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INTERNATIONAL CIVIL AVIATION ORGANIZATION

ASSEMBLY – 35TH SESSION

EXECUTIVE COMMITTEE

Agenda Item 15: Environmental protection

IMPROVEMENT IN THE IMPLEMENTATION OF ANNEX 16 BY DEVELOPMENT OF GUIDANCE TO ASSIST STATES MORE IN NOISE MITIGATION AND REDUCTION OF THE ENVIRONMENTAL IMPACT OF THE AIRCRAFT ENGINE EMISSION

(Presented by the Islamic Republic of Iran)

SUMMARY

This working paper presents, for consideration and adoption by Executive Commission, a Global Study Programme in order to develop Aircraft Engines with limited noise, and reduced environmental impact of engine emissions

INTRODUCTION

1. For updating the consolidated statement of continuing ICAO policies and practices related to environment protection (Assembly Resolution A33-7), this paper proposes a Global Study Programme on the development of guidance material and design features, specifications of the material for the manufacture of Aircraft Engines in order to mitigate the air, noise and environmental pollution and accordingly minimize their domino effects.
2. Development of guidance material to assist all states of design and manufacture of Aircraft Engines in implementing the concept of the balanced approach to noise reduction is proposed.
3. ICAO policies and practices related to environmental protection shall be implemented by reducing environmental impact of aircraft engine emissions with the objectives of improving the consistency as well as the level of understanding and conformity by the states of design and manufacture of Aircraft Engines on the issue, and also the universal attempt to study a new type of Aircraft Engine Fuel, which lessens Air Pollution and contamination, is necessary.

ACTION BY THE ASSEMBLY

4. The Assembly is invited to:
 - a) consider the views and proposals presented above, and take the appropriate measures, and
 - b) give consideration for a Global Study Programme for the development of aircraft engine with the noise mitigation features;
 - c) urges the Secretary General to ensure ICAO participation in a universal study of a new type of Aircraft Engine Fuel which yields less contaminants and consequently minimizes the air, noise and environmental pollution.

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