

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KIENO	FIVE	KIENO5.KIENO	FOUR	20 OCT 11	04 FEB 2016

TYPE: SID

DP ROUTE DESCRIPTION:

RWY 16: CLIMB HEADING 163.85 TO 600, THEN CLIMBING RIGHT TURN TO INTERCEPT HUH R-160 TO KIENO, THENCE...
 RWY 34: CLIMB HEADING 343.85 TO 700, THEN CLIMBING LEFT TURN TO INTERCEPT HUH R-160 TO KIENO, THENCE...
 ...MAINTAIN ASSIGNED TRANSITION ALTITUDE, EXPECT REQUESTED ALTITUDE WITHIN 10 MINUTES.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
PENN COVE	KIENO5.CVV	KIENO	CVV VOR/DME	173.97 (CVV R-354)	25.73	3000	2600	
VICTORIA	KIENO5.YYJ	KIENO	YYJ VOR/DME	259.52 (YYJ R-080)	36.19	6000		
VANCOUVER	KIENO5.YVR	KIENO	YVR VOR/DME	301.05 (YVR R-121)	33.63	3000		

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

CHART NOTE: CHART NOT USABLE FOR TACAN AIRCRAFT.
 CHART NOTE: DME OR RADAR REQUIRED FOR VICTORIA TRANSITION.
 CHART NOTE: AIRCRAFT ON THE VICTORIA TRANSITION MUST CLIMB-IN-HOLD AT KIENO TO 6000 BEFORE CONTINUING TO VICTORIA VOR/DME, HOLD N, RT, 160.00 INBOUND.
 RWY 16: STANDARD WITH MINIMUM CLIMB OF 282 FEET PER NM TO 2500.
 RWY 34: STANDARD.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 16, TREE AND WINDSOCK BEGINNING ABEAM DER, 258 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/187 FT MSL. TREES BEGINNING 180 FT FROM DER, 534 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/199 FT MSL. TREES BEGINNING 747 FT FROM DER, 404 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/213 FT MSL. TREES BEGINNING 1128 FT FROM DER, 56 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/249 FT MSL.
 NOTE: RWY 34, WINDSOCK 92 FT FROM DER, 516 FT RIGHT OF CENTERLINE, 19 FT AGL/169 FT MSL. TREES BEGINNING 1372 FT FROM DER, 698 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/208 FT MSL. TREES BEGINNING 2682 FT FROM DER, 966 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/246 FT MSL. TREES BEGINNING 3079 FT FROM DER, 619 FT RIGHT OF CENTERLINE, UP TO 85 FT AGL/246 FT MSL.

CONTROLLING OBSTACLES:

RWY 16: 1865 FT MSL AAO 484009.62N/1223829.84W (CG/CTA); 2770 FT MSL TOWER 484049.67N/1225026.71W (CIH)
 RWY 34: 2770 FT MSL TOWER 484049.67N/1225026.71W (CIH)

OBSTACLE MANDATING ROUTE DEVELOPMENT: 11000 FT MSL AAO 484641.50N/1214909.00W

LOST COMMUNICATIONS PROCEDURES:



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REMARKS:

THE MRA AT VICTORIA (YYJ) VOR/DME IS RESTRICTED TO 6000 WESTBOUND FROM KIENO ON THE 8260-2 FORM AND IS THE REASON FOR THE CLIMB IN HOLD TO 6000 AT KIENO FOR THE VICTORIA TRANSITION.
RWY 16 ICA TURN AT 600 WITH MINIMUM CG OF 282FT/NM TO 2500 ALSO REQUIRED TO CLEAR 1865 AAO FOR CIH EVALUATION.

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZSE, VICTORIA APP CON, KBLI ATCT, AMGR, WFPT

CHANGES:

1. ADDED "TOP ALTITUDE: ASSIGNED BY ATC".
2. UPDATED TAKEOFF OBSTACLE NOTES.
3. CHANGED DEPARTURE ROUTE DESCRIPTION FOR RWY 16 FROM "CLIMB HEADING 159.85" TO "CLIMB HEADING 163.85".
4. CHANGED DEPARTURE ROUTE DESCRIPTION FOR RWY 34 FROM "CLIMB HEADING 339.85" TO "CLIMB HEADING 343.85".
5. DELETED PAINE TRANSITION.

REASONS:

1. NOTE AS SHOWN IN BOOK 4 OF THE TOP ALTITUDE BOOKS.
2. SURVEY DATED 3/14/2006.
- 3-4. AIRPORT MAGVAR CHANGE FROM 20E/1995 TO 16E/2020.
5. AIRPORT REQUEST DUE TO AIRSPACE BETWEEN NAVY WHIDBEY AND VICTORIA TERMINAL.



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KIENO	FIVE	KIENO5.KIENO	FOUR	20 OCT 11	04 FEB 2016

ARINC SUMMARY - KBLI

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RW16	010		VA	FB		163.9						AA 00600		
RW16	020	KIENO	CF	FB		160.0	HUH							EE
RW34	010		VA	FB		343.9						AA 00700		
RW34	020	KIENO	CF	FB		160.0	HUH		L					EE
CVV	010	KIENO	IF	FB										E
CVV	020	CVV	TF	FB										VE
YVR	010	KIENO	IF	FB										E
YVR	020	YVR	TF	FB										VE
YYJ	010	KIENO	IF	FB										E
YYJ	020	KIENO	HA	FO		160.0			R			AA 06000		E
YYJ	030	YYJ	TF	FB										VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
YVR	N490438.35	W1230856.66
YYJ	N484337.35	W1232903.70
CVV	N481440.90	W1224327.90
HUH	N485643.03	W1223445.32
KIENO	N483943.79	W1223445.20

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW16	N484806.75	W1223215.20	00163
RW34	N484700.63	W1223214.93	00170

