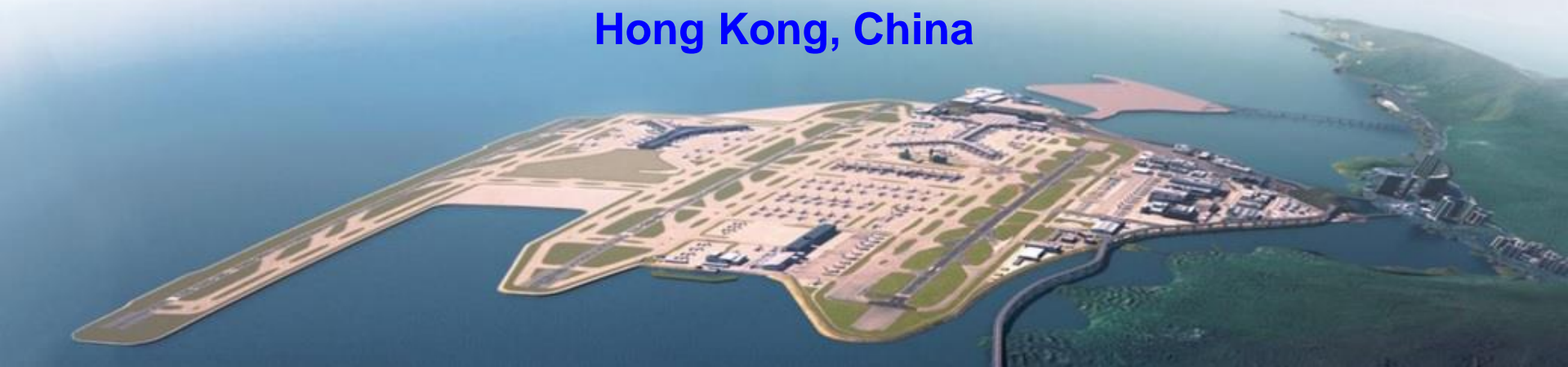
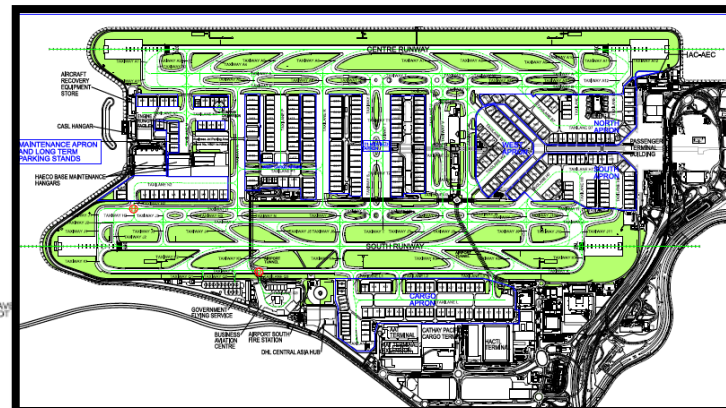
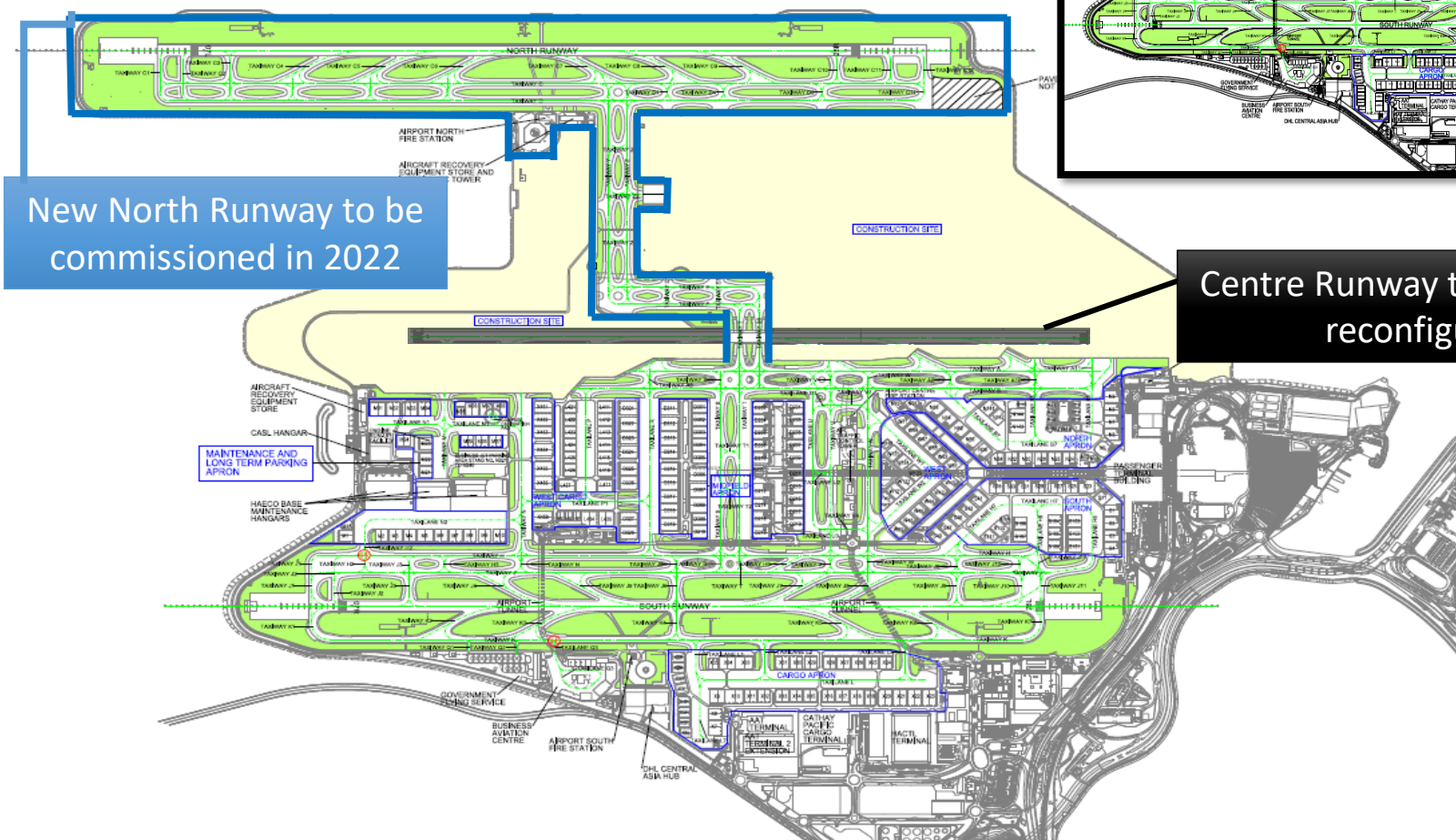


Aerodrome Licensing for Interim Two-Runway System (I-2RS) of the Hong Kong International Airport

Hong Kong, China



Interim Two-Runway System (I-2RS)



Aerodrome Layout of Hong Kong International Airport (I-2RS Stage)

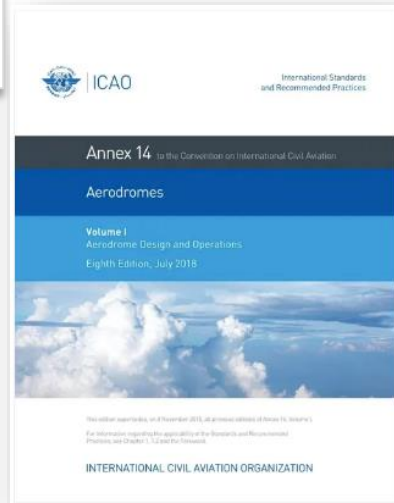
Aerodrome Licensing Regulatory Framework

Civil Aviation Ordinance (Cap. 448)

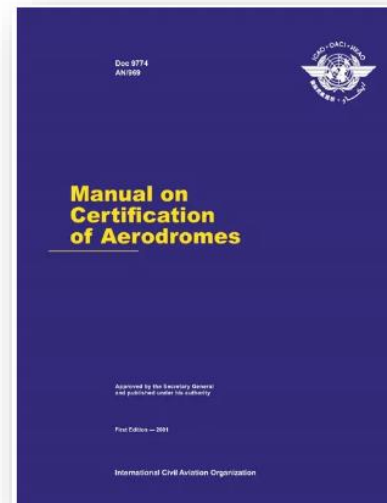
Air Navigation (Hong Kong) Order 1995 (Cap. 448C)

Aerodrome Licensing Requirements Document (ALRD)

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Annex 14 SARPs

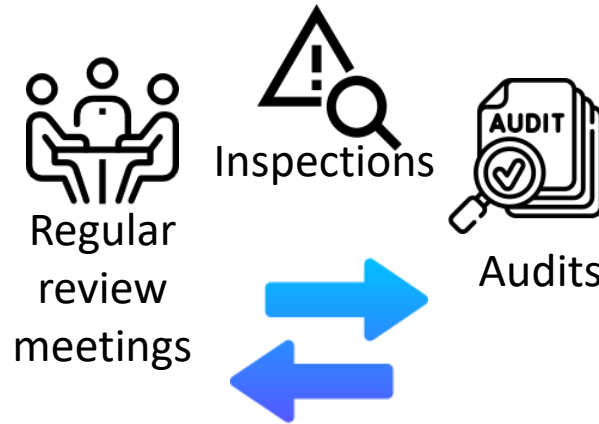


ICAO guidance materials



Local Requirements

Regulatory Oversight for Existing Operations - Annual Renewal of Aerodrome Licence



Aerodrome Licensing Review Committee (ALRC)

- Aerodrome operator of the HKIA since 1998
- To ensure HKIA operations comply with ALRD

- Assessor of aerodrome licensing requirements compliance
- Continuously monitor and assess the compliance



Project Key Milestones



2012

Review on
design and
development
plans

2016

Construction
works
commenced

2 Dec 2021

Re-designate
former North
Runway 07L/25R
to 07C/25C

24 Feb 2022

Designate
new North
Runway as
07L/25R

Mar-Apr 2022

Flight
check

May 2022

Crash
Exercise

2022
Interim-2RS

2024
3RS



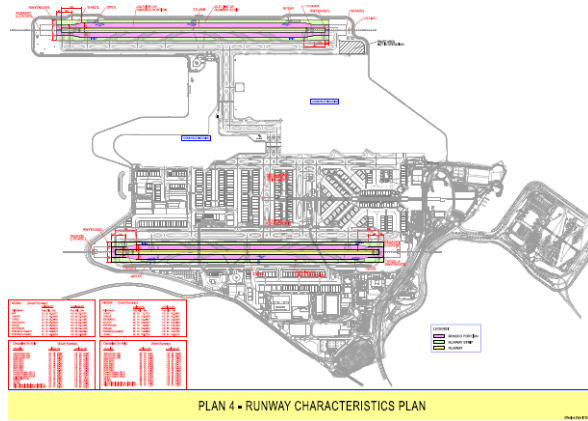
31 May 2022
Issuance of
aerodrome
licence covering
new runway and
taxiways



Aerodrome Licensing Assessment for I-2RS

- Scope of licensing requirements

Documentation



Aerodrome Data

| | | |
|---|---|---|
| HONG KONG SPECIAL ADMINISTRATIVE REGION PEOPLE'S REPUBLIC OF CHINA AERONAUTICAL INFORMATION SERVICE (ISO 9001 CERTIFIED) | | |
| PHONE +852 2910 6174 FAX +852 2910 1180 AFS address VHHHVOYX E-mail aic@cad.gov.hk | AIR TRAFFIC MANAGEMENT DIVISION CIVIL AVIATION DEPARTMENT HONG KONG INTERNATIONAL AIRPORT | AIRAC AIP SUPPLEMENT 06/22 21 APR 22 |

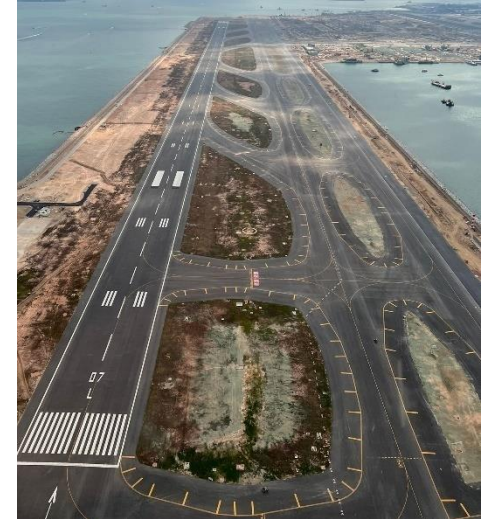
EFFECTIVE DATE: 16 June 2022

UPDATED INFORMATION OF THE NEW NORTH RUNWAY (RWY 07L/25R) OF HONG KONG INTERNATIONAL AIRPORT

1 Introduction

1.1 The new North Runway (RWY 07L/25R) is planned to be put into operation in 2022. The construction of associated facilities and the preparatory works are in progress. The actual commissioning date of the runway will be promulgated in due course by NOTAM.

Physical Characteristics



Lights



Signs and Markings



Equipment & Installations



Aerodrome Licensing Assessment for I-2RS

- Scope of licensing requirements

Rescue & Fire Fighting Services



Emergency Planning



Security Arrangements



Operational Services and Maintenance



Safety Management System



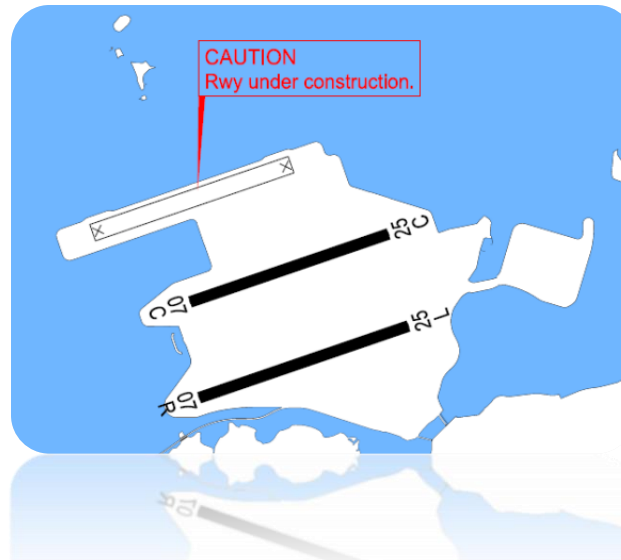
Other Items



Aerodrome Licensing Assessment for I-2RS

- Mitigation of risks from construction works to operational airport

- Coordination and communication mechanism with various stakeholders
- Promulgation of information on construction works and airport safety
- Planning and scheduling of works
- Separation of works area from operational areas



Aerodrome Licensing Assessment for I-2RS - Iterative Approach

2020

2021

2022

01 02 03 04 05 06 07 08 09 10 11 12 01 02 03 04 05 06 07

I-2RS - Aerodrome Licensing

Preparation works

- Review on airfield design
- Review on licensing framework

Provisional submissions

- Design drawings
- Manual updates
- Layout plans

Detailed submissions

- Compliance checklists
- Test reports
- As-built drawings

Iterative process of submissions, comments and discussion

Early on-site visits

Pre-inspections

Licensing inspections

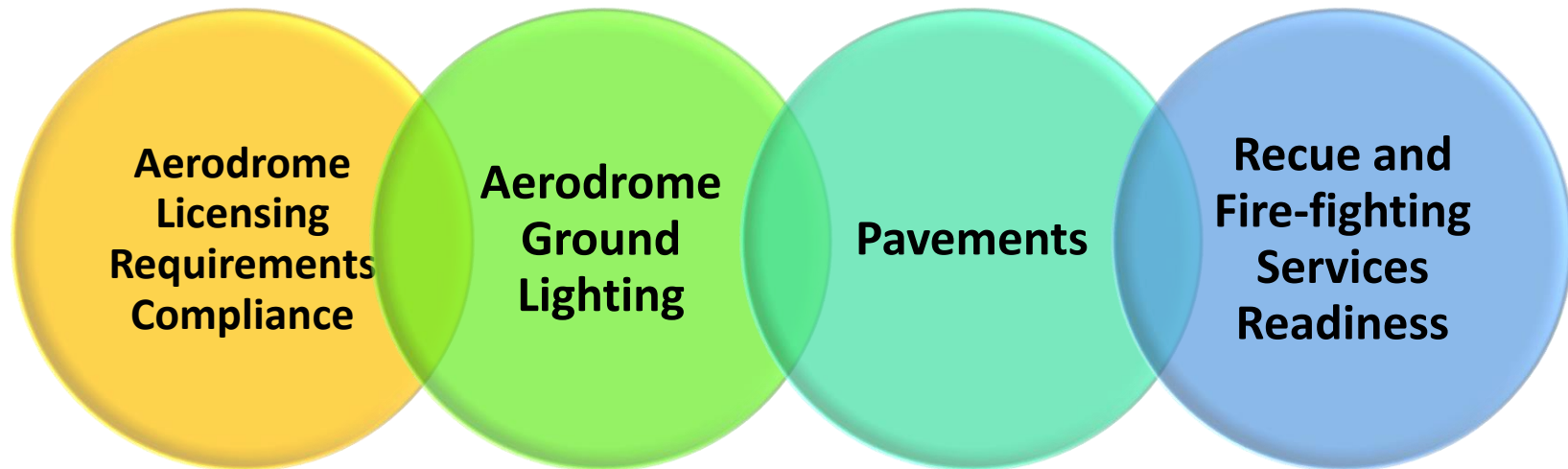
New RWY
Ready for F/C

Issue I-2RS
Aerodrome
Licence

Aerodrome Licensing Assessment for I-2RS - Collaborative Efforts

Dedicated **Taskforces** and **Working Groups**

- To enhance communication
- To facilitate discussions on the readiness of various parties




Aerodrome Licensing Assessment for I-2RS

- Early on-site visits / pre-licensing inspections

▲ AGL
● Pavement
✚ Others



- To closely monitor the work progress
- To preview the quality control by AAHK
- Early identify the potential non-compliance

- 
- Early formulation of rectification works
 - Undertake rectification works as early as practicable
 - Enhance quality assurance



Aerodrome Licensing Assessment for I-2RS - Joint Inspection with AAHK

- To assess readiness of runway and associated facilities



Aerodrome Licensing Assessment for I-2RS

Licence No. 25



Government of the Hong Kong Special Administrative Region
Civil Aviation Department
Aerodrome Licence

Name of Aerodrome: Hong Kong International Airport
Position of Aerodrome: Lat. 22°18' 32"N Long. 113°54' 53"E
Name and Address of Licensee: Airport Authority Hong Kong
HKIA Tower, 1 Sky Plaza Road,
Hong Kong International Airport,
Lantau, Hong Kong

The Director-General of Civil Aviation (in this licence referred to as "the Director-General"), being a person duly authorised under Article 98(1) of the Air Navigation (Hong Kong) Order 1995 ("the Order"), having been satisfied that the Licensee is competent to secure that the aerodrome is safe for use by aircraft and that the Aerodrome Manual submitted by the Licensee is adequate, in exercise of his powers under Article 75 of the Order, hereby licenses the above-named aerodrome as an aerodrome for the take-off and landing of aircraft engaged in flights for the purpose of the public transport of passengers or for such other purposes as may be specified by the Director-General in daytime and at night, subject to the conditions listed in the Schedule overleaf.

This licence shall remain in force from 1 June 2022 to 31 May 2023 unless previously varied, suspended or revoked. Licence No. 24 shall be revoked on 1 June 2022.


(Victor Lin)
Director-General of Civil Aviation

Date: 31 May 2022



A renewed aerodrome license incorporating I-2RS operations was issued by CAD to AAHK on 31 May 2022

Action by the Meeting

- note the information contained in this paper;
- share experience and information regarding certification of new aerodrome facilities at respective aerodromes, particularly the challenges associated with the certification work of new aerodrome facilities at an operational airport.

Thank you

