

Runway Safety Team (RST) Workshop

Group Exercise

RST Installation

Airport example: Certified International Airport



Airport information

Corrective Action Plan (CAP) of the operational certification process

Standardize and compact RWY 15/33 prepared strip: two years

Install ALSF-1 in runway end 33: three years

Master Plan

Third runway construction, parallel to 15/33, with 4000m long and 45m wide, with flexible pavement (asphalt): five years

Air Navigation Infrastructure

ATS: TWR

Radio navigation aids : ILS CAT II (Runway End 15), ILS CAT I (Runway End 33)

Visual aids: marking, beacon, wind direction indicator, PAPI, ALSF-2 (Runway End 15)

Operative specifications

CRA 4E - critical aircraft: B744

Operations by runway end:

Runway 15/33 (2.200x45m)

Runway End 15: IFR precision Cat II day/night

Runway End: IFR precision Cat I day/night

Runway 11/29 (1790x45m)

Runway End 11: IFR NP day/night

Runway Enda 29: IFR NP day/night

Special operations - exemption

In Instrument Meteorological Conditions (IMC), prohibit the operation of aircraft with reference code letters “D” and “E” in parallel taxiway “B” while there is a landing or departure operation of aircraft with reference code number 3 or 4 in runway 15/33.

Passenger and aircraft movement

7 national airlines and 8 international airlines have operations in the aerodrome

10 million passengers/year (9 M national y 1 M international)

220 thousand movement/year - regular flights

30 thousand movements/year - general aviation

Safety Management System (SMS)

SMS implemented in four stages, with SMS audit

Global Reporting Format

Sistema de medición y difusión del estado superficial de la pista implantado, con difusión del RCR en la web.

KPI - Performance Indicators: last five years

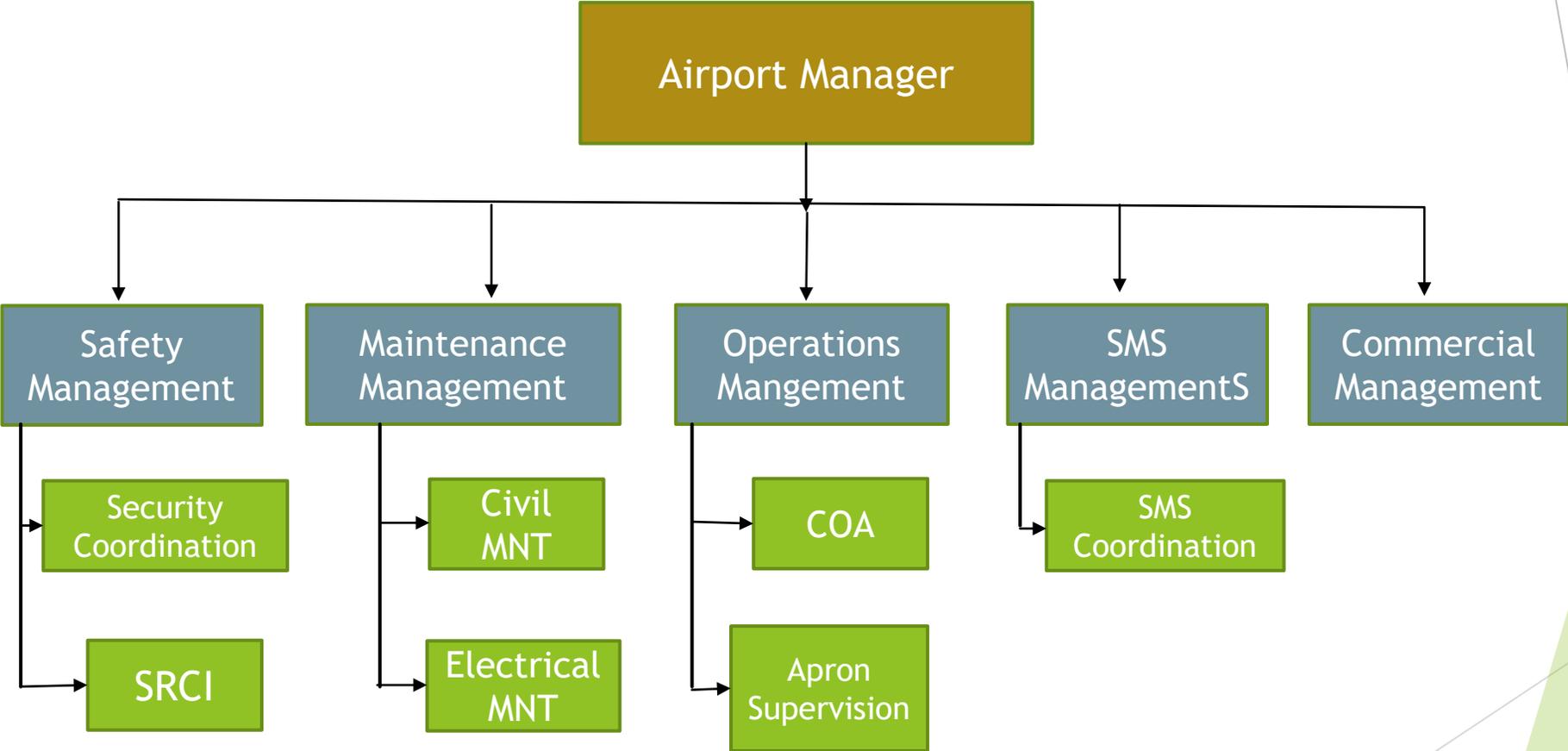
3 runway incursions: one of severity B and two with severity C

2 runway excursions without infrastructure influence

50 strikes with birds

15 FOD in the runway.

AIRPORT ADMINISTRATOR ORGANIZATION CHART



Working Groups

The audience will be divided in six groups for the exercise.

Exercise Objective

- Carry out two tasks:
 - a) **Grupos 1, 2 e 3:** prepare a project for the RST implementation at the airport
 - b) **Grupos 4, 5 y 6:** preparar un Plan de Acción para ser aprobado y supervisado por el RST
- Therefore, we will have four tasks, three of RST implementation and three of Action Plan.
- Proposal: compare the three assignments presented by the groups that will do the same exercise.

Tasks description

Groups 1 to 3 will present, each:

Group 1 - Description of the steps to be followed until the committee installation meeting;

Group 2 – Fill out the RST Internal Regulation with: objective, responsibilities of the members, frequency of the ordinary meetings, conditions to call an extraordinary meeting, decision rules in the meetings and members list;

Group 3 – Define the meeting mode: face-to-face, virtual or hybrid; define if a visit to the movement area will be carried out by the RST, and propose five issues to assess the RST effectiveness.

Groups 4 to 6 have to present action proposals for the Action Plan, defining: What to do, How, and When.

Group 4 – Define two or more actions obtained from the pilots opinion survey;

Group 5 – Define two or more actions for infrastructure/aids improvement;

Group 6 – Define two or more enhancement actions identified by the CAA.

Time to do the assignment:

30 (thirty) minutes

Presentation of assignment:

The assignments will be presented within a 5-minute slot.

Other five minutes will be provided for questions and discussions.



GOOD WORK