



# Arab Republic of Egypt

Ministry of Civil Aviation

Egyptian Civil Aviation Authority

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## CONTINUED SAFETY MONITORING AND IMPLEMENTATION TO MAINTAIN CERTIFICATION OBLIGATIONS

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## Agenda :

1. Safety oversight Audit
2. Types of inspection
3. Scheduling Audits / Inspections
4. Factors triggering surveillance inspections
5. Procedures for Inspections and audits

# 1. Safety Oversight Audit(Inspectors handbook)

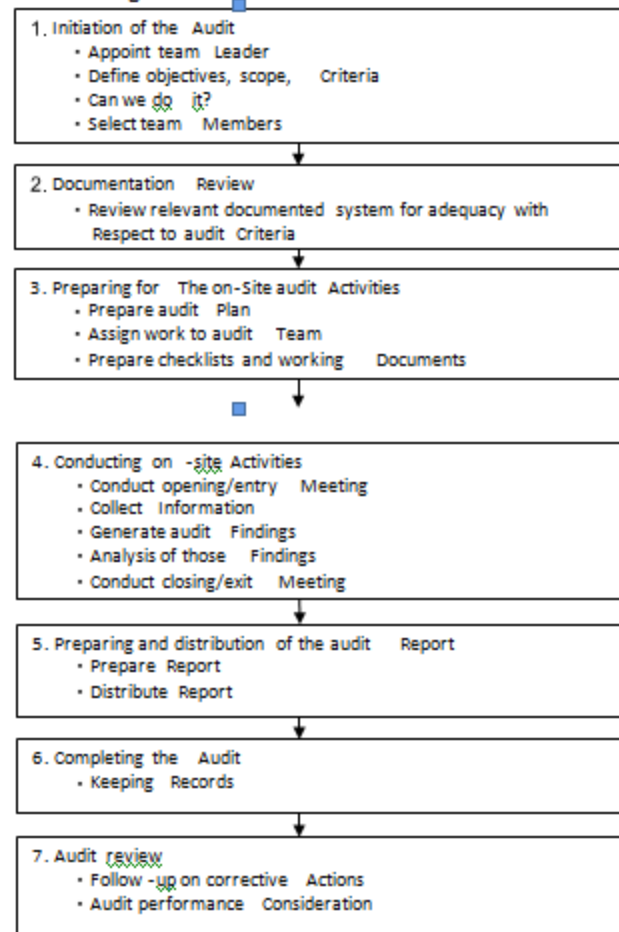
## ◎ 301.

i. There are distinct differences between the **aims** and **objectives** of **audits and inspections**, and the methodologies used to conduct each one.

An audit is a systematic and independent comparison of the way in which an aerodrome standard is being implemented, against the way in which the published procedures say it should have been implemented. Next Figure gives an Overview of audit activities.

# 1. Safety Oversight Audit(Inspectors handbook)

Fig. 1-2 Overview of Audit Process and Activities



# 1. Safety Oversight Audit(Inspectors handbook)

## ◎ 301.

An inspection is basically the act of observing a particular aerodrome operation, action, facility, equipment or document to verify whether the established procedures and requirements are followed, and whether the required standard of performance is achieved

## 2. Types of inspection

### 5.9.1 Initial Inspection

#### Ministry of Civil Aviation EAC 139-1 Aerodrome Certification Procedures

This is the first inspection conducted by an ACSI or initial inspection board prior to issuance of an aerodrome certificate.

## 2. Types of inspection

### ◎ 5.9.2 Annual Inspection:

This is an annual inspection conducted by a credentialed ACSI. Its purpose is to **insure that the certificate holder meets the requirements of ECAR 139 and the aerodrome certification manual.**

A full record and report of the inspection must be made and retained in the program files. **This type of inspection is recommended to be conducted at least once per year.**

## 2. Types of inspection

### ◎ 5.9.3 Regular inspections:

Conducted **every four months**, its purpose is to insure that the certificate holder meets specific requirements of ECAR 139 and the aerodrome certification manual.

The contents of the regular inspections shall be at the discretion of ACSIs, but be limited to the provisions of ECAR 139.

A full record and report of the inspection must be made and retained in the program files.



## 2. Types of inspection

### ◎ 5.9.4 Surveillance Inspections:

These are **announced or unannounced** inspections conducted in addition to the annual and regular inspections.

These inspections may be conducted for **any number of reasons; a follow-up to an annual or regular inspection finding**, to monitor airfield construction, or **test the airport's continued compliance with the aerodrome certification** manual and ECAR 139 requirements.

## 2. Types of inspection

### ◎ 5.9.4 Surveillance Inspections:

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They are **flexible in coverage** and **may encompass only a portion of the certification requirements**.

A record must be made of the visit and sent to DASS.

These inspections are not intended to be all-inclusive, but may be.

## 2. Types of inspection

### **SCHEDULING AUDITS / INSPECTIONS**

Deviations/exemption may be made from the cycles to shorten the time interval between inspections at a particular airport to accommodate—

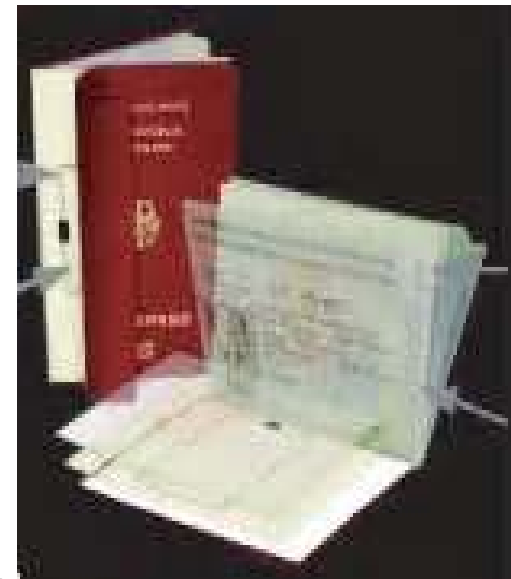
- ⦿ (1). Geographic proximity, i.e., it is permissible to inspect airports in the same geographic area or travel routing during the same inspection interval, or
- ⦿ (2). an operational need that would make it prudent to conduct an inspection at an airport prior to its scheduled inspection.

## 2. Types of inspection

### 302. SCHEDULING AUDITS/INSPECTIONS

The GM. of airport safety DEP. is responsible for scheduling inspections and audits of all aerodrome certificate holders and other aerodrome operators.

The selection of the aerodrome and the frequency of the inspections and audits will be at the discretion of the GM of airport safety DEP. , subject to the following:



### 3 - Factors triggering surveillance inspections :

- ① (1). Traffic density exceeding approximately 10 percent of the previous year.
- ② (2). Need to validate the airport index.
- ③ (3). Unsatisfactory enforcement history (administrative/legal).
- ④ (4). ACM issuance or upgrade within the previous 24 months
- ⑤ (5). Surface incidents or vehicle pedestrian deviations (V/PPDs).
- ⑥ (6). Recent management and/or ownership change.
- ⑦ (7). Construction activity.
- ⑧ (8). Wildlife activity.
- ⑨ (9). “Inactive status” and other considerations that are identified by the AI.

## 4 - Aerodromes' Certification Requirements :

### ◎ 3.6 Surveillance:

Conduct ongoing surveillance, as appropriate, in accordance with the guidance in Reports, Correspondence and Records of Doc. No. 2002-1, Airport Certification Program Handbook,

## 5 – Procedures for Inspection and Audits:

### Doc. 11200

### 5.11 Procedures for Inspections and audits

#### 5.11.1 Purpose:

Provide guidance for conducting Initial, regular. surveillance and Annual Inspections:

To comply with state safety oversight obligations;

To evaluate Aerodromes compliance with ECAR's relevant to the scope of aerodrome regulations including ACM, self inspection and aerodrome data provisions.

## 5 – Procedures for Inspection and Audits:

### ◎ 5.11.8.7 Initiate the appropriate follow-up activities, as required :

a- Follow up of aerodrome operator's corrective action plan.

b-The responsible administration(s) follow-up the action taken according to non complying conditions, review inspection report and ensures that they are carried out in accordance with ACM manuals, manufacture instructions and by authorized personnel.

The follow-up status used for reporting :  
is according to categorization of finding according to priorities



## 5 – Procedures for Inspection and Audits:

# Inspection Plan

| ملاحظات             | جدول التفتيش الدورى لعام ٢٠١٦ |                    |                   |                      |                  |                       |                  |                      |                     |                         |                          | م                               |       |
|---------------------|-------------------------------|--------------------|-------------------|----------------------|------------------|-----------------------|------------------|----------------------|---------------------|-------------------------|--------------------------|---------------------------------|-------|
|                     | ديسمبر                        | نوفمبر             | اكتوبر            | سبتمبر               | اغسطس            | يوليو                 | يونيه            | مايو                 | ابريل               | مارس                    | فبراير                   |                                 | يناير |
| مطارات دولية        | ٤٢<br>الغرفة                  | ٢٠-١٨<br>ترم الشيخ | ٢٣-٢١<br>الترهه ع | ١٨-١٦<br>القاهرة     |                  |                       |                  |                      | ١٧-١٥<br>برج العرب  | ٦-٤<br>الغرفة ع         | ٦-٤<br>ترم الشيخ         | ٢٢-٢٠<br>القاهرة ع              | ١     |
|                     |                               |                    |                   |                      |                  |                       |                  |                      | ٢٤-٢٢<br>الاقصر ع   | ٢٠-١٨<br>مرسى علم       | ١٣-١١<br>اسوان           | ٣١-٢٩<br>الترهه (مشروعات/عوائق) | ٢     |
| مطارات متاحة للدولى |                               |                    | ١٦-١٤<br>العريش ع | ٢٥-٢٣<br>ساتت كاترين | ٢١-١٩<br>العلمين | ١٧-١٥<br>شرق العوينات | ١٢-١٠<br>سوهاج ع | ٨-٦<br>بور سعيد ع    |                     | ١٣-١١<br>السيوط اضطرارى |                          |                                 | ٣     |
|                     |                               |                    |                   |                      |                  |                       | ١٩-١٧<br>طابا    |                      |                     |                         |                          |                                 | ٤     |
| مطارات محلية        |                               | ٦-٤<br>الجورة ع    | ٩-٧<br>الداخله    | ١١-٩<br>اكتوبر ع     | ٧-٥<br>ابوسبل ع  | ٨-٦<br>مطروح ع        |                  | ٢٧-٢٥<br>الطور ع     |                     |                         | ١٨-١٦<br>الخارجة (عوائق) |                                 | ٥     |
| مطارات بتروى        |                               |                    |                   |                      | ٣٠-٢٨<br>الجونة  | ٢٦-٢٤<br>بدر الدين    | ٢٨-٢٦<br>شقر     | ٣٠-٢٩<br>ابو الغرايق | ٢٦-٢٤<br>جنوب مطروح | ٢٩-٢٧<br>العين السخنة ع | ٢٢-٢٠<br>جبل الزيت       | ٢٥-٢٣<br>ابورديس                | ٦     |

- لجان المطارات المحلية رئيس اللجنة + عدد (2) مفتشين  
- لجان المطارات البترول رئيس اللجنة + عدد (2) مفتشين  
- لجان المطارات الدولية رئيس اللجنة + عدد (3) مفتشين  
- ع تضم مفتش عوائق  
- مشروعات / ضمن متابعة مشاريع وليست فى الخطة لستوية للتفتيش



# QUESTIONS?

