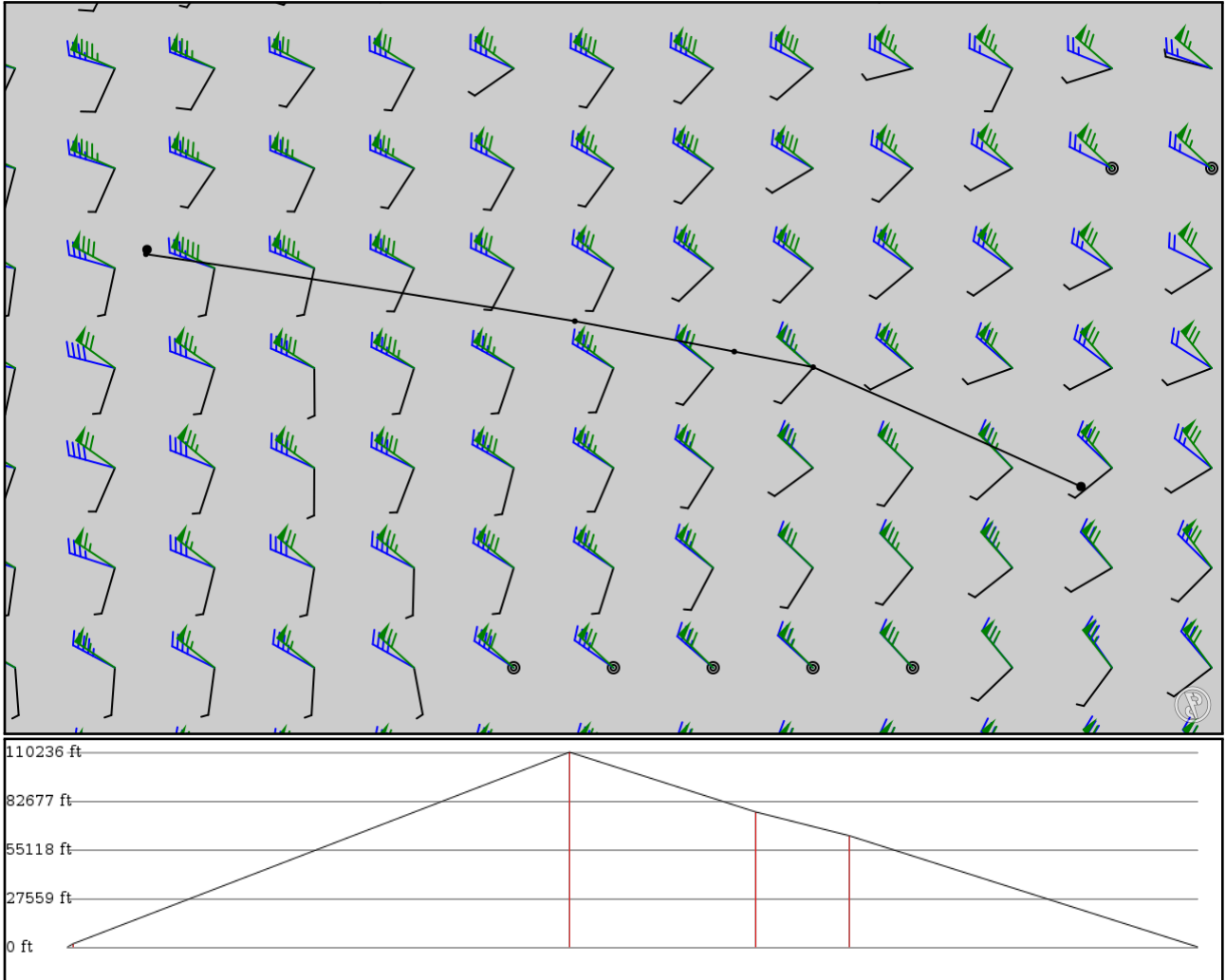


2024/05/04 1459Z

KMEM MEM **J66** CALCO KATL

291.48 nm / 539.81 km



Notes

Basic altitude profile:

- Ascent Rate: 1100ft/min
- Ascent Speed: 150kts
- Cruise Altitude: 12000ft
- Cruise Speed: 200kts
- Descent Rate: 1000ft/min
- Descent Speed: 140kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|---------------|-----------------------|-----------------------|--------------|---------------------------------|
| KMEM APT | - | 35.04267 -89.97663 | 0 ft 0 m | - | MEMPHIS INTL |
| MEM VOR | - | 35.01511 -89.98322 | 600 ft 183 m | 1 | MEMPHIS VORTAC |
| DEVAC FIX | J66 AWY-HI | 34.61808 -87.43517 | 33,600 ft 10,241 m | 127 | - |
| WODDY FIX | J66 AWY-HI | 34.43756 -86.48812 | 23,300 ft 7,102 m | 48 | - |
| CALCO FIX | J66 AWY-HI | 34.34525 -86.01937 | 19,200 ft 5,852 m | 23 | - |
| KATL APT | - | 33.63662 -84.42821 | 0 ft 0 m | 89 | Hartsfield Jackson Atlanta Intl |

KMEM

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 4

Elevation: 340 ft / 104 m
Location: 35.042700 -89.976600
Magnetic Var: 1.978 W

METAR

KMEM 041434Z VRB03KT 8SM BKN012 BKN018 OVC030 22/19 A3002 RMK AO2 T02220194 \$

TAF

KMEM 041124Z 0412/0518 VRB03KT 4SM BR BKN006 BKN018 FM041300 21005KT 6SM BR BKN008 FM041500 22006KT P6SM BKN015 FM

Frequencies

| | |
|---------------------------------------|--------------------------------------|
| REC - 127.75 MHz - D-ATIS | COM - 122.95 MHz - MEMPHIS UNICOM |
| GND - 121.00 MHz - MEMPHIS GROUND | GND - 121.65 MHz - MEMPHIS GROUND |
| GND - 121.90 MHz - MEMPHIS GROUND | TWR - 118.30 MHz - MEMPHIS TOWER |
| TWR - 119.70 MHz - MEMPHIS TOWER | TWR - 128.42 MHz - MEMPHIS TOWER |
| CLD - 125.20 MHz - CLEARANCE DELIVERY | DEP - 124.15 MHz - MEMPHIS DEPARTURE |
| DEP - 124.65 MHz - MEMPHIS DEPARTURE | APP - 119.10 MHz - MEMPHIS APPROACH |
| APP - 125.80 MHz - MEMPHIS APPROACH | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 18R | 150 ft | 9,343 ft | 179.00 | CONCRETE | 0 ft | 404 ft |
| | 46 m | 2,848 m | 180.97 | | 0 m | 123 m |
| 36L | 150 ft | 9,343 ft | 359.00 | CONCRETE | 0 ft | 869 ft |
| | 46 m | 2,848 m | 0.97 | | 0 m | 265 m |
| 18C | 150 ft | 11,148 ft | 179.01 | CONCRETE | 0 ft | 404 ft |
| | 46 m | 3,398 m | 180.99 | | 0 m | 123 m |
| 36C | 150 ft | 11,148 ft | 359.01 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 3,398 m | 0.99 | | 0 m | 122 m |
| 18L | 150 ft | 9,024 ft | 179.01 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 2,750 m | 180.99 | | 0 m | 122 m |
| 36R | 150 ft | 9,024 ft | 359.01 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 2,750 m | 0.99 | | 0 m | 122 m |
| 09 | 150 ft | 8,931 ft | 91.96 | CONCRETE | 0 ft | 397 ft |
| | 46 m | 2,722 m | 93.94 | | 0 m | 121 m |
| 27 | 150 ft | 8,931 ft | 271.98 | CONCRETE | 0 ft | 0 ft |
| | 46 m | 2,722 m | 273.96 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 18L | DME | IEXS | 111.15 MHz | 18 nm | - | - | 341 ft |
| | | | | 33 km | - | | 341 m |
| 36C | DME | ITSE | 110.50 MHz | 18 nm | - | - | 341 ft |
| | | | | 33 km | - | | 341 m |
| 36L | DME | IOHN | 108.90 MHz | 18 nm | - | - | 341 ft |
| | | | | 33 km | - | | 341 m |
| 36R | DME | IMYO | 111.35 MHz | 18 nm | - | - | 341 ft |
| | | | | 33 km | - | | 341 m |
| 09 | LOC-ILS | IMEM | 109.50 MHz | 18 nm | 91.97 | - | 341 ft |
| | | | | 33 km | 93.95 | | 341 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 18C | LOC-ILS | ISDU | 111.95 MHz | 18 nm | 179.01 | - | 341 ft |
| | | | | 33 km | 180.99 | | 341 m |
| 18L | LOC-ILS | IEXS | 111.15 MHz | 18 nm | 179.02 | - | 341 ft |
| | | | | 33 km | 181.00 | | 341 m |
| 18R | LOC-ILS | IOOI | 109.90 MHz | 18 nm | 178.99 | - | 341 ft |
| | | | | 33 km | 180.97 | | 341 m |
| 27 | LOC-ILS | IJIM | 108.70 MHz | 18 nm | 271.97 | - | 341 ft |
| | | | | 33 km | 273.95 | | 341 m |
| 36C | LOC-ILS | ITSE | 110.50 MHz | 18 nm | 359.01 | - | 341 ft |
| | | | | 33 km | 0.99 | | 341 m |
| 36L | LOC-ILS | IOHN | 108.90 MHz | 18 nm | 358.99 | - | 341 ft |
| | | | | 33 km | 0.97 | | 341 m |
| 36R | LOC-ILS | IMYO | 111.35 MHz | 18 nm | 359.02 | - | 341 ft |
| | | | | 33 km | 1.00 | | 341 m |
| 09 | GS | IMEM | 109.50 MHz | 10 nm | 91.97 | 3.00 | 341 ft |
| | | | | 19 km | 93.95 | | 341 m |
| 18C | GS | ISDU | 111.95 MHz | 10 nm | 179.01 | 3.00 | 341 ft |
| | | | | 19 km | 180.99 | | 341 m |
| 18L | GS | IEXS | 111.15 MHz | 10 nm | 179.02 | 3.00 | 341 ft |
| | | | | 19 km | 181.00 | | 341 m |
| 18R | GS | IOOI | 109.90 MHz | 10 nm | 178.99 | 3.00 | 341 ft |
| | | | | 19 km | 180.97 | | 341 m |
| 27 | GS | IJIM | 108.70 MHz | 10 nm | 271.97 | 3.00 | 341 ft |
| | | | | 19 km | 273.95 | | 341 m |
| 36C | GS | ITSE | 110.50 MHz | 10 nm | 359.01 | 3.00 | 341 ft |
| | | | | 19 km | 0.99 | | 341 m |
| 36L | GS | IOHN | 108.90 MHz | 10 nm | 358.99 | 3.00 | 341 ft |
| | | | | 19 km | 0.97 | | 341 m |
| 36R | GS | IMYO | 111.35 MHz | 10 nm | 359.02 | 3.00 | 341 ft |
| | | | | 19 km | 1.00 | | 341 m |

KATL

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 5

Elevation: 1,026 ft / 313 m
Location: 33.636600 -84.428000
Magnetic Var: 5.629 W

METAR

KATL 041352Z COR 00000KT 9SM -RA FEW010 BKN055 BKN080 OVC130 19/17 A3008 RMK A02 RAB46 SLP177 ACC DSNT N-NE P0000 T

TAF

TAF AMD KATL 041354Z 0414/0518 31006KT P6SM VCSH SCT050 BKN080 FM041600 21006KT P6SM BKN040 FM041900 22006KT P6SM

Frequencies

REC - 119.65 MHz - D-ATIS
COM - 122.95 MHz - UNICOM
GND - 121.65 MHz - ATLANTA GROUND
GND - 121.90 MHz - ATLANTA GROUND
TWR - 119.30 MHz - ATLANTA TOWER
TWR - 123.85 MHz - ATLANTA TOWER
APP - 127.90 MHz - ATLANTA APPROACH
DEP - 125.65 MHz - ATLANTA DEPARTURE
DEP - 135.37 MHz - ATLANTA DEPARTURE

REC - 125.55 MHz - D-ATIS
CLD - 118.10 MHz - CLEARANCE DELIVERY
GND - 121.75 MHz - ATLANTA GROUND
TWR - 119.10 MHz - ATLANTA TOWER
TWR - 119.50 MHz - ATLANTA TOWER
TWR - 125.32 MHz - ATLANTA TOWER
APP - 128.00 MHz - ATLANTA APPROACH
DEP - 125.70 MHz - ATLANTA DEPARTURE

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 09L | 151 ft | 12,400 ft | 89.99 | CONCRETE | 0 ft | 0 ft |
| | 46 m | 3,780 m | 95.62 | | 0 m | 0 m |
| 27R | 151 ft | 12,400 ft | 270.01 | CONCRETE | 518 ft | 0 ft |
| | 46 m | 3,780 m | 275.64 | | 158 m | 0 m |
| 09R | 151 ft | 9,008 ft | 89.98 | CONCRETE | 0 ft | 0 ft |
| | 46 m | 2,746 m | 95.60 | | 0 m | 0 m |
| 27L | 151 ft | 9,008 ft | 269.99 | CONCRETE | 0 ft | 0 ft |
| | 46 m | 2,746 m | 275.62 | | 0 m | 0 m |
| 08L | 151 ft | 9,008 ft | 89.98 | CONCRETE | 0 ft | 0 ft |
| | 46 m | 2,746 m | 95.61 | | 0 m | 0 m |
| 26R | 151 ft | 9,008 ft | 269.99 | CONCRETE | 0 ft | 0 ft |
| | 46 m | 2,746 m | 275.62 | | 0 m | 0 m |
| 10 | 151 ft | 9,008 ft | 89.97 | CONCRETE | 0 ft | 0 ft |
| | 46 m | 2,746 m | 95.60 | | 0 m | 0 m |
| 28 | 151 ft | 9,008 ft | 269.99 | CONCRETE | 0 ft | 0 ft |
| | 46 m | 2,746 m | 275.62 | | 0 m | 0 m |
| 08R | 151 ft | 10,009 ft | 89.98 | CONCRETE | 0 ft | 0 ft |
| | 46 m | 3,051 m | 95.60 | | 0 m | 0 m |
| 26L | 151 ft | 10,009 ft | 269.99 | CONCRETE | 0 ft | 0 ft |
| | 46 m | 3,051 m | 275.62 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 08L | DME | IHFV | 109.30 MHz | 18 nm | - | - | 993 ft |
| | | | | 33 km | - | | 993 m |
| 08R | DME | IATL | 109.90 MHz | 18 nm | - | - | 1,026 ft |
| | | | | 33 km | - | | 1,026 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|----------------|-------------------------|-------|---------------------|
| 09L | DME | IHZK | 110.50 MHz | 18 nm 33 km | - - | - | 978 ft 978 m |
| 09R | DME | IFUN | 108.90 MHz | 18 nm 33 km | - - | - | 987 ft 987 m |
| 10 | DME | IOMO | 111.55 MHz | 18 nm 33 km | - - | - | 970 ft 970 m |
| 26L | DME | IBRU | 108.70 MHz | 18 nm 33 km | - - | - | 1,026 ft 1,026 m |
| 26R | DME | IGXZ | 110.10 MHz | 18 nm 33 km | - - | - | 1,000 ft 1,000 m |
| 27L | DME | IFSQ | 108.50 MHz | 18 nm 33 km | - - | - | 1,020 ft 1,020 m |
| 27R | DME | IAFA | 111.30 MHz | 18 nm 33 km | - - | - | 978 ft 978 m |
| 28 | DME | IPKU | 111.75 MHz | 18 nm 33 km | - - | - | 970 ft 970 m |
| 08L | LOC-ILS | IHFW | 109.30 MHz | 18 nm 33 km | 89.98 95.61 | - | 1,026 ft 1,026 m |
| 08R | LOC-ILS | IATL | 109.90 MHz | 18 nm 33 km | 89.99 95.62 | - | 1,026 ft 1,026 m |
| 09L | LOC-ILS | IHZK | 110.50 MHz | 18 nm 33 km | 90.01 95.64 | - | 968 ft 968 m |
| 09R | LOC-ILS | IFUN | 108.90 MHz | 18 nm 33 km | 89.98 95.61 | - | 1,026 ft 1,026 m |
| 10 | LOC-ILS | IOMO | 111.55 MHz | 18 nm 33 km | 89.98 95.61 | - | 970 ft 970 m |
| 26L | LOC-ILS | IBRU | 108.70 MHz | 18 nm 33 km | 269.98 275.61 | - | 1,026 ft 1,026 m |
| 26R | LOC-ILS | IGXZ | 110.10 MHz | 18 nm 33 km | 269.98 275.61 | - | 1,026 ft 1,026 m |
| 27L | LOC-ILS | IFSQ | 108.50 MHz | 18 nm 33 km | 269.98 275.61 | - | 1,026 ft 1,026 m |
| 27R | LOC-ILS | IAFA | 111.30 MHz | 18 nm 33 km | 270.00 275.62 | - | 1,026 ft 1,026 m |
| 28 | LOC-ILS | IPKU | 111.75 MHz | 18 nm 33 km | 269.97 275.60 | - | 970 ft 970 m |
| 08L | GS | IHFW | 109.30 MHz | 10 nm 19 km | 90.96 96.59 | 3.00 | 1,008 ft 1,008 m |
| 08R | GS | IATL | 109.90 MHz | 10 nm 19 km | 90.96 96.59 | 3.00 | 1,012 ft 1,012 m |
| 09L | GS | IHZK | 110.50 MHz | 10 nm 19 km | 90.02 95.65 | 3.00 | 1,017 ft 1,017 m |
| 09R | GS | IFUN | 108.90 MHz | 10 nm 19 km | 90.96 96.59 | 3.00 | 1,021 ft 1,021 m |
| 10 | GS | IOMO | 111.55 MHz | 10 nm 19 km | 90.94 96.57 | 3.00 | 985 ft 985 m |
| 26L | GS | IBRU | 108.70 MHz | 10 nm 19 km | 270.96 276.59 | 3.00 | 992 ft 992 m |
| 26R | GS | IGXZ | 110.10 MHz | 10 nm 19 km | 270.96 276.59 | 3.00 | 984 ft 984 m |
| 27L | GS | IFSQ | 108.50 MHz | 10 nm 19 km | 270.96 276.59 | 3.00 | 990 ft 990 m |
| 27R | GS | IAFA | 111.30 MHz | 10 nm 19 km | 270.02 275.65 | 3.00 | 981 ft 981 m |
| 28 | GS | IPKU | 111.75 MHz | 10 nm 19 km | 270.94 276.57 | 3.00 | 990 ft 990 m |