

<b>Flight Procedure Tracking Form</b>		<b>Action:</b> FLIGHT CHECK	<b>Task Type:</b> DP	<b>Date Open:</b> 01/14/2010	<b>Task #:</b> 2010011424591201001	<b>Request #:</b> 20100114245912
<b>Procedure:</b> DP PONCE RQ TJPS AMDT 3			<b>Airport ID:</b> TJPS	<b>Airport:</b> MERCEDITA		<b>Reimbursable #:</b>
<b>City:</b> PONCE, PUERTO RICO		<b>ST:</b> RQ	<b>GPS #:</b>		<b>Estimated Chart Date:</b> 11/15/2012	<b>FICO #:</b>
<b>Fac ID:</b>	<b>Fac. Type:</b> Proc-T		<b>Specialist:</b> NICHOLE WILLIS			

**Procedure Review**

P3

	Rec'd	Rel'd	Full Name	Comments
<b>Lead:</b>	11/15/2011	07/11/2012	MARLON ROBINSON	
<b>QA:</b>	07/11/2012	07/12/2012	STEVEN SZUKALA	
<b>Liaison:</b>	07/12/2012		<i>K. Spurlin</i>	P3; CG APPROVAL;

**Procedure Comments:** NON-ENROUTE      **Remark Type:** INFORMATION      PKG 3 of 3

PONCE, PUERTO RICO; MERCEDITA (TJPS); TAKEOFF ODP, AMDT3; ENROUTE-NO; FC BY 10/2/12; PUB 11/15/12

ATTACHED: 8260-15A, 8260-2: PONCE VOR/DME (REV 5) (INFO ONLY).

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036/405.954.3636.

**U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION**  
**TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)**

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.

City, State	Airport	Effective Date	Amdt. No.
PONCE, PR	MERCEDITA		3

**TAKEOFF MINIMUMS:**

RWY 12, 300- 1 ¼ OR STANDARD WITH A MINIMUM CLIMB GRADIENT OF 490 FEET PER NM TO 500.  
RWY30, 500- 1 ½ OR STANDARD WITH A MINIMUM CLIMB GRADIENT OF 760 FEET PER NM TO 700.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 12, CLIMB DIRECT PSE VOR/DME AND THEN PROCEED OUTBOUND ON PSE VOR/DME R-121 TO 2100, THEN CLIMBING RIGHT TURN TO PSE VOR/DME AND HOLD SE, LEFT TURNS, 301 INBOUND, CONTINUE CLIMB IN HOLD UNTIL REACHING ENROUTE ALTITUDE.

RWY 30, CLIMBING LEFT TURN DIRECT PSE VOR/DME AND THEN PROCEED OUTBOUND ON PSE VOR/DME R-121 TO 2100, THEN CLIMBING RIGHT TURN DIRECT PSE VOR/DME AND HOLD SE, LEFT TURNS, 301 INBOUND, CONTINUE CLIMB IN HOLD UNTIL REACHING ENROUTE ALTITUDE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 12, POLES BEGINNING 126 FT FROM DEPARTURE END OF RUNWAY, 434 FT RIGHT OF CENTERLINE UP TO 64 FT AGL/88 FT MSL. TREES BEGINNING 297 FT FROM DEPARTURE END OF RUNWAY, 96 FT LEFT AND RIGHT OF CENTERLINE UP TO 75 FT AGL/93 FT MSL. STACKS BEGINNING 5519 FT FROM DEPARTURE END OF RUNWAY, 1748 FT RIGHT OF CENTERLINE, 204 FT AGL/ 240 FT MSL.

NOTE: RWY 30, POLES BEGINNING 145 FT FROM DEPARTURE END OF RUNWAY, 119 FT LEFT AND RIGHT OF CENTERLINE UP TO 405 FT AGL/426 FT MSL. BUILDING 1.5NM FROM DEPARTURE END OF RUNWAY 158 FT AGL/219 FT MSL. TOWER 5061 FT FROM DEPARTURE END OF RUNWAY, 1812 FT RIGHT OF CENTERLINE, 154 FT AGL/521 FT MSL. ANT ON BLDG 4659 FT FROM DEPARTURE END OF RUNWAY, 1575 FT RIGHT OF CENTERLINE, 28 FT AGL/40 FT MSL. TRANSMISSION TOWER 5860 FT FROM DEPARTURE END OF RUNWAY, 135 FT RIGHT OF CENTERLINE, 28 FT AGL/300 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 12: 240 FEET MSL STACK 175946.00N-0663224.00W.  
RWY 30: 521 FEET MSL TOWER 180113.00N-0663505.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:  
RWY 12 – 2293 FT MSL AAO 180506.00N/0662754.00W  
RWY 30 - 2293 FT MSL AAO 180506.00N/0662754.00W



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<b>City, State</b>	<b>Airport</b>	<b>Effective Date</b>	<b>Amdt. No.</b>
PONCE, PR	MERCEDITA		3

**REMARKS:**

THIS CANCELS FDC: 1/8860.

**FLIGHT INSPECTED BY:**

DAVID L. PALMER                      08/07/2012

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

NICHOLE WILLIS                      AJV-352

3/12/2012

**APPROVED BY:**

DARRYEL ADAMS                      AJV-352

**COORDINATED WITH:**

ATA, ALPA, APA, AOPA, NBAA, OTHER: ZSU, ZMA

**CHANGES:**

1. ADDED RWY 12 T/O MINIMUMS
2. CHANGED RWY 30 T/O MINIMUMS TO READ: RWY30, 500- 1 ½ OR STANDARD WITH A MINIMUM CLIMB GRADIENT OF 760 FEET PER NM TO 700.
3. ADDED TAKEOFF OBSTACLE NOTES.

**REASONS:**

- 1, 2, 3. NEW OBSTACLE/TERRAIN EVALUATION.

12/04/2012: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/12/2012.  
REMOVED THE EXTRANEIOUS LEADING 1 FROM THE RWY 30 CONTROLLING OBSTACLE LAT/LONG.

QUALITY  
&  
CHECKED

# INFO ONLY

## RADIO FIX AND HOLDING DATA RECORD

NAME: PONCE VOR/DME

STATE:

COUNTRY: RQ

LATITUDE/LONGITUDE: 175932.84N/0663109.03W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

### FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	PONCE	PSE	VOR/DME	L							17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

### PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SE	PSE	VOR/DME	121.00	301.00	L	1		2100	17500	4	16

### CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	200' AAO	180351.00N/0662906.00W	1644	5E
1	310	200' AAO	180506.00N/0662754.00W	2293	5E

### REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

### HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

### PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES	TJPS	PONCE	(RQ)

### REMARKS:

PRECIPITOUS TERRAIN EVAL COMPLETED.  
C-I-H EVAL COMPLETED FOR PAT 1.

### FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES		1	TJPS	PONCE	(RQ)
IAP	VOR-A			TJPS	PONCE	(RQ)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 07/26/2012

### REASON FOR REVISION:

UPDATED LAT/LONG.  
UPDATED PAT 1 HOLDING CONTROLLING OBSTACLE FROM A 485 FT TREE TO A 1644 AAO.  
PAT 1 C-I-H OBSTACLE EQUIV ELEV 3566.

DEVELOPED BY: DATE: 03/15/2012 OFFICE: AJV-352 NAME: ROCKY PATTERSON

APPROVED BY: DATE: OFFICE: AJV-352 NAME: DARRYEL ADAMS

SIGNATURE:

### DISTRIBUTION:

NFDC  
FPO: ATL  
ARTCC: ZSU  
ATC FACILITY:  
OTHER:



# Federal Aviation Administration

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## Memorandum

Date: 04/02/2011

To: Manager, Flight Procedure Standards

From: Greg Yamamoto  
Manager, Terminal Procedures and Charting Service Team

Subject: **ACTION:** Approval Request

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TAKEOFF MINIMUMS ODP, Mercedita, Ponce, PR (TJPS)

Climb gradient exceeds 500 feet per NM, 8260.46D, paragraph 2-1d(2).

The computed climb gradient is 760 feet per NM to an altitude of 700 for departures on runway 30. The obstacle driving this climb gradient is a 521 MSL Tower (PR-000422).

Request approval to publish a minimum climb gradient of 760 feet per NM to 700 to allow 40:1 obstacle penetrations to be avoided.

Attachments:

1. Map
2. IAPA DEP99