



Road Running Technical Council USA Track & Field USATF Measurement Certificate



Name of the course	Fredericksburg B	Blue & Gray Ha	lf-Marathon	Distance	21.0975 km
-	Virginia (city)				
	d race 🗵 calibration co				
	bicycle 🗵 steel tape [distance mete	r 🗆	
Measured by (name, add	dress, phone & e-mail) V	– ic Culp, P.O. E	3ox 8241	_	
	A 22404. (540) 310-48				
	dress, phone & e-mail) V				
Date(s) when course me	easured: 8/13, 9/17, 10	/8, and 10/29,	2017		
Number of measuremen	its of entire course: 2	Course Confi	guration:	complex of	of loops
Elevation (meters above	e sea level) Start8 m	1 Finish	8 m H	fighest 78 m	Lowest 6 m
Straight line distance be	tween start & finish	0 m	Drop	0 m/km Sep	varation%
Type of surface: pave	d <u>99</u> % dirt <u>1</u>	% gravel _	%	grass%	track%
Effective date of certific	eation: November	er 26, 2017	Certific	ation code:\	/A17048RT
					nis Certification Code relating to your race.
Racad on av	Be It Of	fficially			d above and
in the map a dards adopte	attracted is hereby certified d by the Road Running Tecomes void, and the course	as reasonably ac chnical Council. I	ccurate in mea f <i>any</i> changes	asurement according	to the stan-
of USA Trac the Road Ru	of Course — In the event ask & Field, a verification remning Technical Council. In ords will be rejected and the	measurement ma If such a remeasu	y be required rement show	to be performed by a sthe course to be sh	a member of
Thi	s certification expire	s on Decembe	er 31 in the	year 2027	
	AS NATI	ONALLY CE	RTIFIED	BY:	
	Robert T	hurston		Date: N o	v. 27, 2017
	SATF/RRTC Certifier				
13 Kennedy St NE, V	Vashington DC 20011 (2	202) 726-1518 (h); (202) 431	1-0585 (m). e: thui	rret@aol.com