

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

| <u>DP NAME</u> | <u>NUMBER</u> | <u>DP COMPUTER CODE</u> | <u>SUPERSEDED NUMBER</u> | <u>DATED</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|------------------------------|
| MIAMI | SEVEN | MIA7.MIA | SIX | 07/19/2018 | <i>25 FEB 2021</i> |
| <u>TYPE:</u> | <u>OBSTACLE</u> | <u>COPTER</u> | <u>SID</u> | <u>SPECIAL</u> | <u>RNAV</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

DP ROUTE DESCRIPTION:

MIAMI INTL:

TAKEOFF ALL RUNWAYS, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO ASSIGNED TRANSITION. CLIMB AND MAINTAIN 5000 OR ASSIGNED LOWER ALTITUDE. EXPECT FILED ALTITUDE TEN (10) MINUTES AFTER DEPARTURE.

MIAMI EXECUTIVE:

TAKEOFF RWY 9L, CLIMB HEADING 093.31 TO 800 BEFORE TURNING RIGHT, THENCE...
TAKEOFF RWY 9R, CLIMB HEADING 093.31 TO 900 BEFORE TURNING RIGHT, THENCE...
TAKEOFF RWY 13, CLIMB HEADING 133.34 TO 1400 BEFORE TURNING RIGHT, THENCE...
TAKEOFF RWY 27L, CLIMB HEADING 273.32 TO 1400 BEFORE TURNING LEFT, THENCE...
TAKEOFF RWY 27R, CLIMB HEADING 273.32 TO 1300 BEFORE TURNING LEFT, THENCE...
TAKEOFF RWY 31, CLIMB HEADING 313.35 TO 900 BEFORE TURNING LEFT, THENCE...

...MAINTAIN 2000 OR ASSIGNED HIGHER ALTITUDE AND EXPECT VECTORS TO APPROPRIATE TRANSITION. EXPECT FURTHER CLEARANCE TO FILED ALTITUDE TEN (10) MINUTES AFTER DEPARTURE.

NORTH PERRY:

TAKEOFF RWY 1R, CLIMB HEADING 006.34 TO 800 BEFORE TURNING RIGHT, THENCE...
TAKEOFF RWY 1L, CLIMB HEADING 006.33 TO 800 BEFORE TURNING RIGHT, THENCE...
TAKEOFF RWY 10L, CLIMB HEADING 096.34 TO 1400 BEFORE TURNING RIGHT, THENCE...
TAKEOFF RWY 10R, CLIMB HEADING 096.33 TO 1400 BEFORE TURNING RIGHT, THENCE...
TAKEOFF RWY 19R, CLIMB HEADING 186.35 TO 1300 BEFORE TURNING LEFT, THENCE...
TAKEOFF RWY 19L, CLIMB HEADING 186.33 TO 1300 BEFORE TURNING LEFT, THENCE...
TKAEOFF RWY 28R, CLIMB HEADING 276.35 TO 800, THENCE...
TAKEOFF RWY 28L, CLIMB HEADING 276.34 TO 800, THENCE...

...MAINTAIN 2000 OR ASSIGNED HIGHER ALTITUDE AND EXPECT VECTORS TO APPROPRIATE TRANSITION. EXPECT FURTHER CLEARANCE TO FILED ALTITUDE TEN (10) MINUTES AFTER DEPARTURE.

MIAMI-OPA LOCKA EXECUTIVE:

TAKEOFF RWY 9L, CLIMB HEADING 092.94, THENCE...
TAKEOFF RWY 9R, CLIMB HEADING 092.96, THENCE...
TAKEOFF RWY 12, CLIMB HEADING 127.84, THENCE...
TAKEOFF RWY 27R, CLIMB HEADING 272.95, THENCE...
TAKEOFF RWY 27L, CLIMB HEADING 272.97, THENCE...
TAKEOFF RWY 30, CLIMB HEADING 307.84, THENCE...

...MAINTAIN 2000 OR ASSIGNED HIGHER ALTITUDE AND EXPECT VECTORS TO APPROPRIATE TRANSITION. EXPECT FURTHER CLEARANCE TO FILED ALTITUDE TEN (10) MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

| <u>TRANSITION NAME</u> | <u>TRANSITION COMPUTER CODE</u> | <u>FROM FIX/NAVAID</u> | <u>TO FIX/NAVAID</u> | <u>COURSE</u> | <u>DISTANCE</u> | <u>MEA</u> | <u>MOCA</u> | <u>CROSSING ALTITUDE/FIXES</u> |
|------------------------|-------------------------------------|----------------------------|--------------------------|---------------|-----------------|------------|-------------|------------------------------------|
|------------------------|-------------------------------------|----------------------------|--------------------------|---------------|-----------------|------------|-------------|------------------------------------|

QUALITY
22
CHECKED

| <u>DP NAME</u> | <u>NUMBER</u> | <u>DP COMPUTER CODE</u> | <u>SUPERSEDED NUMBER</u> | <u>DATED</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|----------------|---------------|-------------------------|--------------------------|--|------------------------------|
| MIAMI | SEVEN | MIA7.MIA | SIX | 07/19/2018 | <i>25 FEB 2021</i> |
| BEECH | MIA7.BEECH | FLL VOR/DME | BEECH | 103.79 42.69 11000 | |
| EONNS | MIA7.EONNS | DHP VORTAC | EONNS | 150.78 35.95 3000 | |
| HEDLY | MIA7.HEDLY | DRUUM | HEDLY | 337.00 (PHK R-157) 49.00 4000 | |
| MNATE | MIA7.MNATE | DHP VORTAC | MNATE | 195.00 50.00 3000 | |
| PADUS | MIA7.PADUS | VKZ VOR/DME | JANUS PADUS | 057.89 34.83 2000 064.53 (ZFP R-245) 32.31 4000 | |
| SKIPS | MIA7.SKIPS | VKZ VOR/DME | SKIPS | 107.75 49.16 4000 | |
| WINCO | MIA7.WINCO | DHP VORTAC | WINCO | 321.81 49.96 3000 | |

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: DME REQUIRED

NOTE: TURBOPROPS OPERATE IN A MANNER THAT WILL RESULT IN BEST FORWARD SPEED AND CLIMB RATE.

NOTE: FILE DP IN REMARKS SECTION OF FLIGHT PLAN.

NOTE: SPECIAL INSTRUCTIONS. UNLESS OTHERWISE ASSIGNED, USE DEPARTURE FREQUENCY DEPICTED ASSOCIATED WITH THE TRANSITION IN CLEARANCE.

MIAMI INTL NOTE: TURBOJETS ACCELERATE TO 250 KIAS AS RAPIDLY AS FEASIBLE UNTIL REACHING 10,000 MSL, UNLESS REQUESTED BY ATC TO DO OTHERWISE.

TAKEOFF MINIMUMS:

MIAMI INTL

RWY 26L, 26R, 27, 30, STANDARD.

RWY 8L, STANDARD WITH MINIMUM CLIMB OF 383 FT PER NM TO 1800.

RWY 8R, STANDARD WITH MINIMUM CLIMB OF 326 FT PER NM TO 1400.

RWY 9, STANDARD WITH MINIMUM CLIMB OF 312 FT PER NM TO 1400.

RWY 12, STANDARD WITH MINIMUM CLIMB OF 242 FT PER NM TO 1200.

MIAMI EXECUTIVE

RWY 9L, 9R, 13, 27L, 27R, 31, STANDARD.

NORTH PERRY

RWY 1R, 1L, 28R, 28L, STANDARD.

RWY 10L/10R, STANDARD WITH A MINIMUM CLIMB OF 420 FT PER NM TO 1400.

RWY 19L/19R, 400-2 3/4 OR STANDARD WITH MINIMUM CLIMB OT 220 FT PER NM TO 500.

MIAMI-OPA LOCKA EXECUTIVE**RWY 9L, 9R, 12, 27L, 27R, 30, STANDARD.****TAKEOFF OBSTACLES NOTES:**

SEE FORM 8260.15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

MIAMI INTL:

RWY 8L: 172 FT MSL BUILDING 254826.00/0801555.00W (CLIMB GRADIENT)

RWY 8R: 1049 FT MSL BUILDING 254647.53N/0801137.78W (CLIMB GRADIENT)

RWY 9: 1049 FT MSL BUILDING 254647.53N/0801137.78W (CLIMB GRADIENT)

RWY 12: 849 FT MSL BUILDING 254620.00N/0801120.00W (CLIMB GRADIENT)

MIAMI EXECUTIVE:**RWY 9R, 9L, 13, 27R, 27L, 31:** 1849 FT MSL TOWER, 253223.94N/0802806.43W (ROUTE DEVELOPMENT).

| <u>DP NAME</u> | <u>NUMBER</u> | <u>DP COMPUTER CODE</u> | <u>SUPERSEDED NUMBER</u> | <u>DATED</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|----------------|---------------|-------------------------|--------------------------|--------------|------------------------------|
| MIAMI | SEVEN | MIA7.MIA | SIX | 07/19/2018 | 25 FEB 2021 |

NORTH PERRY:

RWY 10L, 10R: 1049 FT MSL TOWER 255935.28N/0801026.00W (CLIMB GRADIENT). 1030 FT MSL TOWER 255910.00N/0801136.30W (ROUTE DEVELOPMENT).

RWY 1R, 1L, 28R, 28L: 1049 FT MSL TOWER 255808.00N/0801319.00W (ROUTE DEVELOPMENT).

RWY 19L/19R: 1049 FT TOWER 255808.33N/0801319.18W (ROUTE DEVELOPMENT), 376 FT BUILDING 255732.11N/0801421.50W (CG/CTA).

MIAMI-OPA LOCKA EXECUTIVE:

RWY 9L, 9R, 12, 27R: 1049 FT MSL TOWER 255731.00N/0801244.00W (ROUTE DEVELOPMENT).

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

CHART: LBV R-136, PHK R-215, AND RSW R-101 AT WINCO; PBI R-261 AT HEDLY; FLL R-079 AT PADUS; ZBV R-326 AT JANUS; ZBV R-347 AT BEECH; ZBV R-177 AT SKIPS; ZBV R-241 AT EONNS.

AIRPORTS SERVED:

| <u>AIRPORT NAME</u> | <u>AIRPORT ID</u> | <u>CITY</u> | <u>STATE</u> |
|---------------------------|-------------------|-------------|--------------|
| MIAMI INTL | KMIA | MIAMI | FL |
| MIAMI EXECUTIVE | KTMB | MIAMI | FL |
| NORTH PERRY | KHWO | HOLLYWOOD | FL |
| MIAMI-OPA LOCKA EXECUTIVE | KOPF | MIAMI | FL |

COMMUNICATIONS:

MIAMI INTL: ATIS, CLNC DEL, GND CON, TOWER.

MIAMI EXECUTIVE: ATIS, CLNC DEL, GND CON, TOWER.

NORTH PERRY: ATIS, GND CON, TOWER, UNICOM.

MIAMI-OPA LOCKA EXECUTIVE: ATIS, CLNC DEL, GND CON, TOWER.

ALL AIRPORTS: MIA DEP CON NORTH FOR WINCO, HEDLY, PADUS, AND BEECH TRANSITIONS.

ALL AIRPORTS: MIA DEP CON SOUTH FOR SKIPS, EONNS AND MNATE TRANSITIONS.

FIXES AND/OR NAVAIDS:**REMARKS:**

1. TOP ALTITUDE INFORMATION NOT CHARTED PER ATC REQUEST.

2. MOCA(S) NOT CHARTED PER ATC REQUEST.

FLIGHT INSPECTED BY

Digitally signed by

KEVIN RIESE

DONALD H LANIER

Dec 09, 2020

OFFICE**DATE**

FICO

12/3/2020

DEVELOPED BY

Digitally signed by

NICHOLAS K. JACKSON

NICHOLAS JACKSON

Mar 18, 2020

OFFICE**DATE**

AJV-431

02/05/2020

APPROVED BY

Digitally signed by

GEORGE E. DAVIS

DONALD H LANIER

Dec 09, 2020

OFFICE**DATE****TITLE**

AJV-430

REQUIRED EFFECTIVE DATE

ROUTINE

QUALITY
22
CHECKED

| <u>DP NAME</u> | <u>NUMBER</u> | <u>DP COMPUTER CODE</u> | <u>SUPERSEDED NUMBER</u> | <u>DATED</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|----------------|---------------|-------------------------|--------------------------|--------------|------------------------------|
| MIAMI | SEVEN | MIA7.MIA | SIX | 07/19/2018 | <i>25 FEB 2021</i> |

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMA, MIA DEP CON, MIA ATCT, TMB ATCT, OPF ATCT, HWO ATCT, AMGR(S)

CHANGES - REASONS:

1. UPDATED KHWO RWY 19L/19R TAKEOFF MINIMUMS FROM "STANDARD" TO "400-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 500". - NEW CONTROLLING OBSTRUCTIONS IDENTIFIED.

