



SCIENTIFIC WRITING

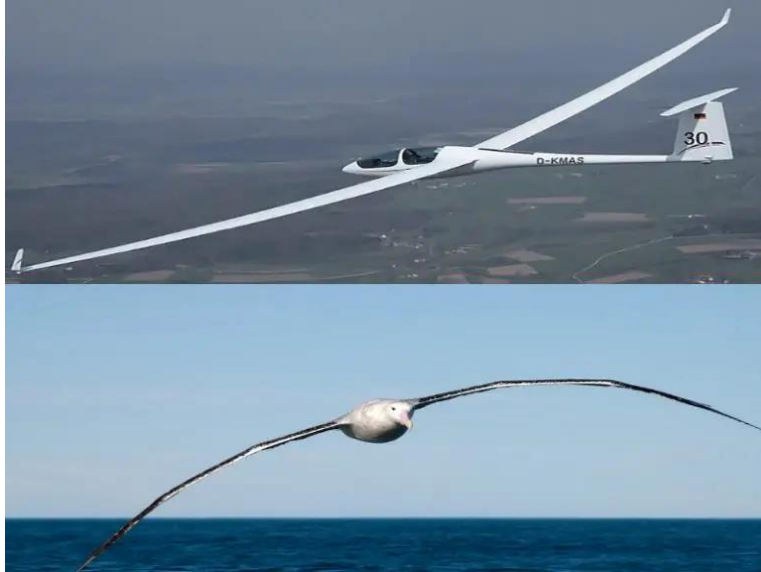
Improvement of sport by dint of biomimicry

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SUMMARY:

1. INTRODUCTION
2. METHODS
3. RESULTS
4. DISCUSSION
5. CONCLUSION

1. Introduction

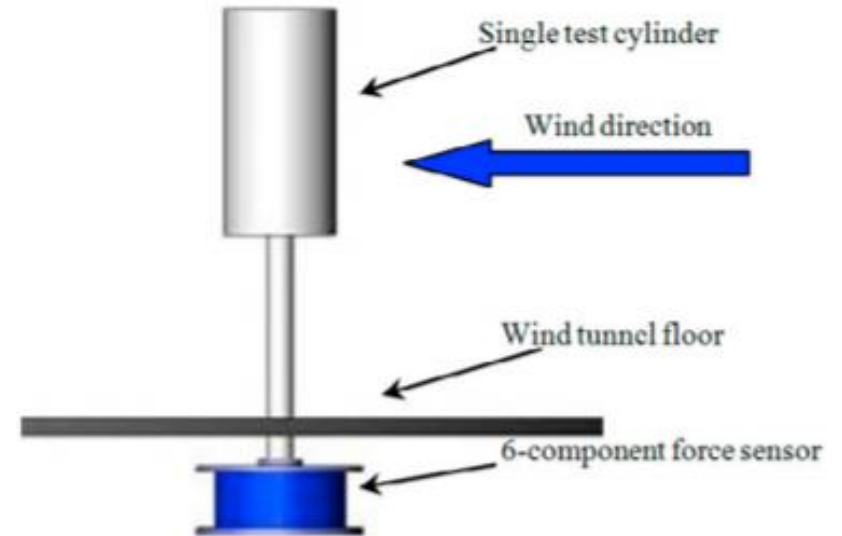
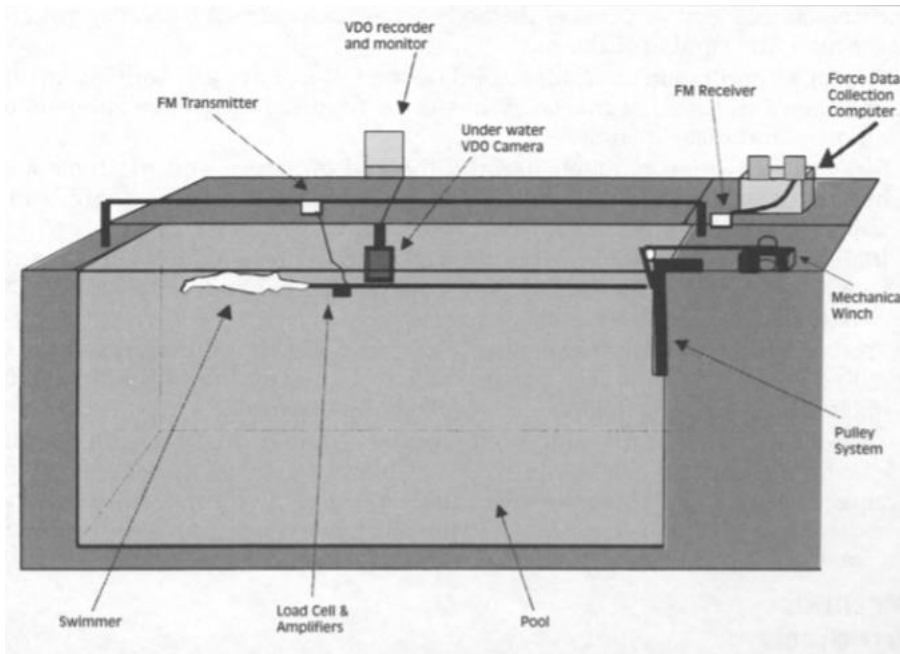


Wildlife inspire innovations



2. Method

- Swimsuit experience



Knee protector experience

- Impact protection
- Mobility
- Comfort
- Air flow
- Fitting Price



Figure: Different protection positions

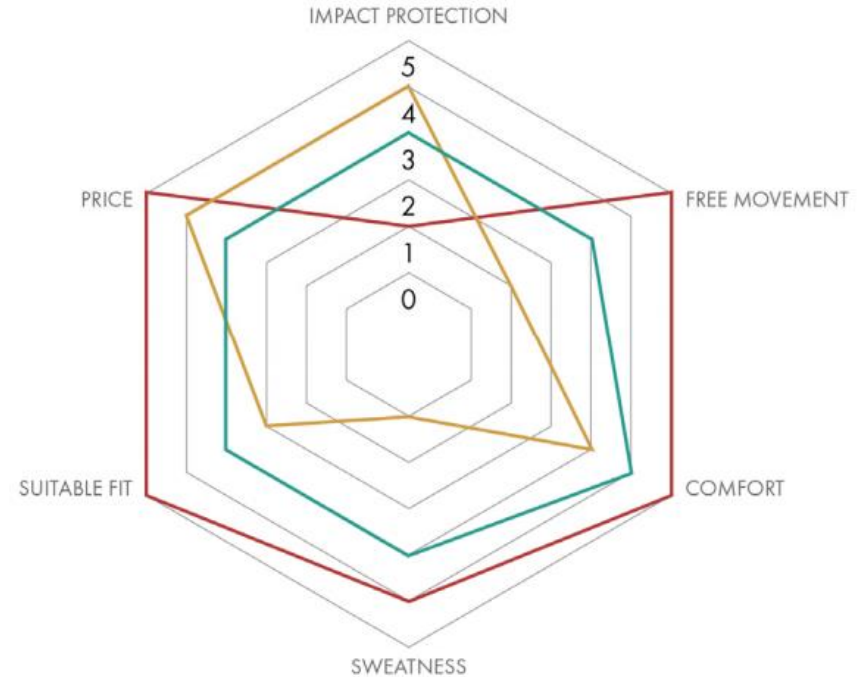
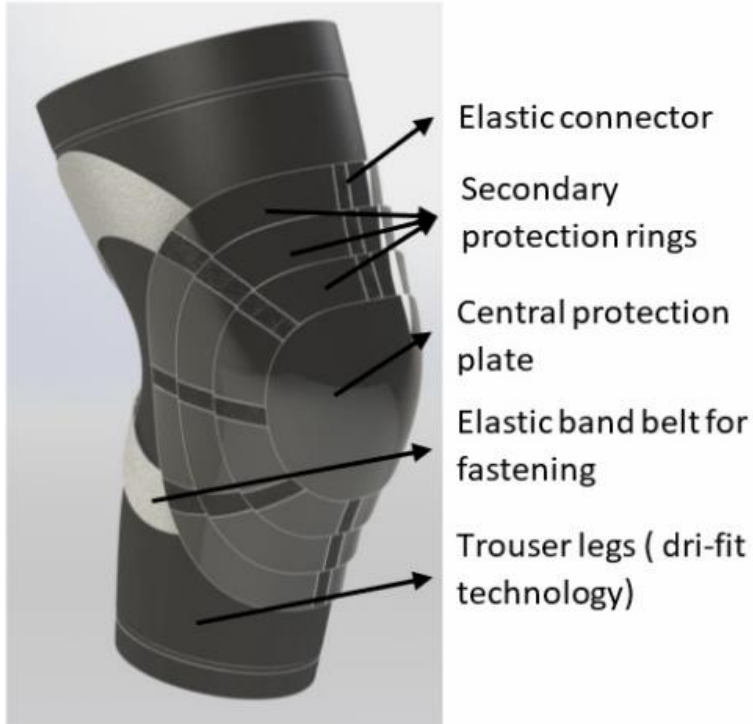
3. Results

- Swimsuits comparison

Towing Condition	Normal (N)	Fastskin™ (N)	Difference (N)	Difference (%)
Surface (gliding)	347.9	328.6	19.3	5.5
Surface(kicking)	306.4	290.2	16.2	5.3
Depth (gliding)	296.9	266.7	30.2	10.2
Depth (kicking)	282.1	268.6	13.5	4.8
Overall	1233.3	1154.1	79.2	6.4

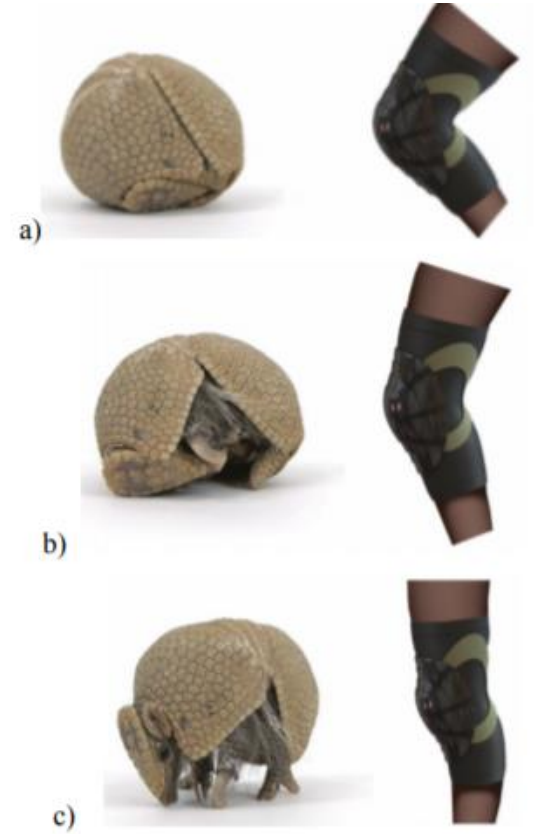
Figure: Drag forces summed over the three towing velocities

3. Results



4. Discussion

- The fastskin
- The armadillo protectors
- Improvements



5. Conclusion





THANK YOU FOR YOUR ATTENTION !