

AIRPORT CERTIFICATION PROCESS

National Regulation /
EC Regulation 139 / 2014

Podgorica, 06. -07. 11. 2014

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Contact Data

Podgorica, 06. -07. 11. 2014

- The certification of airports in the Republic of Croatia on the basis of ICAO Document 9774
- The certification of airports in the Republic of Croatia on the basis of EC Regulation 139 / 2014

Contents

The publication of the Ordinance on conditions to be met by the airport operator for issuing and manner of issuance of the Airport Certificate in February 2005, marked the beginning of airport certification process in the Republic of Croatia on the basis of ICAO Doc.9774.

NARODNE NOVINE d.d. 1835. 11. 2014. **SLUŽBENI DI**

Nakladništvo pretraživanje | pregled | kazalo pomoć | elektronička pošta | početna stran

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Sortiranje: ☒ Po Datumu ☐ Po Tipu **Sortiraj**

Rezultati 1 - 5 od 5

1. Pravilnik o uvjetima kojima mora udovoljavati operator aerodroma za izdavanje te način izdavanja svjedodžbe aerodroma i odobrenja za uporabu aerodroma
Narodne novine br.: 62
22.05.2014.

2. Pravilnik o uvjetima kojima mora udovoljavati operator aerodroma za izdavanje te način izdavanja svjedodžbe aerodroma i odobrenja za uporabu aerodroma
Narodne novine br.: 41
08.04.2013.

MINISTARSTVO MORA, TURIZMA, PROMETA I RAZVITKA

Na temelju članka 157. točke 8. Zakona o zračnom prometu («Narodne novine», broj 132/98 i 178/04), ministar mora, turizma, prometa i razvika donosi

PRAVILNIK

O UVJETIMA KOJIMA MORA UDOVOLJAVATI OPERATOR AERODROMA ZA IZDAVANJE TE NAČIN IZDAVANJA SVJEDODŽBE O SPOSOBNOSTI – CERTIFIKATA AERODROMA

I. OPĆE ODREDBE

Članak 1.

Ovim Pravilnikom propisuju se uvjeti kojima mora udovoljavati operator aerodroma za izdavanje te način izdavanja svjedodžbe o sposobnosti – certifikata aerodroma (u daljnjem tekstu: certifikat aerodroma).

5. Pravilnik o uvjetima kojima mora udovoljavati operator aerodroma za izdavanje te način izdavanja svjedodžbe o sposobnosti - certifikata aerodroma

Narodne novine br.: 16
02.02.2005.

AERODROMA
i aerodroma

su namijenjeni za prihvati i otpremu:

ivni zračni prijevoz ili se koriste za školovanje letačkog osoblja.
ata aerodroma

stvu mora, turizma, prometa i razvika (u daljnjem tekstu: Ministarstvo).

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The first version of the Ordinance on Airport Certification was consisted of 17 articles. For the airport operator, the most important were three of them: 3rd ,11th and 14th:

- 3rd/ conditions: Airport Manual in two copies and the minimum of five years of experience of airport manager.

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Sadržaj Aerodromskog priručnika
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13.09.2010.

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- 4.6. Propisane postupke za kontrolu horizontalne i vertikalne signalizacije te sustava svjetlosne signalizacije na aerodromu,
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- 4.8. Propisane sigurnosne postupke tijekom izvođenja radova na i oko operativnih površina,
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- 4.15. Propisan način za sigurno rukovanje, skladištenje i prijevoz opasnih tvari,
- 4.16. Propisane postupke u slučaju smanjene vidljivosti,

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- 11th/ contents of Airport Manual / 5 chapters:
 - ✓ 1) General conditions, 2) Airport location, 3) Aeronautical data,
 - ✓ 4) Airport operations (subchapters 4.1 – 4.17), 5) SMS.

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Sadržaj Aerodromskog priručnika
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- 14th/ Airport operator obligations:
 - ✓ ...Ensure implementation of standards and recommendations from ICAO Annex 14...

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- The main discussion was focused on dilemma: whether or not a more detailed description of ground handling process should be part of Airport Manual.
- Regarding airport infrastructure, common statement was to describe it as it is.

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The essential features of the process of the airport certification were as follows:

- The center of interest was airport operator's ability to manage the airport,
- The lack of appropriate instructions – workshops (the timeline for certification process was six months from the date of the publication of Ordinance ?!),
- The lack of quality coordination of the process – Each airport operator has understood the contents of the Airport manual in its own way,
- Although it was one of the conditions, the harmonization of the airport infrastructure with ICAO Annex 14 was not asked by Ministry and was not analyzed by airport operators. Consequently, the implementation of standards and recommendations from ICAO Annex 14 was not done.

The certification of airports in the Republic of Croatia on the basis of ICAO Document 9774

From February 2005 until March 2009, three airport operators have received permanent Airport Certificate and one: interim Airport Certificate.

From March 2009 until September 2014, five airport operators have received permanent Airport Certificate.

All Airport Certificates issued from 2005 until 2014 were based on Ordinance on conditions to be met by the airport operator for issuing and manner of issuance of the Airport Certificate .

In the meantime, in May 2010 the first version of Ordinance on aerodromes was published and that was the legal basis for provision of detailed analysis of compliance of airport infrastructure with standards and recommendations of ICAO Annex 14.

The certification of airports in the Republic of Croatia on the basis of ICAO Document 9774

Ordinance on aerodromes was / is the copy of the final (actual) version of ICAO Annex 14, interpreted in Croatian language. It's essential feature was/is that all the ICAO Annex 14 recommendations were/are defined as standards.

In Article 1, paragraph 6 of the Ordinance it is defined that its provisions shall not apply to the airport existing infrastructure, if air transport safety is not compromised.

From October 2010 until May 2014, CCAA analyzed the harmonization of airport existing infrastructure with Ordinance on Aerodromes for 7 international airports and made a risk assessment for all incompatibilities defined in those studies for each airport.

The certification of airports in the Republic of Croatia on the basis of ICAO Document 9774

Based on Article 14 of Ordinance on conditions to be met by the airport operator for issuing and manner of issuance of the Airport Certificate and Studies of existing aerodromes infrastructure harmonization with provisions of Ordinance on Aerodromes, from January 2011 until January 2012 all Airport Certificates (issued to RH airport operators) were changed by adding new data: Aerodrome Reference code and Airport infrastructure incompatibilities.

It can be concluded that the process of harmonization of the airport infrastructure with provisions of the Ordinance on aerodromes has started in October 2010.

The certification of airports in the Republic of Croatia on the basis of ICAO Document 9774

**The certification of airports in the Republic of Croatia on the basis of EC
Regulation 139/2014**

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The most important difference between the certification of airports according to Ordinance on conditions to be met by the airport operator for issuing and manner of issuance of the Airport Certificate and EC Regulation 139/2014 is as follows:

- The process of airport's operator certification conducted in Croatia between 2005 and 2014, was focused on airport's operator ability to manage the airport,
- The process of airport certification based on EC Regulation 139/2014 is focused on both:
 - airport infrastructure, visual aids....etc. harmonization with EC Regulation 139/2014 and corresponding documents (CS and GM), and
 - airport's operator ability to manage the airport (AMC and GM).

The certification of airports in the Republic of Croatia on the basis of EC Regulation 139/2014

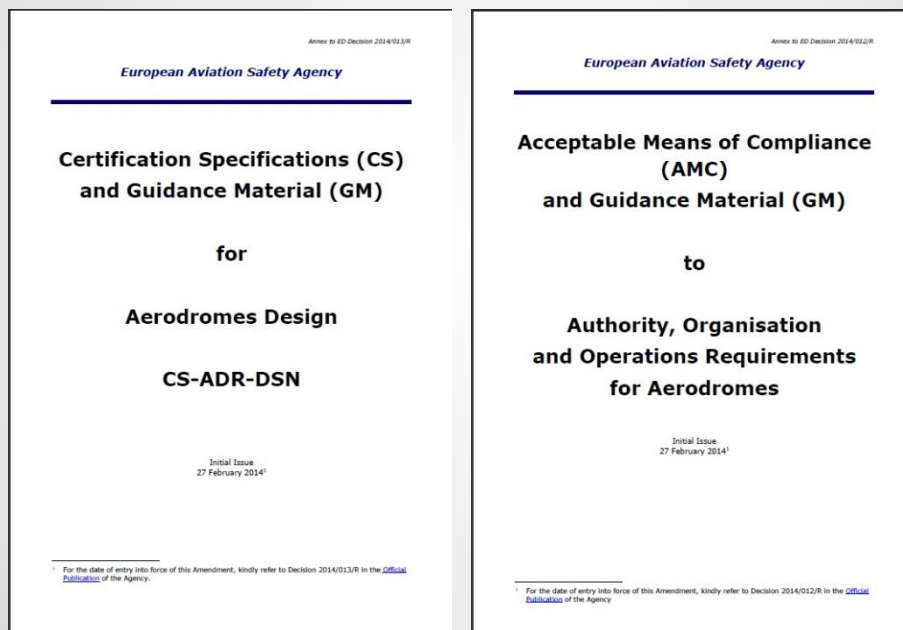
Consequently, two Aerodrome Certificates have to be issued by state authorized body (CCAA):

- One for Aerodrome infrastructure and related navigational instruments, visual aids, and....
- Another for Aerodrome's Operator

The certification of airports in the Republic of Croatia on the basis of EC Regulation 139/2014

Requirements for certification of airport infrastructure and airport's operator, based on EC Regulation 139/2014 are explained in two documents published by EASA:

- Certification Specification (CS) and Guidance Material (GM)
- Acceptable Means of Compliance (AMC) and Guidance Material (GM)



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Certification Specification (CS) and Guidance Material (GM) are related to:

- aerodrome infrastructure physical characteristics,
- obstacle limitation surfaces,
- visual aids,
- aerodrome operational services,
- equipment and installations,
- aerodrome maintenance

Basically, it could be said that CS and GM are EU version of ICAO Annex 14

Based on CS and GM , airport's operator has to define **Airport Certification Basis** Document .

The certification of airports in the Republic of Croatia on the basis of EC Regulation 139/2014

Aerodrome (Infrastructure) Certificate is based on **Airport Certification Basis Document**, approved by (State) Competent Authority (CCAA).

Aerodrome's Operator Certificate is based on ability of the airport's operator to demonstrate compliance with AMC and GM: Aerodrome Manual

In this very presentation I will not elaborate requirements related to EASA CS and Airport Certification Basis Document because, more or less, we all know the content of ICAO Annex 14 and essential requirements related to physical characteristics of aerodrome infrastructure, visual aids...etc... but I will say a few words about requirements related to airport's operator.

The certification of airports in the Republic of Croatia on the basis of EC Regulation 139/2014

EC regulation 139/2014 is contained of 11 articles and 4 Annexes:

- Annex 1 – Definitions of terms in Annexes 2 – 4
- Annex 2 – (State) Authority Requirements
- Annex 3 – Organization Requirements (Aerodrome Operator)
- Annex 4 – (Aerodrome) Operations Requirements

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Annex 3 – Organization Requirements (Aerodrome Operator)

- The implementation of EC Regulation 139/2014 and corresponding EASA documents. Also, ability to demonstrate compliance with these documents,
- Certification obligation of aerodrome (infrastructure) and aerodrome's operator,
- Aerodrome maintenance,
- Apron Management Services
- Provision of the information related to any change affecting the terms of the certificate, AP Operator's Management System etc.,

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Annex 3 – Organization Requirements (Aerodrome Operator)

- The implementation of EC Regulation 139/2014 and corresponding EASA documents. Also, ability to demonstrate compliance with these documents,
- Certification obligation of aerodrome (infrastructure) and aerodrome's operator,
- Aerodrome maintenance,
- Apron Management Services
- Provision of the information related to any change affecting the terms of the certificate, AP Operator's Management System etc.,

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Annex 3 – Organization Requirements (Aerodrome Operator)

- Safety Management System,
- Aerodrome's Operator (Quality) Management System,
- Management of Aeronautical Data and Aeronautical Information,
- Training and Proficiency Check Programmes for all personnel involved in the AP operations and AP maintenance.
- Prevention of Fire,
- Aerodrome Manual.

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Aerodrome Manual

- The content shall reflect the certification basis and the requirements set out in Annex 3 and Annex 4 of the EC Regulation 139/2014
- It may be issued in separate parts,
- Available to all AP personnel in portions that are relevant to somebody's duties and responsibilities,
- Delivered to (State) Competent Authority (and supplied with all amendments and revisions).

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Annex 4 – (Aerodrome) Operations Requirements

- Aerodrome's Operator shall insure as follows:
- Quality of Aerodrome's Aeronautical Data - Requirements defined in EC Regulation 73/2010 / Coordination between AP Operator and provider of AIS,
- Provision of services:
 - Aerodrome Emergency Planning
 - Rescue and Firefighting,
 - Monitoring and inspection of movement area and related facilities,
 - Wildlife strike Hazard Reduction,
 - Procedures related to Operations of Vehicles,

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Annex 4 – (Aerodrome) Operations Requirements

- Provision of services:
 - Surface Movement Guidance and Control System,
 - Operations in Winter Conditions,
 - Night Operations and Low Visibility Operations ,
 - Operations in Adverse Weather Conditions,
 - Fuel Quality,
 - Visual Aids and Aerodrome Electrical Systems,
 - Safety of Aerodrome Works,
 - Safeguarding of Aerodrome,
 - Marking and lighting of vehicles and other mobile objects,
 - Use of the aerodrome by higher code letter aircraft,

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Annex 4 – (Aerodrome) Operations Requirements

- Provision of services:
Aerodrome maintenance -
 - Pavement and other ground surfaces and drainage,
 - Visual aids and electrical systems.

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Aerodrome Certification Procedure:

- In order to obtain Aerodrome (Infrastructure) Certificate and Aerodrome's Operator Certificate, Aerodrome's operator has to:
- Prepare a draft of the Aerodrome Certification Basis Document, based on EASA CS and GM / Airport infrastructure and related instruments, visual aids...etc. has to be according to EASA CS&GM (ELOS, SC, DAAD).
- Prepare a draft of the Aerodrome Manual, based on EASA AMC and GM / Organization of the Aerodrome's Operator and Aerodromes Operations have to be based on Aerodrome Manual / ie EASA AMC and GM (AltMoC).

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Aerodrome Certification Procedure:

- After the preparation of one, or both documents, aerodrome's operator has to submit a request (defined form and content) to state authorized body (CCAA) for one or both Certificates at the same time.
- Based on defined procedures, authorized state body (CCAA) will check delivered document(s) and, after the approval of submitted document(s), conduct audit of aerodrome infrastructure... and/or Organization of Aerodrome's Operator and Aerodrome Operations.
- Finally, after the approval of the submitted documents, aerodrome infrastructure, aerodrome operations and organization of the aerodrome's operator, **Aerodrome (Infrastructure) Certificate** and **Aerodrome's Operator Certificate** will be given to Aerodrome's Operator.

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THE END
THANK YOU