




SCATT
 SHOOTER TRAINING SYSTEMS
 SYSTÈME D'ENTRAÎNEMENT POUR TIREUR

GUIDE D'INTERPRÉTATION
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SOMMAIRE

LE SYSTÈME SCATT POUR L'ENTRAÎNEMENT AU TIR DES CADETS

PARAMÈTRES DE BASE

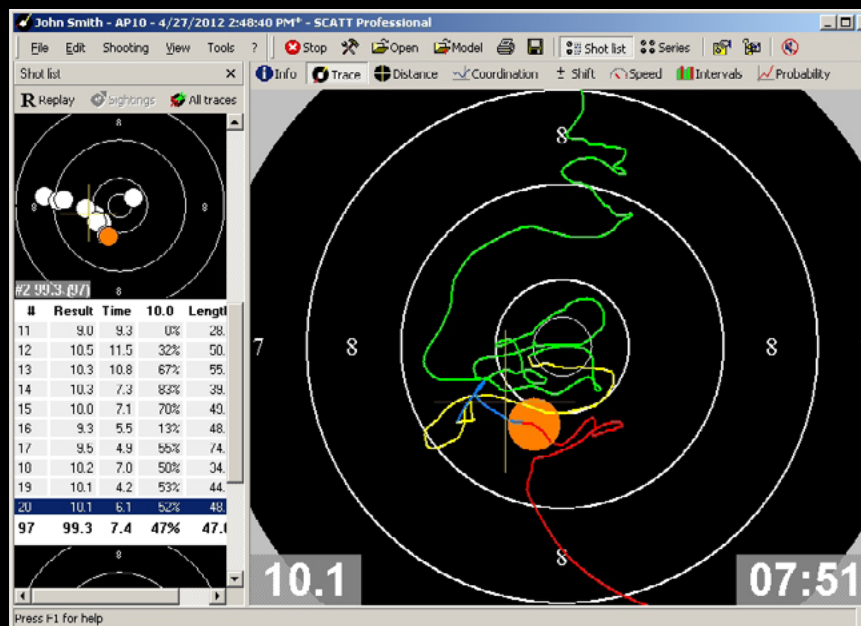
VIDEOS

INFORMATION UTILE

LE SYSTÈME SCATT POUR L'ENTRAÎNEMENT AU TIR DES CADETS

UN OUTIL POUR L'ENTRAÎNEUR

- PERMET À L'ENTRAÎNEUR DE **VOIR** CE QUI SE PASSE **PENDANT** LA SÉQUENCE DE TIR DU CADETS.
 - Respiration
 - Alignement naturelle
 - Visée
 - Coup de détente
 - Suivi du coup
 - Maintient de la carabine
 - Etc.
- PERMET DE **RÉVISER** CE QUI S'EST PASSÉ **APRÈS** LA SÉANCE DE TIR AVEC LE(S) CADET(S).
 - SÉQUENCE COMPLÈTE DES COUPS TIRÉS
 - Démontrer les erreurs répétitives, etc.



PARAMÈTRES DE BASE

DÉCALAGE DU DÉPART DU COUP

En modifiant le moment du départ du coup, vous pouvez voir quel serait le résultat si le coup était parti à un autre moment (un peu plus tôt ou un peu plus tard).

Vitesse p/sD Speed f/s	istance (pied) Distance (feet)	Moment du tir (s) Shot moment (s)
400	32.80	0.0820
410	32.8	0.0800
420	32.8	0.0781
430	32.8	0.0763
440	32.8	0.0745
450	32.8	0.0729
460	32.8	0.0713
470	32.8	0.0698
480	32.8	0.0683
490	32.8	0.0669
500	32.8	0.0656

Valeurs type pour Daisy 853C
Typical values for Daisy 853C

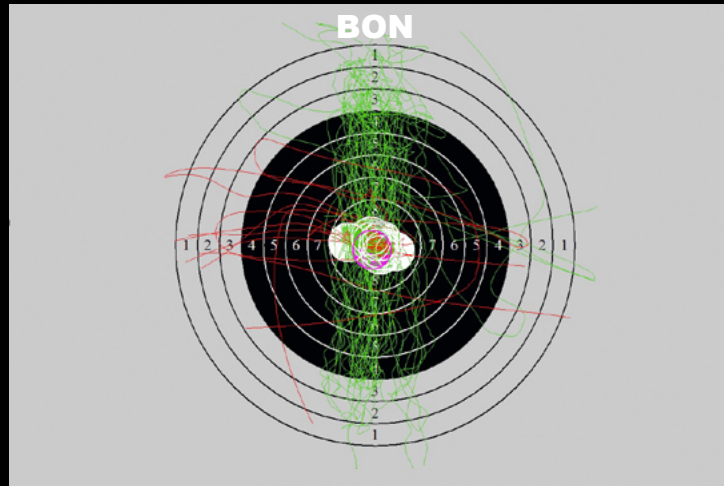
COEFFICIENT F

Coefficient ballistique (vitesse angulaire multipliée par le temps de vol). Plus le bougé est rapide au moment du départ, plus l'écart peut être important en cible.

Air Pistol at 10m	26 ± 10
Air rifle at 10m	50 ± 10
.22 pistol at 25m	20 ± 10
.22 free pistol at 50m	20 ± 10
.32 pistol at 25m	25 ± 10
.22 rifle at 50m	80 ± 10

10 BONS COUPS

10 BONS COUPS — ANALYSE



Info Trace Distance Coordination Shift Speed Intervals Probability

SCATT
SHOOTER TRAINING SYSTEMS

Shooter name
AAD

Comments

Shooting event
10m Air Rifle (4.5 mm) (AR10)

Date, time
10/24/2016 7:17:15 PM

Number of match shots
10

Result
integer 99
fractional 104.8
average 10.480

Total shooting time
an interval from the beginning of first shot to the end of last shot
00:03:49

Average time per shot
00:00:23 (00:00:17, 00:00:37)

Stability of time interval between shots
(if all shots are equally spread the stability is 100%)
81%

Diametrical dispersion (group size)
a center-to-center distance between two most distant shots
5.5 mm

Stability of aiming
average points of the tracing are taken for a given interval of time before the shot, and the diametrical dispersion of these points is calculated
2.6 mm

Accuracy of shooting
the average point from the points described above is calculated and its distance from the center of the target is measured
0.6 mm

Average steadiness in 10.0
shows the amount of the final analysis (control) time up to the moment of shot release that the aiming point was within the 10.0. It is expressed in percentages.
94%

Average length of a tracing
11.6 mm
horizontal 7.7 mm
vertical 6.8 mm

Elliptical factor
a ratio of averaged shot/tracing dispersion diameter on x-axis to that on y-axis
for group 2.55
for tracings 1.12

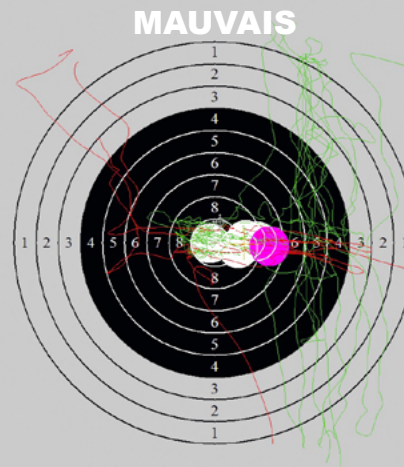
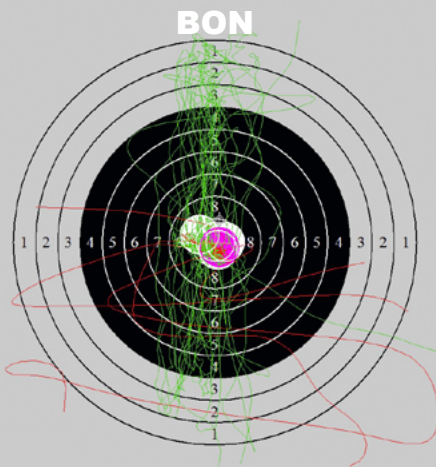
Control interval
1.0 sec

Alignement naturelle
Gauche-Droite
CINQ BONS EXEMPLES

BONS

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ALIGNEMENT NATURELLE GAUCHE / DROITE — ANALYSE



Info Trace Distance Coordination Shift Speed Intervals Probability



Shooter name
AAD

Comments



Shooting event	10m Air Rifle (4.5 mm) (AR10)
Date, time	10/24/2016 7:17:15 PM
Number of match shots	10
Result	integer 99 fractional 104.8 average 10.480
Total shooting time an interval from the beginning of first shot to the end of last shot	00:03:49
Average time per shot	00:00:23 (00:00:17, 00:00:37)
Stability of time interval between shots (if all shots are equally spread the stability is 100%)	81%
Diametrical dispersion (group size) a center-to-center distance between two most distant shots	5.5 mm
Stability of aiming average points of the tracing are taken for a given interval of time before the shot, and the diametrical dispersion of these points is calculated	2.6 mm
Accuracy of shooting the average point from the points described above is calculated and its distance from the center of the target is measured	0.6 mm
Average steadiness in 10.0 shows the amount of the final analysis (control) time up to the moment of shot release that the aiming point was within the 10.0. It is expressed in percentages	94%
Average length of a tracing	11.6 mm horizontal 7.7 mm vertical 6.8 mm
Elliptical factor a ratio of averaged shot/trace dispersion diameter on x-axis to that on y-axis	for group 2.55 for tracings 1.12
Control interval	1.0 sec

Info Trace Distance Coordination Shift Speed Intervals Probability



Shooter name
AAD

Comments



Shooting event	10m Air Rifle (4.5 mm) (AR10)
Date, time	10/24/2016 7:37:16 PM
Number of match shots	5
Result	integer 45 fractional 47.8 average 9.560
Result for the shot group in relation to the center of the target	51.0 (+3.2)
Total shooting time an interval from the beginning of first shot to the end of last shot	00:02:15
Average time per shot	00:00:27 (00:00:18, 00:00:57)
Stability of time interval between shots (if all shots are equally spread the stability is 100%)	60%
Diametrical dispersion (group size) a center-to-center distance between two most distant shots	6.7 mm
Stability of aiming average points of the tracing are taken for a given interval of time before the shot, and the diametrical dispersion of these points is calculated	5.2 mm
Accuracy of shooting the average point from the points described above is calculated and its distance from the center of the target is measured	0.8 mm
Average steadiness in 10.0 shows the amount of the final analysis (control) time up to the moment of shot release that the aiming point was within the 10.0. It is expressed in percentages	56%
Average length of a tracing	15.4 mm horizontal 12.2 mm vertical 7.1 mm
Elliptical factor a ratio of averaged shot/trace dispersion diameter on x-axis to that on y-axis	for group 7.34 for tracings 1.71
Control interval	1.0 sec

Alignement naturelle Haut-Bas **TROIS BONS EXEMPLES**

BONS

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ALIGNEMENT NATURELLE HAUT / BAS — ANALYSE

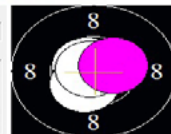


Info Trace Distance Coordination Shift Speed Intervals Probability



Shooter name
AAD

Comments



Shooting event	10m Air Rifle (4.5 mm) (AR10)
Date, time	10/24/2016 8:03:34 PM
Number of match shots	5
Result	integer 50 fractional 53.3 average 10.660
Total shooting time an interval from the beginning of first shot to the end of last shot	00:02:11
Average time per shot	00:00:26 (00:00:22, 00:00:47)
Stability of time interval between shots (if all shots are equally spread the stability is 100%)	69%
Diametrical dispersion (group size) a center-to-center distance between two most distant shots	2.3 mm
Stability of aiming average points of the tracing are taken for a given interval of time before the shot, and the diametrical dispersion of these points is calculated	2.6 mm
Accuracy of shooting the average point from the points described above is calculated and its distance from the center of the target is measured	2.5 mm
Average steadiness in 10.0 shows the amount of the final analysis (control) time up to the moment of shot release that the aiming point was within the 10.0. It is expressed in percentages	61%
Average length of a tracing	10.2 mm horizontal 7.3 mm vertical 5.5 mm
Elliptical factor a ratio of averaged shot/tracing dispersion diameter on x-axis to that on y-axis	for group 1.24 for tracings 1.36
Control interval	1.0 sec

Info Trace Distance Coordination Shift Speed Intervals Probability



Shooter name
AAD

Comments

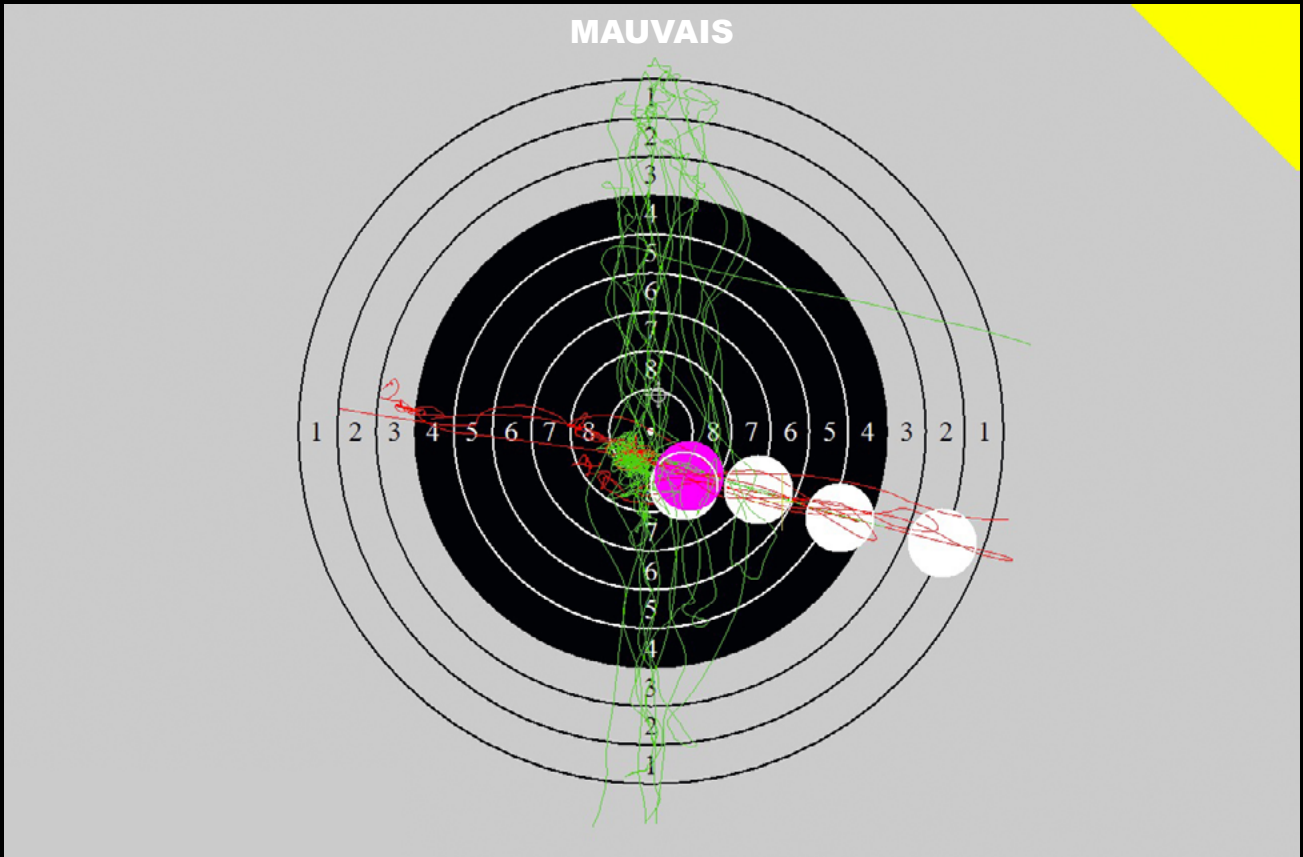


Shooting event	10m Air Rifle (4.5 mm) (AR10)
Date, time	10/24/2016 8:09:41 PM
Number of match shots	5
Result	integer 33 fractional 35.0 average 7.000
Result for the shot group in relation to the center of the target	48.7 (+13.7)
Total shooting time an interval from the beginning of first shot to the end of last shot	00:02:45
Average time per shot	00:00:33 (00:00:28, 00:00:49)
Stability of time interval between shots (if all shots are equally spread the stability is 100%)	84%
Diametrical dispersion (group size) a center-to-center distance between two most distant shots	8.1 mm
Stability of aiming average points of the tracing are taken for a given interval of time before the shot, and the diametrical dispersion of these points is calculated	7.8 mm
Accuracy of shooting the average point from the points described above is calculated and its distance from the center of the target is measured	8.0 mm
Average steadiness in 10.0 shows the amount of the final analysis (control) time up to the moment of shot release that the aiming point was within the 10.0. It is expressed in percentages	0%
Average length of a tracing	32.3 mm horizontal 25.3 mm vertical 16.6 mm
Elliptical factor a ratio of averaged shot/tracing dispersion diameter on x-axis to that on y-axis	for group 0.66 for tracings 1.52
Control interval	1.0 sec

Mauvaise pression de la détente **TROIS EXEMPLES**

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PRESSION DE LA DÉTENTE — ANALYSE



INFORMATION UTILE

LIENS INTERNET

Site internet de SCATT:

www.scatt.com

<http://www.scatt.com/downloads/70/downloads/>

<http://www.scatt.com/videos/>

DOCUMENTATION CONNEXE

<http://www.issf-sports.org/theissf/academy/library.ashx>

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