

**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SUPERSEDED NUMBER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>
RAJEE	FOUR	RAJEE4.RAJEE	THREE	02/01/2018	

<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 8L: CLIMB ON HEADING 077.96 TO 1460, THEN RIGHT TURN DIRECT TO CROSS SOEHL AT OR ABOVE 4000, THEN ON TRACK 133.00 TO CROSS RAJEE AT 7000, THENCE ...  
TAKEOFF RWY 8R: CLIMB ON HEADING 077.97 TO 1460, THEN RIGHT TURN DIRECT TO CROSS SOEHL AT OR ABOVE 4000, THEN ON TRACK 133.00 TO CROSS RAJEE AT 7000, THENCE ...  
TAKEOFF RWY 26L: CLIMB ON HEADING 257.99 TO 1460, THEN LEFT TURN DIRECT TO CROSS SOEHL AT OR ABOVE 4000, THEN ON TRACK 133.00 TO CROSS RAJEE AT 7000, THENCE ...  
TAKEOFF RWY 26R: CLIMB ON HEADING 257.98 TO 1460, THEN LEFT TURN DIRECT TO CROSS SOEHL AT OR ABOVE 4000, THEN ON TRACK 133.00 TO CROSS RAJEE AT 7000, THENCE ...  
...ON TRANSITION. DINTY AND MILIT TRANSITIONS: MAINTAIN 15000. ALL OTHER TRANSITIONS: MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT HIGHER 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>
AVRRY	RAJEE4.AVRRY	RAJEE	ELLBO	TRACK 132.99	6.28	5000	5000	
		ELLBO	ARRDY	TRACK 084.42	29.13	7600	7600	ARRDY AT/ABOVE 13000
		ARRDY	PEELR	TRACK 084.68	22.25	13000	10000	
		PEELR	MTBAL	TRACK 079.71	14.77	13000	8800	
		MTBAL	AVRRY	TRACK 057.20	25.24	13000	7600	
DINTY	RAJEE4.DINTY	RAJEE	NIKKL	TRACK 133.05	4.80	5000	5000	
		NIKKL	SHAYL	TRACK 193.23	6.97	6800	6800	
		SHAYL	ARIII	TRACK 247.55	7.23	6800	6800	
		ARIII	LANAA	TRACK 228.69	10.71	6800	3700	LANAA AT/ABOVE 13000
		LANAA	TUDOO	TRACK 239.90	17.90	13000	3300	TUDOO AT/ABOVE 15000
		TUDOO	SXC VORTAC	TRACK 248.06	16.37	15000	4400	
		SXC VORTAC	DINTY	TRACK 260.92	209.19	15000	4400	
MALIT	RAJEE4.MALIT	RAJEE	NIKKL	TRACK 133.05	4.80	5000	5000	
		NIKKL	SHAYL	TRACK 193.23	6.97	6800	6800	
		SHAYL	ARIII	TRACK 247.55	7.23	6800	6800	

QUALITY  
20  
CHECKED

<u>DP NAME</u>		<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>		<u>ACTUAL EFFECTIVE DATE</u>
RAJEE		FOUR	RAJEE4.RAJEE	THREE	02/01/2018		
	ARIII		LANAA	TRACK 228.69	10.71	6800	3700 LANAA AT/ABOVE 13000
	LANAA		TUDOO	TRACK 239.90	17.90	13000	3300 TUDOO AT/ABOVE 15000
	TUDOO		SXC VORTAC	TRACK 248.06	16.37	15000	4400
	SXC VORTAC		MALIT	TRACK 216.00	80.00	15000	4400
MTBAL	RAJEE4.MTBAL	RAJEE	ELLBO	TRACK 132.99	6.28	5000	5000
	ELLBO		ARRDY	TRACK 084.42	29.13	7600	7600 ARDDY AT/ABOVE 13000
	ARRDY		PEELR	TRACK 084.68	22.25	13000	10000
	PEELR		MTBAL	TRACK 079.71	14.77	13000	8800
OTAYY	RAJEE4.OTAYY	RAJEE	ELLBO	TRACK 132.99	6.28	5000	5000
	ELLBO		JUMPA	TRACK 133.16	6.82	5800	5800
	JUMPA		RORBE	TRACK 138.78	11.47	5800	5800
	RORBE		OTAYY	TRACK 164.89	47.07	9000	4700

**PBN REQUIREMENT NOTES:**

RNAV 1 - DME/DME/IRU OR GPS: OTAYY, MTBAL AND AVRRY TRANSITIONS.  
RNAV 1 - GPS: DINTY AND MALIT TRANSITIONS.

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

**PROCEDURAL DATA NOTES:**

NOTE: TURBOJET AND TURBOPROP AIRCRAFT ONLY.  
NOTE: MALIT AND DINTY TRANSITIONS AVAILABLE BETWEEN 2200 AND 0600 LOCAL ONLY.  
NOTE: DINTY TRANSITION ATC ASSIGNED ONLY.  
NOTE: PARACHUTE JUMPING ALL HOURS, 14000 FT AND BELOW AT JUMPA.  
NOTE: PARACHUTE JUMPING AND ULTRALIGHT ACTIVITIES OVER L65, 14500 FT AND BELOW, NORTH OF TRACK BETWEEN ELLBO AND ARRDY.

**TAKEOFF MINIMUMS:**

RWY 8L/R, RWY 26L/R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1460.

**TAKEOFF OBSTACLES NOTES:**

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

**CONTROLLING OBSTACLES:**

**MSA:**

MSA FROM KONT, 11300.



LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:  
CHART: TOP ALTITUDE: DINTY AND MALIT TRANSITIONS: 15000, ALL OTHER TRANSITIONS: ASSIGNED BY ATC.  
AIRPORT MV: ONT 12E/2020.  
DME/DME ASSESSMENT: SAT (RNP 2.0): OTAYY, MTBAL AND AVRRY TRANSITIONS.  
DME/DME ASSESSMENT: UNSAT: DINTY AND MALIT TRANSITIONS.  
CHART AT JUMPA WP: PARACHUTE JUMPING ALL HOURS 14000 AND BELOW.  
CHART BETWEEN ELLBO AND ARRDY: PARACHUTE JUMPING AND ULTRALIGHT ACTIVITIES NORTH OF THE TRACK BETWEEN ELLBO AND ARRDY.

AIRPORTS SERVED:			
AIRPORT ID	CITY	STATE	
KONT	ONTARIO	CA	

COMMUNICATIONS:  
CHART: ATIS, CLNC DEL, GND CON, ONTARIO TOWER.

FIXES AND/OR NAVAIDS:  
CHART: LVELL, TTRUE, WURMO.

REMARKS:  
THE NOTE ABOUT PARACHUTE JUMPING SHOULD BE PLACED AT JUMPA WAYPOINT.  
THE NOTE ABOUT PARACHUTE JUMPING AND ULTRALIGHT ACTIVITIES SHOULD BE PLACED NORTH OF THE TRACK, EAST OF ELLBO.  
LVELL, TTRUE, AND WURMO SHOULD BE CHARTED AS STAND ALONE WAYPOINTS.  
RWYS 8L/R 500 FT CLIMB GRADIENT DUE TO HIGH TERRAIN EAST OF THE AIRPORT AND OPERATIONAL NEEDS AND RWYS 26L/R CLIMB GRADIENT BASED ON OPERATIONAL NEEDS AND CONSISTENCY.  
100 FT VEGETATION APPLIED.  
MEAS ARE BASED ON COMMUNICATION/RADAR COVERAGE AND TO ACHIEVE DME/DME COVERAGE TO MITIGATE CRITICAL DMES ON AVRRY, MTBAL AND OTAYY TRANSITIONS. DINTY AND MALIT TRANSITIONS ARE OVER THE OCEAN AND GPS REQUIRED, NO DME/DME ASSESSMENT REQUIRED.

FLIGHT INSPECTED BY	Digitally signed by	SIGNATURE	OFFICE	DATE	
GARY J VEER	ERIC N SUSKI		FPO	11/28/2023	
	Dec 08, 2023				
DEVELOPED BY	Digitally signed by	SIGNATURE	OFFICE	DATE	
FRANK JACKSON	FRANK JACKSON		AJV-A431	10/17/2023	
	Oct 20, 2023				
APPROVED BY	Digitally signed by	SIGNATURE	OFFICE	DATE	TITLE
BEV BORDY	ERIC N SUSKI		AJV-A430	10/17/2023	MANAGER
	Oct 27, 2023				

REQUIRED EFFECTIVE DATE  
ROUTINE

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER:ZLA ARTCC, SOCAL APCH, ONT ATCT.

- CHANGES - REASONS:
1. UPDATED DP ROUTE DESCRIPTION FOR ALL RUNWAYS FROM "CLIMB HEADING" TO "CLIMB ON HEADING" - IAW 8260.46 APPENDIX E, PARA C.
  2. UPDATED DP ROUTE DESCRIPTION FOR ALL RUNWAYS ALTITUDE RESTRICTION FROM "AT OR BELOW 7000" TO "AT 7000" - ATC/FPT REQUEST DUE TO AIRSPACE CONFIGURATION.
  3. DELETED ALTITUDE RESTRICTION "ELLBO AT/BELOW 8000" - ATC REQUEST DUE TO AIRSPACE CONFIGURATION.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
RAJEE	FOUR	RAJEE4.RAJEE	THREE	02/01/2018	

4. UPDATED MEA FROM RAJEE TO ELLBO FROM "6500" TO "5000" - UPDATED EVALUATION AND ATC REQUEST.
5. UPDATED MEA FROM ELLBO TO ARRDY FROM "8400" TO "7600" - UPDATED EVALUATION AND ATC REQUEST.
6. UPDATED MOCA FROM ARRDY TO PEELR FROM "10800" TO "10000" - UPDATED TERRAIN EVALUATION.
7. UPDATED MOCA FROM PEELR TO MTBAL FROM "8500" TO "8800" - UPDATED TERRAIN EVALUATION.
8. UPDATED MOCA FROM MTBAL TO AVRRY FROM "7500" TO "7600" - UPDATED TERRAIN EVALUATION.
9. UPDATED MEA FROM RAJEE TO NIKKL FROM "6500" TO "5000" - UPDATED EVALUATION AND ATC REQUEST.
10. UPDATED NIKKL TO SHAYL DISTANCE FROM "6.96" TO "6.97 AND MEA FROM "7000" TO "6800" - DISTANCE CHANGED DUE TO ROUNDING AND MEA ATC REQUEST.
11. UPDATED MEA/MOCA FROM SHAYL TO ARIII FROM "7000/6900" TO "6800/6800" - UPDATED EVALUATION AND ATC REQUEST.
12. UPDATED MEA/MOCA FROM ARIII TO LANAA FROM "7000/5000" TO "6800/3700" - UPDATED EVALUATION AND ATC REQUEST.
13. ADDED NOTE TO ADDITIONAL FLIGHT DATA: DME/DME ASSESSMENT: UNSAT: DINTY AND MALIT TRANSITIONS - TRANSITIONS ARE OVER THE OCEAN AND GPS IS REQUIRED.
14. UPDATED MOCA FROM SXC VORTAC TO DINTY FROM "4200" TO "4400" - UPDATED TERRAIN EVALUATION.
15. UPDATED MOCA FROM SXC VORTAC TO MALIT FROM "4200" TO "4400" - UPDATED TERRAIN EVALUATION.
16. UPDATED MEA FROM ELLBO TO JUMPA FROM "8400" TO "5800" - UPDATED EVALUATION AND ATC REQUEST.
17. UPDATED MEA FROM JUMPA TO RORBE FROM "12000" TO "5800" - UPDATED EVALUATION AND ATC REQUEST.
18. UPDATED MEA/MOCA FROM RORBE TO OTAYY FROM "13000/4600" TO "9000/4700" - UPDATED EVALUATION AND ATC REQUEST.
19. ADDED MSA FROM KONT, 11300 - IAW 8260.46 SECTION 2 PARA K.
20. UPDATED COMMUNICATIONS, DELETED SOCAL DEP CON - IAW 8260.46 SECTION 2 PARA O.
21. ADDED REMARK RWYS 8L/R 500 FT CLIMB GRADIENT DUE TO HIGH TERRAIN EAST OF THE AIRPORT AND OPERATIONAL NEEDS AND RWYS 26L/R CLIMB GRADIENT BASED ON OPERATIONAL NEEDS AND CONSISTENCY - HISTORICAL REFERENCE.
22. CHANGED PROCEDURAL DATA NOTE FROM "RNAV 1" TO "RNAV 1 - DME/DME/IRU OR GPS: OTAYY, MTBAL AND AVRRY TRANSITIONS" AND ADDED "RNAV 1 - GPS: DINTY AND MALIT TRANSITIONS AND PLACED THE NOTE UNDER PBN REQUIREMENT NOTES - IAW 8260.46 APPENDIX E PARA 2 E AND 2-1-1 F(6).
23. DELETED ALL DME DISTANCES FROM ROUTE DESCRIPTIONS - DISTANCES PROVIDED ON 8260-15C FORM.
24. DELETED FROM PROCEDURAL DATA NOTES: NOTE: OTAY, MTBAL AND AVRRY TRANSITIONS: DME/DME/IRU OR GPS REQUIRED AND NOTE: DINTY AND MALIT TRANSITIONS: GPS REQUIRED - ADDED PBN REQUIREMENTS NOTES.
25. DELETED FROM ADDITIONAL FLIGHT DATA: DO NOT CHART MOCAS - IAW 8260.46 SECTION 2 PARA 2 D (8).



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

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
RAJEE						FOUR	RAJEE4.RAJEE	THREE	02/01/2018	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW08L (AER)*	340324.77N/1173710.31W	N	-	-	-	-			*DISPL THLD (997.0 FT)	
1460 MSL	-	-	-	VA	089.96	-	AT/ABOVE 1460		CG 500 FT/NM TO 1460	
SOEHL	335505.52N/1173147.58W	Y	FB	DF	-	-	AT/ABOVE 4000		RIGHT TURN	
RAJEE	334747.81N/1172540.55W	Y	FB	TF	145.00	8.89	AT 7000			
RW08R (AER)	340317.86N/1173658.42W	N	-	-	-	-				
1460 MSL	-	-	-	VA	089.97	-	AT/ABOVE 1460		CG 500 FT/NM TO 1460	
SOEHL	335505.52N/1173147.58W	Y	FB	DF	-	-	AT/ABOVE 4000		RIGHT TURN	
RAJEE	334747.81N/1172540.55W	Y	FB	TF	145.00	8.89	AT 7000			
RW26L (AER)	340317.90N/1173457.20W	N	-	-	-	-				
1460 MSL	-	-	-	VA	269.99	-	AT/ABOVE 1460		CG 500 FT/NM TO 1460	
SOEHL	335505.52N/1173147.58W	Y	FB	DF	-	-	AT/ABOVE 4000		LEFT TURN	
RAJEE	334747.81N/1172540.55W	Y	FB	TF	145.00	8.89	AT 7000			
RW26R (AER)	340324.83N/1173457.21W	N	-	-	-	-				
1460 MSL	-	-	-	VA	269.98	-	AT/ABOVE 1460		CG 500 FT/NM TO 1460	
SOEHL	335505.52N/1173147.58W	Y	FB	DF	-	-	AT/ABOVE 4000		LEFT TURN	
RAJEE	334747.81N/1172540.55W	Y	FB	TF	145.00	8.89	AT 7000			
RAJEE	334747.81N/1172540.55W	Y	-	IF	-	-			RAJEE4.AVRRY	
ELLBO	334238.63N/1172121.48W	Y	FB	TF	144.99	6.28				

QUALITY  
20

QUALITY  
20  
CHECKED

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE
RAJEE		FOUR		RAJEE4.RAJEE		THREE		02/01/2018	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
ARRDY	333918.05N/1164640.81W	Y	FB	TF	096.42	29.13	AT/ABOVE 13000		
PEELR	333639.62N/1162012.96W	Y	FB	TF	096.68	22.25			
MTBAL	333611.93N/1160232.30W	Y	FB	TF	091.71	14.77			
AVRRY	334507.35N/1153414.56W	Y	FB	TF	069.20	25.24			
RAJEE	334747.81N/1172540.55W	Y	-	IF	-	-			RAJEE4.DINTY
NIKKL	334351.12N/1172222.63W	Y	FB	TF	145.05	4.80			
SHAYL	333732.35N/1172555.98W	Y	FB	TF	205.23	6.97			
ARIII	333613.26N/1173426.58W	Y	FB	TF	259.55	7.23			
LANAA	333057.59N/1174536.69W	Y	FB	TF	240.69	10.71	AT/ABOVE 13000		
TUDOO	332521.61N/1180556.49W	Y	FB	TF	251.90	17.90	AT/ABOVE 15000		
SXC VORTAC	332230.20N/1182511.68W	Y	FB	TF	260.06	16.37			
DINTY	332858.49N/1223502.38W	Y	FB	TF	272.92	209.19			
RAJEE	334747.81N/1172540.55W	Y	-	IF	-	-			RAJEE4.MALIT
NIKKL	334351.12N/1172222.63W	Y	FB	TF	145.05	4.80			
SHAYL	333732.35N/1172555.98W	Y	FB	TF	205.23	6.97			
ARIII	333613.26N/1173426.58W	Y	FB	TF	259.55	7.23			
LANAA	333057.59N/1174536.69W	Y	FB	TF	240.69	10.71	AT/ABOVE 13000		
TUDOO	332521.61N/1180556.49W	Y	FB	TF	251.90	17.90	AT/ABOVE 15000		
SXC VORTAC	332230.20N/1182511.68W	Y	FB	TF	260.06	16.37			
MALIT	322832.13N/1193528.25W	Y	FB	TF	228.00	80.00			
RAJEE	334747.81N/1172540.55W	Y	-	IF	-	-			RAJEE4.MTBAL



<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
RAJEE		FOUR		RAJEE4.RAJEE		THREE		02/01/2018	
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
ELLBO	334238.63N/1172121.48W	Y	FB	TF	144.99	6.28			
ARRDY	333918.05N/1164640.81W	Y	FB	TF	096.42	29.13	AT/ABOVE 13000		
PEELR	333639.62N/1162012.96W	Y	FB	TF	096.68	22.25			
MTBAL	333611.93N/1160232.30W	Y	FB	TF	091.71	14.77			
RAJEE	334747.81N/1172540.55W	Y	-	IF	-	-			RAJEE4.OTAYY
ELLBO	334238.63N/1172121.48W	Y	FB	TF	144.99	6.28			
JUMPA	333701.83N/1171641.38W	Y	FB	TF	145.16	6.82			
RORBE	332700.00N/1171000.00W	Y	FB	TF	150.78	11.47			
OTAYY	323954.45N/1170658.45W	Y	FB	TF	176.89	47.07			

