National Aeronautics and
Space Administration
**Ames Research Center**
Moffett Field, CA 94035-1000


Reply to Attn of: TH: 262-4

March 2, 2020

To Whom It May Concern:

I am writing this letter in support of the proposed collaboration between UFSC professor Dr. Jonny Carlos da Silva and PhD Student Mr. Bruno Ziegler Haselein with NASA's Aviation Safety Reporting System (ASRS), which is managed and operated by NASA Ames Research Center.

The proposed research to develop knowledge-based systems that make use of the vast ASRS database to predict safety events is compatible with on-going research efforts within NASA's System-Wide Safety (SWS) project. NASA's SWS activities are directed toward building a system of expanded safety awareness that includes increased access to relevant data, integrated analysis capabilities, improved real-time detection and alerting of hazards, full decision support and automated safety mitigation strategies.

The proposed duration of this collaboration is from approximately October 1, 2020 to March 31, 2021. To the best of my knowledge, I believe that Bruno´s English is adequate to develop the project. While Bruno's work will be financially supported by a Brazilian Research Agency (to be defined), NASA ASRS will provide access to a workspace within the NASA ASRS offices in Sunnyvale, California. This workspace will be co-located with ASRS aviation safety analysts to facilitate interactions and collaborations.

The ASRS is a confidential reporting system and thus strict measures are in place to protect the identity of those that submit safety reports to the ASRS. As such the following conditions will apply throughout this collaboration:

- Approval by NASA Ames Security is required before access to facilities and NASA computer networks can be granted
- The provided workspace within ASRS is a highly secure facility and access will only be available during specified hours (typically weekdays between 8:00 a.m. and 4:00 p.m.)
- Access to ASRS safety reports in process, that have not yet been de-identified, will not be available.
- A signed non-disclosure agreement must be in place
- Information attained about ASRS reports or report processing may not be shared, presented, or published without explicit permission from the ASRS Director

I believe this close collaboration between UFSC and NASA ASRS has great potential to yield data analyses tools that may be used to predict and explain aviation safety incidents. I look forward to this potential collaboration.

Becky L. Hooey, Director
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MS 262-4