

**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.
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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
RAJEE	ONE	RAJEE1.RAJEE	NONE		2 MARCH 2017
<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 08L: CLIMB 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 OR BELOW 7000, THENCE...

TAKEOFF RWY 08R: CLIMB 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 OR BELOW 7000, THENCE...

TAKEOFF RWY 26L: CLIMB 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 OR BELOW 7000, THENCE...

TAKEOFF RWY 26R: CLIMB 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 OR BELOW 7000, THENCE...

...ON TRANSITION. DINTY AND MALIT 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	RAJEE1.AVRRY	RAJEE	ELLBO	TRACK 132.99	6.28	6500	5000	
		ELLBO	ARRDY	TRACK 084.42	29.13	8400	7600	ARRDY AT/ABOVE 13000
		ARRDY	PEELR	TRACK 084.68	22.25	13000	10800	
		PEELR	MTBAL	TRACK 079.71	14.77	13000	6700	
		MTBAL	AVRRY	TRACK 057.20	25.24	13000	5700	
DINTY	RAJEE1.DINTY	RAJEE	NIKKL	TRACK 133.05	4.80	6500	5000	
		NIKKL	SHAYL	TRACK 193.23	6.96	7000	6800	
		SHAYL	ARIII	TRACK 247.55	7.23	7000	6100	
		ARIII	LANAA	TRACK 228.69	10.71	7000	5000	LANNA 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	4200	

QUALITY
4
CHECKED

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DP NAME			NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER		DATED	EFFECTIVE DATE
RAJEE			ONE	RAJEE1.RAJEE	NONE			2 MARCH 2017
MALIT	RAJEE1.MALIT	RAJEE	NIKKL	TRACK 133.05	4.80	6500	5000	
		NIKKL	SHAYL	TRACK 193.23	6.96	7000	6800	
		SHAYL	ARIII	TRACK 247.55	7.23	7000	6100	
		ARIII	LANAA	TRACK 228.69	10.71	7000	5000	LANNA AT/ABOVE 13000
		LANAA	TUDOO	TRACK 239.90	17.90	13000	3300	TUDOO AT/ABOVE 15000
		TUDOO	SXC VORTAC	TRACK 248.06	16.37	13000	4400	
		SXC VORTAC	MALIT	TRACK 216.00	80.00	15000	4200	
MTBAL	RAJEE1.MTBAL	RAJEE	ELLBO	TRACK 132.99	6.28	6500	5000	
		ELLBO	ARRDY	TRACK 084.42	29.13	8400	7600	ARRDY AT/ABOVE 13000
		ARRDY	PEELR	TRACK 084.68	22.25	13000	10800	
		PEELR	MTBAL	TRACK 079.71	14.77	13000	6700	
OTAYY	RAJEE1.OTAYY	RAJEE	ELLBO	TRACK 132.99	6.28	6500	5000	
		ELLBO	JUMPA	TRACK 133.16	6.82	8400	5800	
		JUMPA	RORBE	TRACK 138.78	11.47	12000	5800	
		RORBE	OTAYY	TRACK 164.89	47.07	13000	2800	

PROCEDURAL DATA NOTES:

NOTE: RNAV 1

NOTE: RADAR REQUIRED.

NOTE: OTAYY AND AVVRY TRANSITIONS: DME/DME/IRU OR GPS REQUIRED.

NOTE: DINTY AND MALIT TRANSITIONS: GPS REQUIRED.

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: FOR NON-GPS EQUIPPED AIRCRAFT ON THE AVVRY TRANSITION, JULIAN VORTAC (JLI) MUST BE OPERATIONAL.

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 08R/L; RWY 26L/R - STANDARD WITH A MINIMUM CLIMB OF 500 FT/NM TO 1460.



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RAJEE	ONE	RAJEE1.RAJEE	NONE		2 MARCH 2017

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 8L, GROUND 81 FT FROM DER, 443 FT LEFT OF CENTERLINE, 936 FT MSL. BUILDING 1605 FT FROM DER, 846 FT LEFT OF CENTERLINE, 975 FT MSL. LIGHT POLES BEGINNING 2042 FT FROM DER, 684 FT LEFT OF CENTERLINE, UP TO 990 FT MSL.

NOTE: RWY 26L, OL ON GS 125 FT FROM DER, 329 FT LEFT OF CENTERLINE, 986 FT MSL. POLE 754 FT FROM DER, 670 FT LEFT OF CENTERLINE, 964 FT MSL. TREES BEGINNING 1050 FT FROM DER, 708 FT LEFT OF CENTERLINE, UP TO 985 FT MSL. TREES 1987 FT FROM DER, 329 FT LEFT OF CENTERLINE, 986 FT MSL.

NOTE: RWY 26R, GROUND, ANTENNA ON BUILDING, BEGINNING 30 FT FROM DER, 396 FT LEFT OF CENTERLINE, UP TO 951 FT MSL. LIGHT POLE 483 FT FROM DER, 263 FT LEFT OF CENTERLINE, 973 FT MSL. POLE, RAILROAD, LIGHT POLE BEGINNING 580 FT FROM DER, 371 FT LEFT OF CENTERLINE, UP TO 978 FT MSL. OL ON DME, OL ON LOC, BEGINNING 369 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 962 FT MSL. LIGHT POLES BEGINNING 1144 FT FROM DER, 211 FT RIGHT OF CENTERLINE, UP TO 981 FT MSL. POLE, LIGHT POLE BEGINNING 1244 FT FROM DER, 543 FT RIGHT OF CENTERLINE, UP TO 986 FT MSL. TREE 1672 FT FROM DER, 696 FT RIGHT OF CENTERLINE, 996 FT MSL. TREES, BEGINNING 2882 FT FROM DER, 673 FT RIGHT OF CENTERLINE, UP TO 1030 FT MSL.

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

CHART: TOP ALTITUDE: DINTY AND MALIT TRANSITIONS: 15000, ALL OTHER TRANSITIONS: AS ASSIGNED BY ATC.

REFERENCE MAGNETIC VARIATION = 12E/2020

DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART AT JUMPA WP: PARACHUTE JUMPING ALL HOURS 14,000 AND BELOW.

CHART BETWEEN ELLBO AND ARRDY: PARACHUTE JUMPING AND ULTRALIGHT ACTIVITIES NORTH OF THE TRACK BETWEEN ELLBO AND ARRDY.
DO NOT CHART MOCAS.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
ONTARIO INTL	ONTARIO	CA

COMMUNICATIONS:

CHART COMMUNICATIONS FOR ATIS, CLNC DEL, GND CON, ONTARIO TOWER, SOCAL DEP CON.

FIXES AND/OR NAVAIDS:

CHART THE FOLLOWING FIXES: LVELL, TTRUE, WURMO.

REMARKS:

1. THE NOTE ABOUT PARACHUTE JUMPING SHOULD BE PLACED AT JUMPA WAYPOINT.
2. THE NOTE ABOUT PARACHUTE JUMPING AND ULTRALIGHT ACTIVITIES SHOULD BE PLACED NORTH OF THE TRACK, EAST OF ELLBO.
3. LVELL, TTRUE, AND WURMO SHOULD BE CHARTED AS A STAND ALONE WAYPOINTS.

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RAJEE	ONE	RAJEE1.RAJEE	NONE		2 MARCH 2017

FLIGHT INSPECTED BY: *Digitally signed by*
JAMES M MEEK **BEV L BORDY**
Dec 21, 2016

OFFICE SYMBOL: **DATE:**
FIOG 12/20/2016

DEVELOPED BY: *Digitally signed by*
SYLVAN DRAKES **SYLVAN DRAKES**
Dec 01, 2016

OFFICE SYMBOL: **DATE:**
AJV-5433 08/31/2016

APPROVED BY: *Digitally signed by*
LONNIE EVERHART **BEV L BORDY**
Dec 21, 2016

OFFICE SYMBOL: **DATE:**
AJV-5430

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:
ATA, ZLA ARTCC, SOCAL APCH, ONT ATCT

CHANGES - REASONS:
THIS IS AN ORIGINAL PROCEDURE.

12/20/16: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/31/16.
1. ADDED DO NOT CHART MOCAS TO ADDITIONAL FLIGHT DATA.



**FEDERAL AVIATION ADMINISTRATION
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DEPARTURE (DATA RECORD)**

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>EFFECTIVE DATE</u>
RAJEE		ONE		RAJEE1.RAJEE		NONE			2 MARCH 2017
<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>
ONTARIO INTL		N	KONT						
RW08L (AER)*	340324.76N/1173710.30W*	N	-	-	-	-			*DISPL THLD (997.0 FT)
1460 MSL	-	-	-	VA	089.96	-			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/BELOW 7000		
RW08R (AER)	340317.85N/1173658.41W	N	-	-	-	-			
1460 MSL	-	-	-	VA	089.97	-			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/BELOW 7000		
RW26L (AER)	340317.89N/1173457.19W	N	-	-	-	-			
1460 MSL	-	-	-	VA	269.99	-			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/BELOW 7000		
RW26R (AER)	340324.82N/1173457.19W	N	-	-	-	-			
1460 MSL	-	-	-	VA	269.98	-			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/BELOW 7000		
TRANSITIONS									

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DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
RAJEE							ONE	RAJEE1.RAJEE	NONE		2 MARCH 2017
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
RAJEE	334747.81N/1172540.55W	Y	-	IF	-	-	AT/BELOW 7000		RAJEE1.AVRRY		
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					
AVRRY	334507.35N/1153414.56W	Y	FB	TF	069.20	25.24					
RAJEE	334747.81N/1172540.55W	Y	-	IF	-	-	AT/BELOW 7000		RAJEE1.DINTY		
NIKKL	334351.12N/1172222.63W	Y	FB	TF	145.05	4.80					
SHAYL	333732.35N/1172555.98W	Y	FB	TF	205.23	6.96					
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	-	-	AT/BELOW 7000		RAJEE1.MALIT		
NIKKL	334351.12N/1172222.63W	Y	FB	TF	145.05	4.80					
SHAYL	333732.35N/1172555.98W	Y	FB	TF	205.23	6.96					
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				

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RAJEE							ONE	RAJEE1.RAJEE	NONE		2 MARCH 2017
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
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	-	-	AT/BELOW 7000		RAJEE1.MTBAL		
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	-	-	AT/BELOW 7000		RAJEE1.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					

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