

**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SUPERSEDED NUMBER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>EFFECTIVE DATE</u>
RAYMD	THREE	RAYMD3.RAYMD	TWO	03/07/2013	
<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"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 14: CLIMB HEADING 137.60 TO 1800, THEN CLIMBING LEFT TURN DIRECT RAYMD, THENCE...

TAKEOFF RWY 32: CLIMB HEADING 317.60 TO 1000, THEN CLIMBING RIGHT TURN DIRECT RAYMD, THENCE...

...MAINTAIN ATC ASSIGNED ALTITUDE, CONTINUE CLIMB IN RAYMD HOLDING PATTERN (HOLD NE, LT, 237.92 INBOUND, 5 NM LEGS) TO MEA BEFORE PROCEEDING ON COURSE.

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>

PROCEDURAL DATA NOTES:

NOTE: RNAV 1

NOTE: GPS REQUIRED

TAKEOFF MINIMUMS:

RWY 14: STANDARD

RWY 32: 700-3 WITH MINIMUM CLIMB OF 310 FT PER NM TO 900 OR STANDARD WITH MINIMUM CLIMB OF 350 FT PER NM TO 900.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 32, SHIPS BEGINNING 1493 FT FROM DER, CROSSING EXTENDED RUNWAY CENTERLINE, 100 FT MSL.

VEGETATION BEGINNING 1.4 NM FROM DER, 392 FT RIGHT OF CENTERLINE, UP TO 6 FT AGL/256 FT MSL.

VEGETATION, TERRAIN BEGINNING 1.5 NM FROM DER, 534 FT RIGHT OF CENTERLINE, UP TO 296 FT MSL.

VEGETATION BEGINNING 1.6 NM FROM DER, 995 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/315 FT MSL.

TERRAIN, VEGETATION BEGINNING 1.7 NM FROM DER, ON AND LEFT OF CENTERLINE, UP TO 410 FT MSL.

VEGETATION BEGINNING 1.7 NM FROM DER, 1493 FT RIGHT OF CENTERLINE, UP TO 6 FT AGL/351 FT MSL.

VEGETATION BEGINNING 1.9 NM FROM DER, 161 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/401 FT MSL.

TERRAIN, VEGETATION BEGINNING 2 NM FROM DER, 326 FT RIGHT OF CENTERLINE, UP TO 456 FT MSL.

VEGETATION 2.1 NM FROM DER, 2753 FT RIGHT OF CENTERLINE, 5 FT AGL/478 FT MSL.

TERRAIN, VEGETATION BEGINNING 2.2 NM FROM DER, 388 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/619 FT MSL.

TERRAIN 2.5 NM FROM DER, 1994 FT RIGHT OF CENTERLINE, 472 FT MSL.

CONTROLLING OBSTACLES:

RWY 32: 310 CG 619 MSL FT TREE 552127.00N/1603242.50W (CLIMB GRADIENT) (CLIMB-TO-ALTITUDE) (CEILING AND VISIBILITY), 350 CG 619 FT MSL TREE 552141.30N/1603259.60W (CLIMB GRADIENT), 719 FT MSL TREE 552203.27N/1603235.83W (CLIMB-TO-ALTITUDE)

QUALITY
3
CHECKED

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RAYMD	THREE	RAYMD3.RAYMD	TWO	03/07/2013	

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAGVAR: PASD, 11E, EPOCH YEAR 2020

DME/DME ASSESSMENT NOT CONDUCTED.

CHART: HOLDING PATTERN AT RAYMD (HOLD NE, LT, 237.92 INBOUND, 5 NM LEGS).

CHART TOP ALTITUDE: ASSIGNED BY ATC

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
SAND POINT	SAND POINT	AK

COMMUNICATIONS:

CTAF, ZAN, CDB FSS

FIXES AND/OR NAVAIDS:



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RAYMD	THREE	RAYMD3.RAYMD	TWO	03/07/2013	

REMARKS:

20 FT VEGETATION HEIGHT USED PER FPT.

FLIGHT INSPECTED BY:

OFFICE SYMBOL:

DATE:

DEVELOPED BY:

HERMAN ROGERS

HERMAN CLAUDE ROGERS
Digitally signed by HERMAN CLAUDE ROGERS
Date: 2017.11.02 09:54:39 -05'00'

OFFICE SYMBOL:

AJV-5432

DATE:

11/01/2017

APPROVED BY:

PATRICK MULQUEEN

OFFICE SYMBOL:

AJV-5430

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

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OTHER:

CDB FSS, ZAN, AMGR

CHANGES - REASONS:

1. CHANGED RUNWAY NUMBERS FROM 13/31 TO 14/32-MAGVAR UPDATED FROM 15W/2005 TO 11E/2020.
2. IN DP ROUTE DESCRIPTION, CHANGED RWY 14 CLIMB HEADING FROM 133.60 TO 137.60, RWY 32 FROM 313.60 TO 317.60, AND THE HOLDING PATTERN INBOUND COURSE FROM 233.92 TO 237.92-MAGVAR UPDATE.
3. CHANGED RWY 32 CLIMB-TO ALTITUDE FROM 800 TO 1000- TO CLEAR 2200 FT MSL AAO PLACED OUTSIDE OF ICA INSIDE TURN BOUNDARY.
4. CHANGED RWY 32 TAKEOFF MINIMUMS FROM :600-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 420 FT PER NM TO 800" TO "700-3 WITH MINIMUM CLIMB OF 310 FT PER NM TO 900 OR STANDARD WITH MINIMUM CLIMB OF 350 FT PER NM TO 900-NEW SURVEY DATA/CONTROLLING OBSTACLES.
5. UPDATED TAKEOFF OBSTACLE NOTES AND CONTROLLING OBSTACLES-NEW VG SURVEY DATA.
6. ADDITIONAL FLIGHT DATA, ADDED HOLDING INSTRUCTIONS AND TOP ALTITUDE DATA-REQUIRED PER CURRENT CRITERIA.

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
RAYMD							THREE	RAYMD3.RAYMD	TWO	03/07/2013	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
RWY 14 (AER)*	551906.71N/1603135.75W*	N	-	-	-	-			*DISPLACED THLD (538 FEET)		
1800 MSL	-	-	-	VA	148.60						
RAYMD	553553.52N/1601233.45W	Y	FO	DF	-	-			LEFT TURN		
RAYMD	553553.52N/1601233.45W	Y	FO	HA	248.92	5	10000		LEFT TURN		
RWY 32 (AER)*	551832.22N/1603058.84W*	N	-	-	-	-			*DISPLACED THLD (575 FEET)		
1000 MSL	-	-	-	VA	328.60	-			700-3 WITH CG 310 FT PER NM TO 900 OR CG 350 FT PER NM TO 900		
RAYMD	553553.52N/1601233.45W	Y	FO	DF	-	-			RIGHT TURN		
RAYMD	553553.52N/1601233.45W	Y	FO	HA	248.92	5	10000		LEFT TURN		

QUALITY
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CHECKED