable to Turbojet aircraft only.

**NOTE:** DME/DME/IRU or GPS required.

**NOTE:** RNAV 1.

**NOTE:** Radar required.

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(CONTINUED ON FOLLOWING PAGE)
ARRIVAL ROUTE DESCRIPTION

From over RMG VORTAC on track 138° to ERLIN, then on track 138° to KOLTT, then on assigned runway transition.

Landing East Rwy 8L/R: From over KOLTT on track 138° to TUND, then on track 183° to STRMM, then on track 183°, expect radar vectors to final approach course.

Landing East Rwy 9L: From over KOLTT on track 189° to cross NAVY at/above 8000, then on track 170° to cross RYEN at/above 7000, then on track 095° to cross AAKAY at/above 6000, expect ILS Rwy 9L approach.

Landing East Rwy 9R: From over KOLTT on track 189° to cross NAVY at/above 8000, then on track 170° to cross ANDY at/above 7000, then on track 095° to cross DFIN at/above 6000, expect ILS or LOC Rwy 9R approach.

Landing East Rwy 10: From over KOLTT on track 191° to cross TOMKT at/above 8000, then on track 183° to ALLEI, then on track 183°, expect radar vectors to final approach course.

Landing West Rwy 26L/R: From over KOLTT on track 138° to TUND, then on track 140° to RAII, then on track 095° to KLOWD, then on track 095° to POORS, then on track 095° to KYYY, then on track 095° to KEAVY, then on track 095°, expect radar vectors to final approach course.

Landing West Rwy 27L/R, 28: From over KOLTT on track 138° to TUND, then on track 158° to EAG, then on track 095° to SHURT, then on track 095° SWETE, then on track 095° to KRRIS, then on track 095° to TAAM, then on track 095°, expect radar vectors to final approach course.

NOTE: This STAR applicable to Turbojet aircraft only.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: Radar required.

KEAVY
Landing West Rwy 26L/R:
Expect radar vectors to final approach course after KEAVY.

TAAM
Landing West Rwy 27L/R, 28:
Expect radar vectors to final approach course after TAAM.

NOTE: Chart not to scale.
ARRIVAL ROUTE DESCRIPTION

CROSS CITY TRANSITION (CTY.LGC4): From over CTY VORTAC via CTY R-324 to WYATT INT, then via SZW R-342 and LGC R-163 to LGC VORTAC. Thence.

GREENE COUNTY TRANSITION (GCV.LGC4): From over GCV VORTAC via GCV R-049 and LGC R-235 to LGC VORTAC. Thence.

MERIDIAN TRANSITION (MEI.LGC4): From over MEI VORTAC via MEI R-077 to YARBE INT, then via LGC R-228 to LGC VORTAC. Thence.

MONTGOMERY TRANSITION (MGM.LGC4): From over MGM VORTAC via MGM R-045 and LGC R-228 to LGC VORTAC. Thence.

SEMINOLE TRANSITION (SZW.LGC4): From over SZW VORTAC via SZW R-342 and LGC R-163 to LGC VORTAC. Thence.

CROSS CITY TRANSITION (CTY.LGC4): From over CTY VORTAC via CTY R-324 to WYATT INT, then via SZW R-342 and LGC R-163 to LGC VORTAC. Thence.

GREENE COUNTY TRANSITION (GCV.LGC4): From over GCV VORTAC via GCV R-049 and LGC R-235 to LGC VORTAC. Thence.

MERIDIAN TRANSITION (MEI.LGC4): From over MEI VORTAC via MEI R-077 to YARBE INT, then via LGC R-228 to LGC VORTAC. Thence.

MONTGOMERY TRANSITION (MGM.LGC4): From over MGM VORTAC via MGM R-045 and LGC R-228 to LGC VORTAC. Thence.

SEMINOLE TRANSITION (SZW.LGC4): From over SZW VORTAC via SZW R-342 and LGC R-163 to LGC VORTAC. Thence.

. . . . . . From over LGC VORTAC on R-047 to HONIE INT, then to TROE INT, then via ATL R-233 to ATL VORTAC. Expect radar vectors to final approach course.
NOTE: If unable to accept climb rate, advise ATC on initial contact.
NOTE: Use departure frequency depicted unless otherwise assigned.
NOTE: For turbojets only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: Accelerate to 250K, if unable, advise ATC.

NOTE: Transponder code will be issued via PDC or Atlanta Clearance Delivery.
NOTE: Aircraft at Midfield Ramps will advise Ramp Towers of Departure SID prior to pushback. Upon receipt of ATC clearance (from ATL Clearance Delivery), read back only your call sign and transponder code, unless you have a question.

NOTE: Accelerate to 250K, if unable, advise ATC.

NOTE: Top Altitude: 10000

NOTES CONTINUED ON FOLLOWING PAGE
(NARRATIVE ON FOLLOWING PAGE)
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 8L: Climb heading 095° to intercept course 083° to RONII, then on depicted route to MUNSN, thence...

TAKEOFF RWY 8R: Climb heading 095° to intercept course 082° to RONII, then on depicted route to MUNSN, thence...

TAKEOFF RWY 9L/R: Climb heading 095° to 1527 MSL, then direct LIDAS, then on depicted route to MUNSN, thence...

TAKEOFF RWY 10: Climb heading 095° to intercept course 105° to GRITZ, then on depicted route to MUNSN, thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 300° to MPASS, then on depicted route to MUNSN, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 299° to MPASS, then on depicted route to MUNSN, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 27L: Climb heading 275° to intercept course 251° to FUTBL, then on depicted route to MUNSN, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 27R: Climb heading 275° to intercept course 249° to FUTBL, then on depicted route to MUNSN, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 28: Climb heading 275° to intercept course 249° to WLSON, then on depicted route to MUNSN, maintain 250K until ZALLE (ATC), thence...

...Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

COLLIERS TRANSITION (MUNSN8.IRQ)

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855' from DER, 533' left of centerline, up to 67' AGL/1048' MSL.

Rwy 8R: Trees beginning 345' from DER, 488' left of centerline, up to 68' AGL/1013' MSL. Tower 4815' from DER, 1636' right of centerline, 151' AGL/1148' MSL.

Rwy 9L: Communication tower 4808' from DER, 1727' left of centerline, 133' AGL/1129' MSL. Pole 4806' from DER, 1731' left of centerline, 141' AGL/1137' MSL.

Rwy 9R: Poles beginning 58' from DER, 468' right of centerline, up to 41' AGL/1016' MSL.

Rwy 26L: Pole and buildings beginning 1247' from DER, 751' left of centerline, up to 66' AGL/1079' MSL. Trees beginning 2797' from DER, 469' left of centerline, up to 70' AGL/1103' MSL.

Rwy 26R: Pole 531' from DER, 619' right of centerline, 36' AGL/1032' MSL. Pole and trees beginning 1749' from DER, 121' right of centerline, up to 60' AGL/1099' MSL. Trees beginning 1988' from DER, 61' left of centerline, up to 59' AGL/1097' MSL. Trees beginning 2811' from DER, 748' left of centerline, up to 69' AGL/1113' MSL. Poles, trees, and towers beginning 3414' from DER, 109' right of centerline, up to 101' AGL/1137' MSL.

Rwy 27L: Tank 3937' from DER, 1255' right of centerline, 103' AGL/1129' MSL.

Rwy 27R: Terrain and signs beginning 17' from DER, 288' left of centerline, up to 5' AGL/1024' MSL. Pole 1012' from DER, 729' right of centerline, 32' AGL/1046' MSL. Agricultural equipment, elevator, tank, tower, and trees beginning 3657' from DER, 201' right of centerline, up to 103' AGL/1141' MSL.

Rwy 28: Catenary, sign, and trees beginning 1948' from DER, 770' left of centerline, up to 63' AGL/1067' MSL. Trees beginning 3157' from DER, 1209' left of centerline, up to 85' AGL/1097' MSL.
NOTE: If unable to accept climb rate, advise ATC on initial contact.
NOTE: Use departure frequency depicted unless otherwise assigned.
NOTE: For turbojets only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: Transponder code will be issued via PDC or Atlanta Clearance Delivery.
NOTE: Aircraft at Midfield Ramps will advise Ramp Towers of Departure SID prior to pushback. Upon receipt of ATC clearance (from ATL Clearance Delivery), read back only your call sign and transponder code, unless you have a question.
NOTE: Accelerate to 250K, if unable, advise ATC.

(NOTES CONTINUED ON FOLLOWING PAGE)
(NARRATIVE ON FOLLOWING PAGE)
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 8L: Climb heading 095° to 1527 MSL, then right turn direct SKNNR, then on depicted route to NOVSS, maintain 250K until HYZMN (ATC) thence...

TAKEOFF RWY 8R: Climb heading 095° to 1527 MSL, then right turn direct SKNNR, then on depicted route to NOVSS, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 9L: Climb heading 095° to intercept course 114° to GRITZ, then on depicted route to NOVSS, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 9R: Climb heading 095° to intercept course 111° to GRITZ, then on depicted route to NOVSS, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 10: Climb heading 095° to intercept course 105° to GRITZ, then on depicted route to NOVSS, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 288° to SNUFY, then on depicted route to NOVSS, maintain 250K until STYLZ (ATC), thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 287° to SNUFY, then on depicted route to NOVSS, maintain 250K until STYLZ (ATC), thence...

TAKEOFF RWY 27L/R: Climb heading 275° to 1527 MSL, then direct SLAWW, then on depicted route to NOVSS, maintain 250K until STYLZ (ATC), thence...

TAKEOFF RWY 28: Climb heading 275° to intercept course 249° to WLSON, then on depicted route to NOVSS, maintain 250K until ZALLE (ATC), thence...

Takeoff guidance: Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

SARGE TRANSITION [NOVSS7.SARGE]:

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855' from DER, 533' left of centerline, up to 67' AGL/1048' MSL.

Rwy 8R: Trees beginning 345' from DER, 488' left of centerline, up to 68' AGL/1013' MSL.

Tower 4815' from DER, 1636' right of centerline, 151' AGL/1148' MSL.

Rwy 9L: Communication tower 4808' from DER, 1727' left of centerline, 133' AGL/1129' MSL.

Pole 4806' from DER, 1731' left of centerline, 141' AGL/1137' MSL.

Rwy 10: Poles beginning 58' from DER, 468' right of centerline, up to 41' AGL/1016' MSL.

Rwy 26L: Pole and buildings beginning 1247' from DER, 751' left of centerline, up to 66' AGL/1079' MSL.

Trees beginning 2797' from DER, 469' left of centerline, up to 70' AGL/1103' MSL.

Rwy 26R: Pole 531' from DER, 619' right of centerline, 36' AGL/1032' MSL.

Pole and trees beginning 1749' from DER, 121' right of centerline, up to 60' AGL/1099' MSL.

Trees beginning 1988' from DER, 61' left of centerline, up to 59' AGL/1097' MSL.

Trees beginning 2811' from DER, 748' left of centerline, up to 69' AGL/1113' MSL.

Poles, trees, and towers beginning 3414' from DER, 109' right of centerline, up to 101' AGL/1137' MSL.

Rwy 27L: Tank 3937' from DER, 1255' right of centerline, 103' AGL/1129' MSL.

Rwy 27R: Terrain and signs beginning 17' from DER, 288' left of centerline, up to 5' AGL/1024' MSL.

Pole 1012' from DER, 729' right of centerline, 32' AGL/1046' MSL.

Agricultural equipment, elevator, tank, tower, and trees beginning 3657' from DER, 201' right of centerline, up to 103' AGL/1141' MSL.

Rwy 28: Catenary, sign, and trees beginning 1948' from DER, 770' left of centerline, up to 63' AGL/1067' MSL.

Trees beginning 3157' from DER, 1209' left of centerline, up to 85' AGL/1097' MSL.
NOTE: If unable to accept climb rate, advise ATC on initial contact.
NOTE: Use departure frequency depicted unless otherwise assigned.
NOTE: For turbojets only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: Transponder code will be issued via PDC or Atlanta Clearance Delivery.
NOTE: Aircraft at Midfield Ramps will advise Ramp Towers of Departure SID prior to pushback. Upon receipt of ATC clearance (from ATL Clearance Delivery), readback only your call sign and transponder code, unless you have a question.
NOTE: Accelerate to 250K, if unable, advise ATC.

TAKEOFF MINIMUMS
Rwys 8L/R, 9L/R, 10, 26L/R, 27L/R, 28:
Standard with minimum climb of 500' per NM to 1527.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 28: Climb heading 275° to intercept course 299° to MPASS, then on depicted route to NUGGT, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 27L/R: Climb heading 275° to intercept course 300° to MPASS, then on depicted route to NUGGT, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 299° to MPASS, then on depicted route to NUGGT, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 300° to MPASS, then on depicted route to NUGGT, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 300° to MPASS, then on depicted route to NUGGT, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 300° to MPASS, then on depicted route to NUGGT, maintain 250K until ZELAN (ATC), thence...

...Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

RAFTN TRANSITION (NUGGT9.RAFTN)

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855' from DER, 533' left of centerline, up to 67' AGL/1048' MSL.
Rwy 8R: Trees beginning 345' from DER, 488' left of centerline, up to 68' AGL/1013' MSL. Tower 4815' from DER, 1636' right of centerline, 151' AGL/1148' MSL.
Rwy 9L: Communication tower 4808' from DER, 1727' left of centerline, 133' AGL/1129' MSL.
Rwy 10: Poles beginning 58' from DER, 468' right of centerline, up to 41' AGL/1016' MSL.
Rwy 26L: Pole and buildings beginning 1247' from DER, 751' left of centerline, up to 66' AGL/1079' MSL. Trees beginning 2797' from DER, 469' left of centerline, up to 70' AGL/1103' MSL.
Rwy 26R: Pole 531' from DER, 619' right of centerline, 36' AGL/1032' MSL. Pole and trees beginning 1749' from DER, 121' right of centerline, up to 60' AGL/1099' MSL. Trees beginning 1988' from DER, 61' left of centerline, up to 59' AGL/1097' MSL. Trees beginning 2811' from DER, 748' left of centerline, up to 69' AGL/1113' MSL. Poles, trees, and towers beginning 3414' from DER, 109' right of centerline, up to 101' AGL/1137' MSL.
Rwy 27L: Tank 3937' from DER, 1255' right of centerline, 103' AGL/1129' MSL.
Rwy 27R: Terrain and signs beginning 17' from DER, 288' left of centerline, up to 5' AGL/1024' MSL. Pole 1012' from DER, 729' right of centerline, 32' AGL/1046' MSL. Agricultural equipment, elevator, tank, tower, and trees beginning 3657' from DER, 201' right of centerline, up to 103' AGL/1141' MSL.
Rwy 28: Catenary, sign, and trees beginning 1948' from DER, 770' left of centerline, up to 63' AGL/1067' MSL. Trees beginning 3157' from DER, 1209' left of centerline, up to 85' AGL/1097' MSL.
ARRIVAL ROUTE DESCRIPTION

ALMA TRANSITION (AMG.ONYON1):
CRAWFORD TRANSITION (CRG.ONYON1):
COLUMBIA TRANSITION (CAE.ONYON1):

From over SINCA on track 314° to CANUK, then on track 314° to ONYON, then on assigned runway transition.

Landing East Rwy 8L/R: From over ONYON on track 336° to GAASS, then on track 275° to KLOWD, then on track 275° to REAKS, then on track 275° to TRAPE, then on track 275° to SNEVE, then on track 275°, expect radar vectors to final approach course.

Landing East Rwy 9L/R, 10: From over ONYON on track 314° to FRYES, then on track 275° to SHURT, then on track 275° to STUUF, then on track 275° to SHELE, then on track 275° to SUMNR, then on track 275°, expect radar vectors to final approach course.

Landing West Rwy 26L/R, 27L/R, 28: From over ONYON on track 003° to PEEEL, then on track 003°, expect radar vectors to final approach course.
NOTE: If unable to accept climb rate, advise ATC on initial contact.

NOTE: Use departure frequency depicted unless otherwise assigned.

NOTE: For turbojets only.

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: RADAR required for non-GPS equipped aircraft.

NOTE: Transponder code will be issued via PDC or Atlanta Clearance Delivery.

NOTE: Aircraft at Midfield Ramps advise Ramp Towers of Departure SID prior to pushback. Upon receipt of ATC Clearance (from ATL Clearance Delivery), read back only your call sign and transponder code, unless you have a question.

NOTE: Accelerate to 250K, if unable, advise ATC.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 8L/R: Climb heading 095° to 1527 MSL, then right turn direct SKNNR, then on depicted route to PNUTT, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 9L: Climb heading 095° to intercept course 114° to GRITZ, then on depicted route to PNUTT, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 9R: Climb heading 095° to intercept course 111° to GRITZ, then on depicted route to PNUTT, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 10: Climb heading 095° to intercept course 105° to GRITZ, then on depicted route to PNUTT, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 288° to SNUFY, then on depicted route to PNUTT, maintain 250K until STYLZ (ATC), thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 287° to SNUFY, then on depicted route to PNUTT, maintain 250K until STYLZ (ATC), thence...

TAKEOFF RWY 27L/R: Climb heading 275° to 1527 MSL, then direct SLAWW, then on depicted route to PNUTT, maintain 250K until STYLZ (ATC), thence...

TAKEOFF RWY 28: Climb heading 275° to intercept course 249° to WLSON, then on depicted route to PNUTT, maintain 250K until ZALLE (ATC), thence...

...Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

MACON TRANSITION (PNUTT9.MCN):

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855’ from DER, 533’ left of centerline, up to 67’ AGL/1048’ MSL.

Rwy 8R: Trees beginning 345’ from DER, 488’ left of centerline, up to 68’ AGL/1013’ MSL.

Tower 4815’ from DER, 1636’ right of centerline, 51’ AGL/1148’ MSL.

Rwy 9L: Communication tower 4808’ from DER, 1727’ left of centerline, 133’ AGL/1129’ MSL.

Pole 4806’ from DER, 1731’ left of centerline, 141’ AGL/1137’ MSL.

Rwy 10: Poles beginning 58’ from DER, 468’ right of centerline, up to 41’ AGL/1016’ MSL.

Rwy 26L: Pole and buildings beginning 1247’ from DER, 751’ left of centerline, up to 66’ AGL/1079’ MSL.

Trees beginning 2797’ from DER, 469’ left of centerline, up to 70’ AGL/1103’ MSL.

Rwy 26R: Pole 531’ from DER, 619’ right of centerline, 36’ AGL/1032’ MSL.

Pole and trees beginning 1749’ from DER, 121’ right of centerline, up to 60’ AGL/1099’ MSL.

Trees beginning 1988’ from DER, 61’ left of centerline, up to 59’ AGL/1097’ MSL.

Trees beginning 2811’ from DER, 748’ left of centerline, up to 69’ AGL/1113’ MSL.

Poles, trees, and towers beginning 3414’ from DER, 109’ right of centerline, up to 101’ AGL/1137’ MSL.

Rwy 27L: Tank 3937’ from DER, 1255’ right of centerline, 103’ AGL/1129’ MSL.

Rwy 27R: Terrain and signs beginning 17’ from DER, 288’ left of centerline, up to 5’ AGL/1024’ MSL.

Pole 1012’ from DER, 729’ right of centerline, 32’ AGL/1046’ MSL.

Agricultural equipment, elevator, tank, tower, and trees beginning 3657’ from DER, 201’ right of centerline, up to 103’ AGL/1141’ MSL.

Rwy 28: Catenary, sign, and trees beginning 1948’ from DER, 770’ left of centerline, up to 63’ AGL/1067’ MSL.

Trees beginning 3157’ from DER, 1209’ left of centerline, up to 85’ AGL/1097’ MSL.
NOTE: If unable to accept climb rate, advise ATC on initial contact.
NOTE: Use departure frequency depicted unless otherwise assigned.
NOTE: For turbojets only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: Transponder code will be issued via PDC or Atlanta Clearance Delivery.
NOTE: Aircraft at Midfield Ramps will advise Ramp Towers of Departure SID prior to pushback. Upon receipt of ATC clearance (from ATL Clearance Delivery), read back only your call sign and transponder code, unless you have a question.
NOTE: Accelerate to 250K, if unable, advise ATC.

Takeoff Minimums:
Rwy 8L/R, 9L/R, 10, 26L/R, 27L/R, 28:
Standard with minimum climb of 500’ per NM to 1527.

(Notes continued on following page)
(Narrative on following page)
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 28L: Climb heading 095° to intercept course 075° to HRSHL, then on depicted route to RMBLN, maintain 250K until KLEGG (ATC), thence...

TAKEOFF RWY 28R: Climb heading 095° to intercept course 072° to HRSHL, then on depicted route to RMBLN, maintain 250K until KLEGG (ATC), thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 114° to GRITZ, then on depicted route to RMBLN, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 111° to GRITZ, then on depicted route to RMBLN, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 27L/R: Climb heading 275° to 1527 MSL, then direct SLAWW, then on depicted route to RMBLN, thence...

TAKEOFF RWY 28: Climb heading 275° to intercept course 249° to WLR, then on depicted route to RMBLN, thence...

TAKEOFF RWY 26: Climb heading 275° to intercept course 287° to SNUFY, then on depicted route to RMBLN, thence...

TAKEOFF RWY 27: Climb heading 275° to 1527 MSL, then direct SLAWW, then on depicted route to RMBLN, thence...

TAKEOFF RWY 28: Climb heading 275° to intercept course 249° to WLSON, then on depicted route to RMBLN, thence...

... Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

GADSDEN TRANSITION (RMBLN9.GAD):

TAKEOFF OBSTACLE NOTES

Rwy 28L: Trees beginning 855' from DER, 533' left of centerline, up to 67' AGL/1048' MSL.

Rwy 28R: Trees beginning 345' from DER, 488' left of centerline, up to 68' AGL/1013' MSL.

Rwy 9L: Communication tower 4808' from DER, 1727' left of centerline, 133' AGL/1129' MSL.

Rwy 10: Poles beginning 58' from DER, 468' right of centerline, up to 41' AGL/1016' MSL.

Rwy 26L: Pole and buildings beginning 1247' from DER, 751' left of centerline, up to 66' AGL/1079' MSL.

Rwy 26R: Pole 531' from DER, 619' right of centerline, 36' AGL/1032' MSL.

Rwy 26R: Pole and trees beginning 1749' from DER, 121' right of centerline, up to 60' AGL/1099' MSL.

Rwy 27L: Tank 3937' from DER, 1255' right of centerline, 103' AGL/1129' MSL.

Rwy 27R: Terrain and signs beginning 17' from DER, 288' left of centerline, up to 5' AGL/1024' MSL.

Rwy 28: Catenary, sign, and trees beginning 1948' from DER, 770' left of centerline, up to 63' AGL/1067' MSL.

Trees beginning 3157' from DER, 1209' left of centerline, up to 85' AGL/1097' MSL.
ARRIVAL ROUTE DESCRIPTION

BOWLING GREEN TRANSITION (BWG.RMG5): From over BWG VORTAC via BWG R-175 to DRAKK, then via BNA R-148 and RMG R-326 to RMG VORTAC. Thence. . . .

MEMPHIS TRANSITION (MEM.RMG5): From over MEM VORTAC via MEM R-099 to DEVAC INT, then via RMG R-283 to RMG VORTAC. Thence. . . .

NASHVILLE TRANSITION (BNA.RMG5): From over BNA VORTAC via BNA R-148 and RMG R-326 to RMG VORTAC. Thence. . . .

. . . .From over RMG VORTAC via ATL R-318 to ATL VORTAC. Expect radar vectors to final approach course after DALAS INT.
**ATLANTA APP CON**
127.9 379.9
ATIS 119.65

**ST-26 (FAA)**
HARTSFIELD-JACKSON ATLANTA INTL (ATL)

**RPTOR THREE ARRIVAL (RNAV) Transition Routes**

**HARTSFIELD-JACKSON ATLANTA INTL (ATL)**

**NOTE:** Chart not to scale.

**BOWLING GREEN TRANSITION (BWG.RPTOR3):**
**MEMPHIS TRANSITION (MEM.RPTOR3):**
**NASHVILLE TRANSITION (BNA.RPTOR3):**

(continued on following page)
ARRIVAL ROUTE DESCRIPTION

From over RMG VORTAC on track 138° to cross ERLIN at/above 12000 and at 280K, then on track 164° to cross RPTOR at 10000 and at 240K, then on assigned runway transition.

Landing Rwy 8L: From over RPTOR on track 175° to cross NAVVV at/above 8000, then on track 165° to cross LARI at/above 5000, then on track 095° to cross JAAJJ at/above 5000, expect ILS Rwy 8L approach.

Landing Rwy 8R: From over RPTOR on track 175° to cross NAVVV at/above 8000, then on track 165° to cross GPEAT at/above 5000, then on track 095° to cross PEARI at/above 5000, expect ILS Rwy 8R approach.

Landing Rwy 9L: From over RPTOR on track 175° to cross NAVVV at/above 8000, then on track 170° to cross RYENN at/above 7000, then on track 095° to cross AAKAY at/above 6000, expect ILS Rwy 9L approach.

Landing Rwy 9R: From over RPTOR on track 175° to cross NAVVV at/above 8000, then on track 170° to cross ANDIY at/above 7000, then on track 095° to cross DFINS at/above 6000, expect ILS Rwy 9R approach.

Landing Rwy 10: From over RPTOR on track 177° to ALLEI, then on track 177°, expect radar vectors to final approach course.

NOTE: Assigned by ATC only.
NOTE: This STAR applicable to turbojet aircraft only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: Radar required.

NOTE: Chart not to scale.
ARRIVAL ROUTE DESCRIPTION

ALMA TRANSITION (AMG.SINCA6): From over AMG VORTAC via AMG R-350 to DBN VORTAC, then via DBN R-314 to SINCA INT. Thence. . . .

CECIL TRANSITION (VQQ.SINCA6): From over VQQ VOR via VQQ R-010 to CHESN INT, then via CRG R-336 and DBN R-158 to DBN VORTAC, then via DBN R-314 to SINCA INT. Thence. . . .

COLLIERS TRANSITION (IRQ.SINCA6): From over IRQ VORTAC via IRQ R-247 to SINCA INT. Thence. . . .

CRAG TRANSITION (CRG.SINCA6): From over CRG VORTAC via CRG R-336 and DBN R-158 to DBN VORTAC, then via DBN R-314 to SINCA INT. Thence. . . .

DUBLIN TRANSITION (DBN.SINCA6): From over DBN VORTAC via DBN R-314 to SINCA INT. Thence. . . .

. . . From over SINCA INT via DBN R-314 and ATL R-133 to ATL VORTAC. Expect radar vectors to final approach course after HUSKY INT/ATL 29 DME.

NOTE: Chart not to scale.
ATIS 125.55
CLNC DEL 118.1
GND CON
121.9 254.4 (Rwys 8L-26R, 8R-26L)
121.75 254.4 (Rwys 9L-27R, 9R-27L)
121.65 254.4 (Rwy 10-28)
ATLANTA TOWER
119.1 254.4 (Rwy 8L-26R)
125.325 254.4 (Rwy 8R-26R)
119.3 254.4 (Rwy 9R-27L)
123.85 254.4 (Rwy 9L-27R)
119.5 254.4 (Rwy 10-28)
ATLANTA DEP CON
125.7 281.425 (Rwys 8L-26R, 8R-26L)
125.65 281.425 (Rwys 9L-27R, 9R-27L)
135.375 281.425 (Rwy 10-28)

NOTE: If unable to accept climb rate, advise ATC on initial contact.
NOTE: Use departure frequency depicted unless otherwise assigned.
NOTE: For turbojets only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: Transponder code will be issued via PDC or Atlanta Clearance Delivery.
NOTE: Aircraft at Midfield Ramps will advise Ramp Towers of Departure SID prior to pushback. Upon receipt of ATC clearance (from ATL Clearance Delivery), readback only your call sign and transponder code, unless you have a question.
NOTE: Accelerate to 250K, if unable, advise ATC.

TOP ALTITUDE:
10000

TAKEOFF MINIMUMS
Rwys 8L/R, 9L/R, 10, 26L/R, 27L/R, 28:
Standard with minimum climb of 500' per NM to 1527.

NOTE: Chart not to scale.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 8L: Climb heading 095° to intercept course 083° to RONII, then on depicted route to SUMMIT, maintain 250K until RBEKA (ATC), thence...

TAKEOFF RWY 8R: Climb heading 095° to intercept course 082° to RONII, then on depicted route to SUMMIT, maintain 250K until RBEKA (ATC), thence...

TAKEOFF RWY 9L/R, 10: Climb heading 095° to 1527 MSL, then direct PICKT, then on depicted route to SUMMIT, maintain 250K until RBEKA (ATC), thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 300° to MPASS, then on depicted route to SUMMIT, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 299° to MPASS, then on depicted route to SUMMIT, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 27L/R: Climb heading 275° to 1527 MSL, then direct CPARK, then on depicted route to SUMMIT, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 28: Climb heading 275° to 1527 MSL, then right turn direct CPARK, then on depicted route to SUMMIT, maintain 250K until ZELAN (ATC), thence...

... Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

VOLUNTEER TRANSITION (SUMMT9.VXV)

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855’ from DER, 533’ left of centerline, up to 67’ AGL/1048’ MSL.

Rwy 8R: Trees beginning 345’ from DER, 488’ left of centerline, up to 68’ AGL/1013’ MSL.

Rwy 9L: Communication tower 4808’ from DER, 1727’ left of centerline, 133’ AGL/1129’ MSL.

Rwy 10: Poles beginning 58’ from DER, 468’ right of centerline, up to 41’ AGL/1016’ MSL.

Rwy 26L: Pole and buildings beginning 1247’ from DER, 751’ left of centerline, up to 66’ AGL/1079’ MSL.

Rwy 26R: Pole 531’ from DER, 619’ right of centerline, 36’ AGL/1032’ MSL.

Rwy 27L: Tank 3937’ from DER, 1255’ right of centerline, 103’ AGL/1129’ MSL.

Rwy 27R: Terrain and signs beginning 17’ from DER, 288’ left of centerline, up to 5’ AGL/1024’ MSL.

Rwy 28: Catenary, sign, and trees beginning 1948’ from DER, 770’ left of centerline, up to 63’ AGL/1067’ MSL.

Trees beginning 3157’ from DER, 1209’ left of centerline, up to 85’ AGL/1097’ MSL.
ATIS 125.55
CLNC DEL 118.1
GND CON
121.9  254.4  (Rwys 8L-26R, 8R-26L)
121.75 254.4  (Rwys 9L-27R, 9R-27L)
121.65  254.4  (Rwy 10-28)
ATLANTA TOWER
119.1  254.4  (Rwy 8L-26R)
125.125  254.4  (Rwy 8R-26L)
119.3  254.4  (Rwy 9R-27L)
123.85  254.4  (Rwy 9L-27R)
119.5  254.4  (Rwy 10-28)
ATLANTA DEP CON
125.7  281.425  (Rwys 8L-26R, 8R-26L)
125.65  281.425  (Rwys 9L-27R, 9R-27L)
135.375  281.425  (Rwy 10-28)

NOTE: If unable to accept climb rate, advise ATC on initial contact.
NOTE: Use departure frequency depicted unless otherwise assigned.
NOTE: For turbojets only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: Transponder code will be issued via PDC or Atlanta Clearance Delivery.
NOTE: Aircraft at Midfield Ramps will advise Ramp Towers of Departure SID prior to pushback. Upon receipt of ATC clearance (from ATL Clearance Delivery), read back only your call sign and transponder code, unless you have a question.
NOTE: Accelerate to 250K, if unable, advise ATC.

**THRSR NINE DEPARTURE (RNAV)**

**NOTES CONTINUED ON FOLLOWING PAGE**

**NARRATIVE ON FOLLOWING PAGE**
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 8L/R: Climb heading 095° to 1527 MSL, then right turn direct SKNNR, then on depicted route to THRSR, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 9L: Climb heading 095° to intercept course 114° to GRITZ, then on depicted route to THRSR, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 9R: Climb heading 095° to intercept course 111° to GRITZ, then on depicted route to THRSR, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 10: Climb heading 095° to intercept course 105° to GRITZ, then on depicted route to THRSR, maintain 250K until HYZMN (ATC), thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 288° to SNUFY, then on depicted route to THRSR, maintain 250K until STYLZ (ATC), thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 287° to SNUFY, then on depicted route to THRSR, maintain 250K until STYLZ (ATC), thence...

TAKEOFF RWY 27L/R: Climb heading 275° to 1527 MSL, then direct SLAWW, then on depicted route to THRSR, maintain 250K until STYLZ (ATC), thence...

TAKEOFF RWY 28: Climb heading 275° to intercept course 249° to WLSON, then on depicted route to THRSR, maintain 250K until ZALLE (ATC), thence...

...Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

LUCKK TRANSITION (THRSR9.LUCKK)

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855' from DER, 533' left of centerline, up to 67' AGL/1048' MSL.
Rwy 8R: Trees beginning 345' from DER, 488' left of centerline, up to 68' AGL/1013' MSL. Tower 4815' from DER, 1636' right of centerline, 151' AGL/1148' MSL.
Rwy 9L: Communication tower 4808' from DER, 1727' left of centerline, 133' AGL/1129' MSL. Pole 4806' from DER, 1731' left of centerline, 141' AGL/1137' MSL.
Rwy 10: Poles beginning 58' from DER, 468' right of centerline, up to 41' AGL/1016' MSL.
Rwy 26L: Pole and buildings beginning 1247' from DER, 751' left of centerline, up to 66' AGL/1079' MSL. Trees beginning 2797' from DER, 469' left of centerline, up to 70' AGL/1103' MSL.
Rwy 26R: Pole 531' from DER, 619' right of centerline, 36' AGL/1032' MSL. Pole and trees beginning 1749' from DER, 121' right of centerline, up to 60' AGL/1099' MSL. Trees beginning 1988' from DER, 61' left of centerline, up to 59' AGL/1097' MSL. Trees beginning 2811' from DER, 748' left of centerline, up to 69' AGL/1113' MSL. Poles, trees, and towers beginning 3414' from DER, 109' right of centerline, up to 101' AGL/1137' MSL.
Rwy 27L: Tank 3937' from DER, 1255' right of centerline, 103' AGL/1129' MSL.
Rwy 27R: Terrain and signs beginning 17' from DER, 288' left of centerline, up to 5' AGL/1024' MSL. Pole 1012' from DER, 729' right of centerline, 32' AGL/1046' MSL. Agricultural equipment, elevator, tank, tower, and trees beginning 3657' from DER, 201' right of centerline, up to 103' AGL/1141' MSL.
Rwy 28: Catenary, sign, and trees beginning 1948' from DER, 770' left of centerline, up to 63' AGL/1067' MSL. Trees beginning 3157' from DER, 1209' left of centerline, up to 85' AGL/1097' MSL.
NOTE: If unable to accept climb rate, advise ATC on initial contact.
NOTE: Use departure frequency depicted unless otherwise assigned.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.

NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: Transponder code will be issued via PDC or Atlanta Clearance Delivery.
NOTE: Aircraft at Midfield Ramps will advise Ramp Towers of Departure SID prior to pushback. Upon receipt of ATC clearance (from ATL Clearance Delivery), read back only your call sign and transponder code, unless you have a question.
NOTE: Accelerate to 250K, if unable, advise ATC.

Standards with minimum climb of 500’ per NM to 1527.

NOTE: Chart not to scale.
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 8L: Climb heading 095° to intercept course 083° to RONII, then on depicted route to UGAAA, thence...

TAKEOFF RWY 8R: Climb heading 095° to intercept course 082° to RONII, then on depicted route to UGAAA, thence...

TAKEOFF RWY 9L/R: Climb heading 095° to 1527 MSL, then direct LIDAS, then on depicted route to UGAAA, thence...

TAKEOFF RWY 10: Climb heading 095° to intercept course 105° to GRITZ, then on depicted route to UGAAA, thence...

TAKEOFF RWY 26L: Climb heading 275° to intercept course 300° to MPASS, then on depicted route to UGAAA, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 26R: Climb heading 275° to intercept course 299° to MPASS, then on depicted route to UGAAA, maintain 250K until ZELAN (ATC), thence...

TAKEOFF RWY 27L: Climb heading 275° to intercept course 251° to FUTBL, then on depicted route to UGAAA, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 27R: Climb heading 275° to intercept course 249° to FUTBL, then on depicted route to UGAAA, maintain 250K until ZALLE (ATC), thence...

TAKEOFF RWY 28: Climb heading 275° to intercept course 249° to WLSON, then on depicted route to UGAAA, maintain 250K until ZALLE (ATC), thence...

...Maintain 10000 (or requested altitude, if lower). Expect clearance to filed altitude ten minutes after departure.

ATHENS TRANSITION (UGAAA6.AHN)

TAKEOFF OBSTACLE NOTES

Rwy 8L: Trees beginning 855’ from DER, 533’ left of centerline, up to 67’ AGL/1048’ MSL.

Rwy 8R: Trees beginning 345’ from DER, 488’ left of centerline, up to 68’ AGL/1013’ MSL. Tower 4815’ from DER, 1636’ right of centerline, 151’ AGL/1148’ MSL.

Rwy 9L: Communication tower 4808’ from DER, 1727’ left of centerline, 133’ AGL/1129’ MSL. Pole 4806’ from DER, 1731’ left of centerline, 141’ AGL/1137’ MSL.

Rwy 10: Poles beginning 58’ from DER, 468’ right of centerline, up to 41’ AGL/1016’ MSL.

Rwy 26L: Pole and buildings beginning 1247’ from DER, 751’ left of centerline, up to 66’ AGL/1079’ MSL. Trees beginning 2797’ from DER, 469’ left of centerline, up to 70’ AGL/1103’ MSL.

Rwy 26R: Pole 531’ from DER, 619’ right of centerline, 36’ AGL/1032’ MSL. Pole and trees beginning 1749’ from DER, 121’ right of centerline, up to 60’ AGL/1099’ MSL. Trees beginning 1988’ from DER, 61’ left of centerline, up to 59’ AGL/1097’ MSL. Trees beginning 2811’ from DER, 748’ left of centerline, up to 69’ AGL/1113’ MSL. Poles, trees, and towers beginning 3414’ from DER, 109’ right of centerline, up to 101’ AGL/1137’ MSL.

Rwy 27L: Tank 3937’ from DER, 1255’ right of centerline, 103’ AGL/1129’ MSL.

Rwy 27R: Terrain and signs beginning 17’ from DER, 288’ left of centerline, up to 5’ AGL/1024’ MSL. Pole 1012’ from DER, 729’ right of centerline, 32’ AGL/1046’ MSL. Agricultural equipment, elevator, tank, tower, and trees beginning 3657’ from DER, 201’ right of centerline, up to 103’ AGL/1141’ MSL.

Rwy 28: Catenary, sign, and trees beginning 1948’ from DER, 770’ left of centerline, up to 63’ AGL/1067’ MSL. Trees beginning 3157’ from DER, 1209’ left of centerline, up to 85’ AGL/1097’ MSL.
Approach course after KEA VY. Expect radar vectors to final approach course after KEAVY.

Landing West: Expect 14000.
Landing East: Expect 12000 250K.

NOTE: This STAR applicable to Turbojet aircraft only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: Radar required.
ARRIVAL ROUTE DESCRIPTION

CROSS CITY TRANSITION (CTY.WARRR1):  
MERIDIAN TRANSITION (MEI.WARRR1):  
MONTGOMERY TRANSITION (MGM.WARRR1):  
PAYTN TRANSITION (PAYTN.WARRR1):  
SEMINOLE TRANSITION (SZW.WARRR1):

From over LGC VORTAC on track 053° to HONIE, then on track 053° to WARRR, then on assigned runway transition.

Landing Rwy East 8L/8R/9L/9R/10: From over WARRR on track 003° to TGGGR, then on track 003°, expect radar vectors to final approach course.
Landing West Rwy 26L/26R: From over WARRR on track 031° to RAIIN, then on track 095° to KLOWD, then on track 095° to POORS, then on track 095° to KYMMY, then on track 095° to KEAVY, then on track 095°, expect radar vectors to final approach course.
Landing West Rwy 27L/27R/28: From over WARRR on track 050° to EAGYL, then on track 095° to SHURT, then on track 095° to SWETE, then on track 095° to KRRIS, then on track 095° to TAAMY, then on track 095°, expect radar vectors to final approach course.
ARRIVAL ROUTE DESCRIPTION

MONTEBELLO TRANSITION (MOL.WHINZ3): From over MOL VOR/DME via MOL R-233 and ODF R-045 to ODF VORTAC. Thence . . .

SNOWBIRD TRANSITION (SOT.WHINZ3): From over SOT VORTAC via SOT R-194 and ODF R-010 to ODF VORTAC. Thence . . .

SPARTANBURG TRANSITION (SPA.WHINZ3): From over SPA VORTAC via SPA R-256 and ODF R-073 to ODF VORTAC. Thence . . .

. . . From over ODF VORTAC via ODF R-217 to RUBIE/ODF 29 DME and ODF R-217 to WHINZ/ODF 46 DME. Then via ATL R-052 to VICTU/ATL 29 DME. Expect RADAR vectors to final approach course after VICTU/ATL 29 DME.