Shootist: Glenn Myrick   **Date:** 04/14/18   **Test No.:** 041418-1265

Weapon

Manufacturer: Air Arms   **Model:** TX200 Mk III

Scope

Manufacturer: Hawke   **Model:** Sidewinder 30 SF 3-12X50 AO

Height: 2-1/8"   **Sight Base:** 25"   **Magnification:** 10X

Sight In: 22.5yds (2Mil-Dot 10.8yds/32'5")

Pellet

Manufacturer: H&N   **Make:** Baracuda Green

Caliber: .22   **Weight (grain):** 12.65   **Alloy:** Tin   **Shape:** Diabolo (Domed)

BC: ---------   **Head:** 5.50-5.51   **Skirt:** 5.72-76   **Length:** 8.23-8.27

Shooting Conditions

Time: PM   **Location:** Indoor   **Temperature:** 64°   **Humidity:** 41%

Wind Direction: None   **Wind Speed:** None   **Elevation:** 148ft

SHOT	Velocity (fps)	*Deviation from Average	Summary	
1	855-M	1	**High Velocity (fps):**	858
2	855-M	1	**Low Velocity (fps):**	853
3	858-M	2	***Average Velocity (fps):**	856
4	858-M	2	**Extreme Spread (fps):**	5
5	856-M	0	**Average Deviation (fps):**	1.2
6	858-M	2	**Standard Deviation (fps):**	1.5
7	857-M	1	**SD 68% from Avg. (fps):**	853-858
8	856-M	0	**SD 95.4% from Avg. (fps):**	852-859
9	855-M	1	**SD 99.7% from Avg. (fps):**	850-855
10	853-M	3	**High Energy (ft/lbs):**	20.7
11	857-M	1	**Low Energy (ft/lbs):**	20.4
12	856-M	0	**Energy Range (ft/lbs):**	0.3
ΣV^2	105,616,729			

Average Velocity: $\Sigma V / n$ = _____ (fps)   **Energy:** $V^2 \times W / 450{,}240$ = _____ (ft-lbs)   **Standard Deviation:** $[(\Sigma V^2 - N \cdot Av^2) / (N-1)]^{Sqrt}$ = _____ (fps)

Shootist: Glenn Myrick   **Date:** 04/14/18   **Test No.:** 041418-1265

Weapon

Manufacturer: Air Arms   **Model:** TX200 Mk III

Scope

Manufacturer: Hawke   **Model:** Sidewinder 30 SF 3-12X50 AO

Height: 2-1/8"   **Sight Base:** 25"   **Magnification:** 10X

Sight In: 22.5yds (2mil-dot 10.8yds/32'5")

Pellet

Manufacturer: H&N   **Make:** Baracuda Green

Caliber: .22   **Weight (grain):** 12.65   **Alloy:** Tin   **Shape:** Diabolo (Domed)

BC: 0.0497   **Head:** 5.50-5.51   **Skirt:** 5.72-76   **Length:** 8.23-8.27

Shooting Conditions

Time: PM   **Location:** Indoor   **Temperature:** 64°   **Humidity:** 43%

Wind Direction: None   **Wind Speed:** None   **Elevation:** 148ft

SHOT	Velocity (fps)	*Deviation from Average	Summary	
1	831-10yds	1	**High Velocity (fps):**	834
2	831-10yds	1	**Low Velocity (fps):**	826
3	833-10yds	1	***Average Velocity (fps):**	832
4	833-10yds	1	**Extreme Spread (fps):**	8
5	833-10yds	1	**Average Deviation (fps):**	1.6
6	832-10yds	0	**Standard Deviation (fps):**	2
7	831-10yds	1	**SD 68% from Avg. (fps):**	826-834
8	833-10yds	1	**SD 95.4% from Avg. (fps):**	824-836
9	829-10yds	3	**SD 99.7% from Avg. (fps):**	822-838
10	833-10yds	1	**High Energy (ft/lbs):**	19.5
11	826-10yds	6	**Low Energy (ft/lbs):**	19.2
12	834-10yds	2	**Energy Range (ft/lbs):**	0.3
ΣV^2	99,580,441			

Average Velocity: $\Sigma V / n =$ _____ (fps)   **Energy:** $V^2 \times W / 450{,}240 =$ _____ (ft-lbs)   **Standard Deviation:** $[(\Sigma V^2 - N \cdot Av^2) / (N-1)]^{Sqrt} =$ _____ (fps)

Shootist: Glenn Myrick   **Date:** 06/17/18   **Test No.:** 061718-1265

Weapon

Manufacturer: Air Arms   **Model:** TX200 Mk III

Scope

Manufacturer: Hawke   **Model:** Sidewinder 30 SF 3-12X50 AO

Height: 2-1/8"   **Sight Base:** 25"   **Magnification:** 10X

Sight In: 22.5yds (2mil-dot 10.8yds/32'5")

Pellet

Manufacturer: H&N   **Make:** Baracuda Green

Caliber: .22   **Weight (grain):** 12.65   **Alloy:** Tin   **Shape:** Diabolo (Domed)

BC: 0.0180   **Head:** 5.50-5.51   **Skirt:** 5.72-76   **Length:** 8.23-8.27

Shooting Conditions

Time: AM   **Location:** Outdoors   **Temperature:** 61°   **Humidity:** 66%

Wind Direction: None   **Wind Speed:** None   **Elevation:** 148ft

SHOT	Velocity (fps)	*Deviation from Average	Summary	
1	730-22.5yds	2	**High Velocity (fps):**	732
2	729-22.5yds	1	**Low Velocity (fps):**	722
3	732-22.5yds	4	***Average Velocity (fps):**	728
4	730-22.5yds	2	**Extreme Spread (fps):**	10
5	727-22.5yds	1	**Average Deviation (fps):**	2
6	722-22.5yds	6	**Standard Deviation (fps):**	3
7	728-22.5yds	0	**SD 68% from Avg. (fps):**	722-732
8	730-22.5yds	2	**SD 95.4% from Avg. (fps):**	719-735
9	725-22.5yds	3	**SD 99.7% from Avg. (fps):**	716-738
10	730-22.5yds	2	**High Energy (ft/lbs):**	15
11	728-22.5yds	0	**Low Energy (ft/lbs):**	14.6
12	728-22.5yds	0	**Energy Range (ft/lbs):**	0.4
ΣV^2	76,370,121			

Average Velocity: $\Sigma V / n =$ _____ (fps)   **Energy:** $V^2 \times W / 450,240 =$ _____ (ft-lbs)   **Standard Deviation:** $[(\Sigma V^2 - N*Av^2) / (N-1)]^{Sqrt} =$ _____ (fps)