

**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION**  
**GRAPHIC DEPARTURE PROCEDURE (DP)**

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

| DP Name | Number | DP Computer Code | Superseded Number | Dated       | Effective Date |
|---------|--------|------------------|-------------------|-------------|----------------|
| ACONY   | TWO    | ACONY2.ACONY     | ONE               | 27 AUG 2009 | 10 DEC 2015    |

**TYPE:**      SID                      RNAV

**DP ROUTE DESCRIPTION:**

**TAKEOFF RUNWAY 8:** Climb heading 077.98 to 520, then climbing left turn heading 350.00 or as assigned by ATC, expect vectors to ACONY, then via 327.06 track to PALDE, thence ...

**TAKEOFF RUNWAY 10:** Climb heading 101.14 to 520, then climbing left turn heading 350.00 or as assigned by ATC, expect vectors to ACONY, then via 327.06 track to PALDE, thence ...

**TAKEOFF RUNWAY 26:** Climb heading 257.99 to 520, continue climb heading 280.00 or as assigned by ATC, expect vectors to ACONY, then via 327.06 track to PALDE, thence ...

**TAKEOFF RUNWAY 28:** Climb heading 281.15 to 520, continue climb heading 280.00 or as assigned by ATC, expect vectors to ACONY, then via 327.06 track to PALDE, thence ...

... via assigned transition. Maintain 5000 unless assigned lower altitude. Expect clearance to FL280, or requested altitude if lower, ten minutes after departure .

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

| Transition Name | Transition Computer Codes | From<br>FIX/NAVAID | To FIX/NAVAID | Course       | Distance | MEA  | MOCA | Crossing Altitudes/Fixes |
|-----------------|---------------------------|--------------------|---------------|--------------|----------|------|------|--------------------------|
| ELMUC           | ACONY2.ELMUC              | PALDE              | ELMUC         | TRACK 332.39 | 130.96   | 5000 |      |                          |
| SAPPO           | ACONY2.SAPPO              | PALDE              | SAPPO         | TRACK 320.36 | 129.01   | 5000 |      |                          |

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

**NOTE:** GPS required.

**NOTE:** For TURBOJET aircraft only.

**NOTE:** RNAV 1.

**NOTE:** RADAR required.

**TAKEOFF MINIMUMS:** RWY 8, 10, 26, 28- STANDARD

**TAKEOFF OBSTACLES NOTES:**

**NOTE: RWY 8,** Trees beginning 21 ' from DER, left and right of centerline, up to 84' AGL/107' MSL **NOTE: RWY 10,** Trees beginning 157' from DER, left and right of centerline, up to 54' AGL/61 ' MSL. **NOTE: RWY 26,** Bldg and trees beginning 8' from DER, 339' right of centerline, up to 138' AGL/154' MSL. Sign and bushes beginning 381' from DER, 374' left of centerline, up to 28' AGL/35' MSL. **NOTE: RWY 28,** Bush and trees beginning 159' from DER, 476' left of centerline, up to 61' AGL/71 ' MSL pole 438' from DER, 587' left of centerline, 31' AGL/38' MSL.

**CONTROLLING OBSTACLES:**

**RWY 8:** 3724 MSL AAO 181620.38N/0654946.06W, 4049 MSL TOWER 180648.00N/0660309.00W, 2239 MSL AAO 181944.30N/0654632.36W.

**RWY 10:** 3724 MSL AAO 181620.38N/0654946.06W, 4049 MSL TOWER 180648.00N/0660309.00W, 2099 MSL AAO 181946.00N/0654633.06W.

**RWY 26:** 3724 MSLAAO 181620.38N/0654946.06W, 4049 MSL TOWER 180648.00N/0660309.00W, 1935 MSL TOWER 181734.93N/0660954.11W.

**RWY 28:** 3724 MSLAAO 181620.38N/0654946.06W, 4049 MSL TOWER 180648.00N/0660309.00W, 1935 MSL TOWER 181734.93N/0660954.11W.

**LOST COMMUNICATIONS PROCEDURES:**



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**ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: TJSJ 11W EPOCH YR:85.  
DME/DME ASSESSMENT: NOT CONDUCTED  
CHART: TOP ALTITUDE: 5000

**PILOT NAVIGATION AREA:**

10 NM ARC CENTERED ON ACONY (IF), CW  
FROM: POINT A (BEARING 283 DEGREES TO AGONY)  
TO: POINT B (BEARING 012 DEGREES TO AGONY)  
MINIMUM ALTITUDE- 5000

**AIRPORTS SERVED:**

LUIS MUNOZ MARIN INTL

SAN JUAN, PR

**COMMUNICATIONS:**

ATIS, TOWER, GROUND, CLEARANCE DELIVERY, DEPARTURE CONTROL

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

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**CHANGES:**

ADDED: CHART: TOP ALTIUDE: 5000

**REASONS:**

ATC REQUEST



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**CHANGES:**

ADDED: CHART: TOP ALTIUDE: 5000

**REASONS:**

ATC REQUEST



**DEPARTURE (DATA RECORD)**

| DP Name    |                         | Number |       | DP Computer Code |        |              | Superseded Number |       | Dated        | Effective Date |
|------------|-------------------------|--------|-------|------------------|--------|--------------|-------------------|-------|--------------|----------------|
| ACONY      |                         | TWO    |       | ACONY2.ACONY     |        |              | ONE               |       | 27 AUG 2009  | 10 DEC 2015    |
| FIX/NAVAID | LAT/LONG                | C      | FO/FB | LEG<br>TYPE      | TC     | DIST<br>(NM) | ALTITUDE          | SPEED | REMARKS      |                |
| RW08 (AER) | 182619.50N-0660053.50W  | N      | -     | -                | -      | -            |                   |       | LEFT TURN    |                |
| 520 MSL    |                         | -      | -     | VA               | 066.98 | -            |                   |       |              |                |
| 5000 MSL   |                         | -      | -     | VM               | 339.00 | -            |                   |       |              |                |
| RW10 (AER) | 182600.81 N-0660049.42W | N      | -     | -                | -      | -            |                   |       | LEFT TURN    |                |
| 520 MSL    |                         | -      | -     | VA               | 090.14 | -            |                   |       |              |                |
| 5000 MSL   |                         | -      | -     | VM               | 339.00 | -            |                   |       |              |                |
| RW26 (AER) | 182657.42N-0655919.98W  | N      | -     | -                | -      | -            |                   |       |              |                |
| 520 MSL    |                         | -      | -     | VA               | 246.99 | -            |                   |       |              |                |
| 5000 MSL   |                         | -      | -     | VM               | 269.00 | -            |                   |       |              |                |
| RW28 (AER) | 182600.61 N-0655926.16W | N      | -     | -                | -      | -            |                   |       |              |                |
| 520 MSL    |                         | -      | -     | VA               | 270.15 | -            |                   |       |              |                |
| 5000 MSL   |                         | -      | -     | VM               | 269.00 |              |                   |       |              |                |
| ACONY      | 185538.52N-0662838.81 W | Y      | FB    | IF               | -      |              |                   |       |              |                |
| PALDE      | 190439.73N-0663747.65W  | Y      | FB    | TF               | 316.06 | 12.48        |                   |       |              |                |
| PALDE      | 190439.73N-0663747.65W  | Y      | FB    | IF               | -      |              |                   |       | ACONY2.ELMUC |                |
| ELMUC      | 204702.14N-0680459.52W  | Y      | FB    | TF               | 321.39 | 130.96       |                   |       |              |                |
| PALDE      | 190439.73N-0663747.65W  | Y      | FB    | IF               | -      |              |                   |       | ACONY2.SAPPO |                |
| SAPPO      | 202615.63N-0682400.25W  | Y      | FB    | TF               | 309.36 | 129.01       |                   |       |              |                |