

Interactive comment on “Magnetic Airborne Survey – Geophysical Flight” by E. Camara and S. N. P. Guimaraes

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The manuscript intends to provide the reader with a review of the instruments and procedures involved in an airborne magnetic survey. Overall the manuscript is poorly developed and contains several conceptual mistakes. The review of the fundamentals of the magnetic method are not entirely correct and the references provided do not take the reader to any textbook or classical paper in magnetometry. The majority of the paper is a disconnected sequence of poorly and careless descriptions of instruments and procedures used in an airborne magnetic survey. In my opinion, such text format makes hard to the reader not familiar with magnetic surveys to understand the complete operation. The final considerations neither discuss nor highlight the most important aspects in the manuscript. The references are incomplete and include items that are not mentioned in the text. Some of the figures are poor in quality and

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legends mostly just describe what is in the figure without naming their main elements or even calling the attention to their principal aspects. I believe this manuscript is not ready for publication. It will be necessary a very strong review or, perhaps, a new start from scratch. Corrections, comments and suggestions were made in order to help the authors in improving the paper. Due to the large amount of these comments, suggestions and corrections a file was prepared using the Okular free-software to show the alterations on top of the original PDF file, without making real changes in the original file. Due to restrictions in uploading the file, I changed the original file extension from .okular to .zip. Sincerely, Julio Lyrio

Please also note the supplement to this comment:

<http://www.geosci-instrum-method-data-syst-discuss.net/gi-2015-45/gi-2015-45-RC1-supplement.zip>

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., doi:10.5194/gi-2015-45, 2016.