Electronic Medical Certification in CAAC

Civil Aviation Medicine Center

MOU Lin
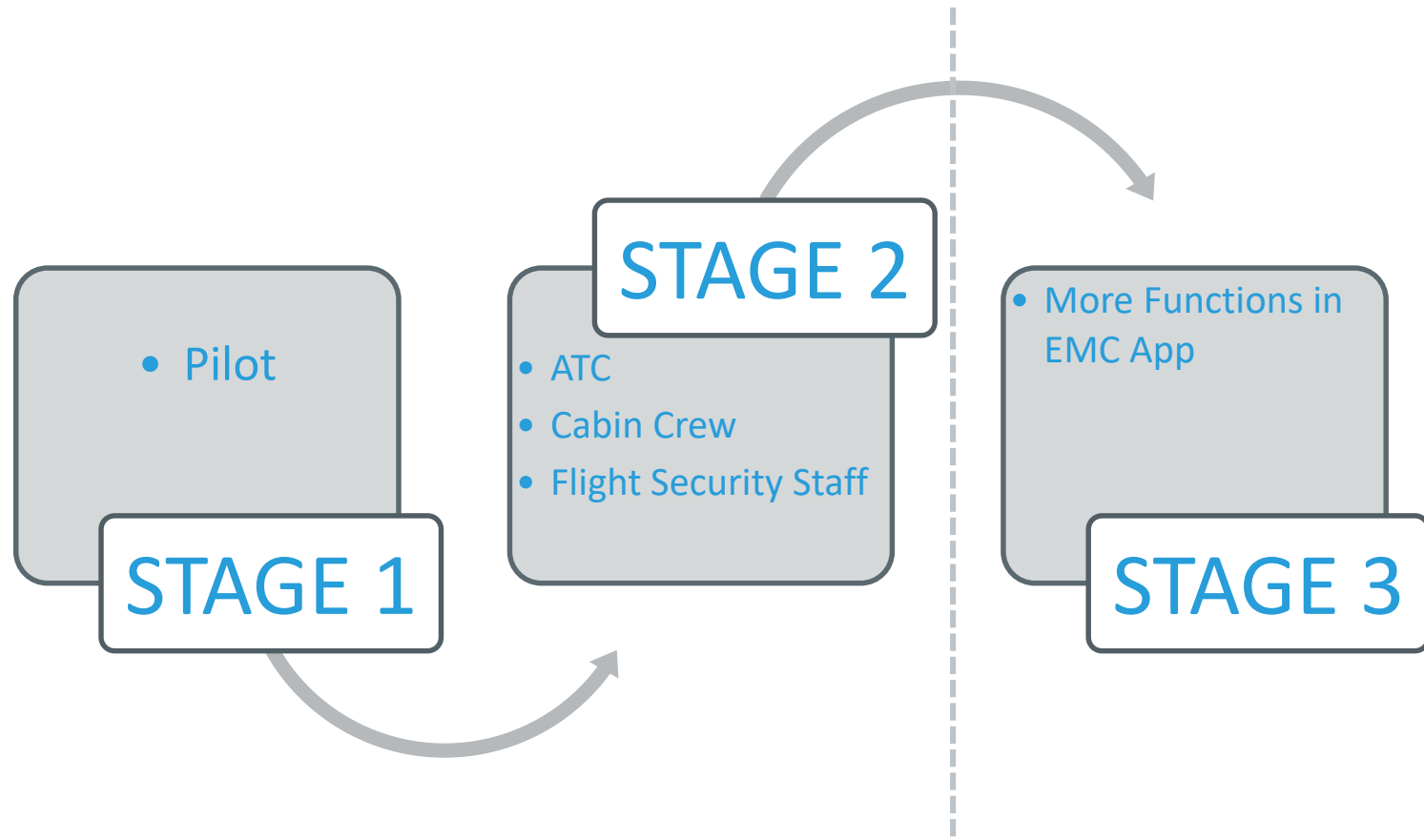**Civil Aviation Medicine Center, CAAC**

Contents

- Electronic Medical Certificate(EMC) development plan in CAAC
- EMC application procedures
- EMC APP introduction
- Issues to consider

Development Plan of EMC

STAGE 1

- Pilot

STAGE 2

- ATC
- Cabin Crew
- Flight Security Staff

STAGE 3

- More Functions in EMC App

Timeline

- Sep. 2008   Airman Medical Certificate Management System(AMS) put into use.

- Sep. 2016   Electronic Personnel License(EPL) APP formally put into use.

- Dec. 2017   EPL APP add medical certificate module.

- Aug. 2018   EMC APP online for download and trial.

- Jan. 2019   EMC formally put into use.

- Feb. 2020   Fully implement the EMC, and stop issuing the paper medical certificate.

中 国 民 用 航 空 局 飞 行 标 准 司

Flight Standards Department
Civil Aviation Administration of China

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Notification of Civil Aviation Administration of China (CAAC) on
Full Implementation of Electronic Medical Certificate

Dear Sir/Madam,

In 2017, CAAC released the "Electronic Personnel License" (EPL) APP, which covers and digitalizes all the information of traditional paper licensings and medical certificates of CAAC pilots. Now, every CAAC pilot has registered the APP.

According to the regulations of pilot licensing, CAAC will fully implement electronic medical certificate as of February 1, 2020. CAAC will thereafter cease the issuance of traditional paper medical certificate. Please kindly note that both traditional paper and electronic licensings are still issued.

As of February 1, 2020, CAAC pilots engaged in international flight will hold the valid traditional paper licensing, electronic licensing and electronic medical certificate issued by CAAC. Information of electronic medical certificate including personal data which is identical to licensing, date of examination, aviation medical examiner, signature of issuing officer, limitations, date of issue and expiry will be indicated therein to prove the conformity of a pilot's health condition with the regulations.

When inspecting the medical certificates held by CAAC pilots, the competent authorities can require the pilot to present his/her electronic medical certificate in EPL APP. In particular, the approach of licensing inspecting remains the same.

If you have any other questions, please contact Flight Standards Department of CAAC.

Your support and understanding of the CAAC EPL project and the digitalization policy is highly appreciated.

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Yours sincerely,

ZHU Tao
Director General
Flight Standards Department
Civil Aviation Administration of China

Airman medical certificate System(AMS)

https://ams.caac.gov.cn

AME and Issuing officer login

Airman and Stakeholder login

Lists of Examination institutions and CAMEs

Public Health Events

Laws, Regulations and Standards

Instructions

Q&A

News,Announcement, Traininginformation

Procedures

- Applicants complete medical exam in site

- CAMEs complete and sumit medical report online

- Applicants submit the application online

- Authorities issue the medical certificate online

- Electronic medical certificate instant delivery online(APP)

Download Cloud License APP from App Store

Apple App Stroe

QR code for Cloud License APP download

Android

IOS

Download **EMC APP** from App Store

QR code for EMC APP download

Android

iPhone

Current functions of EMC APP

- EMC Online Display

- EMC Verification

- Process Status Reminder

Poilt EMC Display

Login screen (登录 | Login) with fields for 体检合格证编号, 手机号 Phone No, 验证码 Co, 验证码 | Send, and Auto-Login (自动登录) toggle.

License screen showing language options (中文, English, بالعربية, Français, España, русский), photo, Name, Nationality: CHINA, Archive No.: FN0..., License No.:51018...038. Bottom navigation: License, Medical Certificate, Logbook, Me.

Civil Airman Medical Certificate:

I CLASS OF MEDICAL CERTIFICATE

No. 510...

Name M/...   Gender M

Date of birth 19...   Nationality P.R.CHINA

Limitations

Date of examination 2020-09-18

Aviation Medical Examiner KE...

Signature of issuing officer SC...

Date of issue(effect) 2020-10-18

Date of expiry 2021-10-18

Stamp of issuing authority

The holder has met the medical standards in CCAR-67FS,for this class of Medical Certificate.

Remarks

1.This certificate is issued under the Civil Aviation Medical Certificate Management Rules(CCAR-67FS).

2.The medical certificate is valid from the date of issue. The period of validity is labeled on this certificate.

3.This certificate shall be carried on during performing corresponding duties.

Other Users' EMC Display

Verification

Click and Scan the QR Code

Verification Results

Verified

FALSE

Application Process Status Reminder

Reminder
Your medical exam is complete. Do you need to apply the medical certificate？
Apply   Cancel

Reminder
Your medical certificate application is accepted.
Close

Reminder
Your medical certificate is approved.
Close

Issues Need to Consideration

- **Security**

- **Stability**

- **Adaptation**

Security

- Professional team to maintain system security

- CAMEs and authorities need to use **encryption usb flash drive** (**KEY**) to login the AMS

- Applicants use **password** and mobile phone **verification code** to login the AMS and APP

Stability

Type of Medical Certificate	Number of people
Class I (commercial pilot licence, multi-crew pilot licence and airline transport pilot licence holders)	75604
Class II (private pilot licence ,flight navigator licences, flight engineer,glider pilot and free balloon pilot licencesholders)	1752
Class IIIa (air traffic controller licence holders)	113396
Class IIIb (Flight service controller and operation monitoring controller)	1458
Class IVa (cabin crew)	82220
Class IVb (inFlight secutiry staff)	14513
Class IVa+Class IVb	10790
Total	199733

Until 25, Nov, 2022

Adaptation

- Different Mobile Operating Systems

- Different Operating System versions

- Further System Upgrade

Thanks For Your Attention!

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