

**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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GLADA	THREE	GLADA3.GLADA	TWO	11 FEB 2010	10 DEC 2015

TYPE: SID RNAV

DP ROUTE DESCRIPTION:

TAKEOFF RUNWAY 8: Climb heading 077.98 to 520, then climbing left turn heading 020.00 or as assigned by ATC, expect vectors to GLADA, then via 010.40 track to MAWLY, thence ...
TAKEOFF RUNWAY 10: Climb heading 101.14 to 520, then climbing left turn heading 020.00 or as assigned by ATC, expect vectors to GLADA, then via 010.40 track to MAWLY, thence ...
TAKEOFF RUNWAY 26: Climb heading 257.99 to 520, continue climb heading 280.00 or as assigned by ATC, expect vectors to GLADA, then via 010.40 track to MAWLY, thence ...
TAKEOFF RUNWAY 28: Climb heading 281.15 to 520, continue climb heading 280.00 or as assigned by ATC, expect vectors to GLADA, then via 010.40 track to MAWLY, thence ...

... via assigned transition. Maintain 5000 unless assigned lower altitude. Expect clearance to FL200, or requested altitude if lower, ten minutes after departure.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
MACOR	GLADA3.MACOR	MAWLY	FERNA	TRACK 340.18	112.42	10000		
		FERNA	MACOR	TRACK 339.82	32.25	10000		
KEEKA	GLADA3.KEEKA	MAWLY	KEEKA	TRACK 033.32	125.52	10000		
NUBUS	GLADA3.NUBUS	MAWLY	VORCE	TRACK 015.01	81.43	10000		
		VORCE	BAROE	TRACK 020.29	32.93	10000		
		BAROE	NUBUS	TRACK 020.32	87.32	10000		
PRCHA	GLADA3.PRCHA	MAWLY	VORCE	TRACH 015.01	81.43	10000		
		VORCE	CRUPE	TRACK 354.02	32.98	10000		
		CRUPE	PRCHA	TRACK 353.96	55.14	10000		

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

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

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: TJSJ 11W EPOCH YR:85.
 DME/DME ASSESSMENT: NOT CONDUCTED
 CROSS GLADA AT OR ABOVE 6000. CROSS MAWLY ATOR ABOVE 10000. CROSS MACORATOR ABOVE FL180. CROSS PRCHA ATOR ABOVE FL180. CROSS NUBUS AT OR ABOVE FL180. CROSS KEEKA AT OR ABOVE FL 180.
 Chart as compulsory waypoints: BAROE, GRUPE, FERNA, MACOR, KEEKA, NUBUS, PRCHA.
 CHART: TOP ALTITUDE: 5000

PILOT NAVIGATION AREA:

10 NM ARC CENTERED ON GLADA (IF), CW
 FROM: POINT A (BEARING 326 DEGREES TO GLADA)
 TO: POINT B (BEARING 055 DEGREES TO GLADA)
 MINIMUM ALTITUDE- 4000

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 ALTITUDE: 5000

REASONS:

ATC REQUEST



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code					Superseded Number	Dated	Effective Date
GLADA	THREE	GLADA3.GLADA					TWO	11 FEB 2010	10 DEC 2015
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW08 (AER)	182619.50N-0660053.50W	N	-	-	-	-	-	-	
520 MSL		-	-	VA	066.98	-	-	-	LEFT TURN
5000 MSL		-	-	VM	009.00	-	-	-	
RW10 (AER)	182600.81N-0660049.42W	N	-	-	-	-	-	-	
520 MSL		-	-	VA	090.14	-	-	-	LEFT TURN
5000 MSL		-	-	VM	009.00	-	-	-	
RW26 (AER)	182657.42N-0655919.98W	N	-	-	-	-	-	-	
520 MSL		-	-	VA	246.99	-	-	-	
5000 MSL		-	-	VM	269.00	-	-	-	
RW28 (AER)	182600.61N-0655926.16W	N	-	-	-	-	-	-	
520 MSL		-	-	VA	270.15	-	-	-	
5000 MSL		-	-	VM	269.00	-	-	-	
GLADA	185644.83N-0655836.76W	Y	FB	IF	-	-	AT/ABOVE 6000		
MAWLY	200924.64N-0655924.81W	Y	FB	TF	359.40	72.39	AT/ABOVE 10000		
MAWLY	200924.64N-0655924.81W	Y	FB	IF	-	-	AT/ABOVE 10000		GLADA3.MACOR
FERNA	214607.58N-0670117.33W	Y	FB	TF	329.18	112.42			
MACOR	221347.68N-0671916.94W	Y	FB	TF	328.82	32.25	AT/ABOVE FL180		
MAWLY	200924.64N-0655924.81W	Y	FB	IF	-	-	AT/ABOVE 10000		GLADA3.KEEKA
KEEKA	220549.45N-0650805.37W	Y	FB	TF	022.32	125.52	AT/ABOVE FL180		
MAWLY	200924.64N-0655924.81W	Y	FB	IF	-	-	AT/ABOVE 10000		GLADA3.NUBUS
VORCE	213056.15N-0655318.30W	Y	FB	TF	004.01	81.43			
BAROE	220333.10N-0654734.89W	Y	FB	TF	009.29	32.93			
NUBUS	233000.00N-0653211.78W	Y	FB	TF	009.32	87.32	AT/ABOVE FL180		



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MAWLY	200924.64N-0655924.81W	Y	FB	IF	-	-	AT/ABOVE 10000		GLADA3.PRCHA
VORCE	213056.15N-0655318.30W	Y	FB	TF	004.01	81.43			
CRUPE	220235.12N-0660340.35W	Y	FB	TF	343.02	32.98			
PRCHA	225528.34N-0662110.46W	Y	FB	TF	342.96	55.14	AT/ABOVE FL180		

