# LETTER OF INTENT FOR COOPERATION IN ELECTRIC VERTICAL TAKE-OFF AND LANDING (eVTOL) AIRCRAFT

#### **BETWEEN THE**

# FEDERAL AVIATION ADMINISTRATION DEPARTMENT OF TRANSPORTATION UNITED STATES OF AMERICA

#### **AND THE**

# NATIONAL CIVIL AVIATION AGENCY (ANAC) MINISTRY OF INFRASTRUCTURE THE FEDERATIVE REPUBLIC OF BRAZIL

WHEREAS, the Federal Aviation Administration (hereinafter referred to as "FAA") of the Department of Transportation of the United States of America, and the National Civil Aviation Agency of the Ministry of Infrastructure of the Federative Republic of Brazil (hereinafter referred to as "ANAC"), are each engaged in overseeing the airworthiness and flight safety of electric vertical take-off and landing aircraft (hereinafter referred to as "eVTOL");

CONSIDERING the Convention on International Civil Aviation of December 7, 1944, of which the United States of America and the Federative Republic of Brazil are signatories;

DESIRING to promote aviation safety and environmental quality;

DESIRING to promote technological development on aviation services;

NOTING common interest in the safe operation of civil aircraft;

NOTING the recent increase in activities related to the development and implementation of new technologies to the civil aviation system;

RECOGNIZING the emerging trend towards multinational design, production, and interchange of civil aeronautical products;

RECOGNIZING the role of Civil Aviation Authorities to coordinate a safe and harmonized introduction of new technologies in the civil aviation system;

DESIRING to enhance cooperation and increase efficiency in matters relating to civil aviation safety on the basis of reciprocity and mutual benefit, within the limitations of the applicable legislation and the budget of each Authority; NOW THEREFORE, the FAA and ANAC (collectively, the "Participants", and individually, a "Participant") intend as follows:

#### I. OBJECTIVES

A. In line with this Letter of Intent (hereinafter referred to as the "Letter"), the Participants intend to cooperate in promoting the safety oversight of eVTOL, including airworthiness and product certification. The principal objectives of this cooperation are (1) to exchange ideas, information, skills, and techniques, and (2) to collaborate on projects and issues of mutual interest in relation to eVTOL.

B. The objectives of this Letter, with respect to eVTOL, may be achieved through the intent to cooperate in any of the following areas:

- Establish and maintain communication at the technical level with the purpose of sharing experiences and leveraging knowledge related to certification of eVTOL;
- 2. Seek joint participation and alignment in international technical groups involved with the development of standards applicable to eVTOL aircraft;
- 3. Pursue the development or adoption, of common or aligned, technical standards applicable to the certification of e-VTOL aircraft;
- Promote the benefits of concurrent validations to the industry, as a means to facilitate alignment of technical standards and compatibility of the civil aviation systems;
- 5. Coordinate the early involvement in technical conversations related to the certification of new eVTOL products where validation is intended; and
- 6. Cooperate on the harmonization of policies, procedures, and practices related to certification of eVTOL.

## **II. IMPLEMENTATION**

A. Specific cooperative activities and technical programs implemented under this Letter are to be delineated and described in subsequent implementing arrangements, under the conditions that are specific to that project, if mutually decided by the Participants.

B. In performing the activities related to this Letter, the Participants may, subject to the availability of appropriated funds and other resources, facilitate the provision of personnel, necessary resources, and related support services and cooperate to the extent practicable and allowable under the applicable domestic laws and regulations of each Participant.

C. Representatives of the Participants (and other agencies and contractors as mutually decided by the Participants for specific work programs) intend to meet periodically to:

- 1. Identify and consider proposals for new cooperative activities; and
- 2. Review the status of ongoing activities that have been carried out under
- any implementing arrangements to this Letter.

D. The Participants intend that the release or exchange of information done in line with this Letter may only be allowable under the applicable domestic laws and regulations of each Participant.

#### III. FUNDING

Unless otherwise specified in an implementing arrangement under this Letter, each Participant intends to bear its own costs of the activities it performs under this Letter.

## IV. DESIGNATED POINTS OF CONTACT

A. The designated points of contact of the Participants for the coordination and management of activities occurring in line with this Letter, and where all proposals for cooperation under this Letter should be made, are:

1. For the FAA:

Federal Aviation Administration Office of International Affairs 600 Independence Avenue, SW FOB 10B, 6<sup>th</sup> Floor East Washington, D.C. 20591 USA

Telephone: +1-202-267-1000 E-mail: 9-AWA-AVS-AIR400@faa.gov

2. For ANAC:

3

Airworthiness Agreements and International Coordination Group – CINTERA National Civil Aviation Agency Rua Dr. Orlando Feirabend Filho, 230 Centro Empresarial Aquarius - Torre B - Andares 14 a 18 Parque Residencial Aquarius São José dos Campos – SP – CEP 12.246-190 Brazil

Telephone: +55 12 3203-6722 E-mail: air.agreements@anac.gov.br

## V. MODIFICATIONS

The Participants may modify this Letter by mutual decision with the details set forth in writing in a modification to this Letter.

## VI. <u>RESOLUTION OF DIFFERENCES</u>

The Participants intend to resolve any difference regarding the interpretation or implementation of this Letter through consultations between the Participants.

## VII. DATE OF COMMENCEMENT AND DISCONTINUATION

A. Cooperation under this Letter commences on the date of the last signature.

B. Either Participant may discontinue this Letter at any time without cause, for any or no reason at any time, but each Participant should endeavor to provide sixty (60) days' prior written notice to the other Participant.

The Participants expressly acknowledge and accept that this Letter merely constitutes a declaration of mutual intent of the Participants without any intent to create any binding commitments or obligations between them.

# FEDERAL AVIATION ADMINISTRATION DEPARTMENT OF TRANSPORTATION UNITED STATES OF AMERICA

BY:

TITLE: Executive Director Aircraft Certification Service

DATE: October 17, 2023 PLACE: San Paulo BRAzil

# NATIONAL CIVIL AVIATION AGENCY MINISTRY OF INFRASTRUCTURE FEDERATIVE REPUBLIC OF BRAZIL

Roberto José Silveira Honorato

TITLE: Head of the Airworthiness Department

DATE: 17/10/2023 PLACE: São Paulo BRASIL

BY: