



*Fédération
Aéronautique
Internationale*

FAI EMS Code

Environmental Management System (EMS) for FAI Air Sports Activities

FAI Environmental Commission

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1 PREAMBLE

One of the principal objectives of FAI, defined in its statutes, establishes the engagement of air sports for the protection of the environment and wildlife. FAI encourages air sport practitioners globally to stand for the principles of environmental protection and nature conservation.

In order to obtain information on the influence of air sports on the environment and to evaluate this, the FAI established the Environmental Commission (EnvC), one of FAI's technical commissions. The objectives of EnvC are to maintain and improve conditions for the development of air sports while respecting realistically demonstrated environmental interests, and to advise the Executive Board and Air Sport Commissions on environmental matters affecting air sports.

The tasks of EnvC include providing information to air sport practitioners about the effects and impact that air sports can have on the environment and wildlife, the identification of areas for improvement, and the development of tools and instruments for a sustainable management of environmental affairs.

Industry on a global basis is using Environmental Management Systems (EMS) to improve and better control processes which can influence and impact the environment. Over the past decade of industrial experience there is clear indication and agreement that a systematic management approach towards all aspects of environmental protection leads to better environmental performance and less impairment of the environment.

FAI therefore acknowledges that EMS' are one of the best instruments to improve environmental protection. Therefore, FAI encourages its members to implement EMS for flying activities. This code defines the conditions under which FAI can approve and reward the implementation of an EMS for FAI Air Sports. This FAI EMS Code does not intend to be an EMS standard on its own.

The FAI EMS Code for FAI Air Sports Activities does not adopt or copy, nor intends to adopt or copy internationally recognized standards for EMS.

2 DEFINITIONS

2.1 Environmental Management System (EMS)

An environmental management system is part of an organisation's system used to develop, implement and manage its environmental performance. It consists of a set of interrelated elements which are used to establish policy and objectives, to achieve those objectives, and to



operate in an environmentally considerate manner. The rules of an EMS are defined in a standard, a document describing the system.

2.2 Environmental Management System (EMS) for FAI Air Sports Activities

An Environmental Management System for Air Sports Activities is an EMS which is adopted taking into account the specific environmental aspects of air sports.

2.3 FAI Air Sports Activity Organization

An FAI Air Sports Activity Organization is defined as an entity performing any activity as defined in Chapter 2 - Classifications and Definitions of the FAI Sporting Code. The FAI Code for Environmental Management System applies to all FAI Members, FAI Members' affiliated organizations, and any air sport person holding a valid FAI Sporting Licence. FAI members are National Air Sport Control organizations (NACs) who hold the FAI Sporting Powers in their respective countries. The FAI Sporting Code and other FAI codes apply to NACs and their members.

2.4 EMS Certification

An FAI Air Sports Activity organization which has developed and implemented an EMS may want to obtain proof that the system is conforming to the rules established in the EMS standard. Licensed Certification Organizations exist for the purpose of checking whether the concerned Air Sports organization has developed and implemented an EMS and is managing its environmental performance in accordance with the rules of the standard. A compliance certificate may then be awarded to the organization. In general, this will involve a fee for the services of the certification organization.

2.5 Licensed Certification Organization

A Licensed Certification Organization is a specialized entity, licensed, approved or appointed by a national government authority to undertake and certify management systems. The services of a Licensed Certification Organization are controlled by a national government authority.

2.6 FAI EMS Approval Committee

All matters related to EMS for FAI Air Sports Activities, certification and approval in conformance with the dispositions of this code are the responsibility of the FAI EMS Approval Committee (see section 8).



2.7 Flying Sites

Flying sites are airfields and other locations used for operation of aircraft, model aircraft, space models and parachutes involved in air sport activities. A flying site should but does not need to be owned, operated or controlled by an FAI Air Sports Activity organization.

3 OBJECTIVES AND SCOPE OF THE FAI EMS CODE

3.1 General Objective

The objective of the FAI EMS Code is to enable FAI to approve or recognise the implementation of an EMS for use in FAI-sanctioned Air Sports Activities compatible with existing international and national EMS standards.

Established and adopted international EMS standards as listed in 3.2 will be approved or recognised by FAI, if a certification by a Licensed Certification Organization is submitted.

Other EMS standards available on international or national basis other than those mentioned in 3.2 will be accepted based upon review and approval by the FAI EMS Approval Committee. The requirements defined in section 4.1 apply. Pre-requisite is the submission of a translated version of the relevant standard into the English language.

3.2 EMS Standards

International recognized standards for EMS have been developed by:

- International Standard Organization: ISO 14001 (2004)
- European Union: Environmental Management Audit Scheme (EMAS)

A national standard adopted especially for flying activities/sites is:

- German Aero Club (DAeC) and Environmental Department Schleswig-Holstein (Germany): Sport Audit Luftsport (Sport Audit for Air Sports – in German language – www.daec.de/uw/Sport-Audit_Luftsport.php)

Others:

- Additions to this list must be approved by the FAI EMS Approval Committee.



4 EMS ELEMENTS FOR FAI AIR SPORTS ACTIVITIES

4.1 General Requirements

By convention, an EMS identifies the required elements and establishes rules for each element. For the purpose of this FAI code, the most important elements are:

- Environmental Policy
- Environmental Aspects
- Environmental Objectives and Programs
- Roles and Responsibilities
- Training, Awareness and Competence
- Communication
- Documentation and Control of Documents
- Operational Control
- Emergency Preparedness and Response
- Monitoring including Measurement
- Corrective Action
- EMS Audit
- Management Review

As a guideline, an FAI Air Sports Activity and/or organization wishing to develop and implement an EMS, should meet the requirements in respect of the above mentioned elements.

Depending on the operational circumstances of the FAI Air Sports Activity, some of the elements above may be considered optional by the certification body or by FAI.

4.2 Documentation of the EMS for FAI Air Sports Activities

The development, implementation and basic operational management rules of an EMS for FAI Air Sports Activities in accordance to the elements mentioned in section 4.1 and 5 should be documented in writing. This is recommended for practical reasons regarding certification.

The documentation can be integrated into otherwise established and maintained documentation of an FAI Air Sports Activity organization.

For example, the documentation could include information on:

- Management functions and delegated responsibilities
- Flying activity related procedures and instructions
- Flying activity related and organization/site specific information



- Information related to the elements of the EMS

5 AIR SPORT/AVIATION RELATED EMS ELEMENTS

Depending on the activities of an FAI Air Sports Activity organization there are specific environmental air sport/aviation aspects which should be considered for an EMS, including the following elements:

1. Technical Requirements for Aircraft (Noise, fuel consumption, etc)
2. Procedural Requirements for Aircraft Movement (Flight patterns, etc)
3. Technical Requirements for Air Sports Activities, if operated by the organization implementing the EMS (Compliance with regulatory obligations, fueling stations, maintenance activities, etc)
4. Organizational Requirements for Air Sports Activities, if operated by the organization implementing the EMS (Management team, environmental personnel)
5. Nature Conservation Requirements (Landscaping considerations, wildlife protection)
6. Specific Aspects of other Air Sports Activities (Non-routine operations, emergencies)
7. Management of Consumables and Waste (Water, electricity, paper, trash, etc.)

Consideration and planning regarding these elements should be included in the documentation according to section 4.2. If written documentation is not available, detailed information must be provided during any on-site assessment by the Licensed Certification Organization.

6 CERTIFICATION

6.1 Documentation and Approval of Certification

An EMS which has been established in accordance with one of the standards mentioned in section 3 which is certified by a Licensed Certification Organization will be accepted by the FAI EMS Approval Committee, if the certificate issued by the Certification Organization states the standard applied and confirms its correct application and implementation.

A visit at the flying activity or operations site by the FAI EMS Approval Committee or NAC will in general not be performed. On request by the FAI Air Sports Activity organization, site visits by the FAI EMS Approval Committee or members of it, or NACs representatives, may be performed. In this case, travel, other expenses and costs are the responsibility of the FAI Air Sports Activity organization requesting such visit.



6.2 Certification Period

The certification period for the validity of the EMS of an FAI Air Sports Activity organization will be defined by the Licensed Certification Organization which certifies the EMS in accordance with national or international standards. Independent of such standards, FAI accepts certification periods of up to 5 years.

6.3 Surveillance

The Licensed Certification Organization which certifies the EMS of an FAI Air Sports Activity organization will define the intervals of surveillance assessments of the EMS in accordance with national or international guidelines. Independent of such guidelines, FAI accepts surveillance periods of up to 2 years.

7 FAI SYMBOLS FOR EMS CERTIFIED AIR SPORTS ACTIVITIES

7.1 FAI Logo for EMS certified Air Sports Activities

FAI Air Sports Activity organizations which have implemented an EMS demonstrate that they meet the requirements of the FAI Environmental Code, including that of the EMS Code. Therefore, they are entitled to use the FAI logo for EMS certified Air Sports Activities.

The logo is shown below:



ENVIRONMENTALLY CONSIDERATE FLYING

The text can be translated into the language of the applying Air Sports Activity organization.



7.2 Reward of FAI Certificate and Flag for an EMS certified FAI Air Sports Activity Organization

An FAI Air Sports Activity organization which has received FAI approval of its EMS certification will receive a one page certificate and a flag from the FAI EMS Approval Committee.

The fee for certificate and flag is 200 US\$.

The design of the flag is shown below:



ENVIRONMENTALLY CONSIDERATE FLYING

8 FAI EMS APPROVAL COMMITTEE

8.1 Tasks

The FAI EMS Approval Committee is tasked to check, approve and document applications of FAI Air Sports Activity organizations for acceptance of the certification of the EMS. It further has to check and approve candidates recommended by NACs as Licensed Certification Organizers for EMS of FAI Air Sports Activities.

This includes the requirement to maintain documentation on the correspondence of applications and submitted documentation, approvals, FAI Certificate and flag, and awards.



8.2 Composition

The FAI EMS Approval Committee consists of three members of the FAI Environmental Commission (EnvC). The chairman and members of the approval committee are elected at the annual meetings of EnvC.

Meetings of the approval committee may be conducted in person, in writing by standard mail, fax or email or by teleconference on a schedule decided by the Chairman Approval Committee.