

CASTING ANALYZER

CAST SUMMARY

Enter your
(000) 000-0000

Rod model: Reel model: Line: Cast: 40'

Cast Name: Alan3

| | Forward Cast | | | Back Cast | | |
|------------------|--------------|--------|------------|-----------|--------|------------|
| | YOU | EXPERT | COMMENTS | YOU | EXPERT | COMMENTS |
| Cast Symmetry | 100 | 100 | Excellent | | | |
| Cast Arc | 81 | 66 | Good | 74 | 66 | Excellent |
| Creep | 0 | 0 | Good | 0 | 0 | Good |
| Smoothness Ratio | 8.2 | 2.4 | Good | 24.2 | 2.4 | Needs work |
| Peak Speed | 264 | 260 | Excellent | -265 | -260 | Excellent |
| Deceleration | -1907 | -2200 | Good | 1536 | 2200 | Good |
| Stop | 44 | 30 | Needs work | -68 | -30 | Needs work |
| Rod Load | 12 | 25 | Needs work | 5 | 25 | Needs work |

Symmetry **Cast Symmetry** Your Score: 100 Expert Score: 100 Result: Excellent

Your cast exhibits 100% symmetry. This is very close to the expert's symmetry of 90% or greater. Symmetry this high is often a good indicator of good technique and casting efficiency. Peak rotation speed is 264 degrees/sec on the forward cast, -265 degrees/sec on the back cast.

Cast Arc **Forward Cast** Your Score: 81 Expert Score: 66 Result: Good

Your rod arc is 81 degrees, the expert's arc is 66 degrees. Your arc is slightly larger than the expert's. Try to rotate the rod just a little bit less to close the casting arc slightly.

Back Cast Your Score: 74 Expert Score: 66 Result: Excellent

Your rod arc is 74 degrees, the expert's arc is 66 degrees. Your arc is very similar to that of the expert's arc indicating your loop is most likely good, assuming that your peak speed, smoothness, stop and rod load are also similar.

Creep **Forward Cast** Your Score: 0 Expert Score: 0 Result: Good

No creep detected.

Back Cast Your Score: 0 Expert Score: 0 Result: Good

No creep detected.

Smoothness Ratio **Forward Cast** Your Score: 8.2 Expert Score: 2.4 Result: Good

Your smoothness ratio is 8.2. The expert's smoothness ratio is 2.4. This indicates fairly smooth power application, but there is room for improvement. Higher smoothness ratios indicate rod acceleration that starts too slowly, too soon. Begin accelerating your rod slightly later, accelerate very smoothly. Your goal is to make the curve as straight as possible.

Back Cast Your Score: 24.2 Expert Score: 2.4 Result: Needs work

Your smoothness ratio is 24.2. The expert's smoothness ratio is 2.4. This indicates abrupt power application, the kind that often causes tailing loops. High smoothness ratios indicate rod acceleration that starts too slowly, too soon, followed by hard acceleration later. Begin accelerate your rod slightly later, accelerate smoothly. Your goal is to make the curve as straight as possible.

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Peak speed Forward Cast Your Score: 264 Expert Score: 260 Result: Excellent

Your forward cast peak speed is 264 degrees/sec. Well done! Peak speeds in this range are usually an indicator of good, efficient casting at moderate speed.

Back Cast Your Score: -265 Expert Score: -260 Result: Excellent

Your back cast peak speed is -265 degrees/sec. Well done! Peak speeds in this range are usually an indicator of good, efficient casting at moderate speed.

Deceleration Forward Cast Your Score: -1907 Expert Score: -2200 Result: Good

Your deceleration rate is -1907 d/s/s, the expert's deceleration rate is -2200 d/s/s. Your deceleration is moderate. Decelerating the rod more quickly will result in tighter loops.

Back Cast Your Score: 1536 Expert Score: 2200 Result: Good

Your deceleration rate is 1536 d/s/s, the expert's deceleration rate is 2200 d/s/s. Your deceleration is moderate. Decelerating the rod more quickly will result in tighter loops.

Stop Forward Cast Your Score: 44 Expert Score: 30 Result: Needs work

Your stop was not very complete, reaching 44 d/s, compared to the expert's stop of 30 d/s. Relatively incomplete stops like this will result in rounded, less efficient loops. For tighter loops, stop the rod more completely.

Back Cast Your Score: -68 Expert Score: -30 Result: Needs work

Your stop was not very complete, reaching -68 d/s, compared to the expert's stop of -30 d/s. Relatively incomplete stops like this will result in rounded, less efficient loops. For tighter loops, stop the rod more completely.

Rod Load Forward Cast Your Score: 12 Expert Score: 25 Result: Needs work

Your rod load ratio is 12%, compared to 25% for the expert cast. This is a low ratio and indicates a poor previous back loop. Usually the reason for the poor loop can be found by comparing the back cast rod arc, peak speed, smoothness ratio and stop data to the expert cast.

Back Cast Your Score: 5 Expert Score: 25 Result: Needs work

Your rod load ratio is 5%, compared to 25% for the expert cast. This is a low ratio and indicates a poor previous forward loop. Usually the reason for the poor loop can be found by comparing the forward cast rod arc, peak speed, smoothness ratio and stop data to the expert cast.
