



COMUNICACIONES

SECRETARÍA DE INFRAESTRUCTURA, COMUNICACIONES Y TRANSPORTES



AIRPORT CERTIFICATION IN MEXICO

# • OBJECTIVE

To present the certification process carried out in Mexico, the applicable regulations, and the requirements for each phase to obtain the “**Civil Aerodrome Certificate for Public Service.**”



  
**LA SECRETARÍA DE INFRAESTRUCTURA COMUNICACIONES Y TRANSPORTES**  
a través de la  
**AGENCIA FEDERAL DE AVIACIÓN CIVIL**  
otorga el presente  
**Certificado de Aeródromo Civil**  
**(Áreas técnicas operacionales)**  
**SICT-AFAC-CAC-No: 4.1051**  
Emisión: 13 de junio de 2024  
Vencimiento: 13 de junio de 2027  
**al Aeropuerto Internacional de Tulum "Felipe Carrillo Puerto"**  
(MMTL) 20° 10' 21.12" LN, 87° 39' 39.55" LW  
Clave de referencia de aeródromo: 4E - Aeronave crítica: Airbus 350-1000  
Categoría de Salvamento y Servicio de Extinción de Incendios: 8  
Ubicado en Tulum, Quintana Roo.

El presente Certificado de Aeródromo Civil se expide con fundamento en lo establecido en el Artículo 36 de la Ley Orgánica de la Administración Pública Federal; Artículos 78 y 78 BIS de la Ley de Aeropuertos que establece que "Los concesionarios o permisionarios de aeródromos de servicio al público, deberán obtener la certificación de los mismos"; Artículo 45 de los "PROCEDIMIENTOS para la evaluación de la conformidad del Anexo 14, Vol. I del Convenio sobre Aviación Civil Internacional, a los que deberán sujetarse los aeródromos para su certificación (PECA-14)", publicados en el Diario Oficial de la Federación el 22 de enero y 01 de abril de 2008; Circular Obligatoria CO DA-153/24, "DISEÑO Y OPERACIÓN DE AERODROMOS", Circular Obligatoria CO DA-002/2010 R-2, que establece los "PROCEDIMIENTOS PARA OBTENER EL CERTIFICADO DE AERODROMO CIVIL DE SERVICIO AL PÚBLICO", Transitorio Cuarto del Decreto por el que se crea el Órgano Administrativo Desconcentrado de la Secretaría de Comunicaciones y Transportes, denominado Agencia Federal de Aviación Civil, publicado en el Diario Oficial de la Federación el 16 de octubre de 2019, así como, a lo establecido en el numeral 8.1 fracción XVI del "Manual de Organización de la Agencia Federal de Aviación Civil", publicado en el Diario Oficial de la Federación el 26 de febrero de 2021, el cual establece la facultad de expedir, revalidar y revocar los Certificados de Aeródromos, en cumplimiento al Convenio sobre Aviación Civil Internacional, sus Anexos y demás disposiciones jurídicas aplicables.

Por lo anterior, se hace constar que el aeródromo de servicio al público, cumple con la normatividad descrita en el Anexo 14 Vol. I del Convenio sobre Aviación Civil Internacional, referente a generalidades, datos sobre el aeródromo, características físicas, restricción y eliminación de obstáculos, ayudas visuales para la navegación, ayudas visuales indicadoras de obstáculos, ayudas visuales indicadoras de zonas de uso restringido, sistemas eléctricos, servicios, equipo e instalaciones de aeródromo y mantenimiento del aeródromo.

Este Certificado de Aeródromo Civil, está sujeto al cumplimiento de todas las Condiciones adjuntas, y puede ser suspendido, revocado o cancelado por la Agencia Federal de Aviación Civil, cuando el operador de este aeródromo civil de servicio al público, no se ajuste a las citadas Condiciones y demás disposiciones legales establecidas.

**DIRECTOR GENERAL DE LA AGENCIA FEDERAL DE AVIACIÓN CIVIL**  
  
**GRAL. DIV. P.A. D.E.M.A. RET. MIGUEL ENRIQUE VALLÍN OSUNA**

# • BACKGROUND

The Convention on International Civil Aviation is signed.

**December 7, 1944**

A public notice has been issued in Mexico for the accreditation and approval of Inspection Units.

**April 13, 2007**

The first Airport is certified in Mexico. (Querétaro)

**September 17, 2009**

Declaration of Port of Spain is signed, 48% of international aerodromes in the CAR region must be certified.

**April 29, 2014**

Achieve certification for 100% of airports with regulated commercial international aviation.

**November 27, 2033**

ICAO published Amendment 04 to Annex 14, which requires States to certify aerodromes used for international operations.

**January 22, 2008**

In Mexico, PECA 14 is established for certification.

**April 27, 2010**

Mandatory Circular CO DA-002/2010 R-2 "Procedures to obtain the Civil Aerodrome Certificate for Public Service" is issued.

\*PECA 14: Procedures for the conformity assessment of Annex 14

\*ICAO: International Civil Aviation Organization.

# • CERTIFICATION OBJECTIVE

## WHAT IS?

- This is a process that demonstrates airports continuous compliance with operational safety requirements established in the regulations, ensuring uniform conditions for aircraft from all States, as stipulated in Article 15 of the Chicago Convention.

## WHAT IS IT FOR?

- Ensure that facilities, procedures and personnel follow and implement the applicable regulations

## HOW?

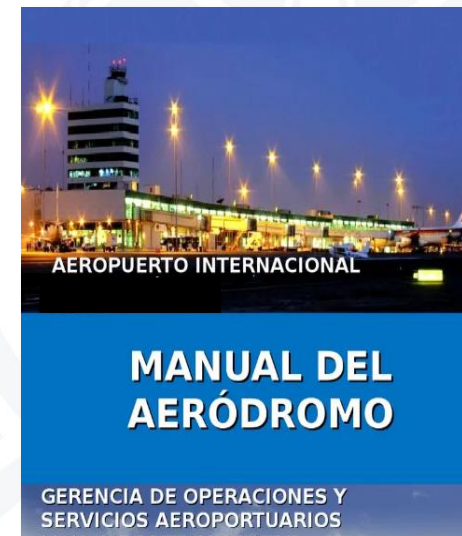
- In Mexico, this is carried out through a standardized and regulated process consisting of five phases, as outlined in the Mandatory Circular CO DA-002/2010 R-2 "Procedures to obtain the Civil Aerodrome Certificate for Public Service

**What is the Aerodrome Manual and why is it important in the certification process?**

*It is the most important document in the certification process. It includes all relevant information about the aerodrome like location, facilities, services, equipment, operational procedures, organization, and management, including a safety management system.*

*It is a "living" document and may be amended to ensure it provides current and accurate information.*

*Minimum content in accordance with the PECA 14*





# • MARCO NORMATIVO NACIONAL

• ICAO, Annex 14  
Vol. I



• CO DA 153/24  
"Aerodrome Design and  
Operation"

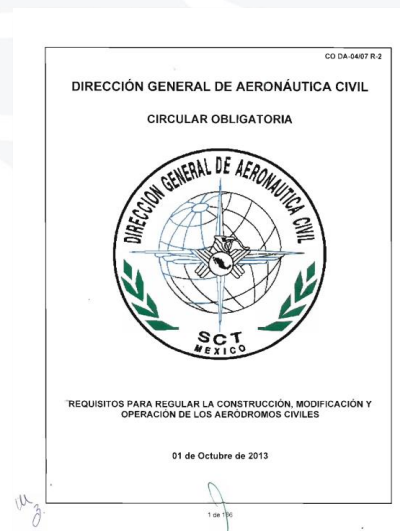
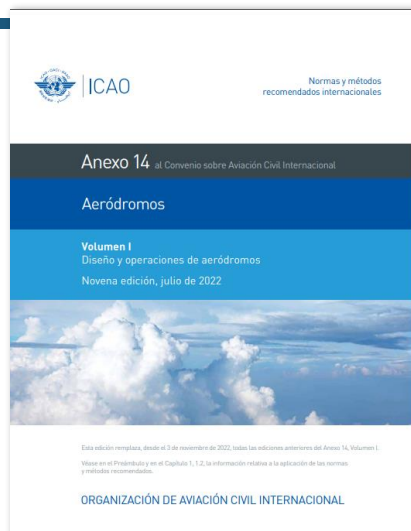


• ICAO Doc. 9774 "Manual on  
Certification of Aerodromes"

• CO DA-002/2010  
R-2

• Airports Law Art. 78 BIS  
y 79

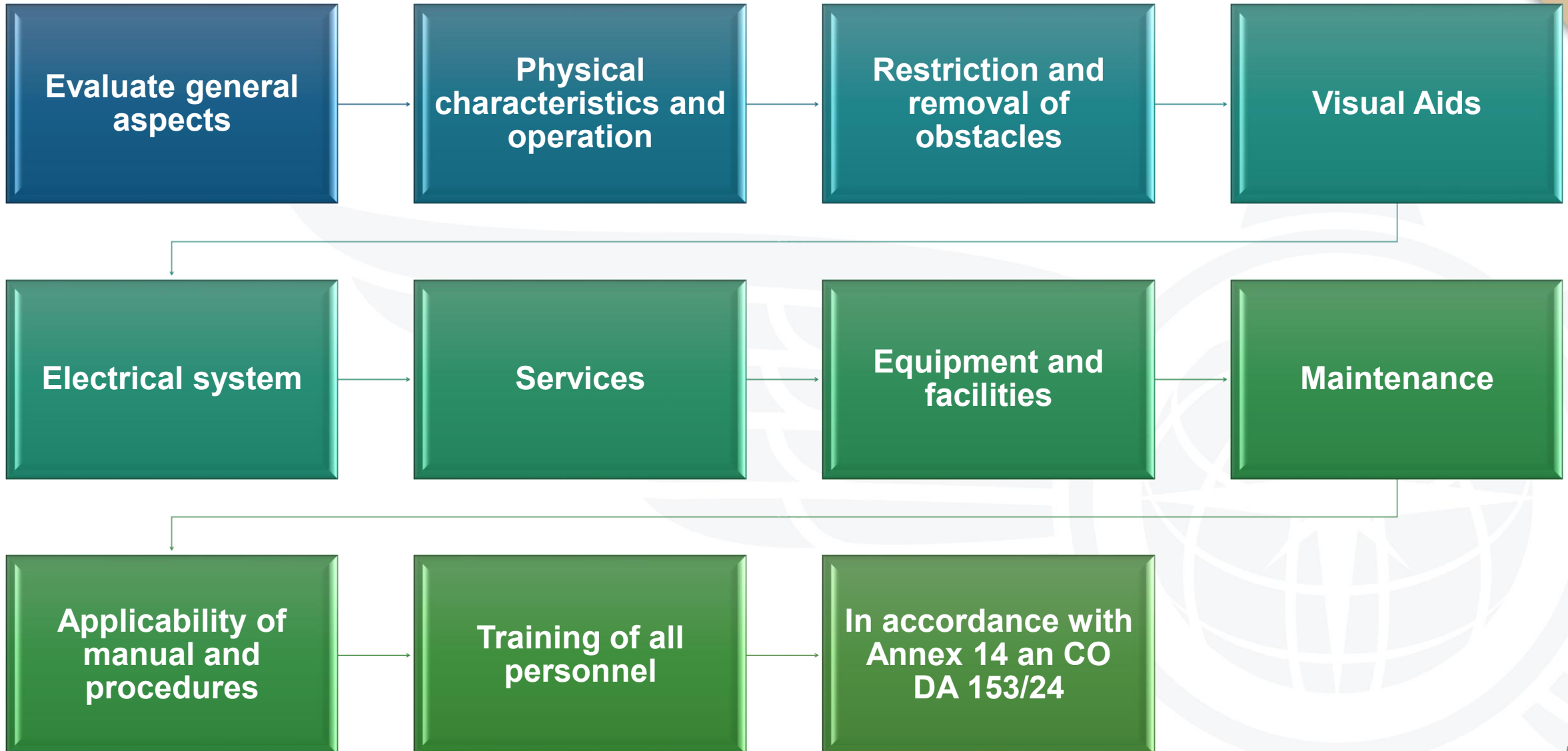
• PECA 14



## ARTICULO 78 BIS.

**Aerodrome Operators must obtain certification in accordance with this law, its regulations and national provisions.**

# • **CERTIFICATION SCOPE**



# • FASES DEL PROCESO DE CERTIFICACIÓN

## PHASE I

(Intention)

Certification  
interest.

Description of  
the regulations.

## PHASE II

(Request)

Submission of  
documentation.

Choose Unit  
Inspection.

Document  
review.

Aeronautical Studies.

## PHASE III

(Verification)

Work plan.

Commission letters

Official memorandum  
of facts

On-site verification

Report

Detailed report

Attention timelines

## PHASE IV

(Re verification)

Non-conformity  
resolution

Work plan

On-site  
verification

Satisfactory  
report

## PHASE V

(Certificate)

Final report

Certificate of  
Compliance

Aerodrome Manual  
Authorization

Payment of fees

Certificate

Registration with the  
RAM

Certificate delivery

# • INSPECTION UNITS AND THEIR ROLE IN CERTIFICATION

There are 3 inspections units approved by AFAC and accredited by EMA.



**Aeropuertos y Servicios Auxiliares**



**Áncora Ingeniería S. A. de C. V.**



**Amezcuza Lóyzaga Smith y Asociados**

Participation of Inspection Units in Certification

## **FASE II** Request

- Review of Aerodrome Manual and Documentation

## **FASE III** Verification

- On-site verification.
- Evaluation of the Aerodrome situation.
- Technical Report.

## **FASE IV** Correction of Non-Conformities

- On-site verification.
- Verification of the solution of Non-Conformities.
- Final Technical Report.



# • **AERONAUTICAL STUDIES**

An aeronautical study is a study of an aeronautical issue to determine possible solutions and select one that is acceptable without negatively affecting safety, and to provide a basis for deviations from the standard.

## **EXEMPTION**

- To grant an exemption from compliance with a standard for a limited period, after which the condition that necessitated the exemption study must be resolved.

## **DESVIATION**

- To grant an indefinite exemption from compliance with a standard, proposing permanent alternative method of improvement.



*The studies must ensure operational safety through the implementation of Risk Mitigation Measures.*

# • MEXICAN AIRPORT SYSTEM (80)



✈️ 9  
Airports

- ✓ Cancún
- ✓ Cozumel
- ✓ Huatulco
- ✓ Mérida
- ✓ Minatitlán
- ✓ Oaxaca
- ✓ Tapachula
- ✓ Veracruz
- ✓ Villahermosa

100%



✈️ 13  
Airports

- ❖ **Acapulco**
- ✓ Chihuahua
- ✓ Cd. Juárez
- ✓ Culiacán
- ✓ Durango
- ✓ Ixtapa-Zihuatanejo
- ✓ Mazatlán
- ✓ Monterrey
- ✓ Reynosa
- ✓ San Luis Potosí
- ✓ Tampico
- ✓ Torreón
- ✓ Zacatecas

91.66%



✈️ 12  
Airports

- ✓ Aguascalientes
- ✓ Guadalajara
- ✓ Hermosillo
- ✓ León Guanajuato
- ✓ La Paz
- ✓ Los Mochis
- ✓ Manzanillo
- ✓ Mexicali
- ✓ Morelia
- ✓ Puerto Vallarta
- ✓ San José del Cabo
- ✓ Tijuana

100%



✈️ 2  
Airports

- ❖ Poza Rica
- ❖ Tehuacán

0.00%



✈️ 2  
Airports

- ✓ Tepic
- ❖ **Puerto Escondido**

50%



✈️ 12  
Airports

- ✓ Chetumal
- ✓ Campeche
- ✓ Cd. Victoria
- ❖ Ixtepec
- ❖ **Nogales**
- ❖ **Palenque**
- ❖ Tamuín
- ❖ Del Norte
- ✓ Nuevo Laredo
- ✓ Uruapan
- ✓ Puebla
- ✓ Tulum

58.33%



✈️ 7  
Airports

- ✓ Cd. Del Carmen
- ✓ Cd. Obregón
- ✓ Colima\*
- ✓ Guaymas
- ✓ Loreto
- ✓ Matamoros
- ❖ **AICM**

85.71%



✈️ 23  
Airports

- ❖ Atizapán
- ❖ Cabo San Lucas
- ❖ Celaya
- ❖ Chichen Itzá
- ❖ Ciudad Acuña
- ❖ Córdoba
- ❖ Cuernavaca
- ❖ Ensenada
- ❖ Jalapa
- ❖ Lázaro Cárdenas
- ❖ Monclova
- ❖ Barrancas del cobre
- ❖ Pachuca
- ❖ Piedras Negras
- ❖ Playa del Carmen
- ❖ Puerto Peñasco
- ✓ Querétaro
- ❖ Saltillo
- ❖ San Felipe
- ✓ Toluca
- ✓ Tuxtla Gutiérrez
- ❖ Zamora
- ✓ Santa Lucía AIFA

17.39%



Mexico has a total of 80 airports.

66 International Airports.

14 National Airports

1 National Certified Airport (Colima)

55 International Airport with regular commercial aviation:

- 50 International Certified Airports.
- **5 Airports to be certified: Acapulco, Puerto Escondido, Nogales, AICM y Palenque.**

- **24 Airports without regular commercial aviation.**

AIRPORTS CERTIFIED

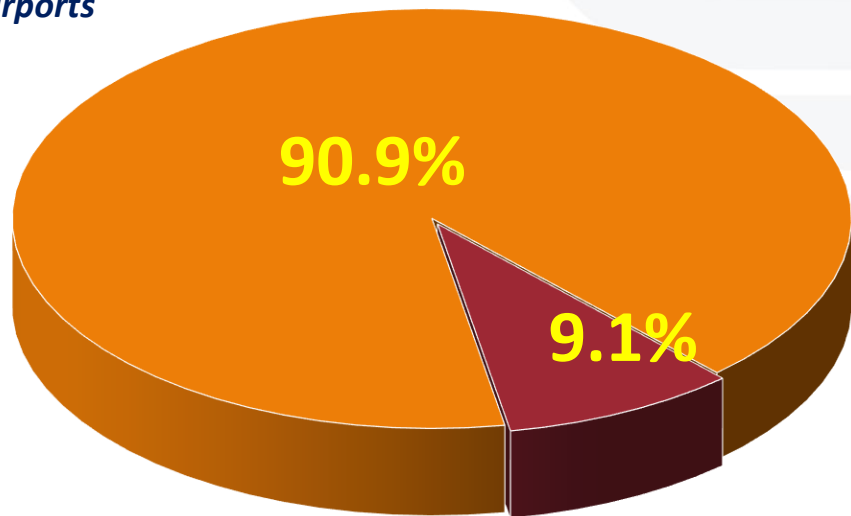
**51**

The % represents the Certified Airports per Operator.

# • CERTIFICATION STATUS

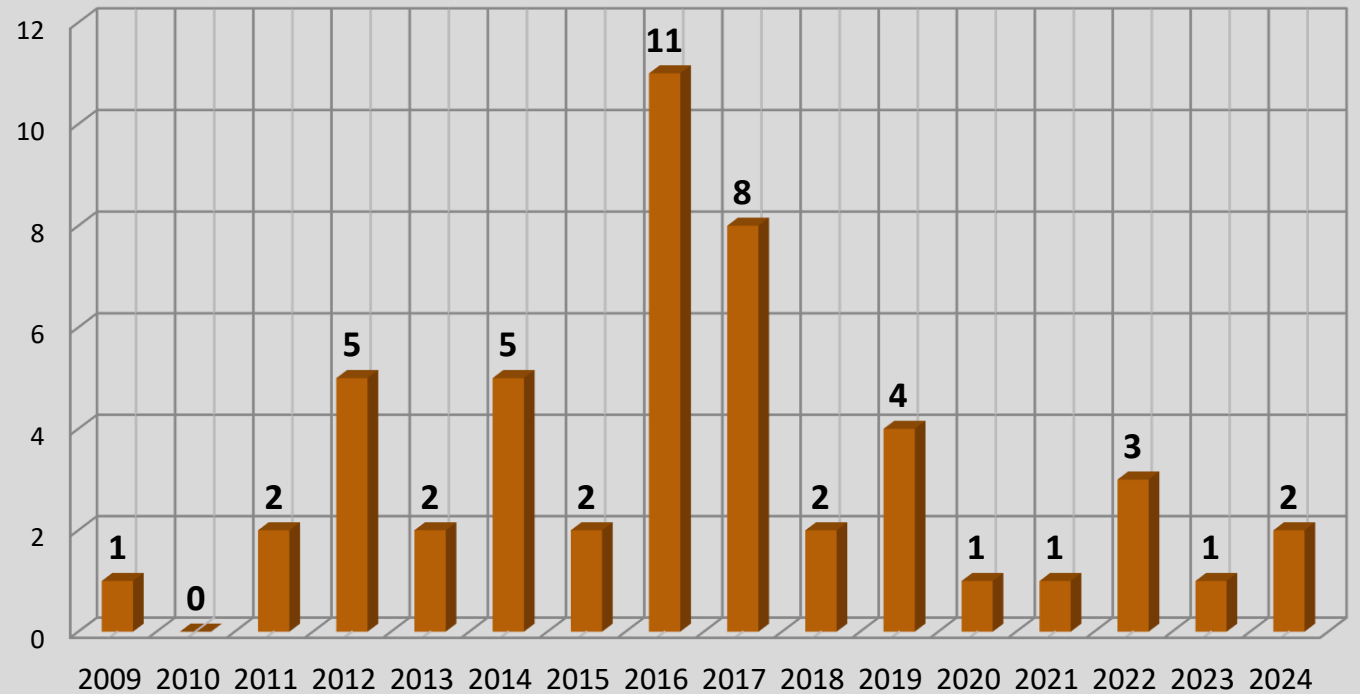
## Certification in Mexico

*50  
Certified  
International  
Airports*



*5 International Airports to  
be Certified*

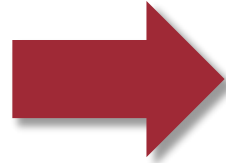
## Certified International Airports in Mexico. 2009 - 2024



# • UPCOMING AIRPORTS

## Projected for 2025

- ❖ Acapulco Airport.
- ❖ Mexico City Airport.
- ❖ Puerto Escondido Airport.
- ❖ Nogales Airport.
- ❖ Palenque Airport



## Challenges in Certification

- Natural phenomena.
- Investment commitments.
- Physical characteristics.
- Political Factors
- Urban planning.
- Public health emergencies.

