MEMORANDUM OF COOPERATION
NAT-I-4012

IN THE DEVELOPMENT OF
COMMERCIAL SPACE TRANSPORTATION

BETWEEN

**THE FEDERAL AVIATION ADMINISTRATION,
DEPARTMENT OF TRANSPORTATION, UNITED STATES OF AMERICA,**

THE DEPARTMENT OF TRANSPORT, UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND,

THE UNITED KINGDOM SPACE AGENCY (an executive agency of the Department for Business Innovation and Skill) for and on behalf of the SECRETARY OF STATE FOR BUSINESS INNOVATION AND SKILLS, UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

AND

THE CIVIL AVIATION AUTHORITY, UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

WHEREAS the Federal Aviation Administration ("FAA") of the Department of Transportation of the United States of America ("U.S.") and the Department of Transport ("DfT") of the United Kingdom of Great Britain and Northern Ireland ("U.K."), the United Kingdom Space Agency of the U.K. ("UKSA"), and the Civil Aviation Authority of the U.K. ("CAA") have a common interest in promoting safe operations and seek to benefit from increased mutual cooperation in the area of commercial space transportation;

WHEREAS both the FAA, DfT, UKSA and CAA desire to promote and maintain a dynamic, safe and efficient space transportation industrial base;

WHEREAS the FAA, DfT, UKSA and CAA understand the U.S. National Space Transportation Policy of 2013 and the U.S. National Space Policy of 2010 ("Space Policies") emphasize the importance of U.S. and international collaboration in jointly beneficial space transportation-related activities that may include, but are not limited to: space science; space exploration, including human space flight activities; and space transportation;

WHEREAS THE U.S. has been a center for the development of space flight and exploration and the U.K. has been a center for the development of supersonic flight and its commercial operation and regulation, both are desirous of fostering the development of commercial space transportation.

NOW THEREFORE, FAA, DfT, UKSA and CAA (collectively, the "**Participants**" and individually, a "**Participant**") declare as follows:

The Participants expressly acknowledge and accept that this MOC merely constitutes a statement of the mutual intentions of the Participants without any intention to effect legal relations between them. Further, that its provisions are entirely voluntary and do not create any binding commitments or obligations on either of them or in favour of any third parties. In addition, the Participants recognize that any commercial or contractual relationships which may be pursued or entered into between one Participant and any third party in connection with or arising out of the matters set out in this MOC does not create or impose any obligations on the other Participant to proceed with any agreement [with any third party] by virtue of this MOC.

I. OBJECTIVES

Pursuant to this MOC, the Participants intend for enhanced cooperation to encourage free movement and operation of space transport vehicles between the U.S. and U.K., with a view to encourage, among other things, commercial transatlantic space travel.

Pursuant to this MOC, the Participants intend to cooperate and assist each other in following the development of vehicles and compiling non-proprietary safety data relating to commercial space transportation. This to be without prejudice to any matters of national security, defence or national interest.

Pursuant to this MOC, the Participants intend to cooperate and assist each other in recovery of persons and vehicles involved in commercial space transportation. This to be without prejudice to any matters of national security, defence or national interest.

Pursuant to this MOC, the Participants intend to cooperate in the exchange of knowledge and to exhange ideas, information, and to collaborate on problems and projects of mutual interest.

Pursuant to this MOC, the Participants intend to cooperate in the development of United Kingdom safety regulations applied to commercial space transportation and promotion of industry standards. The principal objectives of this cooperation are to exhange ideas, information, and to collaborate on problems and projects of mutual interest.

Such coooperation should concentrate on public safety, policy, and commercial orbital and suborbital space transportation activities.

The objectives of this MOC may be achieved by cooperation in the following areas including but not limited to:

1. The exchange of information regarding law, regulations, policies, programs and projects, research results, and publications including previous space flight and supersonic flight programmes;

2. The sharing of established practices;

3. The strengthening of private sector partnerships; between the governments and the private sector;

4. The joint organization of symposia, workshops, conferences or working groups; and

5. Any other cooperative activities jointly determined by the Participants to be beneficial.

II. IMPLEMENTATION

A. Cooperation among the Participants under this MOC is subject to the availability of funds and other necessary resources, and to the applicable laws and regulations of the U.S. and the U.K., including all applicable international agreements and obligations.

B. Representatives from the FAA, DfT, UKSA and CAA intend to meet periodically.

C. The Participants intend to notify each other within 30 days to establish a working agenda and contacts to be responsible for the coordination and management of any cooperative activities under this MOC. Each Participant intends to appoint two individuals to work towards implementing the desired cooperation.

III. EFFECTIVENESS AND DURATION

The foregoing record represents the understandings reached between the Participants.

This Memorandum will come into operation on signature and will continue in operation until terminated by either participant giving six months' written notice to the other.

FEDERAL AVIATION ADMINISTRATION
DEPARTMENT OF TRANSPORTATION
UNITED STATES OF AMERICA

BY: _____

TITLE: Dr. George C. Nield
Associate Administrator,
Office of Commercial Space
Transportation

DATE: 7/15/2014

PLACE: _____

DEPARTMENT FOR TRANSPORT
UNITED KINGDOM OF GREAT BRITAIN
AND NORTHERN IRELAND

BY: _____

TITLE: DIRECTOR GENERAL CIVIL AVIATION
duly authorised, for and on behalf
of the Secretary of State for
Transport

DATE: 18/7/2014

PLACE: _____

UNITED KINGDOM SPACE AGENCY,
(an executive agency of the Department for Business Innovation and Skills) for and on behalf of the SECRETARY OF STATE FOR BUSINESS INNOVATION AND SKILLS of the UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

BY: _____

TITLE: CHIEF EXECUTIVE
duly authorised, for and on behalf of the UKSA, for and on behalf of the Secretary of State for the Department for Business, Innovation and Skills DATE:

PLACE:

CIVIL AVIATION AUTHORITY

BY: _____

TITLE: CHAIR
The Civil Aviation Authority
DATE: 15 July 2014

PLACE: