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Email: caas_singaporeais@caas.gov.sgURL: www.caas.gov.sgURL: <https://fpl-1.caasaim.gov.sg>**AIC for Singapore****AIC****04/2018****Effective from 13 NOV 2018****/ 31 DEC 2020****Published on 13 NOV 2018****ESTABLISHMENT OF NEW AIRPORT AT BINTAN – RIAU ISLANDS PROVINCE****1 General**

1.1 The purpose of this Aeronautical Information Circular (“**AIC**”) is to inform all aircraft operators about the planned establishment of the new airport at Bintan – in the Riau Islands Province of Indonesia (“**the Airport**”), which is within the Singapore Flight Information Region (FIR). Information contained in this AIC has been provided by the Directorate General of Civil Aviation Indonesia.

1.2 This AIC will be followed up with an Aeronautical Information Publication (“**AIP**”) Supplement that will provide the relevant details for aircraft operators.

2 Implementation Schedule

2.1 The construction phases of the Airport are as follows:

- Phase I: Construction of runway and other airside facilities from October 2018 to October 2020;
- Phase II: Construction of passenger terminal building and other landside facilities from June 2019 to June 2020;
- Fully operational: December 2020.

3 Description

3.1 The planned development of the Airport facilities shall be conducted primarily to meet the needs of flight operations and airport services, based on forecasted air transport traffic growth. Upon completion of Phase I, the Airport is designed to accommodate the largest aircraft type of a B737-900ER. Upon full completion, the Airport is designed to accommodate a B777-300.

3.2 The construction of the Airport comprises maneuvering area and movement area facilities.

3.2.1 Airside

No.	Descriptor	Phase I	Phase II
1	Airport Reference Code	4C	4E
2	Runway Classification	Instrument Precision	Instrument Precision
3	Runway Direction	04/22	04/22
4	Runway Dimension	3000m x 45m	3000m x 45m
	TORA	04	3000m
		22	3000m
	LDA	04	3000m
		22	3000m
	ASDA	04	3000m
		22	3000m
	TODA	04	3150m
22		3150m	

No.	Descriptor		Phase I	Phase II
5	Runway Strip		3120m x 300m	3120m x 300m
6	Turning Area	04	-	-
		22	80m x 15m	80m x 15m
7	RESA	04	90m x 90m	90m x 90m
		22	90m x 90m	90m x 90m
8	Taxiway Dimension			
	Rapid Exit TWY A		519m x 23m	519m x 23m
	Rapid Exit TWY B		540m x 23m	540m x 23m
	Rapid Exit TWY C		-	283m x 23m
	Rapid Exit TWY D		-	160m x 23m
	Parallel TWY F		-	2800m x 23m
9	Area of Apron		33300sq m	61200sq m

3.2.2 Navigation Aids

Facilities	Phase I	Phase II
VOR/DME	Available	Available

3.2.3 Instrument Landing Aids

Facilities	Phase I	Phase II
ILS	Available	Available

3.2.4 Visual Landing Aids

Facilities	Phase I	Phase II
Signaling device	Rotating Beacon Signal Gun (Lamp) Wind Sock Siren	Rotating Beacon Signal Gun (Lamp) Wind Sock Siren
Runway lighting	Edge Light Centerline Light Threshold Light Runway End Light Turn Pad Light	Edge Light Centerline Light Threshold Light Runway End Light Turn Pad Light
Taxiway lighting	Edge Light Centerline Light Taxiway Sign	Edge Light Centerline Light Taxiway Sign
Approach lighting	Precision Approach Lighting System ("PALS") Medium-Intensity Approach Lighting System ("MALS") Abbreviated Precision Approach Path Indicator ("APAPI")	PALS MALS APAPI
Apron lighting	Edge Light Flood Light Aircraft Stand Light	Edge Light Flood Light Aircraft Stand Light
Runway marking	Side Strip Marking Centerline Marking Threshold Marking Turn Pad Marking TDZ Marking	Side Strip Marking Centerline Marking Threshold Marking Turn Pad Marking TDZ Marking
Taxiway marking	Edge Marking Centerline Marking	Edge Marking Centerline Marking
Apron marking	Edge Marking Taxi Guidance Marking Aircraft Stand Marking	Edge Marking Taxi Guidance Marking Aircraft Stand Marking

3.2.5 ATS Communications Facilities

Facilities	Phase I	Phase II
Service Designation	TWR	TWR
Air - Ground	VHF transceiver VHF transmitter (ATIS) Recorder	VHF transceiver VHF transmitter (ATIS) Recorder
Ground - Ground	Direct Speech (DS) Teleprinter (TTY) VSAT ATN	Direct Speech (DS) Teleprinter (TTY) VSAT ATN

3.2.6 Aircraft Rescue and Fire Fighting Category

Facilities	Phase I	Phase II
Aircraft Rescue and Fire Fighting	Category 7	Category 8

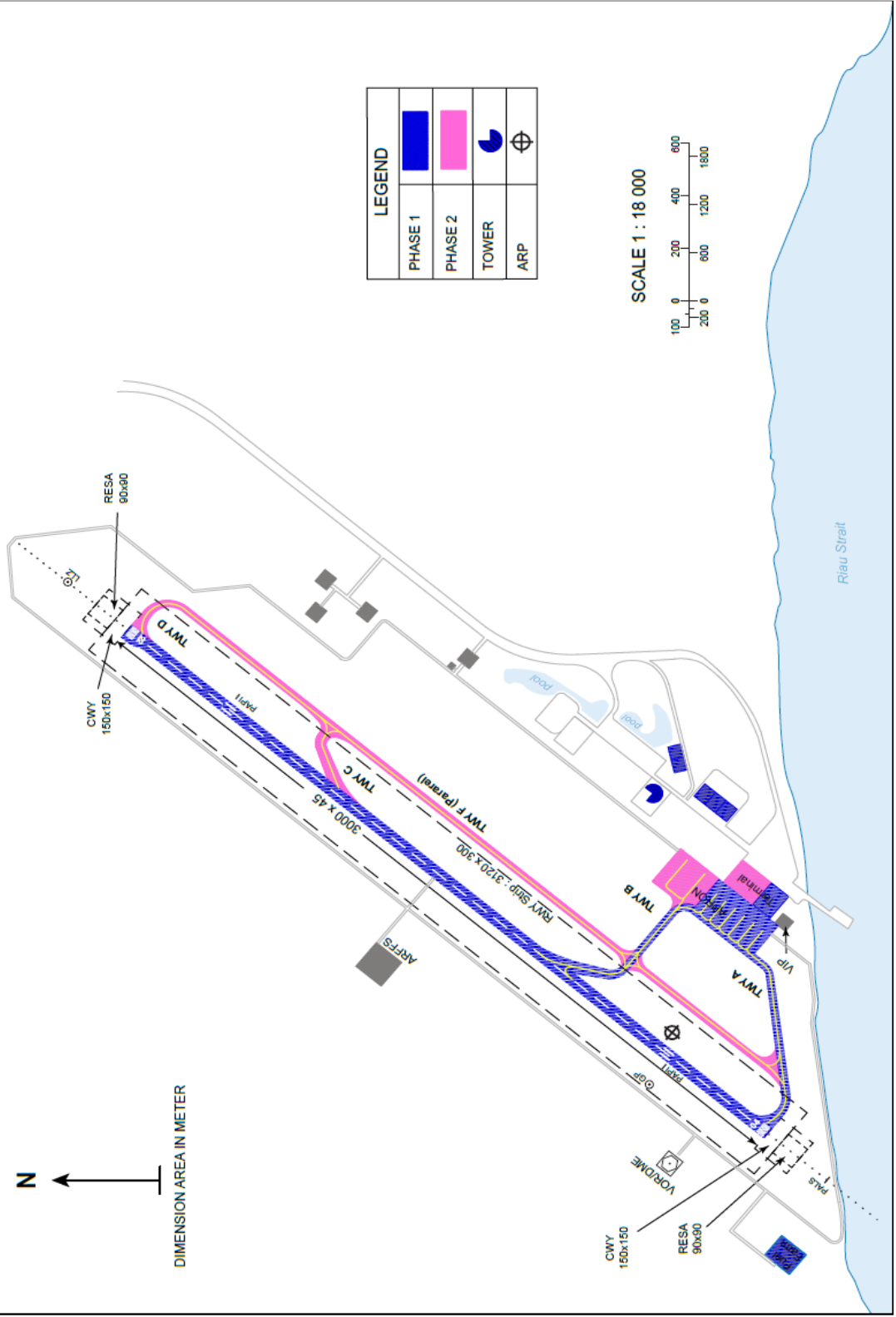
3.3 Runway Threshold

Threshold	WGS-84 Coordinates
RWY 04	010012.51N 1041646.26E
RWY 22	010122.02N 1041754.38E

4 Change and Cancellation

4.1. This AIC remains current until superseded by subsequent AIC.

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