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AIP Supplement for Singapore

Civil Aviation Authority of Singapore

AIRAC AIP SUP 152/2026

Effective from 03 SEP 2026 to PERM

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WSAC CHANGI (RSAF) – UPDATED DATA AND INFORMATION FOR RUNWAY 03 / 21

1 INTRODUCTION

1.1 This AIRAC AIP Supplement informs aircraft operators of the data and information for WSAC CHANGI (RSAF) Runway 03/21, effective from **03 September 2026**.

1.2 WSAC Changi (RSAF) Runway 03/21 will be operational from **17 September 2026, 1600UTC**. It will not be available for civil use unless with prior coordination. Please see **Annex A** for the location of WSAC Changi (RSAF) Runway 03/21 and **Annex B** for the Aerodrome Chart.

2 WSAC CHANGI (RSAF) RUNWAY 03/21 DATA AND INFORMATION

2.1 Details of WSAC Changi (RSAF) Runway 03/21 are tabulated below.

AD 2 - AERODROMES **WSAC AD 2.1 AERODROME LOCATION INDICATOR AND NAME**
WSAC – CHANGI (RSAF)

Note: The following sections in this chapter are intentionally left blank:
AD 2.4, 2.5, 2.7, 2.9, 2.11, 2.16, 2.20, 2.21, 2.22, 2.23, 2.24 and 2.25

WSAC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA		
1	*ARP coordinates and site at AD*	011948.22N 1040112.94E (WSAC IBN)
2	*Direction and distance from (city)*	-
3	*Elevation / Reference temperature*	6.00m / 32.6°C
4	*Geoid Undulation (AD elevation position)*	-
5	*MAG VAR / Annual change*	0°23'E (2020) / Negligible
6	*AD Administration, address, telephone, telefax, AFS*	
CHANGI AIRBASE (EAST) SINGAPORE 509863 Tel: 65864033 (Base Command Post) AFS: WSACYWYX		
7	*Types of traffic permitted*	IFR and VFR
8	*Remarks*	Operator: Republic of Singapore Air Force. Not available for civil use

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WSAC AD 2.3 OPERATIONAL HOURS		
1	*Aerodrome Administration*	BTN 2300-1100 SUN/MON to THU/FRI
2	*Customs and Immigration*	-
3	*Health and Sanitation*	-
4	*AIS Briefing Office*	-
5	*ATS Reporting Office*	-
6	*MET Briefing Office*	-
7	*Air Traffic Services*	-
8	*Remarks*	-

WSAC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES		
1	*AD category for fire fighting*	CAT 8
2	*Rescue equipment*	Adequately provided as recommended by ICAO
3	*Capability for removal of disabled aircraft*	-
4	*Remarks*	All Airport Emergency Services personnel are trained in rescue and fire-fighting as well as medical first-aid.

WSAC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA		
1	*Apron surface and strength*	Apron A: Concrete surface, strength PCR 760/R/A/W/T. Apron D: Asphalt surface, strength PCR 830/F/B/W/T, Concrete surface, strength PCR 1210/R/B/W/T
2	*Taxiway width, surface and strength*	TWY MA: 30m wide for MA TWY and all accesses (MA1 through MA8). Asphalt surface, strength PCR 830/F/B/W/T, Concrete surface, strength PCR 1210/R/B/W/T TWY MY: 23m wide for MY TWY and RETs MY2, MY3, MY4, MY5, MY6 and MY8. 50m for perpendicular TWYs MY1, MY7, MY9 and MY10. Asphalt surface, strength PCR 573/F/B/X/U
3	*Remarks*	-

WSAC AD 2.10 AERODROME OBSTACLES

1. Obstacles in Approach / TKOF Area

IN APPROACH / TKOF AREAS		
RWY/Area affected	**OBST type, ELEV, Markings/LGT**	**Location of Coordinates**
1	**2**	**3**
RWY 03/21 APCH RWY 03/21 TKOF	ILS LLZ antenna, HGT 8ft AGL, marked and LGTD	LLZ RWY 03 located 382m from RWY 21 THR. LLZ RWY 21 located 385m from RWY 03 THR.
RWY 03/21 APCH RWY 03/21 TKOF	ILS LLZ hut, HGT 12.2ft AGL, marked and LGTD	LLZ RWY 03 located 382m from RWY 21 THR. LLZ RWY 21 located 385m from RWY 03 THR.

2. Obstacles in Circling area and at Aerodrome

IN CIRCLING AREA AND AT AERODROME		
OBST type, ELEV, Markings/LGT		**Location of Coordinates**
1		2
1	ILS GP huts co-located with GP antenna mast, 54ft AGL, marked and lighted.	GP RWY 03 located 295ft east of eastern edge of RWY and 1017ft from RWY 03 THR. GP RWY 21 located 295ft east of eastern edge of RWY and 1017ft from RWY 21 THR.
2	Precision Approach Radar (PAR) hut, 38ft AGL, marked and lighted.	295ft west of western edge of RWY, 6726ft north of RWY 03 THR.

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3	Arrestor hook-wire retriever unit, 0.25ft AGL, lighted.	Within the RWY strip. Located 10ft from both sides of the RWY edges installed 1564ft from RWY 03 THR and 1564ft from RWY 21 THR.
4	Hook-wire ramp, 1.25ft AGL.	Within the RWY strip. Located 8.7m from both sides of the RWY edges, installed 490m from RWY 03 THR and 490m from RWY 21 THR.
5	Arrestor barrier 0.16ft AGL.	Within the RWY strip, installed 40m south of RWY 03 THR and 40m north of RWY 21 THR.
6	Net barrier ramp, 1.38ft AGL.	Within the RWY strip. Located 1.85m from both sides of the overrun edges, installed 40m south from RWY 03 THR and 40m north from RWY 21 THR.
7	MAG, Elev same as turf level.	Within the RWY strip. Located 55m from both sides of the RWY edges, installed 550m from RWY 03 THR and 550m from RWY 21 THR.
8	Wind Direction Indicator, 24ft AGL, marked and lighted.	295ft east of eastern edge of RWY for both sides, 1115ft from RWY 03 THR and 1115ft from RWY 21 THR.
9	AWOS, 33ft AGL.	Located 116.20m from eastern RWY edges, installed 386m from RWY 03 THR and 386m from RWY 21 THR.

WSAC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	True BRG	Dimensions of RWY (m)	Strength (PCR) and surface of RWY and SWY	THR Coordinates and RWY end coordinates (THR Geoid Undulation)	THR elevation and highest elevation of TDZ of precision APCH RWY
1	2	3	4	5	6
03	023.01°	3660 x 60	Runway – Asphalt surface, strength PCR 830/F/B/W/T Runway – Concrete surface (610m or 2001ft from THR), strength PCR 1210/R/B/W/T	THR coordinates: 011855.41N 1040045.06E RWY end coordinates: 012045.08N 1040131.36E	6.00m 6.00m
21	203.01°	3660 x 60	Runway – Asphalt surface, strength PCR 830/F/B/W/T Runway – Concrete surface (610m or 2001ft from THR), strength PCR 1210/R/B/W/T	THR coordinates: 012045.08N 1040131.36E RWY end coordinates: 011855.41N 1040045.06E	6.00m 6.00m

Slope of RWY-SWY Transverse / Longitudinal	SWY Dimensions (m)	CWY Dimensions (m)	STRIP Dimensions (m)	Dimensions of RESA (m)	Locations and description of ARST system	OFZ
7	8	9	10	11	12	13
-	-	230 x 150	3780 x 280	240 x 150	Hookwire cable installed 490m inwards from RWY 03 THR. Arrestor barrier installed 40m north of RWY 21 THR.	Yes
-	-	230 x 150	3780 x 280	240 x 150	Hookwire cable installed 490m inwards from RWY 21 THR. Arrestor barrier installed 40m south of RWY 03 THR.	Yes

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Remarks
14
a) Intensive civil aviation flying operations west of runway. b) Arrestor Barrier both ends of runway. c) Hookwire cable installed 490m inwards from RWY 21 THR and 490m inwards from RWY 03 THR. d) Intense bird activity after rain, and up to 2 hours after dusk and dawn.

WSAC AD 2.13 DECLARED DISTANCES					
RWY Designator	**TORA (m)**	**TODA (m)**	**ASDA (m)**	**LDA (m)**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
03	3660	3890	3660	3660	NIL
21	3660	3890	3660	3660	NIL

WSAC AD 2.14 APPROACH AND RUNWAY LIGHTING								
RWY Designator	**APCH LGT Type, LEN, INTST**	**THR LGT colour WBAR**	**PAPI (MEHT)**	**TDZ LGT LEN**	**RWY Centreline LGT, LEN, spacing, colour, INTST**	**RWY edge LGT, LEN, spacing colour, INTST**	**RWY END LGT colour**	**SWY LGT colour**
1	2	3	4	5	6	7	8	9
03	CAT I Sequenced FLG LGT (900m) with brilliancy control. CAT I High INTST White approach LGT with brilliancy control with one crossbar at 300m from THR	Green supplement-ed by green wing-bar and 2 THR ident lights.	PAPI on 3° glide slope on either side of RWY located at 415m behind THR. 2 White 2 Red (19.7m MEHT), 3 White 1 Red (23.6m MEHT). ACFT with eye-to wheel height greater than 8m are advised to fly with 2 White and 2 Red lights visible so as to achieve sufficient wheel clearance.	Nil	Nil	Bi-directional WHITE/ AMBER edge lights (spacing at 60m apart) as follows: From THR to 600m from RWY End -WHITE last 600m to RWY End - AMBER	Red	Nil

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WSAC AD 2.14 APPROACH AND RUNWAY LIGHTING								
21	CAT I Sequenced FLG LGT (900m) with brilliancy control. CAT I High INTST White approach LGT with brilliancy control with one crossbar at 300m from THR	Green supplement-ed by green wing-bar and 2 THR ident lights.	PAPI on 3° glide slope on either side of RWY located at 415m behind THR. 2 White 2 Red (19.7m MEHT), 3 White 1 Red (23.6m MEHT). ACFT with eye-to wheel height greater than 8m are advised to fly with 2 White and 2 Red lights visible so as to achieve sufficient wheel clearance.	Nil	Nil	Bi-directional WHITE/ AMBER edge lights (spacing at 60m apart) as follows: From THR to 600m from RWY End - WHITE last 600m to RWY End - AMBER	Red	Nil

WSAC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY		
1	ABN/IBN location, characteristics and hours of operation	IBN: 011948.22N 1040112.94E (160m located eastwards from centre of 03/21 RWY) FLG R “AC” EVRY 4.8 SEC, Operating hours HN+IMC
2	Anemometer location and LGT	WDI located at 120m from RWY Centreline and 340m behind THR 03: 012034.56N, 1040131.14E (East of RWY) 21: 011902.87N, 1040052.43E (East of RWY)
3	TWY Edge and Centreline Lighting	RWY 03/21: Omnidirectional BLUE lights with brilliancy control on edge of TWY. Nil TWY centreline lights
4	Secondary power supply/switch-over time	Emergency genset with 15 second power switch over.
5	Remarks	Nil

WSAC AD 2.17 ATS AIRSPACE		
1	*Designation and Lateral Limits*	Within Changi CTR
2	*Vertical Limits*	GND to 3000FT ALT
3	*Airspace Classification*	C
4	*ATS Unit Call Sign, Language(s)*	CAB EAST TOWER ENGLISH
5	*Transition Altitude*	11000FT (3,350m)
6	*Remarks*	-

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WSAC AD 2.18 ATS COMMUNICATION FACILITIES				
Service Designation	**Call Sign**	**Frequency (P-Pri, S-Sec)**	**Hours of operation**	**Remarks**
APP	SINGAPORE DEPARTURE	P120.3 MHz S133.0 MHz S132.15 MHz	H24	DEP from all airports in Singapore.
	SINGAPORE ARRIVAL	P119.3 MHz S119.4 MHz S119.55 MHz	H24	TAR - Intermediate and final approach to Singapore Changi AP and WSAC Changi (RSAF)
	SINGAPORE APPROACH	P124.05 MHz S124.6 MHz S126.3 MHz	2100-1700	TAR - flow control service provided for ARR/DEP ACFT. Intermediate approach to Singapore Changi AP and other airports in Singapore
TWR	CAB EAST TOWER	122.25 MHz 309.6 MHz	BTN 2300-1100 SUN-MON to THU-FRI	For TKOF/LDG. For ACFT operating on RWY 03/21.
GND	CAB EAST GROUND	120.95 MHz 281.2 MHz		For start-up / taxiing of all aircraft.
ATIS	CAB EAST INFORMATION (03/21)	139.95 MHz		-
Flight Information Service	SINGAPORE RADAR	119.1 MHz	H24	NIL

WSAC AD 2.19 RADIO NAVIGATION AND LANDING AIDS					
Type of Aid and MAG Variation	**IDENT**	**Frequency**	**OPR Hour**	**Position of transmitting Antenna Coordinates**	**DME transmitting Antenna Elevation / Remarks**
TACAN	CHA	1165Mhz	H24	011848.70N 1040036.20E	For homing purposes only.
ILS LLZ RWY 03	ICN	111.1MHz	H24	012056.60N 1040136.20E	LOC 382m from THR RWY 21 along centreline of RWY. Course width 3 DEG.
ILS GP RWY 03	-	331.7MHz	H24	011902.87N 1040052.43E	GP angle 3 DEG.
ILS DME RWY 03	ICN	1009Mhz	H24	011902.87N 1040052.43E	DME co-located with GP.
ILS LLZ RWY 21	ICS	111.7MHz	H24	011843.84N 1040040.17E	LOC 385m from THR RWY 03 along centreline of RWY. Course width 3 deg.
ILS GP RWY 21	-	333.5MHz	H24	012034.56N 1040131.14E	GP angle 3 deg.
ILS DME RWY 21	ICS	1015Mhz	H24	012034.56N 1040131.14E	DME co-located with GP.

3 CHANGES

3.1 Any change to the contents of this AIRAC AIP Supplement will be notified through NOTAM.

3.2 This AIRAC AIP Supplement will remain valid until the information is incorporated into AIP Singapore.

Locations of WSAC Runway 03/21 and WSSS Runways 02L/20R, 02C/20C and 02R/20L - Annex A

Aerodrome Chart - WSAC Changi (RSAF) - Annex B

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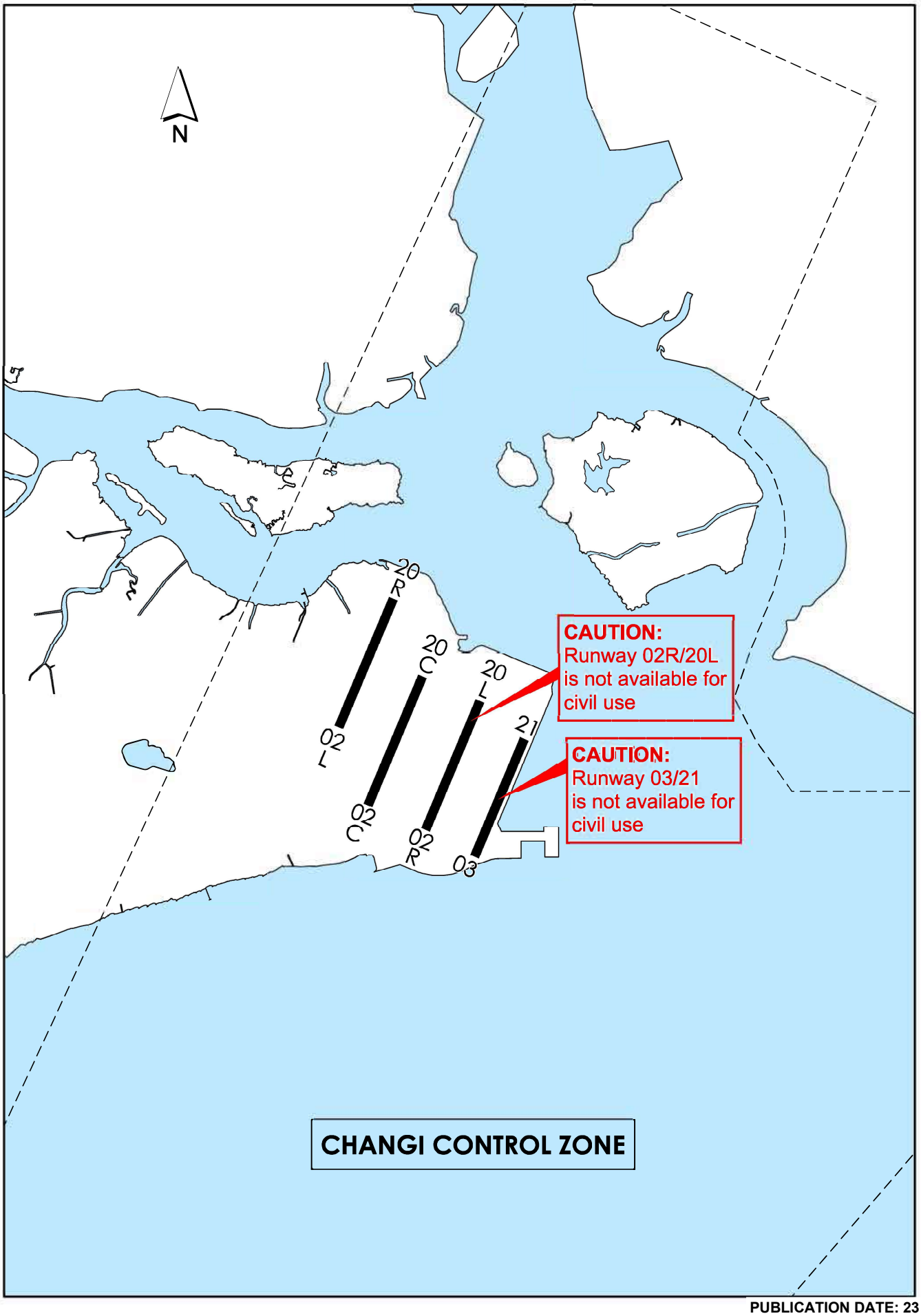
LOCATIONS OF WSAC RUNWAY 03/21 AND WSSS RUNWAY 02L/20R, RUNWAY 02C/20C AND RUNWAY 02R/20L



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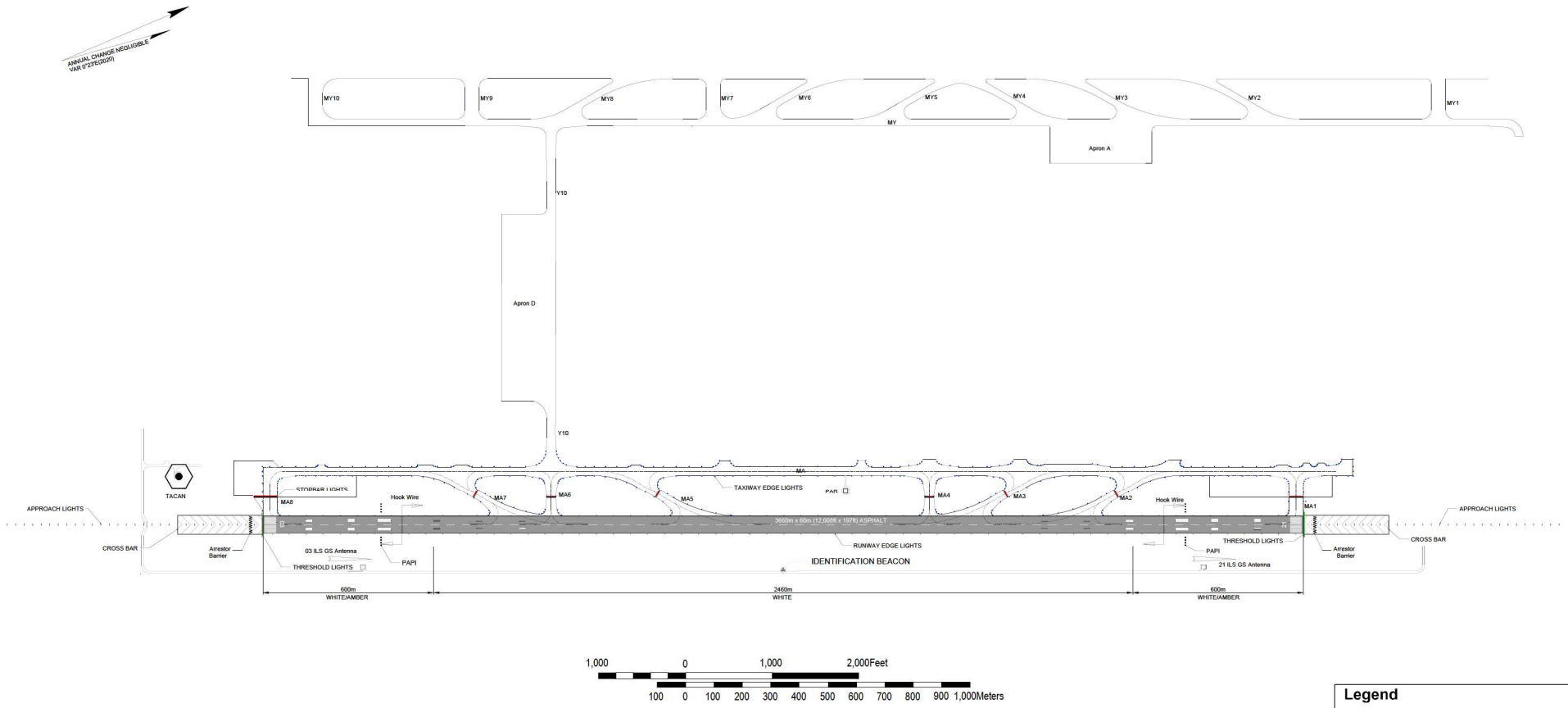
AERODROME CHART - WSAC CHANGI (RSAF)



Legend	
WWWW	Arrestor Barrier
	Hook Wire

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