


"Airgun ballistics are unique. They don't fall into the normal range of data published by the manufacturers of conventional ammunition or bullets ..."

Have you ever been shooting and changed distances or pellets and not known where that next shot would go? I have - and all too often.

Custom Printed on heavy 24-lb bond 8 1/2" x 11" tinted stock. Deluxe updateable binder format

Instructions, formulae, examples, answers ...

Example Data
Below is just one of over 400 charts in the FSI tables ...



the **FSI Airgun Ballistic Tables**
Updated Edition 1-A

Created exclusively for airgunners. Over 410 Tables, Charts, Examples and Graphs. 57,000+ data points

Pellet Path (trajectory) data from 5 yards to 75 yards for sight-in Zero at 10, 20, 30, 40, and 50 yards. Including Wind Drift, Time of Flight, Remaining Velocity

Could you predict the trajectory of this pellet?*

*177 Beeman Silver Bear, 177 RWS Super Hollow Point

293-A (Chart reduced to fit)		B-C = .010 at MV = 1000 fps	
Range (yards)	0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75		
Velocity (ft/sec)	1000 918 849 789 736 686 639 596 556 518 483 450 420 392 365 340		
Path @ 10 zero	-1.50 0.70 0.00 0.58 1.02 1.30 1.39 1.28 0.94 0.30 0.64 -1.98 -3.66 -5.81 -8.62 -12.06		
Path @ 20 zero	-1.50 -0.95 -0.51 -0.19 0.00 0.02 -0.14 -0.50 -1.10 -2.00 -3.19 -4.78 -6.72 -9.13 -12.19 -15.88		
Path @ 30 zero	-1.50 -0.93 -0.46 -0.12 0.09 0.14 0.00 -0.34 -0.91 -1.78 -2.96 -4.52 -6.44 -8.82 -11.86 -15.53		
Path @ 40 zero	-1.50 -0.82 -0.24 0.22 0.55 0.71 0.68 0.46 0.00 -0.76 -1.82 -3.27 -5.07 -7.34 -10.27 -13.82		
Path @ 50 zero	-1.50 -0.63 0.13 0.77 1.28 1.62 1.77 1.73 1.46 0.88 0.00 -1.27 -2.89 -4.98 -7.72 -11.09		
Drift, 10mph wind	0.0 0.1 0.4 0.9 1.6 2.5 3.5 4.7 6.0 7.5 9.2 11.0 12.9 15.0 17.2 19.5		
Drop from bore	0.0 0.0 0.2 0.5 0.9 1.4 2.2 3.1 4.3 5.8 7.6 9.8 12.3 15.3 19.0 23.2		
Time of flight	0.000 0.016 0.032 0.051 0.070 0.092 0.115 0.139 0.164 0.193 0.223 0.255 0.289 0.325 0.366 0.409		

Ballistics Tables for Muzzle Velocities from 350 to 1200 ft/sec with additional tables for specific pellets.

Used by experts worldwide ...

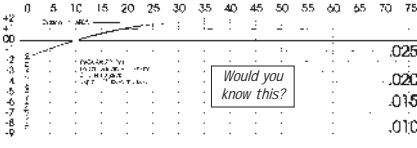
FSI Airgun Ballistic Tables
for all airgun enthusiasts

Stock# FSI 0095 Retail Price \$39.95
Our ----- \$25.97

An Airgun Exclusive

Designed and Created by FSI for all serious airgunners

Pellet Path for various Ballistic Coefficients



Would you know this?

0.25
0.20
0.15
0.10

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All FSI airgun books are Custom Laser Printed on extra heavy 24-lb bond tinted lithographic stock in a large 8 1/2" x 11" format.

FSI Advanced Airgun Ballistics

Its Here - FSI Advanced Ballistics lets you calculate custom ballistic data for your airguns and pellets

Formulas to calculate:

- Ballistic Coefficient
- Muzzle Velocity
- Velocity at any point
- Drop at any point
- Trajectory at any point with any sights and sight-in zero
- Time of Flight
- Wind Drift in any wind
- Kinetic Energy and Momentum
- Group size in Minutes of Angle
- Up & Downhill Range Corrections
- Corrections for moving targets
- ... and more

Create custom ballistic data charts for your airguns and pellets



Do it yourself - for yourself.

Starting with the velocity at two points and a basic hand held calculator, you can create custom data charts for any airgun with any pellet at any velocity between 1300 and 100 ft/sec! Step-by-step instructions and examples make it easy using Ingalls Ballistic Tables - specially modified for airgunners. There's even a fully illustrated sample problem to help you. Create custom ballistic data charts like the ones in FSI Airgun Ballistics Tables—tailored to your specific needs.

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All with a basic pocket calculator and a little start-up data

...with tips on getting the data

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Let your computer do the work!

FSI Advanced Airgun Ballistics was created by FSI as a stand alone book and as an extension and companion to the popular FSI Airgun Ballistic Tables

Enhanced Edition: FSI Advanced Airgun Ballistics by Frank S. Brychta is now available with a **Companion CD** prepared by Mark D. Rainville. This CD contains a spreadsheet written for Microsoft® Excel® (.xls) format. Included are data entry tables to determine the Ballistic Coefficient (BC) of any pellet using your chronograph data. Pellet trajectory charts from ten to sixty yards can then be easily generated. Simply enter the data and the spreadsheet will calculate the results.

Note: You must have a copy of Excel®, a basic understanding of the book, **FSI Advanced Airgun Ballistics**, and of Excel® spreadsheet operation. Neither FSI nor the authors will be able to offer advice in the use of the spreadsheet.

FSI Advanced Airgun Ballistics for all airgun enthusiasts

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the FSI Airgun Data Log

Custom Printed on heavy 24-lb bond 8 1/2" x 11" tinted stock. Deluxe updateable binder format

Testing and record keeping is essential for top airgunning performance.

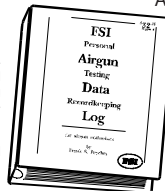
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Airgun Record Forms:

- Airgun Record
 - Accessory Record
 - Pellet List
 - Pellet Test
 - Test Notes
 - Sight Setting
 - Silhouette Sight Setting
 - Chronograph Data
 - Cleaning & Lubrication
 - Cross Reference
 - Test Targets
- We've even included an Airgunner's Diary



Every airgunner must test a variety of pellets in each airgun. Soon it's impossible to remember ... which pellet is best in which gun and at which range? ... best velocity or accuracy? ... aim at 40 yards? ... did I clean this gun? What did I pay for this airgun and when? Now, you can track all of this and a lot more - for all of your airguns. Basic or highly detailed, your data will be there - even years from now. It's easy! Extra data forms are available so you'll never run out of room.

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