

Acknowledgements

Lieuuuw-psssss-iiuuuw-pssss..... If there is anything that I won't forget after finishing this thesis, it is the sound of the spinning centrifuge. Taken all runs together, the experiments described in thesis account for 4200 minutes of spinning, equal to almost 10.000 revolutions. Quite a bit! I think that the centrifuge operators, the medical staff supervising the experiments, and the subjects all wondered why the centrifugation had to be *sustained* It always was exiting to see how subjects came out of the centrifuge and started moving about. First reactions ranged from "cool, what a weird feeling, I want to do it again" to something like "Aaaaaah, everything I do makes me sick, I'll never do this again!" That, exactly, is the unpredictable aspect of sustained centrifugation. Beforehand you do not know how someone is going to react, and when you do know it afterwards, the harm has already been done. Then the only remedy is to wait....Nevertheless, I never had trouble finding subjects for my experiments and even some of the susceptible ones kept coming back. So thanks to all my subjects, for their patience and endurance. Furthermore, I would like to thank the personnel of the Centre for Man in Aviation, for letting me use their centrifuge and for supervising the centrifuge runs. Special thanks goes to Amanda Moerman, Hans Wittenberg, Jason van de Burgt and Ted Meeuwssen, who were closely involved in all experiments.

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