

## SECRETARY OF COMMUNICATIONS AND TRANSPORT

**MODIFICATION to Official Mexican Standard NOM-012-SCT3-2012, which establishes the requirements for instruments, equipment, documents and manuals to be carried on board aircraft, published on August 14, 2012.**

In the margin a stamp with the National Coat of Arms, which reads: United Mexican States.- Secretariat of Communications and Transportation.

CARLOS F. ALMADA LÓPEZ, Undersecretary of Transportation of the Ministry of Communications and Transportation and President of the National Advisory Committee for the Standardization of Air Transportation, based on articles 10. second paragraph, 2nd. section I, 14, 26 and 36 sections I, IV, VI, XII and XXVII of the Organic Law of the Federal Public Administration; 38 section II, 40 sections I, III, XIII and XVI, 41, 43, 47 section IV and 51 second paragraph of the Federal Law on Metrology and Standardization; 4, 6 sections I and III, 17 and 32 of the Civil Aviation Law; 67, 89, 104, 116 section III, 127 first paragraph, 128, 129, 130, 131, 132, 133, 134 and 153 section IV of the Civil Aviation Law Regulations; 28 and 34 of the Regulation of the Federal Law on Metrology and Standardization; 2 section III, 6 sections XIII and XVII of the Internal Regulations of the Ministry of Communications and Transportation, I have had the good will to order the publication in the Official Gazette of the Federation of the modification to the Official Mexican Standard NOM-012-SCT3-2012 approved by the National Advisory Committee for Air Transport Standardization on March 6, 2013 and which establishes the requirements for the instruments, equipment, documents and manuals that must be carried on board the aircraft.

### CONSIDERING

That NOM-012-SCT3-2012, which establishes the requirements for instruments, equipment, documents, and manuals to be carried on board aircraft, contemplated the different types of Emergency Location Transmitter Equipment (hereinafter ELT) 406/ 121.5 MHz that can go on board the aircraft of the concessionaires and permit holders of the public air transport service, as well as the air operators;

That in the case of national and international private non-commercial air transport operators with a maximum certified weight of less than 5,700 kg. and reciprocating motors of advanced age, a high cost has been generated by imposing the mandatory fixed ELT 406/121.5 MHz, since they comply with the 121.5MHz ELT requirement.

That Mexico is the second tourist destination for private non-commercial air transport operators from Canada and the United States of America, due to the fact that various aircraft that are located in the border States of the United States of America and Mexico travel to Loreto, Cozumel, San Miguel de Allende, Celaya, among other national destinations, for which it is intended to continue promoting tourism and increase the economic benefits of this activity.

That Mexico still does not have an electronic version of the Aeronautical Information Publication (AIP), which translates into a risk to operational safety due to the impossibility of guaranteeing that the information digitized by concessionaires and permit holders of the public transport service air, as well as the air operators is the version issued by the aeronautical information services; which are responsible for issuing the publication of the country's aeronautical information (AIP), in accordance with the Regulations of the Civil Aviation Law.

That NOM-012-SCT3-2012 contemplated accessible and adequate medical supplies in its requirements, creating ambiguity with regulatory appendix "A", which is why the concepts of first aid kits and medical kits in the body of the rule; Likewise, said regulatory appendix is adapted, when they are not available on the market according to the dose required in this standard; Therefore, in terms of article 46 and 51, second paragraph of the Federal Law on Metrology and Standardization, and at the request of the National Advisory Committee for Air Transport Standardization, the corresponding numeral was modified to reduce the costs of applying the standard. , providing legal certainty to individuals about the type of drugs that can be substituted, positively impacting the industry according to their situation.

That article 51, second paragraph, of the Federal Law on Metrology and Standardization, provides that when the causes that motivated the issuance of an official Mexican standard do not subsist, the agencies may modify the standard in question without following the procedure for its preparation. , I have had the good will to issue the present:

**MODIFICATION TO THE OFFICIAL MEXICAN STANDARD NOM-012-SCT3-2012, WHICH ESTABLISHES THE REQUIREMENTS FOR THE INSTRUMENTS, EQUIPMENT, DOCUMENTS AND MANUALS TO BE TAKEN ABOARD AIRCRAFT, PUBLISHED AUGUST 14, 2012**

**SINGLE.-** The numerals are **modified**: 5.1.2., Note 1, 5.1.15.1., 5.2.11.1., 5.2.11.6., 5.2.11.7., 5.3.8.1., 5.3.8.2., 9.4., 12.1., Regulatory Appendix "A" is modified in its numerals A1., first paragraph, A2.3., A2.3.1., A2.3.2., and its note, A3.3., and A3.4., and its note, Regulatory Appendix "D", to read as follows:

**INDEX to 5.1.1.** (...)

**5.1.2.** All fixed-wing aircraft at the service of concessionaires and air permit holders, (...)

**a) to ñ)** (...)

**Note 1:** The documents of subparagraphs f), g), i), m) and ñ), can be carried in electronic format, demonstrating their portability and content to the Aeronautical Authority, and in accordance with the provisions of the applicable provision; in the case of subparagraph h), it will be the version of the aeronautical information services in charge of preparing the country's aeronautical information publication (AIP).

**Note 2:** (...)

**5.1.3., to 5.1.15.** (...)

**5.1.15.1.** First aid kits and medical kits with accessible medical supplies and appropriate, including:

**a) to c)** (...)

**5.1.15.2., to 5.2.11.** (...)

**5.2.11.1.** All fixed-wing aircraft manned by air operators must be equipped with an automatic ELT.

**5.2.11.2., to 5.2.11.5.** (...)

**5.2.11.6.** All air operators that exclusively carry out private non-commercial air transport activities, as of the entry into force of this standard, must have an automatic ELT installed in their aircraft that transmits on the frequencies of 406 MHz and 121.5 MHz simultaneously, taking note that the latter is only auxiliary form.

**5.2.11.7.** Notwithstanding what is required in numeral 5.2.11.6., above, all air operators indicated in that numeral, with aircraft with a maximum certified weight of less than 5,700 kg and reciprocating engines, must install an ELT that transmits on the frequencies of 406 MHz and 121.5 MHz simultaneously, within a period not exceeding June 30, 2015, taking into account that this last frequency is only auxiliary.

**5.2.11.8., to 5.3.8.** (...)

**5.3.8.1.** All rotary wing aircraft operating in Performance Class 1 and 2 under the responsibility of concessionaires, permit holders and air operators must be equipped with an automatic ELT; and when they carry out flights over water as established in subparagraph a) of numeral 5.3.11., of this standard, they must carry an automatic ELT and an automatic portable ELT in a raft or life jacket.

**5.3.8.2.** All rotary wing aircraft operating in Performance Class 3 under the responsibility of concessionaires, permit holders and air operators must be equipped with an automatic ELT; and when they carry out flights over water as established in subparagraph b) of numeral 5.3.11., of this standard, they must carry an automatic ELT and an automatic portable ELT in a raft or life jacket.

**5.3.8.3., to 5.3.14.** (...)

**6. to 8.** (...)

## **9. Bibliography**

**9.1., to 9.3.** (...)

**9.4.** International Civil Aviation Organization, Annex 6, Part I, to the Convention on International Civil Aviation, December 10, 1948, Chicago, United States of America, Amendment 36, Ninth Edition – July 2010, [cited 02-22-2013], Convention on International Civil Aviation.

**9.5., to 9.12.** (...)

**10., to 11.** (...)

## **12. Validity**

**12.1.** This amendment to the Official Mexican Standard NOM-012-SCT3-2012, will enter into force 60 calendar days after its publication in the Official Gazette of the Federation.

Sincerely

Mexico, DF, August 7, 2013.- The Undersecretary of Transportation and President of the National Advisory Committee for the Standardization of Air Transport, **Carlos F. Almada López**.- Heading.

## **REGULATORY APPENDIX "A"**

### **TYPES, QUANTITY, LOCATION AND CONTENTS OF MEDICAL SUPPLIES**

#### **A1. Introduction.**

To determine the content of first aid kits and medical kits, in terms of quantity, location and medical supplies, various factors must be considered, such as the availability of medications or the frequency of their use. The following is the characteristic content of the first-aid kits that are carried on board an aircraft.

(...)

**A2. to A2.2.** (...)

**A2.3.** (...)

The supply of first aid kits must be divided into basic supplies and complementary supplies:

- Basic endowment: (...)
- Complementary endowment: includes some medicines that require a prescription for their use, these must be used by doctors or other qualified persons to act in case of medical emergencies.

#### **A2.3.1 Basic equipment for first aid kit:**

(...)

#### **A2.3.2. Complementary provision for the first aid kit:**

(...)

**Note:** The above drugs can be substituted, when they are not available on the market, as long as the active agent and the dose are the same or a doctor with a current professional license, guarantees that the substitute fulfills the same functions.

**A2.3.3. to A3.2.** (...)

#### **A3.3. Basic equipment for the medical kit:**

(...)

#### **A3.4. Complementary provision for the medical kit:**

(...)

**Note:** The above drugs can be substituted, because the same commercial presentation is not found, as long as the active agent and the dose is the same or a doctor with a valid professional license, guarantees that the substitute fulfills the same functions.

**A4.** (...)



**APÉNDICE "D" NORMATIVO**  
**SECRETARÍA DE COMUNICACIONES Y TRANSPORTES**  
**DIRECCIÓN GENERAL DE AERONÁUTICA CIVIL**  
 DIRECCIÓN GENERAL ADJUNTA DE AVIACIÓN  
 DIRECCIÓN DE AVIACIÓN  
 DEPARTAMENTO DE CONTROL DE TRÁNSITO AÉRO C.T.A.

**FORMATO DE REGISTRO DEL EQUIPO E.L.T. DE 406.MHZ.**

<b>TRÁMITE A REALIZAR (1)</b>		
<input type="checkbox"/> REGISTRO DE UN E.L.T. NUEVO	<input type="checkbox"/> CAMBIO DE INFORMACIÓN EN EL E.L.T. (PROPIETARIO, AERONAVE o BAJA)	
<b>INFORMACIÓN DEL E.L.T.</b>		
MARCA: (2)	FRECUENCIAS DE TRANSMISIÓN: (6)	
MODELO: (3)	NÚMERO DE CERTIFICADO COSPAS-SARSAT "TAC": (7)	
No. SERIE: (4)	CARACTERÍSTICAS DEL ELT (PUEDE TENER MÁS DE UNA) (8)	
No. PARTE: (5)		
		A) EMPLAZAMIENTO: <input type="checkbox"/> FIJO <input type="checkbox"/> PORTÁTIL
		B) ACTIVACIÓN: <input type="checkbox"/> AUTOMÁTICA <input type="checkbox"/> MANUAL
	C) ELT DE DESPRENDIMIENTO AUTOMÁTICO <input type="checkbox"/>	
	D) ELT DE SUPERVIVENCIA <input type="checkbox"/>	
<b>INFORMACIÓN DEL PROPIETARIO</b>		
NOMBRE COMPLETO: (9)		
DIRECCIÓN: (10)		
CIUDAD: (11)	ESTADO: (12)	
PAÍS: (14)	CÓDIGO POSTAL: (13)	
E-MAIL: (16)	TELÉFONO: (15)	
	OFICINA <input type="checkbox"/> PERSONAL <input type="checkbox"/>	
<b>INFORMACIÓN DEL EXPLOTADOR</b>		
NOMBRE COMPLETO: (17)		
DESIGNADOR TELEFÓNICO Y TRES LETRAS (CUANDO APLIQUE): (18)		
DIRECCIÓN: (19)		
CIUDAD: (20)	ESTADO: (21)	
PAÍS: (23)	CÓDIGO POSTAL: (22)	
E-MAIL: (25)	TELÉFONO: (24)	
	OFICINA <input type="checkbox"/> PERSONAL <input type="checkbox"/>	
<b>INFORMACIÓN DE LA AERONAVE</b>		
MATRÍCULA: (26)	No. SERIE: (27)	
MARCA: (28)	MODELO: (29)	
COLOR: (30)	CAPACIDAD DE ASIENTOS (PAX y TRIP): (31)	
BASE PRINCIPAL DE OPERACIONES: (32)		
SUB BASE DE OPERACIONES: (33)		
<b>SERVICIO AL QUE ESTÁ DESTINADO (MARQUE SOLAMENTE UNO) (34)</b>		
<input type="checkbox"/> TAXI AÉRO	<input type="checkbox"/> COMERCIAL	
<input type="checkbox"/> MILITAR	<input type="checkbox"/> GUBERNAMENTAL	
	<input type="checkbox"/> CARGUERO	
	OTRO: (35)	
<b>EQUIPOS DE RADIO (36)</b>		
<input type="checkbox"/> VHF	<input type="checkbox"/> MF	
<input type="checkbox"/> HF	<input type="checkbox"/> SSB	
	OTRO: (37)	
<b>CONTACTOS EN CASO DE EMERGENCIA (DIFERENTE AL PROPIETARIO)</b>		
<b>PRIMER CONTACTO</b>		
NOMBRE COMPLETO: (38)		
DIRECCIÓN: (39)		
CIUDAD: (40)	ESTADO: (41)	
PAÍS: (43)	CÓDIGO POSTAL: (42)	
E-MAIL: (45)	TELÉFONO: (44)	
	OFICINA <input type="checkbox"/> PERSONAL <input type="checkbox"/>	
<b>SEGUNDO CONTACTO</b>		
NOMBRE COMPLETO: (46)		
DIRECCIÓN: (47)		
CIUDAD: (48)	ESTADO: (49)	
PAÍS: (51)	CÓDIGO POSTAL: (50)	
E-MAIL: (53)	TELÉFONO: (52)	
	OFICINA <input type="checkbox"/> PERSONAL <input type="checkbox"/>	
<b>REGISTRO ANTERIOR</b>		
EL ELT CONTABA CON UN REGISTRO ANTERIORMENTE ASIGNADO POR ESTA DGAC (54) <input type="checkbox"/> SI <input type="checkbox"/> NO		
ANOTE EL CÓDIGO HEXADECIMAL DE 15 DIGITOS QUE TIENE ASIGNADO: (55)		
DECLARO QUE LOS DATOS INDICADOS EN EL PRESENTE FORMATO SON CORRECTOS Y SE ENCUENTRAN ACTUALIZADOS		
(56)	(57)	
NOMBRE Y FIRMA DEL RESPONSABLE	FECHA	
<b>NOTA IMPORTANTE:</b>	<b>DUDAS Y ACLARACIONES:</b>	
VÉASE LA GUÍA DE LLENADO PARA VERIFICAR LOS DOCUMENTOS QUE SE DEBEN ADJUNTAR A ESTE FORMATO.	DIRECCIÓN DE AVIACIÓN Boulevard Adolfo López Mateos, Núm. 1990, Col. Los Alpes Tlacopac, Del. Álvaro Obregón, C.P. 01010, México, D.F. TEL.: 57 23 93 00 EXT. 18071 Ó 18074 e-mail: gmagana@sct.gob.mx; jglljim@sct.gob.mx	

**406 MHz ELT EQUIPMENT RECORD FORM****(INSTRUCTIONS FOR FILLING AND SUBMISSION)****a) General considerations for filling out the 406 MHz ELT equipment registration form:**

The application must be completed on a typewriter or by hand in legible print.

Use ink, preferably black.

Deletions or amendments are not allowed.

Copies of the form are available at the filing window of the procedure.

It must be presented in original.

It must be filled out in its entirety, otherwise it will not be received, considering the following filling guide:

**Box 1:** Indicate with an "X" inside the box, the option of the procedure that you want to carry out.

**Box 2:** Clearly write down the brand of the ELT equipment installed.

**Box 3:** Clearly write down the model of the ELT equipment installed.

**Box 4:** Clearly write down the serial number of the installed ELT equipment.

**Box 5:** Clearly write down the part number of the installed ELT equipment.

**Box 6:** Clearly write down the frequencies on which the installed ELT equipment transmits.

**Box 7:** Clearly write down the COSPAS-SARSAT Certificate number, issued for the ELT equipment installed.

**Box 8:** Indicate with an "X" within the boxes, if the ELT equipment is fixed, portable, automatic, manual, automatic detachment, survival.

**Box 9:** Clearly write down the full name of the owner.

**Box 10:** Clearly write down the full address of the owner.

**Box 11:** Clearly write down the City of the owner.

**Box 12:** Clearly write down the State of the owner.

**Box 13:** Clearly write down the Postal Code of the owner.

**Box 14:** Clearly write down the country of the owner.

**Box 15:** Clearly write down the contact telephone numbers of the owner, both for the office and for the staff.

**Box 16:** Clearly write down the email address of the owner.

**Box 17:** Clearly write down the full name of the operator.

**Box 18:** Clearly write down the telephone designator and the three letters, if you have them.

**Box 19:** Clearly write down the full address of the operator.

**Box 20:** Clearly write down the City of the operator.

**Box 21:** Clearly write down the State of the operator.

**Box 22:** Clearly write down the Postal Code of the operator.

**Box 23:** Clearly write down the Country of the operator.

**Box 24:** Clearly write down the operator's contact telephone numbers, both for the office and for the staff.

**Box 25:** Clearly write down the operator's email address.

**Box 26:** Clearly record the registration number of the aircraft in which the ELT equipment was installed, if it does not count with assigned registration, write down the legend "registration in process of assignment".

**Box 27:** Clearly write down the serial number of the aircraft in which the ELT equipment was installed.

**Box 28:** Clearly write down the make of the aircraft in which the ELT equipment was installed.

**Box 29:** Clearly write down the model of the aircraft in which the ELT equipment was installed.

**Box 30:** Clearly write down the color of the aircraft in which the ELT equipment was installed.

**Box 31:** Clearly write down the number of passenger and crew seats of the aircraft in which ELT equipment was installed.

**Box 32:** Clearly write down the Main Base of Operations of the aircraft in which the aircraft was installed. ELT team.

**Box 33:** Clearly write down the Sub-base of Operations of the aircraft in which the equipment was installed ELT, if you have it.

**Box 34:** Indicate with an "X" inside the box, the type of service provided.

**Box 35:** If the type of service performed is "other", describe the type of service service that is provided.

**Box 36:** Indicate with an "X" inside the box, the equipment that is installed in the aircraft.

**Box 37:** If "other" equipment is installed on the aircraft, describe what it is.

**Box 38:** Clearly write down the full name of the first emergency contact, other than the owner.

**Box 39:** Clearly write down the full address of the first emergency contact, other than the owner.

**Box 40:** Clearly write down the City of the first emergency contact, other than the owner.

**Box 41:** Clearly write down the State of the first emergency contact, other than the owner.

**Box 42:** Clearly write down the Postal Code of the first emergency contact, different from the owner.

**Box 43:** Clearly write down the Country of the first emergency contact, other than the owner.

**Box 44:** Clearly write down the contact telephone numbers of the first emergency contact, other than the owner, both office and staff.

**Box 45:** Clearly write down the email address of the first emergency contact, different from the owner.

**Box 46:** Clearly write down the full name of the second emergency contact, other than the owner.

**Box 47:** Clearly write down the full address of the second emergency contact, other than the owner.

**Box 48:** Clearly write down the City of the second emergency contact, other than the owner.

**Box 49:** Clearly note the State of the second emergency contact, other than the owner.

**Box 50:** Clearly write down the Postal Code of the second emergency contact, different from the owner.

**Box 51:** Clearly write down the Country of the second emergency contact, other than the owner.

**Box 52:** Clearly write down the contact telephone numbers of the second emergency contact, different from the owner, both office and staff.

**Box 53:** Clearly write down the email address of the second emergency contact, different from the owner.

**Box 54:** Indicate with an "X" inside the box, if the ELT team was previously registered.

**Box 55:** If you select the "YES" option in the previous box, clearly write down the 15 digits assigned to the ELT equipment.

**Box 56:** Clearly write down the full name of the petitioner, as well as the signature of the same.

**Box 57:** Clearly write down the complete date on which the format is formulated.

**b) Windows for submitting the procedure:**

Deputy General Directorate of Aviation of the General Directorate of Civil Aeronautics.

Boulevard Adolfo López Mateos, No. 1990, Col. Los Alpes Tlacopac,

delegate Álvaro Obregón, CP 01010, Mexico, DF

Hours of operation: From 9:00 a.m. to 2:00 p.m., Monday through Friday.

**c) Legal-administrative basis of the procedure:**

Conformity assessment procedure indicated in numeral 11.5., of this Official Standard Mexican NOM-012-SCT3-2012, in force.

**d) to e) (...)**

**f) Telephone number and email for inquiries about the procedure:**

Ministry of Communications and Transportation

General Directorate of Civil Aviation

Aviation Directorate

Boulevard Adolfo López Mateos No. 1990, Col. Los Alpes Tlacopac,

delegate Álvaro Obregón, CP 01010, Mexico, DF

Hours of operation: 9:00 a.m. to 2:00 p.m., Monday through Friday

Telephones: 57 23 93 00 Ext. 18071 or 18074 and fax 55 23 62 75

Email: [gmagana@sct.gob.mx](mailto:gmagana@sct.gob.mx) and [jigiljim@sct.gob.mx](mailto:jigiljim@sct.gob.mx) \_\_\_\_\_

**g) (...)**

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