



**Memorandum between CVUT and GEAC about the sustainability
of research collaboration after the completion of the Research Project**

Czech Technical University in Prague, Faculty of Mechanical Engineering, VAT: CZ68407700, Technická 4, 166 07 Praha 6 - Dejvice ("CVUT") and GE Aviation Czech s.r.o., VAT: CZ27928845, Beranových 65, 19902 Praha 9 ("GEAC"; individually a "Party" jointly the "Parties") executed a Research Collaboration Agreement dated October 14, 2016, as amended (the "RCA").

Pursuant to Art. 17 of the RCA, upon the completion of the Research Project under the RCA, GEAC intends to provide CVUT with such continued necessary know-how, human resources, and cooperation for their further development to support successful sustainability of the Research Project.

Through the RCA collaboration, CVUT has in fact become GEAC's primary research partner for projects based in the Czech Republic.

By this written instrument, the Parties wish to clarify their mutual understanding of Art. 17 of the RCA for the nearest period as follows:

- A. While the RCA does not specify the duration of sustainability period, CVUT represents, and GEAC understands, that the nearest sustainability period should commence on October 1, 2022, and should last until October 1, 2027 according to the sustainability period of CVUT research project connected with the RCA.
- B. During the nearest sustainability period, the Parties desire to actively to explore areas for further collaboration, subject to the conditions set forth in letter C. below. Areas of collaboration may include:
 1. Utilization of either the CVUT DYNO or the PROP ground test cells capacity and, where practicable, or the Flying Test Bed (FTB) capacity, at least once a year.
 2. Enhancing CVUT's potential as GEAC's primary research partner for new R&D projects that will be based in the Czech Republic.
 3. In case GEAC decides to research or develop a new turboprop centerline engine or a derivative model of existing turboprop engines such as H-series and GE Catalyst, GEAC would always investigate first with CVUT the potential involvement of CVUT prior to exploring other partnership options.
 4. Exploring potential collaboration in the following R&D topics, by way of example:
 - Hybrid engines,
 - New fuels (e.g., hydrogen and SAF),
 - New variants of engine service tools (e.g., a robotic borescope),

- Commercialization or use of CVUT's patents,
 - Advanced motor modelling,
 - Monitoring system concepts and predictive maintenance (e.g., automated digital twin),
 - New materials,
 - Brilliant factory & IIoT, artificial intelligence, space research, robotics,
 - Product Cost out projects,
 - Engine component redesign for reliability or manufacturability purposes.
5. Continuing the collaboration on student and doctorate theses whereby GEAC may propose R&D topics of GEAC's interest that will be announced to CVUT's students.
6. GEAC will arrange CVUT's workshop about CVUT's R&D ideas, concepts, and patents once a year, to GE Aviation central R&D department and, where practicable, to R&D departments of other GE divisions, with the aim to increase CVUT's visibility and potential for further industrial collaboration.
- C. Conditions for further collaboration during the sustainability period:
1. As long as there are no corporate restrictions, contractual obligations, customer requirements, or statutory restrictions, that would prevent GEAC from engaging with CVUT (e.g., military restrictions, restricted governmental projects a requirement of a customer not to use subcontractors, export control regulations etc.).
 2. CVUT can timely secure proper, functional, and safe, infrastructure required to execute CVUT's portion of scope of work for eventual collaboration, for example ground test cells and FTB, as appropriate.
 3. CVUT can timely secure adequate funding to execute CVUT's portion of scope of work for eventual collaboration.
 4. CVUT can timely secure sufficient, qualified, and experienced personnel to execute CVUT's portion of scope of work for eventual collaboration.
 5. CVUT can offer market competitive terms (cost, price, schedule, contractual framework).
 6. CVUT demonstrates commitment and ability to protect GE intellectual property.
 7. In case any project or collaboration require adherence to military, dual use, international trade controls, or to any other rules, CVUT demonstrates commitment and ability to comply with such requirements in a timely manner with respect to the desired schedule.
- D. On or around the expiry of the sustainability period defined in letter A. above, the Parties will evaluate the results of the sustainability collaboration and, in good faith, negotiate about the terms of further collaboration.



CZECH TECHNICAL UNIVERSITY
IN PRAGUE, FACULTY OF
MECHANICAL ENGINEERING

By: _____

Name: _____

Title: _____

Date: _____



GE AVIATION CZECH, s.r.o.

By: _____

Name: _____

Title: _____

Date: _____