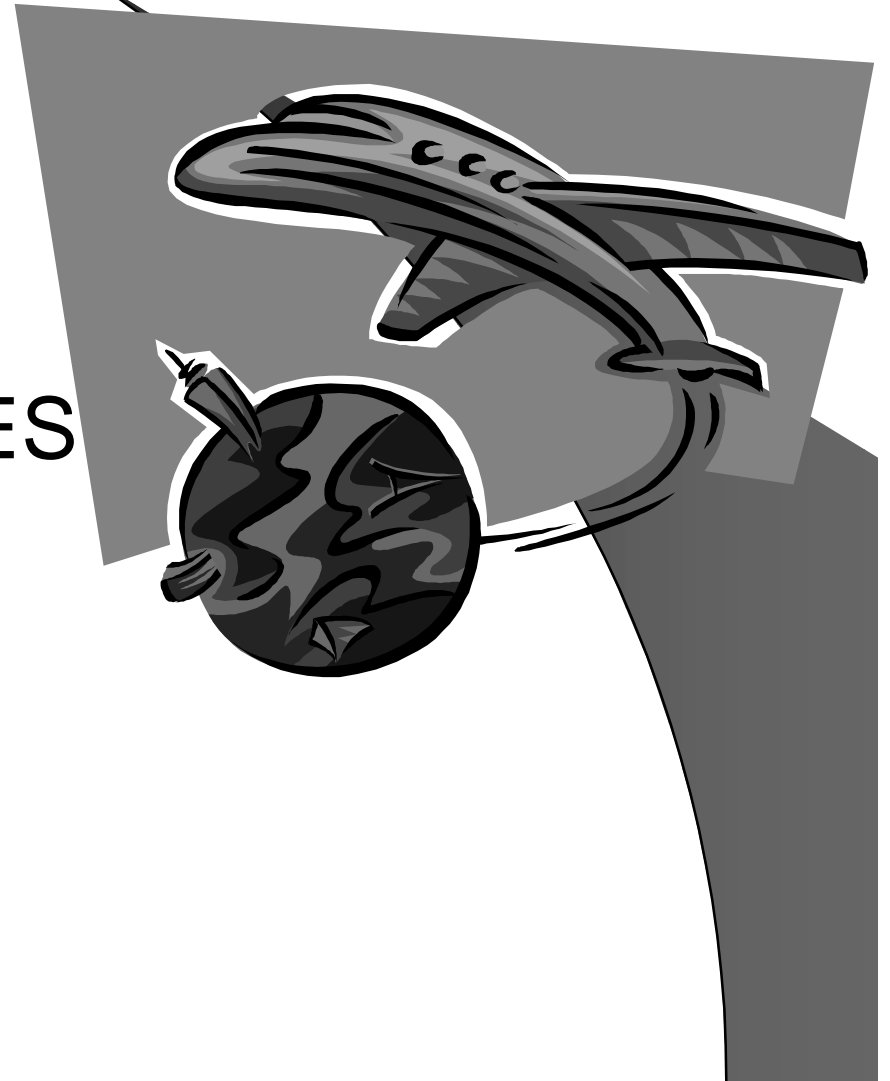


AERODROME SAFETY MANAGEMENT SYSTEM

- CONCEPT
- OBJECTIVES
- BASIC PROCEDURES
- ACTION AREAS
- STRUCTURE
- SUGGESTIONS



OBJECTIVES

- TO MAINTAIN AND TO IMPROVE THE ACTUAL LEVEL OF OPERATIONAL SAFETY.
- TO MINIMIZE THE RISKS OF AVIATION ACCIDENTS TO REASONABLE LEVELS IN ORDER TO ALLOW THE AVIATION DEVELOPMENT.
- TO IMPLEMENT A FORMAL AND EFFECTIVE SAFETY OPERATIONAL MANAGEMENT SYSTEM.
- TO DEFINE THE INDIVIDUAL AND MANAGERIAL RESPONSIBILITY THROUGH THE PERFORMANCE LEVEL OF SAFETY MANAGEMENT SYSTEM.

CONCEPT

THE SAFETY MANAGEMENT SYSTEM IS AN INSTRUMENT THAT PERMITS THE EXPLOITER TO MAINTAIN AND TO IMPROVE THE SAFETY OF THE AIRPORT OPERATIONS BASED ON THE OBJECTIVES AND PROCEDURES PREVIOUSLY DEFINED.

OBJECTIVES

- TO GIVE PRIORITY TO THE AVIATION SAFETY BEYOND THE COMMERCIAL, OPERATIONAL, ENVIRONMENTAL AND WORKING PRACTICES PRESSURE.
- COMPLIANCE WITH THE SAFETY STANDARDS AND PROCEDURES ACCORDING TO THE BASIC AVIATION LAW.
- TO CONTROL THE COMPLIANCE OF THE AERODROME SAFETY/SECURITY STANDARDS BY THE CONTRACTORS AND SERVICE PROVIDERS.

PROCEDURES

- PUBLICATION OF THE RESPONSIBILITY AND DUTIES OF THE PERSONAL INVOLVED IN THE SAFETY MANAGEMENT SYSTEM.
- INVESTIGATION OF SAFETY INCIDENTS AND THE IMPLEMENTATION OF CORRECTIVE MEASURES.
- REGISTRATION AND CONTROL OF SAFETY STANDARDS INCLUDING A REGISTER OF THE SIGNIFICANT INCIDENTS.
- INTERNAL AND EXTERNAL PUBLICATION OF THE SAFETY INVESTIGATION RESULTS AND THE OBTAINED EXPERIENCIES.

PROCEDURES

- TO ESTABLISH REGULAR AUDITS AND REVISIONS TO ENSURE THAT THE CORRECTIVE ACTIONS ARE EXECUTED.
- TO CERTIFY THAT THE TRAINING PERSONNEL AND COMPETENCE ARE ADEQUATED.
- EARLY DETECTION OF THE DEVIATIONS AND/OR PROCEDURES THAT CAN DEGRADE OR DETERIORATE THE SAFETY LEVELS.
- DETECTION OF THE EQUIPMENT DETERIORATION USED IN THE SAFETY MANAGEMENT SYSTEM.

PROCEDURES

- THE PERSONNEL INVOLVED IN THE SYSTEM, REPORT THE DETECTED RISKS TO THE APPROPRIATE LEVEL OF THE ORGANIZATION.
- TO IDENTIFY AND TO FACE THE POTENTIAL RISKS DERIVED FROM THE CHANGE OF OPERATIONS, SYSTEMS, PROCEDURES AND ASSOCIATED PERSONNEL WITH THE ACTIVITIES OR SIGNIFICANT FUNCTIONS FOR THE SAFETY.
- TO CONDUCT PROCESSES FOR THE EVALUATION OF THE SAFETY SYSTEM, REQUIRED FOR THE CERTIFICATION OR APPROVAL OF THE IN FORCE STANDARDS.

ACTION AREAS

- NOTIFICATION OF AERODROME (INFORMATION OF THE AIP CHANGES OR PROCEDURES).
- AERODROME MOVEMENT AREA.
- AIRPORT EMERGENCY PLAN.
- RESCUE AND FIRE FIGHTING.
- INSPECTION OF THE MOVEMENT AREA AND THE OBSTACLE LIMITATION.
- VISUAL AIDS AND AERODROME ELECTRIC SYSTEMS.

ACTION AREAS

- MAINTENANCE OF THE MOVEMENT AREA.
- CONSTRUCTION WORKS AT THE AERODROME (SAFETY/SECURITY).
- APRON MANAGEMENT.
- APRON SAFETY MANAGEMENT.
- VEHICLE CONTROL IN THE AERODROME AIR SIDE.
- FAUNA HAZARD MANAGEMENT.

ACTION AREAS

- CONTROL OF OBSTACLES.
- DISABLED AIRCRAFT REMOVAL.
- HANDLING OF DANGEROUS MATERIALS.
- OPERATIONS IN REDUCED VISIBILITY CONDITIONS.
- PROTECTION OF RADIO AIDS AND RADAR INSTALLATIONS.

STRUCTURE

→ THE ORGANIZATIONAL STRUCTURE WILL DEPEND ON:

- AERODROME OPERATIVE CHARACTERISTICS.
- HUMAN RESOURCES, TECHNICAL AND FINANCIAL AVAILABILITY.
- MEDIUM AND LONG TERM GROWTH PROJECTION.

SUGGESTIONS

1. THAT THE AVSEC AND ATS/AIS/MET BODIES, DEVELOP A SECTION, WITH RECOMMENDATIONS OF THEIR AREAS, IN ORDER TO INCORPORATE THE SAFETY MANAGEMENT SYSTEM.
2. THAT ICAO REQUESTS THE STATES TO ESTABLISH A SAFETY COMMITTEE IN EACH AERODROME.
3. THAT ICAO URGES THE STATES TO CREATE INDEPENDENT AUDITS FOR THE SAFETY MANAGEMENT SYSTEM UNDER A RECOMMENDATION.