

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.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 DIRECT TIDDU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 217.89 INBOUND. CHART FAS OBST: 1022 TREE 444124N/0853524W OBST: 1118 AAO 444063N/0853600W DISTANCE TO THLD FROM 275 HATH: 0.71 NM. WAAS CHANNEL # 53733 REFERENCE PATH ID: W36A CHART CIRCLING ICON LTP HAE: 155.5 M											
PUMRE (IF/IAF)	ZOGYU (FB)	005.17 / 5.22	2300												
ZOGYU (FAF)	XOTYY/3.00 NM TO RW36 (FB)	005.17 / 2.11													
XOTYY/3.00 NM TO RW36	RW36 (MAP) (FO)	005.17 / 3.00													
RW36 (MAP)	1400 MSL	005.17	1400												
1400 MSL	TIDDU (FO)		3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S PUMRE, RT, 005.17 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 005.17 FAF: ZOGYU DIST FAF TO MAP: 5.11 THLD: 5.11 4. MIN. ALT: PUMRE 3000, ZOGYU 2300, XOTYY/3.00 NM TO RW36 1620* 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2300 GS ALT AT: ZOGYU 2300 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 48.4 34:1 IS NOT CLEAR 8. MSA FROM:				MAG VAR: 5W EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	898	7/8	275	898	7/8	275	898	7/8	275	898	7/8	275			
LNAV/VNAV DA	1145	1 3/4	522	1145	1 3/4	522	1145	1 3/4	522	1145	1 3/4	522			
LNAV MDA	1280	1	657	1280	1	657	1280	1 7/8	657	1280	1 7/8	657			
CIRCLING	1280	1	656	1280	1	656	1500	2 1/2	876	1720	3	1096			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING ANTRIM COUNTY ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY (SEE FORM 8260-10)															
CITY AND STATE				ELEVATION: 624 THRE: 623		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
TRAVERSE CITY, MI				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 36, ORIG				AMDT: NONE			
				CHERRY CAPITAL				22 AUGUST 2013				DATED			

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: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE ANTRIM COUNTY ALTIMETER SETTING; INCREASE ALL DA 51 FT AND ALL MDA 60 FT, INCREASE LNAV/VNAV ALL CATS AND CIRC CAT C VISIBILITIES 1/4 MILE, AND INCREASE LPV ALL CATS, LNAV CAT C/D AND CIRC CAT D VISIBILITIES 1/8 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: RWY 36 STRAIGHT IN AND CIRCLING AND CIRCLING TO RWY 18 NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	275/30 CW 095/30 (NOPT)	275/5 CW 095/6 (IF/IAF) (FB)	4000
2.	275/5 CW 095/5	PUMRE (IF/IAF) (FB)	3000
3.	095/30 CW 275/30	PUMRE (IF/IAF) (FO)	3500

QUALITY
6
CHECKED

CITY AND STATE

TRAVERSE CITY, MI

ELEVATION: 624

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RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KTVC
RUNWAY RW36
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W36A
LTP/FTP LATITUDE 444407.9065N
LTP/FTP LONGITUDE 0853515.8995W
LTP/FTP ELLIPSOIDAL HEIGHT +01555
FPAP LATITUDE 444537.0005N
FPAP LONGITUDE 0853515.5275W
THRESHOLD CROSSING HEIGHT (TCH) 00048.4
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1112
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

B3676831

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +01900
FPAP ORTHOMETRIC HEIGHT +01900

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KTVCK5FR36	APUMRE	010PUMREK5EA0EE	AR	HF		00520040	+	03000	18000		A	JS
SUSAP	KTVCK5FR36	R	010PUMREK5EA0E	I	IF			+	03000	18000		A	JS
SUSAP	KTVCK5FR36	R	020ZOGYUK5EA1E	F	051TF		00520052	+	02300			A	JS
SUSAP	KTVCK5FR36	R	020ZOGYUK5EA2WALPV			ALNAV/VNAV						JS	
SUSAP	KTVCK5FR36	R	021XOTYYK5EA0E	S	031TF		00520021	V	0162001627	-300		A	JS
SUSAP	KTVCK5FR36	R	030RW36	K5PG0GY	M	031TF	00520030		00672	-300		A	JS
SUSAP	KTVCK5FR36	R	040		O	M	0052	+	01400			A	JS
SUSAP	KTVCK5FR36	R	050TIDDUK5EA0EY	R	DF			+	03000			A	JS
SUSAP	KTVCK5FR36	R	060TIDDUK5EA0EE	R	HM		21790040	+	03000			A	JS

[illegible][illegible]

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	AIRPORT NAME: CHERRY CAPITAL	RNAV	RNAV (GPS) RWY 36, ORIG 22 AUGUST 2013	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
	PUMRE	PUMRE	010	IAF	HF	R	FO		005.2 (000.2T)	004.0	AA 03000	
		PUMRE	010	FACF	IF		FB				AA 03000	
		ZOGYU	020	FAF	TF		FB	0.5	005.2 (000.2T)	005.2	AA 02300	
		XOTYY	021	SDF	TF		FB	0.3	005.2 (000.2T)	002.1	AA 01620	GS 01627
		RW36	030	MAP	TF		FO	0.3	005.2 (000.2T)	003.0	AT 00672	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		005.2 (000.2T)		AA 01400	
	TIDDU	050		DF	R	FO				AA 03000	
	TIDDU	060		HM	R	FO		217.9 (212.9T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PUMRE	N443347.95	W0853518.48	N4433.799	W08535.308
	TIDDU	N445240.72	W0852135.16	N4452.679	W08521.586
	XOTYY	N444107.92	W0853516.65	N4441.132	W08535.278
	ZOGYU	N443901.14	W0853517.18	N4439.019	W08535.286
	RW36	N444407.91	W0853515.90	N4444.132	W08535.265

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00623	48

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