

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**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		
TVC VOR/DME	WUKTU (FO)	076.04 / 11.08	3000	LPV: DA LNAV/VNAV: DA LNAV: RW28	
WUKTU (IF/IAF)	OTUYO (FB)	278.90 / 5.00	2600	CLIMB TO 3000 DIRECT BEAAR AND HOLD.	
OTUYO (FAF)	AYATA/2.73 NM TO RW28 (FB)	278.82 / 3.36			
AYATA/2.73 NM TO RW28	RW28 (MAP) (FO)	278.82 / 2.73			
RW28 (MAP)	807 MSL	278.82			
807 MSL	BEAAR (FO)		3000	ADDITIONAL FLIGHT DATA: HOLD W, RT, 098.50 INBOUND. CHART FAS OBST: 1081 TREE 444341N/0852952W WAAS CHANNEL # 97535 REFERENCE PATH ID: W28A DISTANCE TO THLD FROM 200 HAT: 0.46NM CHART CIRCLING ICON. CHART VDP AT 2.16 MILES TO RW28* * LNAV ONLY. LTP HAE: 150.5 M	

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD E WUKTU, RT, 278.90 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 278.82 FAF: OTUYO DIST FAF TO MAP: 6.10 THLD: 6.10
4. MIN. ALT: WUKTU 3000, OTUYO 2600, AYATA/2.73 NM TO RW28 1520\*
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 2600 GS ALT AT: OTUYO 2600 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS 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 #	807	1/2	200	807	1/2	200	807	1/2	200	807	1/2	200			
LPV DA	954	7/8	347	954	7/8	347	954	7/8	347	954	7/8	347			
LNAV/VNAV DA	1321	2	714	1321	2	714	1321	2	714	1321	2	714			
LNAV MDA	1340	1/2	733	1340	1/2	733	1340	1/2	733	1340	1/2	733			
CIRCLING	1340	1	716	1340	1	716	1500	2 1/2	876	1720	3	1096			

NOTES:  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (2F) OR ABOVE 54C (130F).

@ CAT C 900-2 1/2, CAT D 1100-3  
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

(SEE FORM 8260-10)

CITY AND STATE TRAVERSE CITY, MI	ELEVATION: 624 THRE: 607 AIRPORT NAME: CHERRY CAPITAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG 3 APRIL 2014	SUP: AMDT: NONE DATED
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NOTES, (CONT.):

CHART NOTE: BARO-VNAV AND VDP NA WITH BELLAIRE ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, BELLAIRE ALTIMETER SETTING: INCREASE DA 51 FT AND ALL MDA 60 FT. INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE AND LNAV CAT B VISIBILITY 1/4 MILE AND C/D VISIBILITIES 1/8 MILE AND CIRCLING CAT B/C VISIBILITY 1/4 MILE.

CHART NOTE: #MISSED APPROACH REQUIRES MINIMUM CLIMB OF 237 FEET PER NM TO 2000.

CHART NOTE: CIRCLING TO RWY 18 NA AT NIGHT.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE ALL LPV ALL CATS VISIBILITY TO 1 1/4, LNAV CATS C/D VISIBILITY TO 2 MILES.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING BELLAIRE ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILE, LNAV CATS C/D VISIBILITY TO 2 1/2 MILES.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TVC VOR/DME AIRWAY ON RADIALS 035 CW 153.

TAA

	FROM	TO	ALT
1.	009/30 CW 189/30 (NOPT)	WUKTU (IF/IAF) (FB)	3500
2.	189/30 CW 009/30	WUKTU (IF/IAF) (FO)	3200



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	AIRPORT NAME: CHERRY CAPITAL		3 APRIL 2014	AMDT: NONE
				DATED:

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTVC
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	444423.7775N
LTP/FTP LONGITUDE	0853350.0480W
LTP/FTP ELLIPSOIDAL HEIGHT	+01505
FPAP LATITUDE	444429.5400N
FPAP LONGITUDE	0853554.8000W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0648
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 50FDE27B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01850
FPAP ORTHOMETRIC HEIGHT	+01850



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			3 APRIL 2014	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
	TVC	TVC	010		IF		FB					
	TVC	WUKTU	020		TF		FO	2.0	076.0(071.0T)	011.1	AA 03000	
	WUKTU	WUKTU	010	IAP	HF	R	FO		278.9(273.9T)	004.0	AA 03000	
		WUKTU	010	FACF	IF		FB				AA 03000	
		OTUYO	020	FAF	TF		FB	0.5	278.9(273.9T)	005.0	AA 02600	
		AYATA	021	SDF	TF		FB	0.3	278.8(273.8T)	003.4	AA 01520	GS 01529
		RW28	030	MAP	TF		FO	0.3	278.8(273.8T)	002.7	AT 00659	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		278.8(273.8T)		AA 00807	
	BEAAR	050		DF		FO				AA 03000	
	BEAAR	060		HM	R	FO		098.5(093.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	TVC	N444004.49	W0853300.06	N4440.075	W08533.001
	AYATA	N444413.07	W0853000.44	N4444.218	W08530.007
	BEAAR	N444514.00	W0855227.21	N4445.233	W08552.454
	OTUYO	N444359.73	W0852518.09	N4443.996	W08525.302
	WUKTU	N444339.53	W0851818.22	N4443.659	W08518.304
	RW28	N444423.78	W0853350.05	N4444.396	W08533.834

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00607	52



CITY AND STATE <b>TRAVERSE CITY, MI</b>	ELEVATION: <b>624</b>	THRE: <b>607</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:	<b>CHERRY CAPITAL</b>	<b>RNAV</b>	<b>RNAV (GPS) RWY 28, ORIG</b>	AMDT: <b>NONE</b>
				<b>3 APRIL 2014</b>	DATED: