June 28, 1991  
2060 W. 32nd St.,  
Holland, Mich. 49423

Al Sheahan  
PO Box 2372  
Van Nuys, CA 91404

Dear Al:

Thanks for your invitation to the Turku meeting.  
I regret that circumstances prevent my attending.

In lieu of which the following is submitted in behalf of

"AGE FACTOR FORMULAS for scoring Men's Track & Field  
Throwing Events ages 30 to 100 Various Implement Weights  
DISCUS SHOT JAVELIN HAMMER WEIGHT 1985" and,

"AGE FACTOR FORMULAS for scoring Women's Track & Field  
Throwing Events ages 30 to 100 Various Implement Weights  
DISCUS SHOT JAVELIN HAMMER WEIGHT 1986."

These formulas give the athlete an account of how well  
he is doing in comparison with his previous efforts, in  
comparison with the norm for his age, and how he stands in  
competition with others.

These formulas should be used in conjunction with the  
IAAF-FIAAF 1985 SCORING TABLES for Men's and Women's  

It's simple. Multiply distance in meters times appropriate  
Age Factor Formula equals revised distance. Look up score in  
IAAF-FIAAF Scoring Table.

These formulas were developed from throwing data accumulated  
over the years from "Age Records" by Peter Mundle, meet results,  
Weight Pentathlons, Thro-a-thons and other throwing competitions  
both domestic (U S A) and foreign, and have been tested and  
approved by numerous engineers, mathematicians and Track coaches  
of the throwing events within the Masters-Veterans program.

Bob Stone, Nolan Fowler, Pay Carstensen, Roy Foley and  
others have assisted in assembling data for these formulas.

Why so many different implement weights?

Because there were no universally accepted standards.  
On the West Coast all ages threw Olympic Standards. Other  
U S A meets generally threw U. S. Masters Standards. Canada  
threw different weights. Australia threw different weights.  
New T A C - W A V A Standards introduce different weights.  
There may be future changes.
For instance, 4K shot and hammer are too heavy for 80 year olds. 3½K would be better (not available yet) or 8 lb. as a temporary substitute. Discus can be moderated to 1.75K for 40 year olds, 1.5K for 50 year olds, 1.25K for 60 year olds, 1K for 70 year olds.

In addition to "why so many different implement weights?"

Many of the smaller meets do not furnish competitors with a full set of implement weights. 7.26K 6K 5.44K (12 lb.) 5K, 4K 3.63K (8 lb.) 3K. hammer and shot. 35 lb. 25 lb. 20 lb. weights. Competitors who travel by air will not bring their implements usually.

No serious scoring error will occur if 12 lb. (there are lots of these around) is substituted for 6K or 5K, or 8 lb. for 4K or 3K, or 25 lb. for 35 lb. or vice versa using Age Factor Scoring.

At a recent regional meet all ages threw the 4K hammer—the only one available. Only two weights of shot available.

We are informed that our formulas are 5% to 7% tougher than T A C – W A V A. Is that bad? As the competition and records continue to improve the danger is that old marks used in designing formulas are by-passed by events—new scores become outrageously high.

No one claims that Age Factor Scoring is perfect. But it has stood the test of time for fifteen years with reviews and revisions at 5 year intervals.

As to Age Factor Scoring for Women's Throwing Events, these may need revision. There were not enough statistics available at the time.

0 K guys and gals. Have fun. And let us folks at home know what goes on.

Sincerely,
Phil Partridge
AGE FACTOR FORMULAS

FOR SCORING

WOMEN'S TRACK & FIELD
THROWING EVENTS
AGES 30 TO 100
VARIOUS IMPLEMENT WEIGHTS

DISCUS • SHOT • JAVELIN
HAMMER • WEIGHT

1986
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Well, here they are—age Factor Formulas for scoring women at one year age levels in the throwing events.

These give the athlete an account of how well she is doing in comparison with her previous efforts, in comparison with the norm for her age, and how she stands in comparison with others.

These formulas should be used in conjunction with the I A A F Scoring Table for Men’s Track and Field Events, 1962 (Belgrade) edition.

For scoring Weight Throw use above Shot Put Tables.

It’s simple if field data is kept orderly.

Multiply distance in meters times appropriate Age Factor formula equals revised distance. Look up score in I A A F Scoring Table.

Why so many different Implement Weights?

Because there have been no universally accepted standards. Different weights have been thrown in different places. And official implement weights have been changed numerous times. There may be future changes.

At some meets not all official implements may be available. Then throw the nearest or appropriate substitute weight and score accordingly.

SAFETY ALWAYS

Remember

It is the thrower’s responsibility to see that the way is clear.
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AGE FACTOR FORMULAS

FOR SCORING

MEN'S TRACK & FIELD THROWING EVENTS
AGES 30 TO 100
VARIOUS IMPLEMENT WEIGHTS

DISCUS • SHOT • JAVELIN
HAMMER • WEIGHT

1985
There are no adequate statistics as yet from which to prepare Women's Age Factor Formulas.

Body weight, size and strength in addition to genetic differences are decisive factors favoring men over women in the throwing events.

As a temporary procedure it is suggested that using men's formulas 20 years older for scoring women's events has given satisfactory results in some meets.

Example: 37 year old woman scored by 57 year men's formulas. 4½ by 6½ formulas, etc.

Also boys of various ages can use appropriate men's scoring.

Example: For 12 year old try age 70 formulas
For 13 try 65; for 14 try 60, etc.

Let us know how they work out will you.

Maybe someday we'll hear of a man, his wife, his son and father competing on the same field together and all scoring reasonably well by Age Factor Scoring.

Happy throwing

Phil Partridge
2060 W. 32nd St.,
Holland, Mich. 49423
USA

Well, here they are—Age Factor Formulas for scoring at one year age levels in the throwing events.

These give the athlete an account of how well he is doing in comparison with his previous efforts, in comparison with the norm for his age, and how he stands in competition with others.

All throwing athletes will make improved scores over the old 5 year Age Factor Formulas, especially those in the middle to upper levels of each 5 year age group.

These formulas should be used in conjunction with the I A A F Scoring Table for Men's Track and Field Events, 1962 (Belgrade) edition.

It's simple if field data is kept orderly.

Multiply distance in meters times appropriate Age Factor Formula equals revised distance. Look up score in I A A F Scoring Table.

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Bob Stone, Nolan Fowler, Ray Carstensen, Roy Foley and others have assisted in assembling data for these formulas.

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Remember SAFETY ALWAYS
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AGE FACTOR FORMULAS

FOR SCORING

MEN'S TRACK & FIELD
THROWING EVENTS
AGES 30 TO 100
VARIOUS IMPLEMENT WEIGHTS

DISCUS • SHOT • JAVELIN
HAMMER • WEIGHT

1985
There are no adequate statistics as yet from which to prepare Women's Age Factor Formulas.

Body weight, size and strength in addition to genetic differences are decisive factors favoring men over women in the throwing events.

As a temporary procedure it is suggested that using men's formulas 20 years older for scoring women's events has given satisfactory results in some meets.

Example: 37 year old woman scored by 57 year men's formulas. 44 by 64 formulas, etc.

Also boys of various ages can use appropriate men's scoring.

Example: For 12 year old try age 70 formulas For 13 try 65; for 14 try 60, etc.

Let us know how they work out will you.

Maybe someday we'll hear of a man, his wife, his son and father competing on the same field together and all scoring reasonably well by Age Factor Scoring.

Happy throwing

Well, here they are--Age Factor Formulas for scoring at one year age levels in the throwing events.

These give the athlete an account of how well he is doing in comparison with his previous efforts, in comparison with the norm for his age, and how he stands in competition with others.

All throwing athletes will make improved scores over the old 5 year Age Factor Formulas, especially those in the middle to upper levels of each 5 year age group.

These formulas should be used in conjunction with the I A A F Scoring Table for Men's Track and Field Events, 1962 (Belgrade) edition.

It's simple if field data is kept orderly.

Multiply distance in meters times appropriate Age Factor Formula equals revised distance. Look up score in I A A F Scoring Table.

These formulas were developed from throwing data accumulated during the past 14 years from Age Records by Peter Mundie, meet results, Weight Pentathlons, throwons and other throwing competitions both domestic (U S A) and foreign, and have been tested and approved by numerous engineers, mathematicians and Track coaches of the throwing events within the Masters-Veterans program.

Bob Stone, Nolan Fowler, Pay Carstenosen, Roy Foley and others have assisted in assembling data for these formulas.

Why so many different implement weights?

Because there are no universally accepted standards. On the West Coast all ages throw Olympic Standards. Other U. S. A. meets generally throw U. S. Masters Standards. Canada throws different weights. Australia throws different weights. New W A V A Standards introduce different weights. There may be future changes.

Remember SAFETY ALWAYS

Remember SAFETY ALWAYS

It is the thrower's responsibility to see that the way is clear.
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DISCUS THROW

WEIGHT THROW

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For scoring Weight Throw use I A A F Shot Put Tables
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Note: The table above represents data for Shot Put and Hammer Throw. The values correspond to different distances achieved under specific conditions, likely indicating scores or measurements in a competitive sport such as track and field.
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AGE FACTOR FORMULAS

FOR SCORING
WOMEN'S TRACK & FIELD
THROWING EVENTS
AGES 30 TO 100
VARIOUS IMPLEMENT WEIGHTS

DISCUS • SHOT • JAVELIN
HAMMER • WEIGHT

1986
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Well, here they are--age Factor Formulas for scoring women at one year age levels in the throwing events.

These give the athlete an account of how well she is doing in comparison with her previous efforts, in comparison with the norm for her age, and how she stands in comparison with others.

These formulas should be used in conjunction with the IAAF Scoring Table for Men's Track and Field Events, 1962 (Belgrade) edition.

For scoring Weight Throw use above Shot Put Tables.

It's simple if field data is kept orderly.

Multiply distance in meters times appropriate Age Factor formula equals revised distance. Look up score in IAAF Scoring Table.

Why so many different Implement Weights?

Because there have been no universally accepted standards. Different weights have been thrown in different places. And official implement weights have been changed numerous times. There may be future changes.

At some meets not all official implements may be available. Then throw the nearest or appropriate substitute weight and score accordingly.

SAFETY ALWAYS

Remember

It is the thrower's responsibility to see that the way is clear.
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