

NARRATIVE REPORT OF VALIDATION ACTIVITY  
FLOSSMOOR FEST 5K (IL-01057-JW)  
FLOSSMOOR, ILLINOIS

This validation measurement of the subject course took place on Saturday morning, 23 November 2002. Accompanying me on the measurement ride was Jim Harper, who was involved with the conduct of the event and is familiar with how the course was used,

The course in question is a 5000 meter course which begins and ends next to two parks in the center of Flossmoor, an established suburb south of Chicago. The course meanders through residential areas and a small commercial area.

We began by setting a 300 meter calibration course on NAME OF street just across Flossmoor Road from the starting line. The measurement of the calibration course was on dry pavement in temperatures near freezing, so eight centimeters was added to the nominal measurement as a temperature correction. The bicycle was calibrated on this course and the measurement began just before 8 AM.

The course was measured from the start to the finish. The start was clearly marked on the street with paint and Jim Harper verified that the point in question was indeed where the race started. The measurement proceeded along the Shortest Possible Route with little interference. The finish was marked similarly and the same verification was provided. Both were in the locations specified on the certificate. The measurement took approximately 15 minutes and the bicycle was then recalibrated on the same 300 meter calibration course.

The results of the measurement are shown as attachment "A". Based on the measurement it is my opinion that the course is 5002.86 meters or 2. XX meters longer than the advertised distances. I would recommend that any records set on the course be honored.

USATF's policy on a finding like this one is that the record should be honored and the course remain certified. Because the validation measurement found the course to be less than 5005 meters (that is, the advertised distance plus a short course prevention factor of 0.1 percent), should another apparent record be set the course would be subject to another validation measurement. This measurement could be avoided if 2.XX meters were to be added to the course and a new application for certification submitted reflecting the changes in the course.

Overall I felt that the measurement was fair to the course. I generally kept the front wheel of the bicycle between 20 and 30 centimeters from the curb or edge of pavement on all curves. It was in some places difficult to get much closer than that to the curb because of the crown of the street, the interface between the curb and the street, and the presence of drainage grates in the curbs. Parked cars along the course were minimal and did not materially interfere with the SPR. I suspect that if I had had a second opportunity to measure the course I might have been able to follow a slightly more efficient line and thus might have come up with a measurement a meter or so shorter. That would not be material to the findings, however.

A copy of the original USATF Measurement Certificate is included as attachment "C".

Please direct any questions regarding the measurement or this report to my attention .

Respectfully submitted,

Jay W. Wight  
USATF/RRTC National Certifier  
IAAF "A" Measurer

## VALIDATION REPORT

Name of the Race: Flossmoor Fest 5K Location: Flossmoor, Illinois

Date of Race: 15-Sep-01 Course ID #: IL-01057-JW

Advertised Race Distance 5000 meters

Describe how you determined the exact route used by the race in question?

Consultation with race director

Validation Measurement Data (if such measurement is required or necessary)

Calibration Course Set on site Length 300 meters

Is the calibration course a previously certified course? Yes No

If the answer to the above question is yes, please check the length of this course.

Please indicate the method used to check the length of this course and the results.

Set new 300 meter course on Brassie Street across Flossmoor Road from starting line

### 1. Pre-Measurement Calibration:

Time of Day 8:05 AM Temperature 34 F

Finish Count	Start Count	=	Difference
<u>71650</u> minus <u>68858</u>	<u>68858</u>	=	<u>2792</u>
<u>74442</u> minus <u>71650</u>	<u>71650</u>	=	<u>2792</u>
<u>77234</u> minus <u>74442</u>	<u>74442</u>	=	<u>2792</u>
<u>80026</u> minus <u>77234</u>	<u>77234</u>	=	<u>2792</u>

Average Pre-measurement Count 2792

**2. Course Measurement:** Note that a single ride, following the SPR as available to the competitors on race day, is required. You may wish to attach descriptions of deviations from the SPR, uncertainties in the exact route available for the race, or other sources of measurement variability. An analysis of sources of error and findings of concomitant non-validation measurements may also be appended to this report.

Time of Day at Start of Measurement: 8:20 AM Temperature: 34 F

Finish Count: 129923 (minus) Starting Count: 83368

Counts on Course: 46555 Time of Day at Finish of Measurement: 8:35 AM

**3. Post Measurement Calibration:**

Time of Day: 8:40 AM Temperature: 35 F

Finish Count	minus	Start Count	=	Difference
<u>38447</u>	minus	<u>35655</u>	=	<u>2792</u>
<u>41239</u>	minus	<u>38447</u>	=	<u>2792</u>
<u>44031</u>	minus	<u>41239</u>	=	<u>2792</u>
<u>46823</u>	minus	<u>44031</u>	=	<u>2792</u>
Average Post Measurement Count				<u>2792</u>

**4. Calculation of Course Length:**

a. Pre-Measurement Average Calibration Count	<u>2792</u>
b. Post-Measurement Average Calibration Count	<u>2792</u>
c. Average Count [ ( a+b ) / 2 ]	<u>2792</u>
d. Length of Calibration Course	<u>300</u>
e. Validation Constant (c/d)	<u>9.306666667</u>
f. Counts on Course (from #2)	<u>46555</u>
g. Calculated Course Length ( f/e )	<u>5002.32808</u>
h. Advertised Course Length	<u>5000</u>
i. Percent Difference [ 100(g-h) / h ]	<u>0.046561605</u>

I. The undersigned, hereby attest that the foregoing report is a fair and unbiased examination of the length of the race or races on the race or races conducted on the road course in question. All numerical information reported herein was gathered or directly witnessed by me and is a true statement of my findings.

\_\_\_\_\_  
(signed)

Date of Validation: ##### Social Security # 330-54-8131

Name & Address of Validator: Jay Wight  
4556 Opal Drive

Phone Number 847-359-4598 Hoffman Estates, IL 60195-1185

Please attach: Copy of Course Certificate including Map of the Course; Narrative Report of Validation