



International Civil Aviation Organization

CAR/SAM Regional Planning and Implementation Group (GREPECAS)

Fifteenth Meeting of the CAR/SAM Regional Planning and Implementation Group (GREPECAS/15)

Rio de Janeiro, Brazil, 13 – 17 October 2008

Agenda Item 2 Global and inter-regional activities

2.1 Inter-regional and intra-regional CNS/ATM activities and coordination

NEXT GENERATION AIR TRANSPORTATION SYSTEM

(Presented by the United States of America)

SUMMARY

This working paper introduces information contained in the video on the United States' Next Generation Air Transportation System (NextGen). NextGen is a transformation of U.S. aviation using 21st century technologies to ensure future safety, capacity and environmental needs are met.

1. Introduction

1.1. In an effort to broaden awareness and understanding of the Next Generation Air Transportation System (NextGen), including the overall approach, implementation planning, and expected benefits, the FAA has developed a short video to be presented in conjunction with this Working Paper.

2. Discussion

2.1 NextGen envisions a performance-based system that is far more efficient – one that is satellite and network based, scalable to meet expected increases in capacity, and capable of handling a wide range of new aircraft and aviation business models.

2.2 NextGen is based upon an improved focus on user needs and distributed decision making, improved human and automation decision processes and systems, an integrated safety management approach, improved weather operations, and international coordination, most of which will take place in the appropriate Planning and Implementation Regional Group mechanisms.

3. Action suggested

3.1. States are invited to:

- a) Take into account the information presented in the video to better understand the United States' plans for NextGen, and to use this understanding to identify similar initiatives within their respective airspace systems; and
- b) Coordinate implementation plans through the appropriate GREPECAS Subgroup and Task Force mechanisms.

– END –