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International Civil Aviation Organization

THIRD MEETING OF THE GREPECAS ATM/CNS SUBGROUP ATM COMMITTEE AIR TRAFFIC MANAGEMENT TASK FORCE – (ATFM/TF/3)

(San Andrés, Colombia, 18 to 22 June 2007)

Agenda Item 4: **ATFM data bank**

(Presented by Brazil)

SUMMARY

This working paper presents the Aerodrome Movement Data Processing System (STDMA) which makes possible the aerodrome monitoring and which data base can still be used by several functions of a FMU.

1. **Introduction**

1.1 The Aerodrome Movement Data Processing System (STDMA) has as purpose to provide a fast mean of achieving researches based on the crossing of the information of the Forms of Aircraft Movement in Aerodrome, generated by the Control Tower Management System, with the information of Time of Air Transport (HOTRAN), of RPL, as well of SLOT, when the aerodrome is in the Monitored and/or Coordenaded, making possible the visualization of the relation among the quantities of effective flights accomplished by the air companies and the quantities of these flights foressen in HOTRAN, RPL, and SLOT files, according to the case.

2. **Discussion**

1.2 The Statistics Position (SGTC) of CGNA receives from the Air Traffic Control Units, usually, through electronic means, the Forms of Aircraft Movements in Aerodrome daily or according with the possibilities of each sector involved. At the moment, the available data of the several aerodromes of SGTC net that are 107 (a hundred and seven), only 32 compose the CGNA data base.

1.3 This base is composed of the following aerodromes: SBBE; SBBH; SBBR; SBKP; SBCG; SBCF; SBSP; SBCT; SBFL; SBFZ; SBFI; SBGL; SBGO; SBGR; SBJV; SBLO; SBMO; SBEG;

SBMT; SBNT; SBNF; SBPL; SBPA; SBRF; SBRP; SBSV; SBRJ; SBSJ; SBSL; SBUR; SBUL and SBVT.

2.1. The data, after have been processed by STDMA, shall be presented in sheet and graphic forms, and much information can be taken such as:

- Quantity of landings and departures of a period (day, week and month...);
- Percentual relation among flights of the general, regular and military. Airplanes and helicopters;
- Information about the SLOT solicitation:
- HOTRAN Information;
- RPL Information;
- Flights realized without SLOT, RPL, HOTRAN;
- Percentual Relation of the effective utilization of the RPL, SLOT, HOTRAN;
- Statistics with or without consideration of helicopters and/or military;
- Data export.

2.2. Each FMP/FMU shall use the STDMA for study of the aerodrome movements of the area over its jurisdiction, since they receive the movement reports originated by the respective SGTCs. This correlated information provides diversified statistics data on the aerodrome movements.

3. Suggested Action:

3.1 The meeting is invited to:

- a) To take note of the information provided in this Working Paper.
- b) Consider the information provided in this Working Paper to elaborate the guidance material for the ATFM Data Base in the CAR/SAMRegions.