

**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SUPERSEDED NUMBER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>
RYPAX	TWO	RYPAX2.RYPAX	ONE	11/13/2014	03NOV2022

<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 15: CLIMB ON HEADING 155.33 TO 1120, THEN LEFT TURN DIRECT RYPAX AT OR ABOVE 5600 AT OR BELOW 230 KIAS, THENCE...

... ON ASSIGNED TRANSITION, MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 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>
GETER	RYPAX2.GETER	RYPAX	GETER	TRACK 155.70	15.18	5600	5200	
LAPED	RYPAX2.LAPED	RYPAX	LAPED	TRACK 048.54	13.25	5600	5200	
MERRI	RYPAX2.MERRI	RYPAX	LAMSN	TRACK 048.54	8.77	5600	5200	
		LAMSN	LUCRN	TRACK 321.61	9.53	5600	4800	AT/ABOVE 5900
		LUCRN	MERRI	TRACK 277.04	22.30	6200	6200	AT/ABOVE 6200
SABBY	RYPAX2.SABBY	RYPAX	LAMSN	TRACK 048.54	8.77	5600	5200	
		LAMSN	SABBY	TRACK 321.61	17.65	5900	5900	AT/ABOVE 5900

PROCEDURAL DATA NOTES:**PBN REQUIREMENTS NOTES:**

RNAV 1 - GPS.

EQUIPMENT REQUIREMENT NOTES:**TAKEOFF MINIMUMS:**

RWY 33: NA - ATC

RWY 15: STANDARD WITH MINIMUM CLIMB OF 594 FT PER NM TO 4400.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 15: 2155 FT MSL AAO 390339.00N/1231048.00W. (CLIMB GRADIENT), 3599 FT MSL TERRAIN 390230.00N/1230403.00W. (CLIMB-TO TERMINATION ALTITUDE)

MSA:

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
RYPAX	TWO	RYPAX2.RYPAX	ONE	11/13/2014	03NOV2022

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

REFERENCE MAG VAR: KUKI 13E, EPOCH YR: 2025.

CHART: TOP ALTITUDE: ASSIGNED BY ATC.

DME/DME ASSESSMENT: NOT CONDUCTED.

CHART SPEED ICON: MAXIMUM SPEED 230 KIAS AT RYPAX

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KUKI	UKIAH	CA

COMMUNICATIONS:

CHART: CTAF, ZOA ARTCC

FIXES AND/OR NAVAIDS:

CHART: ENI VORTAC

REMARKS:

RWY 15: 594 FT PER NM CLIMB GRADIENT IS BASED ON OBSTACLE CLEARANCE.

DME/DME/IRU SOLUTIONS NOT AVAILABLE DUE TO LACK OF COVERAGE.

DO NOT CHART MOCA: FROM RYPAX TO GETER, RYPAX TO LAPED, RYPAX TO LAMSN, LUCRN TO MERRI, LAMSN TO SABBY.

FLIGHT INSPECTED BY

THOMAS E MOLOKIE

*Digitally signed by***ERIC N SUSKI**

Jul 21, 2022

OFFICE

FPO

DATE

05/17/2022

DEVELOPED BY

CHRISTOPHER SCHONES

*Digitally signed by***CHRISTOPHER SCHONES**

Jun 27, 2022

OFFICE

AJV-A431

DATE

02/11/2022

APPROVED BY

LONNIE EVERHART

*Digitally signed by***ERIC N SUSKI**

Jul 21, 2022

OFFICE

AJV-A430

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:
A4A ☐
ALPA ☒
AOPA ☒
APA ☐
HAI ☐
NBAA ☒
OTHER: ZOA ARTCC, OAK FSS, AMGR
CHANGES - REASONS:

1. UPDATED KUKI FROM "17E" TO "13E". – MAGVAR.

2. TAKEOFF OBSTACLES NOTES: REMOVED OBSTACLES AND ADDED THE COMMENT "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)". - IAW 8260.46H APPENDIX E SECTION 9.

3. PROCEDURAL DATA NOTES "GPS REQUIRED" AND "RNAV-1" DELETED; PBN REQUIREMENT NOTE "RNAV 1 – GPS" ADDED. - IAW 8260.46.H APPENDIX E SECTION 5.

4. ALL MAGNETIC COURSES/HEADINGS INCREASED FOUR DEGREES - MAG VAR CHANGE.



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RYPAX	TWO	RYPAX2.RYPAX	ONE	11/13/2014	03NOV2022

5. ADDED TOP ALTITUDE - CRITERIA CHANGE REQUIRED SINCE ORIGINAL PUBLICATION.

6. MOVED RYPAX WAYPOINT 1.89 NM EAST. - IAW 8260.58B SECTION 1.2.5.A.3.

7. AT/ABOVE ALTITUDE AT RYPAX INCREASED FROM 3500 TO 5600 - ATC REQUESTED CROSSING ALTITUDE.

8. REMOVED CEJAA, WRKMN, AND BEYTT WAYPOINTS - NO LONGER USED FOR RYPAX SID.

9. ADDED LAMSN AND LUCRN WAYPOINTS - MERRI/SABBY TRANSITIONS REVISED PER ATC REQUEST.

10. CLIMB GRADIENT AND CLIMB-TO ALTITUDE CHANGED FROM "678 FT/NM TO 3100" TO "594 FT/NM TO 4400" - NEW CONTROLLING OBSTACLE/ 2155 FT MSL AAO 390339.00N/1231048.00W. (CLIMB GRADIENT), 3599 FT MSL TERRAIN 390230.00N/1230403.00W. (CLIMB-TO TERMINATION ALTITUDE)

11. REMOVED PROCEDURAL DATA NOTE: "NOTE"MERRI AND SABBY TRANSITIONS: DO NOT EXCEED 230 KIAS UNTIL PASSING BEYTT" - NO LONGER APPLICABLE.

06/23/22: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/18/22.

1. REMOVED PROCEDURAL DATA NOTES: "NOTE: DO NOT EXCEED 230 KIAS UNTIL PASSING RYPAX."

2. UPDATED PBN REQUIREMENTS NOTES: "RNAV 1 - GPS."

3. ADDED TAKEOFF MINMUMS NOTE: "RWY 33: NA - ATC."

4. ADDED ADDTIONAL FLIGHT DATA NOTE: "CHART SPEED ICON: MAXIMUM SPEED 230 KIAS AT RYPAX."

5. ADDED REMARKS: "DO NOT CHART MOCA: FROM RYPAX TO GETER, RYPAX TO LAPED, RYPAX TO LAMSN, LUCRN TO MERRI, LAMSN TO SABBY."



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

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
RYPAX		TWO		RYPAX2.RYPAX		ONE		11/13/2014		03NOV2022	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
RWY 15 (AER)	390754.83N/1231208.77W	N	-	-	-	-					
1120 MSL	-	-	-	VA	168.33	-	AT/ABOVE 1120		CG 594 FT PER NM TO 4400		
RYPAX	385723.96N/1230235.58W	Y	FB	DF	-	-	AT/ABOVE 5600	AT/BELOW 230K	LEFT TURN		
RYPAX	385723.96N/1230235.58W	Y	-	IF	-	-			RYPAX2.GETER		
GETER	384229.98N/1225847.60W	Y	FB	TF	168.70	15.18					
RYPAX	385723.96N/1230235.58W	Y	-	IF	-	-			RYPAX2.LAPED		
LAPED	390342.14N/1224738.26W	Y	FB	TF	061.54	13.25					
RYPAX	385723.96N/1230235.58W	Y	-	IF	-	-			RYPAX2.MERRI		
LAMSN	390134.58N/1225241.73W	Y	FB	TF	061.54	08.77					
LUCRN	391011.40N/1225756.86W	Y	FB	TF	334.61	09.53	AT/ABOVE 5900				
MERRI	391747.22N/1232455.87W	Y	FB	TF	290.04	22.30	AT/ABOVE 6200				
RYPAX	385723.96N/1230235.58W	Y	-	IF	-	-			RYPAX2.SABBY		
LAMSN	390134.58N/1225241.73W	Y	FB	TF	061.54	08.77					
SABBY	391731.77N/1230226.51W	Y	FB	TF	334.61	17.65	AT/ABOVE 5900				

QUALITY
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CHECKED