

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			
TERMINAL ROUTES		MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE
COLTU (IF/IAF)	RAROE (FB)	146.74 / 4.20	2800
RAROE (FAF)	JIRMA/2.30 NM TO RW15 (FB)	146.78 / 2.97	
JIRMA/2.30 NM TO RW15	RW15 (MAP) (FO)	146.81 / 2.30	
RW15 (MAP)	1460 MSL	146.81	3000
1460 MSL	OTBEE (FO)		
		LNAV: RW15 CLIMB TO 3000 DIRECT OTBEE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 326.91 INBOUND. CHART FAS OBST: 1158 TREE 490152N/0960030W RAROE TO RW15: 3.00/40 CHART US CANADIAN BORDER SUBDUED.	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW COLTU, RT, 146.74 INBOUND, 3700 FT. IN LIEU OF PT (IAF) 3. FAC: <u>146.78</u> FAF: <u>RAROE</u> DIST FAF TO MAP: <u>5.27</u> THLD: <u>5.27</u> 4. MIN. ALT: COLTU 3700, RAROE 2800, JIRMA/2.30 NM TO RW15 1840 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: 34:1 IS NOT CLEAR 8. MSA FROM: RW15 2700			
		MAG VAR: 5E EPOCH YEAR: 1995	
MINIMUMS			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A X	
CATEGORY =====>	A	B	C
DH/MDA	VIS	HAT/HAA	DH/MDA
LNAV MDA	1	378	1
CIRCLING	1	418	1
1460	1	378	1
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT COLTU ON V175 SOUTHEAST BOUND.

CITY AND STATE
PINECREEK, MN

ELEVATION: 1082 THRE: 1082
AIRPORT NAME:
PINEY PINECREEK BORDER

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 15, ORIG
15 NOVEMBER 2012

SUP:
AMDT: NONE
DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 48Y K3FR15	ACOLTU	010COLTUCYEA0EE	AR	HF			14670040	+ 03700	18000			B JS	
SUSAP 48Y K3FR15	R	010COLTUCYEA0E	I	IF				+ 03700	18000			B JS	
SUSAP 48Y K3FR15	R	020RAROECEYEA1E	F	051TF			14670042	+ 02800			RW15	K3PGB	JS
SUSAP 48Y K3FR15	R	020RAROECEYEA2WN			N	ALNAV							JS
SUSAP 48Y K3FR15	R	021JIRMACYEA0E	S	031TF			14680030	V 0184001855		-300		B JS	
SUSAP 48Y K3FR15	R	030RW15 K3PGOGY	M	031TF			14680023	01122		-300		B JS	
SUSAP 48Y K3FR15	R	040	0	M	CA		1468	+ 01460				B JS	
SUSAP 48Y K3FR15	R	0500TBEEK3EA0EY		DF				+ 03000				B JS	
SUSAP 48Y K3FR15	R	0600TBEEK3EA0EE	R	HM			32690040	+ 03000				B JS	

[illegible][illegible]

CITY AND STATE PINECREEK, MN	ELEVATION: 1082 THRE: 1082 AIRPORT NAME: PINEY PINECREEK BORDER	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 15, ORIG 15 NOVEMBER 2012	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	COLTU	COLTU	010	IAF	HF	R	FO		146.7(151.7T)	004.0	AA 03700	
		COLTU	010	FACF	IF		FB				AA 03700	
		RAROE	020	FAF	TF		FB	0.5	146.7(151.7T)	004.2	AA 02800	
		JIRMA	021	SDF	TF		FB	0.3	146.8(151.8T)	003.0	AA 01840	GS 01855
		RW15	030	MAP	TF		FO	0.3	146.8(151.8T)	002.3	AT 01122	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		146.8(151.8T)		AA 01460	
	OTBEE	050		DF		FO				AA 03000	
	OTBEE	060		HM	R	FO		326.9(331.9T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COLTU	N490830.57	W0960555.41	N4908.510	W09605.924
	JIRMA	N490212.19	W0960046.19	N4902.203	W09600.770
	RAROE	N490449.00	W0960254.15	N4904.817	W09602.903
	OTBEE	N485222.30	W0955247.04	N4852.372	W09552.784
	RW15	N490010.65	W0955907.18	N4900.178	W09559.120

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	01082	40

CITY AND STATE
PINECREEK, MN

ELEVATION: **1082** THRE: **1082**
 AIRPORT NAME:
PINEY PINECREEK BORDER

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 15, ORIG
15 NOVEMBER 2012

SUP:
 AMDT: **NONE**
 DATED: