

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD TERMINAL ARRIVAL (STAR)

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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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
<b>MADEE (RNAV)</b>	<b>SIX</b>	<b>MADEE.MADEE6</b>	<b>FIVE</b>	<b>10/05/2023</b>	

**TRANSITION ROUTES:**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
KONAH	KONAH.MADEE6	KONAH	KONAH						AT/ABOVE 16000
			EVRTT	333.04	06.29	10000	3200		BETWEEN 14000 AND 16000
			MADEE	333.01	19.60	4000	3200		

**ARRIVAL ROUTE DESCRIPTION:**

LANDING BLI RWY 16: FROM MADEE ON TRACK 332.95/18.20 TO CROSS GERRD BETWEEN 5000 AND 7000, THEN ON TRACK 306.52/11.38 TO CROSS UCAKI AT OR ABOVE 4000, THEN ON TRACK 343.76/6.30 TO CROSS YAANO AT OR ABOVE 2000, THEN ON TRACK 343.76. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING BLI RWY 34: FROM MADEE ON TRACK 322.26/14.56 TO CROSS TUBTY AT 4000 AND AT 210 KIAS, THEN ON TRACK 343.85. EXPECT RNAV (RNP/GPS) RWY 34 APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING CZBB/CYXX: FROM MADEE ON TRACK 332.95/18.20 TO CROSS GERRD BETWEEN 5000 AND 7000, THEN ON TRACK 306.52/11.38 TO CROSS UCAKI AT OR ABOVE 4000, THEN ON TRACK 343.76/6.30 TO CROSS YAANO AT OR ABOVE 2000, THEN ON TRACK 343.76. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

**PBN REQUIREMENT NOTES:**

RNAV 1 - DME/DME/IRU OR GPS

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED

**PROCEDURAL DATA NOTES:**

NOTE: BLI LANDING NORTH EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER TUBTY.

NOTE: BLI LANDING SOUTH EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER YAANO.

NOTE: LANDING CYXX: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER YAANO.

NOTE: LANDING CZBB: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER UCAKI.

**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT TECUV: HOLD NW, RT, 135.90 INBOUND, 4 NM LEGS.

**COMMUNICATIONS:**

CHART: VICTORIA TERMINAL APP CON 132.7

CHART: WHIDBEY APP CON

CHART: BLI TWR

CHART: CYXX TWR

CHART: CRANBROOK RADIO

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
BLI	BELLINGHAM	WA
CYXX	ABBOTSFORD, BRITISH COLUMBIA	
CZBB	DELTA, BRITISH COLUMBIA	

QUALITY  
14  
CHECKED

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MADEE (RNAV)	SIX	MADEE.MADEE6	FIVE	10/05/2023	

**LOST COMMUNICATIONS PREFERENCES:**

LANDING BLI RWY 16: AFTER UCAKI CONDUCT RNAV (RNP) Z RWY 16 APPROACH; IF UNABLE, PROCEED TO YAANO MAINTAIN 2000 AND PROCEED TO TECUV AND HOLD.  
LANDING CYXX AND CZBB: AFTER YAANO MAINTAIN 2000 AND PROCEED TO TECUV AND HOLD.

**REMARKS:**

COMMS ARE ATC SPECIFIC; CHART AS INDICATED.  
MVA AFTER YAANO CONFIRMED AS 2000 FT MSL BY NAV CANADA ATC.  
10000 FT MEA KONAH-EVRTT NEEDED FOR D/D/I NAVIGATION.  
OBST AAO 2123 MSL LOCATED DOWNSTREAM IN RWY TRANSITIONS (BETWEEN MADEE-GERRD) DRIVES A 3200 FT MOCA VALUE.

**ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0)  
MAG VAR: BLI 16E/2020.  
CHART AT TUBTY TERMINUS: BLI LDG RWY 34.  
CHART AT YAANO TERMINUS: LDG CYXX AND CZBB.  
CHART AT YAANO TERMINUS: BLI LDG RWY 16.

**FLIGHT INSPECTED BY:**

**ORGANIZATION:** **DATE:**

Flight Inspected Signature: \_\_\_\_\_

**DEVELOPED BY:**

CASIMIR TABAKA (ROBERT SWINSON)

AJV-A432

3/28/2025

Developed By Signature: \_\_\_\_\_

**APPROVED BY:**

CASIMIR TABAKA

AJV-A432

Approved By Signature: \_\_\_\_\_

**CHANGES:**

1. AMENDED RWY 34 ARRIVAL ROUTE DESCRIPTION; CHANGED CROSSING RESTRICTION AT TUBTY FROM AT/ABOVE 3000 TO AT 4000.
2. REPLACED PAE VOR/DME WITH NEW KONAH WP AS BEGINNING STAR FIX WITH A RESTRICTION OF AT/ABOVE 16000 AND AT/BELOW 270 KIAS.
3. CHANGED RESTRICTION AT EVRTT FROM AT/ABOVE 14000 TO BETWEEN 14000 AND 16000.
4. DELETED PROCEDURAL DATA NOTE: "LANDING BLI RUNWAY 16, CYXX AND CZBB: FOR NON-GPS EQUIPPED AIRCRAFT, CVV DME MUST BE OPERATIONAL."
5. AMENDED COMMUNICATIONS DATA FOR VICTORIA TERMINAL APP CON TO ONLY 132.7.
6. ENROUTE MOCA VALUES CHANGED FROM 2100 TO 3200; MEA AT MADEE FROM 3000 TO 4000.
7. REMOVED K IDENT FOR BLI FROM 17.1 FORM.
8. REMOVED REMARK 3000 MEA EVRTT MADEE NEEDED TO ALLOW DESCENT TO 3000 ON RWY 34 TRSN.
9. ADDED AAO OBST REMARK.
10. ADDED COMM REMARK.



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**REASONS:**

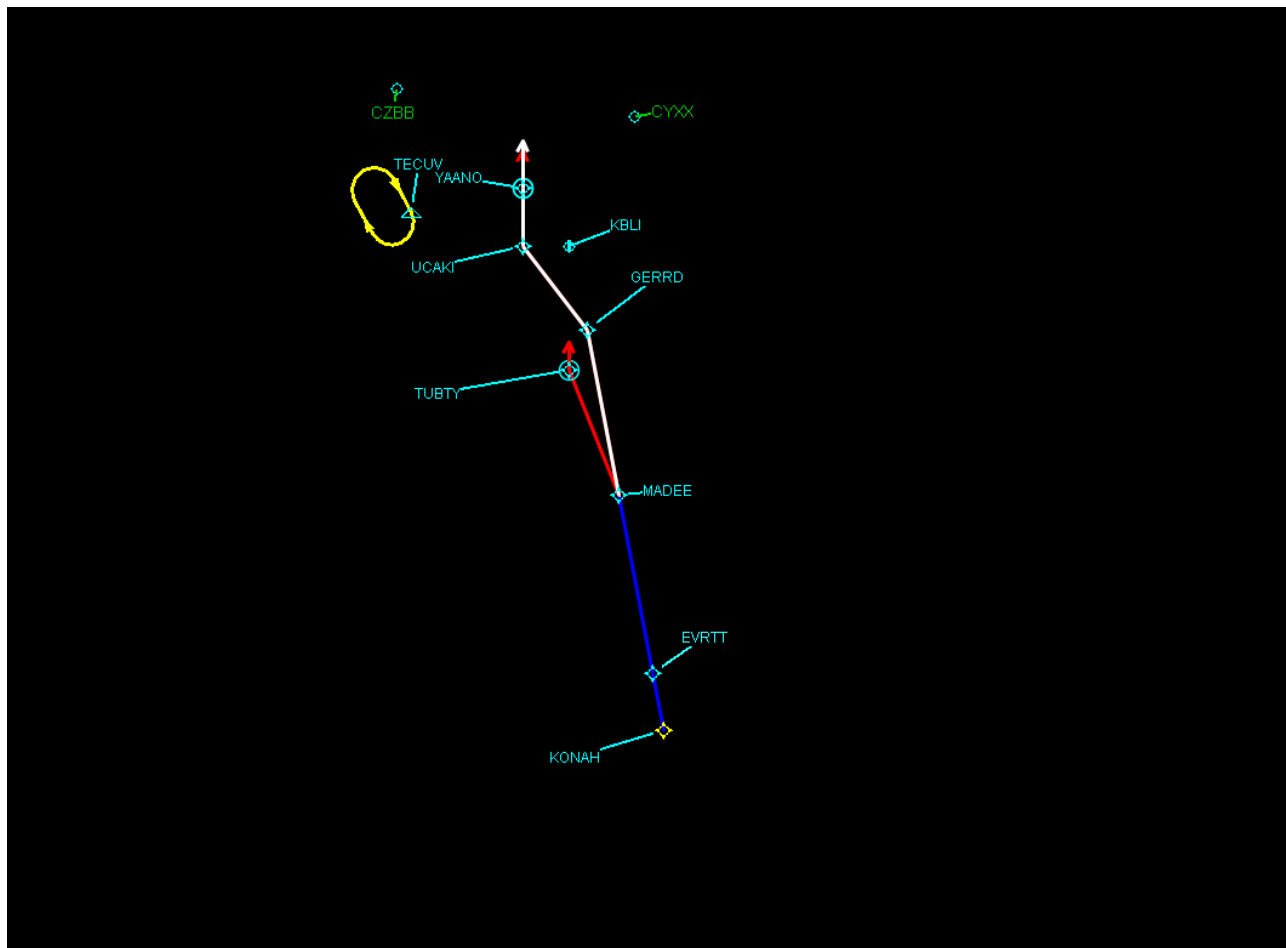
- 1-3: ATC REQUEST.
4. CVV NO LONGER A CRITICAL DME. UPDATED DME/DME/IRU ANALYSIS.
5. CORRECTION TO THE CURRENT CHARTING AS PREVIOUS 120.7 IS NOT A VICTORIA ATC FREQUENCY.
- 6, 9. OBST LOCATED DOWNSTREAM IN TRANSITION ROUTES; PROTECT FOR ROC VALUE.
7. IAW CURRENT DOCUMENTATION STANDARDS.
8. NO LONGER APPLICABLE.
10. COMMS ARE NON-STANDARD FOR THIS LOCATION.



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<b>Graphic Depiction 1</b>					



FEDERAL AVIATION ADMINISTRATION  
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STAR (DATA RECORD)

Arrival Name MADEE (RNAV)	Number SIX		STAR Computer Code MADEE.MADEE6			Superseded Number FIVE		Dated 10/05/2023	Effective Date
<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>
En Route Transition									
KONAH	475517.88N / 1221641.95W	Y		IF			AT/ABOVE 16000	AT/BELOW 270K	KONAH.MADEE6
EVRTT	480128.26N / 1221828.91W	Y	FB	TF	349.04	06.29	14000B16000		
MADEE	482041.70N / 1222404.81W	Y	FB	TF	349.01	19.60			
Common Route									
MADEE	482041.70N / 1222404.81W	Y		IF					MADEE.MADEE6
GERRD	483832.56N / 1222920.45W	Y	FB	TF	348.95	18.20	5000B7000		
UCAKI	484733.45N / 1223948.81W	Y	FB	TF	322.52	11.38	AT/ABOVE 4000		
YAANO	485351.15N / 1223951.22W	Y	FO	TF	359.76	06.30	AT/ABOVE 2000		
CYXX,CZBB				FM	359.76				
Runway Transition									
MADEE	482041.70N / 1222404.81W	Y		IF					
GERRD	483832.56N / 1222920.45W	Y	FB	TF	348.95	18.20	5000B7000		
UCAKI	484733.45N / 1223948.81W	Y	FB	TF	322.52	11.38	AT/ABOVE 4000		
YAANO	485351.15N / 1223951.22W	Y	FO	TF	359.76	06.30	AT/ABOVE 2000		
KBLI:RWY 16				FM	359.76				
Runway Transition									
MADEE	482041.70N / 1222404.81W	Y		IF					
TUBTY	483412.18N / 1223211.90W	Y	FO	TF	338.26	14.56	AT 4000	AT 210K	
KBLI:RWY 34				FM	359.85				

