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**AIRAC AIP SUP
16/26**

**Effective Date: 16 APR 2026
to 01 JUL 2027**
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**PENANG INTERNATIONAL AIRPORT (WMKP)
UPGRADING AND EXPANSION OF PENANG INTERNATIONAL AIRPORT,
AIRSIDE FACILITIES - PAVEMENT WORKS AND OTHER ASSOCIATED WORKS.
WORK SCHEDULE AND MOVEMENT AREAS RESTRICTIONS.**

1 INTRODUCTION

- 1.1 The Penang International Airport is currently undergoing an upgrade program. This involves the expansion of the main apron, rehabilitation of the existing apron taxiway, introduction of a new helicopter apron, and introduction of a new aircraft stand taxilane L, new helicopter stand taxilane M and new aircraft stand taxilane N.
- 1.2 The following temporary changes concerning Penang Aerodrome (WMKP) is taking place due to upgrading works from 1st March 2025 until 1st July 2027. This project is structured into for distinct phases. A comprehensive breakdown of the specifics for each phase can be found in the table provided below:

	Phase	Start Date	Finish Date
1	Phase 1 (Wide Body Bay)	01 st MAR 2025	11 th OCT 2025
2	Phase 2 (Apron Expansion)	01 st APR 2025	31 st MAR 2026
3	Phase 3 (Apron Taxiway Rehabilitation Works)	01 st APR 2026	22 nd JUN 2027
4	Phase 4 (Realignment Apron Taxiway)	23 rd JUN 2027	01 st JUL 2027

- 1.3 The working areas for the rehabilitation exercise are detailed in the remarks.

a) APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron surface and strength	Bay 1L, Bay 1, Bay 1R, Bay 2, Bay 3, Bay 5, Bay 8, Bay 11 Surface: Concrete (Rigid) Strength: PCR 1360 / R / D / W / U Bay 4, Bay 5L, Bay 5R, Bay 6, Bay 7, Bay 8L, Bay 8R Surface: Concrete (Rigid) Strength: PCR 685 / R / C / W / U Bay 3R, Bay 9, Bay 10, Bay 11L, Bay 11R Surface: Concrete (Rigid) Strength: PCR 704 / R / D / W / U Bay 3L, Bay 2L, Bay 2R Surface: Concrete (Rigid) Strength: PCR 157 / R / D / W / U
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		<p>Bay A1, Bay A2, Bay A3, Bay A4, Bay A5, Bay A6</p> <p>Surface: Concrete (Rigid) Strength: PCR 1250 / R / C / W / T</p> <p>Bay H1, Bay A7</p> <p>Surface: Concrete (Rigid) Strength: PCR 160 / R / C / W / T</p> <p>Bay 12, Bay 12L, Bay 12R, Bay 13, Bay 14, Bay 15L, Bay 15, Bay 15R, Bay 16, Bay 16L, Bay 17, Bay 18, Bay 19</p> <p>Surface: Concrete (Rigid) Strength: PCR 1250 / R / C / W / T</p> <p>Bay C1</p> <p>Surface: Concrete (Rigid) Strength: PCR 800 / R / C / W / U</p> <p>Bay C2 and Bay C3</p> <p>Surface: Concrete (Rigid) Strength: PCR 715 / R / B / W / U</p>
2	Taxiway width, surface and strength	<p>Taxiway A and Taxiway E</p> <p>Width: 23 m Surface: Asphalt (Flexible) Strength: PCR 577 / F / A / W / U</p> <p>Taxiway A/04</p> <p>Width: 30 m Surface: Concrete (Rigid) and Asphalt (Flexible) Strength: PCR 787 / R / A / W / U and PCR 577 / F / A / W / U</p> <p>Taxiway A/22</p> <p>Width: 30 m Surface: Asphalt (Flexible) Strength: PCR 577 / F / A / W / U</p> <p>Taxiway B</p> <p>Width: 34 m Surface: Concrete (Rigid) and Asphalt (Flexible) Strength: PCR 643 / R / A / W / U and PCR 481 / R / A / W / U</p> <p>Taxiway C</p> <p>Width: 23 m Surface: Asphalt (Flexible) Strength: PCR 481 / F / A / W / U</p> <p>Taxiway D</p> <p>Width: 34 m Surface: Asphalt (Flexible) Strength: PCR 481 / F / A / W / U</p> <p>Taxiway F</p> <p>Width: 31 m Surface: Asphalt (Flexible) Strength: PCR 577 / F / A / W / U</p>

		<p>Taxiway G Width: 32 m Surface: Asphalt (Flexible) Strength: PCR 577 / F / A / W / U</p> <p>Taxiway H Width: 42 m Surface: Concrete (Rigid) Strength: PCR 1250 / R / C / W / T</p> <p>Taxiway J Width: 25 m Surface: Concrete (Rigid) Strength: PCR 715 / R / B / W / U</p> <p>Aircraft Stand Taxilane J1 Width: 25 m Surface: Concrete (Rigid) Strength: PCR 715 / R / B / W / U</p> <p>Apron Taxiway K Width: 24 m Surface: Concrete (Rigid) Strength: PCR 1250 / R / C / W / T</p> <p>New Aircraft Stand Taxilane L Width: 24 m Surface: Concrete (Rigid) Strength: PCR 1250 / R / C / W / T</p> <p>New Helicopter Stand Taxilane M Width: 13 m Surface: Concrete (Rigid) Strength: PCR 160 / R / C / W / T</p> <p>New Aircraft Stand Taxilane N Width: 20 m Surface: Concrete (Rigid) Strength: PCR 160 / R / C / W / T</p>
6	Remarks	<p>PHASE 1 (WIDE BODY BAY)</p> <ul style="list-style-type: none"> • Permanent closure Apron Bay A9, H1 and H2 effective from 1st March 2025. • Temporary closure Taxiway E effective from 1st March 2025 till 11th October 2025 EST. <p>PHASE 2 (APRON EXPANSION)</p> <ul style="list-style-type: none"> • Permanent closure Apron Bay B9 effective from 13th October 2025. • Temporary closure Taxiway H effective from 13th October 2025 till 31st March 2026 EST. • New Bay 1L and 1 effective from 11th October 2025. • New Apron Bay 15L, 15, 15R, 16, 16R, 17, 18 and 19 effective from 31st March 2026. • Permanent closure Existing Aircraft Stand Taxilane L effective from 31st March 2026. • New Aircraft Stand Taxilane L effective from 31st March 2026.

		<p>PHASE 3 (APRON TAXIWAY REHABILITATION WORKS)</p> <ul style="list-style-type: none"> • New Helicopter Apron H1 effective from 30th April 2026. • New Helicopter Stand Taxilane M effective from 30th April 2026. • New Aircraft Stand Taxilane N effective from 30th April 2026. • Permanent closure Apron Bay B2, B4, B6, B5 and B7 effective from 1st April 2026. • New Apron Bay 12L,12, 12R, 11L,11 and 11R effective from 20th May 2026. • Temporary closure Apron Bay, A5, A4L, and A4, effective from 21st May 2026 until 19th August 2026. • Temporary closure Apron Bay A4R, A4, and A3, effective from 20th August 2026 till 20th November 2026. • Temporary closure Taxiway G effective from 21st November 2026 till 25th February 2027 EST. • Temporary closure Apron Bay A2, A1L, A1R, A1, B1 and B3 effective from 21st November 2026 till 25th February 2027. • Temporary closure Apron Bay A6L, A6, A6R, A7L, A7, A7R, A1, and A8 effective from 26th February 2027 till 22nd June 2027. • Temporary closure Taxiway F effective from 26th February 2027 till 22nd June 2027 EST. <p>PHASE 4 (REALIGNMENT APRON TAXIWAY)</p> <ul style="list-style-type: none"> • Reconfiguration of existing aircraft bay A5, A4L, A4, A4R, A3, A2, A1L, A1, A1R, B1, B3, A6L, A6, A6R, A7L, A7, A7R, A1 and A8 with new aircraft bay 1R, 2L, 2, 2R, 3L, 3, 3R, 4, 5L, 5, 5R, 6, 7, 8L, 8, 8R, 9, 10, 13, 14, A1, A2, A3, A4, A5 and A6 effective from 23rd June 2027 - 1st July 2027. • New aircraft bay A7 next to Helicopter Apron Bay H1 will open effectively on 1st July 2027. • Existing Apron Taxiway K centreline to be relocate to new location effectively on 1st July 2027.
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b) SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKING

	Remarks	<ol style="list-style-type: none"> 1. Taxiway lights not available for: <ul style="list-style-type: none"> • Taxiway E effective from 1st March 2025 till 11th October 2025 EST. • Taxiway F effective from 26th February 2027 till 22nd June 2027 EST. • Taxiway G effective from 21st November 2026 till 25th February 2027 EST. • Taxiway H effective from 13th October 2025 till 31st March 2026 EST. 2. Visual docking and guidance system will be permanently removed for: <ul style="list-style-type: none"> • Bay B5 and B7 effective from 1st April 2026 EST. • Bay A5, A4L, A4, A4R, A4, A3, A2, A1L, A1R, A1, B1, B3, A6L, A6 and A6R effective from 26th February 2027 EST.
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		<p>3. New visual docking and guidance system for:</p> <ul style="list-style-type: none"> Bay 15L, 15, 15R, 16R, 16, 17, 18, 19, 11L, 11, 11R, 4, 5L, 5R, 5, 6, 7, 8L, 8, 8R, 9, 10, 12L, 12, 12R, 3L, 3, 3R, 13 and 14 effective from 1st July 2027 EST.
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c) AERODROME OBSTACLES

OBST ID/ Designation	OBST Type	OBST Position	ELEV/ HGT	Markings/ Type, Colour	Remarks
PC-1	Piling Crane	051719.48N 1001554.18E	4 m/19 m	Marked/ LIM R	Piling machine reach 19 m. Obstacle in position effective from 1 st March 2025 till 19th August 2025 EST.
PC-2	Piling Crane	051731.61N 1001604.53E	4 m/19 m	Marked/ LIM R	Piling machine reach 19 m. Obstacle in position effective from 11 th March 2026 till 5 th November 2026 EST.
PC-3	Piling Crane	051733.11N 1001607.39E	4 m/19 m	Marked/ LIM R	Piling machine reach 19 m. Obstacle in position effective from 20 th August 2025 till 21 st January 2026 EST.
PC-4	Piling Crane	051723.78N 1001559.06E	4 m/19 m	Marked/ LIM R	Piling machine reach 19 m. Obstacle in position effective from 21 st June 2025 till 6 th February 2026 EST.
PC-5	Piling Crane	051742.61N 1001612.47E	4 m/19 m	Marked/ LIM R	Piling machine reach 19 m. Obstacle in position effective from 6 th May 2025 till 18 th November 2026 EST.
PC-6	Piling Crane	051741.07N 1001606.80E	4 m/19 m	Marked/ LIM R	Piling machine reach 19 m. Obstacle in position effective from 30 th April 2025 till 6 th February 2026 EST.

d) OTHER LIGHTING, SECONDARY POWER SUPPLY

5	Remarks	Taxiway edge and centre line lights not available for: <ul style="list-style-type: none"> • Taxiway E effective from 1st March 2025 till 11th October 2025 EST. • Taxiway F effective from 26th February 2027 till 22nd June 2027 EST. • Taxiway G effective from 21st November 2026 till 25th February 2027 EST. • Taxiway H effective from 13th October 2025 till 31st March 2026 EST.
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1.4 Local traffic regulations (additional)

1.4.1 Taxiing to and from stands

- a) Aircraft movement will not be permitted in closed portions of the apron taxiway, parking bays and taxiways.
- b) The routes to be used by aircraft when taxiing entering or exiting from Apron will be specified by Air Traffic Control. The issuance by Air Traffic Control of a taxi route to an aircraft does not relieve the pilot-in-command of the responsibility to maintain separation with other aircraft on the movement area or to comply with Air Traffic Control directions intended to regulate aircraft movement.
- c) During the construction period, pilots are advised to be cautious of open excavation, workers, construction materials, and equipment, especially when taxiing on the Apron Taxiway near cordoned or barricaded areas where work is ongoing.

2 CONSTRUCTION WORKING HOURS FOR RUNWAY, TAXIWAYS AND APRON TAXIWAYS

2.1 PHASE 1: APRON TAXIWAY AT BAY A9 – A8 (WIDE BODY)

- 2.1.1 Construction works on the apron taxiway will be carried out in stages to minimize operational disruptions. At any given time, a maximum of 1 (one) aircraft bay will be unavailable.
- 2.1.2 Construction works will be conducted 24 hours a day within the closed areas.
- 2.1.3 Construction works on Taxiway E shoulders outside hoarding area and apron markings will be conducted during runway closure hours.

2.2 PHASE 2: APRON EXPANSION

- 2.2.1 Construction on Existing Bay B9 and Taxiway H will commence only after the completion of all construction work on the wide-body apron-taxiway areas from Bay A9. These areas will be closed during the construction period.
- 2.2.2 The new apron taxiway centreline from New Bay 1L and 1 will be temporarily re-aligned with the existing apron taxiway centreline.
- 2.2.3 Construction works will be carried out 24 hours a day in the closed Apron Expansion area.
- 2.2.4 Construction works for Taxiway H shoulder outside construction hoarding and apron marking will be carried out during runway closure hours.
- 2.2.5 The closure of Taxiway H will occur exclusively, effective from 13th October 2025 till 21st January 2026 EST.
- 2.2.6 The entire apron expansion works will be completed by 31st March 2026 EST.

2.3 PHASE 3: APRON TAXIWAY REHABILITATION WORKS

- 2.3.1 Taxiway rehabilitation works will commence from existing Bay B7 to Bay A6L and then continue from Bay A8 to Bay A7.

- 2.3.2 The taxiway closure will occur in phases, with the closure of Taxiway G starting from 21st November 2026 till 25th February 2027 EST and the closure of Taxiway F starting from 26th February 2027 till 22nd June 2027 EST.
- 2.3.3 Construction works for Taxiway F and G shoulder outside construction hoarding will be carried out during runway closure hours.
- 2.3.4 Apron marking will be carried out during runway closure hours.

2.4 PHASE 4: REALIGNMENT APRON TAXIWAY

- 2.4.1 All bay lead lines will be connected to the new apron taxiway centre line.
- 2.4.2 The centre line of the apron taxiway leading to all new aircraft bays will be realigned to match the new apron taxiway centre line.
- 2.4.3 Apron marking works will be carried out during runway closure hours.

3 CONTACT

- 3.1 Any information and queries to contact:
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4 VALIDITY

- 4.1 This AIRAC AIP Supplement supersedes **AIRAC AIP SUP 01/26** and will remain in force until **1st July 2027 EST**. Any updates, changes, or cancellation to this supplement will be notified through NOTAM.

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