

**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SUPERSEDED NUMBER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> |
|----------------|---------------|-------------------------|--------------------------|--------------|------------------------------|
| HROCK          | ONE           | HROCK1.HROCK            | NONE                     |              | 19 May 2022                  |

| <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 checked="" type="checkbox"/> |

This is a corrected copy of the procedure published in NFDD 069.  
\*\* See pages 3 and 4 for details. \*\*

**DP ROUTE DESCRIPTION:****FORT LAUDERDALE/HOLLYWOOD INTL:**

TAKEOFF RWY 10L: CLIMB ON HEADING 096.36 TO INTERCEPT COURSE 075.00 TO LLBOW, THEN ON TRACK 026.07 TO CROSS ROOOM AT OR ABOVE 4000, THEN ON TRACK 346.76 TO YOLOO, THEN ON TRACK 297.58 TO LRICK, THEN ON TRACK 292.48 TO JOENZ, THENCE ...

TAKEOFF RWY 10R: CLIMB ON HEADING 096.37 TO INTERCEPT COURSE 065.00 TO LLBOW, THEN ON TRACK 026.07 TO CROSS ROOOM AT OR ABOVE 4000, THEN ON TRACK 346.76 TO YOLOO, THEN ON TRACK 297.58 TO LRICK, THEN ON TRACK 292.48 TO JOENZ, THENCE ...

TAKEOFF RWY 28L: CLIMB ON HEADING 276.38 TO 580, THEN DIRECT TIDEZ, THEN ON TRACK 274.97 TO DUSKE, THEN ON TRACK 319.00 TO KBUNK, THEN ON TRACK 317.09 TO JOENZ, THENCE ...

TAKEOFF RWY 28R: CLIMB ON HEADING 276.37 TO 580, THEN DIRECT SEAZZ, THEN ON TRACK 274.97 TO HEPAD, THEN ON TRACK 318.18 TO KBUNK, THEN ON TRACK 317.09 TO JOENZ, THENCE ...

...ON TRACK 318.61 TO HROCK, THEN ON ASSIGNED TRANSITION. MAINTAIN 4000, EXPECT FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.

**FORT LAUDERDALE EXEC:**

TAKEOFF RWY 9: CLIMB ON HEADING 090.78 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ, THENCE ...

TAKEOFF RWY 13: CLIMB ON HEADING 135.80 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ, THENCE ...

TAKEOFF RWY 27: CLIMB ON HEADING 270.79 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ, THENCE ...

TAKEOFF RWY 31: CLIMB ON HEADING 315.80 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ, THENCE ...

**POMPANO BEACH AIRPARK:**

TAKEOFF RWY 6: CLIMB ON HEADING 059.66 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ, THENCE ...

TAKEOFF RWY 10: CLIMB ON HEADING 104.64 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ, THENCE ...

TAKEOFF RWY 15: CLIMB ON HEADING 149.65 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ, THENCE ...

TAKEOFF RWY 24: CLIMB ON HEADING 239.66 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ, THENCE ...

TAKEOFF RWY 28: CLIMB ON HEADING 284.64 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ, THENCE ...

TAKEOFF RWY 33: CLIMB ON HEADING 329.65 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ, THENCE ...

...ON TRACK 318.61 TO HROCK, THEN ON ASSIGNED TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE WITHIN 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> |
|------------------------|---------------------------------|------------------------|----------------------|---------------|-----------------|------------|-------------|--------------------------------|
| KPASA                  | HROCK1.KPASA                    | HROCK                  | BLAAK                | TRACK 326.78  | 41.46           | 6000       | 1500        |                                |
|                        |                                 | BLAAK                  | PYROS                | TRACK 336.43  | 20.17           | 6000       | 1600        |                                |
|                        |                                 | PYROS                  | KPASA                | TRACK 343.90  | 54.20           | 6000       | 1700        |                                |
| SMELZ                  | HROCK1.SMELZ                    | HROCK                  | THEUU                | TRACK 318.57  | 48.10           | 6000       | 1400        |                                |

QUALITY  
12  
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> |
|----------------|---------------|-------------------------|--------------------------|--------------|------------------------------|
| HROCK          | ONE           | HROCK1.HROCK            | NONE                     |              | 19 May 2022                  |
| THEUU          | GNARL         | TRACK 333.19            | 29.16                    | 6000         | 1600                         |
| GNARL          | SMELZ         | TRACK 342.55            | 40.67                    | 6000         | 1700                         |

**PROCEDURAL DATA NOTES:**

NOTE: JET AIRCRAFT ONLY.

NOTE: ACCELERATE TO 250K, IF UNABLE, ADVISE ATC.

**PBN REQUIREMENTS NOTES:**

RNAV 1-DME/DME/IRU OR GPS.

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED.

**TAKEOFF MINIMUMS:****FORT LAUDERDALE/HOLLYWOOD INTL:**

RWY 10L, 10R, 28L, 28R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 580.

**FORT LAUDERDALE EXEC:**

RWY 9, 13, 31: STANDARD

RWY 27: STANDARD WITH MINIMUM CLIMB OF 227 FT PER NM TO 600.

**POMPANO BEACH AIRPARK:**

RWY 6, 24, 28, 33: STANDARD

RWY 10: 300 1-1/4 OR STANDARD WITH MINIMUM CLIMB OF 265 FT PER NM TO 280.

RWY 15: 400 1-3/8 OR STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 470.

**TAKEOFF OBSTACLES NOTES:**

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

**CONTROLLING OBSTACLES:****FORT LAUDERDALE EXEC:**

RWY 27: 411 FT MSL TOWER 261047.32N/0801314.71W

**POMPANO BEACH AIRPARK:**

RWY 10: 213 FT MSL BUILDING 261438.31N/0800513.80W (CLIMB GRADIENT, CLIMB TO ALTITUDE, CEILING), 174 FT MSL BUILDING 261449.54N/0800511.19W (VISIBILITY)

RWY 15: 308 FT MSL BUILDING 261351.00N/0800526.00W (CLIMB GRADIENT, CLIMB TO ALTITUDE, CEILING), 265 FT MSL BUILDING 261309.79N/0800527.07W (VISIBILITY)

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

FORT LAUDERDALE/HOLLYWOOD INTL - CHART: TOP ALTITUDE: 4000.

FORT LAUDERDALE EXEC/POMPANO BEACH AIRPARK - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

CHART: MINIMUM CROSSING ALTITUDE AT ROOOM - AT OR ABOVE 4000.

DME/DME ASSESSMENT: SAT RNP (2.0)

**AIRPORTS SERVED:**

| <u>AIRPORT ID</u> | <u>CITY</u>     | <u>STATE</u> |
|-------------------|-----------------|--------------|
| KFLL              | FORT LAUDERDALE | FL           |

| <u>DP NAME</u> | <u>NUMBER</u> | <u>DP COMPUTER CODE</u> | <u>SUPERSEDED NUMBER</u> | <u>DATED</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|----------------|---------------|-------------------------|--------------------------|--------------|------------------------------|
| HROCK          | ONE           | HROCK1.HROCK            | NONE                     |              | 19 May 2022                  |
| KFXE           |               | FORT LAUDERDALE         |                          |              | FL                           |
| KPMP           |               | POMPANO BEACH           |                          |              | FL                           |

**COMMUNICATIONS:**

KFLL: CHART: ATIS, CLNC DEL, GND CON, ATCT  
 KFXE: CHART: ATIS, CLNC DEL, GND CON, ATCT  
 KPMP: CHART: ATIS, CLNC DEL, GND CON, ATCT

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

FORT LAUDERDALE/HOLLYWOOD INTL ONLY - CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP  
 ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION)  
 REQUIREMENTS WORKSHEET AND NOISE SCREENING HAVE BEEN ACCOMPLISHED  
 TAKEOFF MINIMUMS AND CONTROLLING OBSTACLES FOR MIA AND FLL STANDARDIZED TO MATCH OTHER FL METROPLEX SIDS  
 250 FT MSL SHIPS USED IN OPEN WATER PER FPT

**FLIGHT INSPECTED BY**

JOEL P. MURPHY

*Digitally signed by***ALLAN WILL**

Apr 12, 2022

**OFFICE**

FPO

**DATE**

03/17/2022

**DEVELOPED BY**

PHILLIP BRANDENBURG

*Digitally signed by***PHILLIP BRANDENBURG**

Apr 12, 2022

**OFFICE**

AJV-A423

**DATE**

01/05/2022

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by***ALLAN WILL**

Apr 12, 2022

**OFFICE**

AJV-A420

**DATE****TITLE**

MANAGER

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:****A4A** ☒**ALPA** ☒**AOPA** ☒**APA** ☒**HAI** ☐**NBAA** ☒**OTHER:**ZMA, FLL ATCT, FXE ATCT, PMP ATCT, FLL DEP CON, EASTERN FPT**CHANGES - REASONS:**

ORIGINAL.

4/1/22. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 3/18/22.

1. KFLL, DP ROUTE DESCRIPTION CHANGED FROM ...ON TRACK 318.61 TO HROCK, THEN ON TRANSITION. MAINTAIN 4000, EXPECT CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE TO READ .....ON TRACK 318.61 TO HROCK, THEN ON ASSIGNED TRANSITION. MAINTAIN 4000, EXPECT FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.
2. KFXE/KPMP, DP ROUTE DESCRIPTION CHANGED FROM ...ON TRACK 318.61 TO HROCK, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE TO READ ...ON TRACK 318.61 TO HROCK, THEN ON ASSIGNED TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.
3. COMMUNICATIONS, CHANGED FROM ATIS, CLNC DEL, GND CON, KFLL ATCT, KFXE ATCT, KPMP ATCT TO READ KFLL: CHART: ATIS, CLNC DEL, GND CON, ATCT, KFXE: CHART: ATIS, CLNC DEL, GND CON, ATCT, KPMP: CHART: ATIS, CLNC DEL, GND CON, ATCT

4/12/22. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 4/7/22.

1. REMARK CHANGED FROM CHART NOTE: (FORT LAUDERDALE/HOLLYWOOD INTL ONLY) SEE ADDITIONAL REQUIREMENTS ON AAUP TO READ FORT LAUDERDALE/HOLLYWOOD INTL ONLY -

| <u>DP NAME</u> | <u>NUMBER</u> | <u>DP COMPUTER CODE</u> | <u>SUPERSEDED NUMBER</u> | <u>DATED</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|----------------|---------------|-------------------------|--------------------------|--------------|------------------------------|
| HROCK          | ONE           | HROCK1.HROCK            | NONE                     |              | 19 May 2022                  |

CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP.

2. CHANGED KFXE RWY 27 TAKEOFF MINIMUMS FROM STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520 TO STANDARD WITH MINIMUM CLIMB OF 227 FT PER NM TO 600.
3. CHANGED KPMP RWY 10 TAKEOFF MINIMUMS FROM STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520 TO 300 1-1/4 OR STANDARD WITH MINIMUM CLIMB OF 265 FT PER NM TO 280.
4. CHANGED KPMP RWY 15 TAKEOFF MINIMUMS FROM STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520 TO 400 1-3/8 OR STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 470.
5. ADDED CONTROLLING OBSTACLE DATA FOR KFXE RWY 27, KPMP RWY 10 AND 15, SPECIFIED CG/CGTA/CEILING/VIS CONTROLLERS.



**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
DEPARTURE (DATA RECORD)**

| <u>DP NAME</u>                     |                        | <u>NUMBER</u> |              | <u>DP COMPUTER CODE</u> |           | <u>SUPERSEDED NUMBER</u> |                 | <u>DATED</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|------------------------------------|------------------------|---------------|--------------|-------------------------|-----------|--------------------------|-----------------|--------------|------------------------------|
| HROCK                              |                        | ONE           |              | HROCK1.HROCK            |           | NONE                     |                 |              | 19 May 2022                  |
| <u>FIX/NAVAID</u>                  | <u>LAT/LONG</u>        | <u>C</u>      | <u>FO/FB</u> | <u>LEG TYPE</u>         | <u>TC</u> | <u>DIST (NM)</u>         | <u>ALTITUDE</u> | <u>SPEED</u> | <u>REMARKS</u>               |
| FORT LAUDERDALE/<br>HOLLYWOOD INTL |                        |               |              |                         |           |                          |                 |              |                              |
| RW10L (AER)*                       | 260436.98N/0800953.22W | N             | -            | -                       | -         | -                        |                 |              | *DISPL THLD (576 FT)         |
| -                                  | 260435.75N/0800623.10W | -             | -            | VI                      | 090.36    | 3.15                     |                 |              | CG 500 FT PER NM TO 580      |
| LLBOW                              | 260518.36N/0800420.24W | Y             | FB           | CF                      | 069.00    | 1.97                     |                 |              |                              |
| ROOOM                              | 260914.71N/0800244.55W | Y             | FB           | TF                      | 020.07    | 4.18                     | AT/ABOVE 4000   |              |                              |
| YOLOO                              | 261325.67N/0800421.65W | Y             | FB           | TF                      | 340.76    | 4.42                     |                 |              |                              |
| LRICK                              | 261515.98N/0800931.19W | Y             | FB           | TF                      | 291.58    | 4.99                     |                 |              |                              |
| JOENZ                              | 262410.48N/0804312.16W | Y             | FB           | TF                      | 286.48    | 31.54                    |                 |              |                              |
|                                    |                        |               |              |                         |           |                          |                 |              |                              |
| RW10R (AER)                        | 260357.19N/0800930.06W | N             | -            | -                       | -         | -                        |                 |              |                              |
| -                                  | 260356.24N/0800651.52W | -             | -            | VI                      | 090.37    | 2.38                     |                 |              | CG 500 FT PER NM TO 580      |
| LLBOW                              | 260518.36N/0800420.24W | Y             | FB           | CF                      | 059.00    | 2.65                     |                 |              |                              |
| ROOOM                              | 260914.71N/0800244.55W | Y             | FB           | TF                      | 020.07    | 4.18                     | AT/ABOVE 4000   |              |                              |
| YOLOO                              | 261325.67N/0800421.65W | Y             | FB           | TF                      | 340.76    | 4.42                     |                 |              |                              |
| LRICK                              | 261515.98N/0800931.19W | Y             | FB           | TF                      | 291.58    | 4.99                     |                 |              |                              |
| JOENZ                              | 262410.48N/0804312.16W | Y             | FB           | TF                      | 286.48    | 31.54                    |                 |              |                              |
|                                    |                        |               |              |                         |           |                          |                 |              |                              |
| RW28L (AER)                        | 260356.67N/0800802.34W | N             | -            | -                       | -         | -                        |                 |              |                              |
| 580 MSL                            | -                      | -             | -            | VA                      | 270.38    | -                        | AT/ABOVE 580    |              | CG 500 FT PER NM TO 580      |
| TIDEZ                              | 260352.61N/0801343.44W | Y             | FB           | DF                      | -         | -                        |                 |              |                              |
| DUSKE                              | 260348.33N/0801803.19W | Y             | FB           | TF                      | 268.97    | 3.90                     |                 |              |                              |
| KBUNK                              | 261323.91N/0802928.01W | Y             | FB           | TF                      | 313.00    | 14.03                    |                 |              |                              |

QUALITY  
12  
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> |
|-------------------|------------------------|---------------|--------------|-------------------------|-----------|--------------------------|-----------------|--------------|------------------------------|
| HROCK             |                        | ONE           |              | HROCK1.HROCK            |           | NONE                     |                 |              | 19 May 2022                  |
| <u>FIX/NAVAID</u> | <u>LAT/LONG</u>        | <u>C</u>      | <u>FO/FB</u> | <u>LEG TYPE</u>         | <u>TC</u> | <u>DIST (NM)</u>         | <u>ALTITUDE</u> | <u>SPEED</u> | <u>REMARKS</u>               |
| JOENZ             | 262410.48N/0804312.16W | Y             | FB           | TF                      | 311.09    | 16.36                    |                 |              |                              |
|                   |                        |               |              |                         |           |                          |                 |              |                              |
| RW28R (AER)*      | 260436.49N/0800827.48W | N             | -            | -                       | -         | -                        |                 |              | *DISPL THLD (606 FT)         |
| 580 MSL           | -                      | -             | -            | VA                      | 270.37    | -                        | AT/ABOVE 580    |              | CG 500 FT PER NM TO 580      |
| SEAZZ             | 260433.31N/0801351.46W | Y             | FB           | DF                      | -         | -                        |                 |              |                              |
| HEPAD             | 260428.68N/0801832.56W | Y             | FB           | TF                      | 268.97    | 4.22                     |                 |              |                              |
| KBUNK             | 261323.91N/0802928.01W | Y             | FB           | TF                      | 312.18    | 13.26                    |                 |              |                              |
| JOENZ             | 262410.48N/0804312.16W | Y             | FB           | TF                      | 311.09    | 16.36                    |                 |              |                              |
|                   |                        |               |              |                         |           |                          |                 |              |                              |
| TRANSITIONS       |                        |               |              |                         |           |                          |                 |              |                              |
| JOENZ             | 262410.48N/0804312.16W | Y             | -            | IF                      | -         | -                        |                 |              |                              |
| HROCK             | 263029.43N/0805050.23W | Y             | FB           | TF                      | 312.61    | 9.31                     |                 |              |                              |
|                   |                        |               |              |                         |           |                          |                 |              |                              |
| HROCK             | 263029.43N/0805050.23W | Y             | -            | IF                      | -         | -                        |                 |              | HROCK1.KPASA                 |
| BLAAK             | 270239.41N/0812011.80W | Y             | FB           | TF                      | 320.78    | 41.46                    |                 |              |                              |
| PYROS             | 272014.68N/0813122.59W | Y             | FB           | TF                      | 330.43    | 20.17                    |                 |              |                              |
| KPASA             | 281034.00N/0815427.00W | Y             | FB           | TF                      | 337.90    | 54.20                    |                 |              |                              |
|                   |                        |               |              |                         |           |                          |                 |              |                              |
| HROCK             | 263029.43N/0805050.23W | Y             | -            | IF                      | -         | -                        |                 |              | HROCK1.SMELZ                 |
| THEUU             | 270301.83N/0813030.60W | Y             | FB           | TF                      | 312.57    | 48.10                    |                 |              |                              |
| GNARL             | 272735.24N/0814816.18W | Y             | FB           | TF                      | 327.19    | 29.16                    |                 |              |                              |
| SMELZ             | 280459.00N/0820634.00W | Y             | FB           | TF                      | 336.55    | 40.67                    |                 |              |                              |

