

Phone: +662 568 8831  
Fax: +662 576 1903  
AFTN: VTBAYOYX  
E-mail: aisthai@caat.or.th  
ais@caat.or.th

**THE CIVIL AVIATION AUTHORITY OF THAILAND**  
**Aeronautical Information Management Department**  
**222 Soi Vibhavadi Rangsit 28,**  
**Vibhavadi Rangsit Rd., Chatuchak,**  
**Chatuchak, Bangkok 10900 Thailand**

**AIRAC AIP - THAILAND**  
**Amendment 11/25**  
**18 SEP 25**

This AIRAC AIP AMDT 11/25 contains:

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1.

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|         | 0.4-6      | 2 OCT 2025  |        | 0.4-6      | 30 OCT 2025 |
|         | 0.4-7      | 2 OCT 2025  |        | 0.4-7      | 30 OCT 2025 |
|         | 0.4-8      | 2 OCT 2025  |        | 0.4-8      | 30 OCT 2025 |
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|         | 3.2-4      | 2 OCT 2025  |        | 3.2-4      | 30 OCT 2025 |
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|         | 3.2-6      | 2 OCT 2025  |        | 3.2-6      | 30 OCT 2025 |
|         | 3.2-7      | 2 OCT 2025  |        | 3.2-7      | 30 OCT 2025 |
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|         | 3.3-3      | 10 JUL 2025 |        | 3.3-3      | 30 OCT 2025 |
|         | 3.3-4      | 10 JUL 2025 |        | 3.3-4      | 30 OCT 2025 |
|         | 3.3-5      | 10 JUL 2025 |        | 3.3-5      | 30 OCT 2025 |
|         | 3.3-6      | 10 JUL 2025 |        | 3.3-6      | 30 OCT 2025 |
|         | 3.3-7      | 10 JUL 2025 |        | 3.3-7      | 30 OCT 2025 |
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| 2-VTUK-1-3  | 17 APR 2025 | 2-VTUK-1-3  | 30 OCT 2025 |
| 2-VTUK-1-4  | 29 DEC 2022 | 2-VTUK-1-4  | 30 OCT 2025 |
| 2-VTUK-1-5  | 15 MAY 2025 | 2-VTUK-1-5  | 30 OCT 2025 |
| 2-VTUK-1-6  | 15 MAY 2025 | 2-VTUK-1-6  | 30 OCT 2025 |
| 2-VTUK-1-7  | 30 NOV 2023 | 2-VTUK-1-7  | 30 OCT 2025 |
| 2-VTUK-1-8  | 15 MAY 2025 | 2-VTUK-1-8  | 30 OCT 2025 |
| -           | -           | 2-VTUK-1-9  | 30 OCT 2025 |
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| 2-VTCL-1-1  | 26 DEC 2024 | 2-VTCL-1-1  | 30 OCT 2025 |
| 2-VTCL-1-11 | 20 MAR 2025 | 2-VTCL-1-11 | 30 OCT 2025 |
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| 2-VTUW-1-1  | 21 MAR 2024 | 2-VTUW-1-1  | 30 OCT 2025 |
| 2-VTSC-1-1  | 26 DEC 2024 | 2-VTSC-1-1  | 30 OCT 2025 |
| 2-VTSC-1-8  | 4 SEP 2025  | 2-VTSC-1-8  | 30 OCT 2025 |
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| 2-VTST-1-2  | 21 MAR 2024 | 2-VTST-1-2  | 30 OCT 2025 |
| 2-VTST-1-3  | 17 APR 2025 | 2-VTST-1-3  | 30 OCT 2025 |
| 2-VTST-1-4  | 7 OCT 2021  | 2-VTST-1-4  | 30 OCT 2025 |
| 2-VTST-1-5  | 10 JUL 2025 | 2-VTST-1-5  | 30 OCT 2025 |
| 2-VTST-1-6  | 10 JUL 2025 | 2-VTST-1-6  | 30 OCT 2025 |
| 2-VTST-1-7  | 21 MAR 2024 | 2-VTST-1-7  | 30 OCT 2025 |
| 2-VTST-2-1  | 17 JUN 2021 | 2-VTST-2-1  | 30 OCT 2025 |
| -           | -           | 2-VTST-2-3  | 30 OCT 2025 |
| 2-VTSY-1-1  | 21 APR 2022 | 2-VTSY-1-1  | 30 OCT 2025 |
| 2-VTSY-1-7  | 10 JUL 2025 | 2-VTSY-1-7  | 30 OCT 2025 |
| 2-VTSY-2-1  | 21 APR 2022 | 2-VTSY-2-1  | 30 OCT 2025 |
| 2-VTSY-3-1  | 21 APR 2022 | 2-VTSY-3-1  | 30 OCT 2025 |

| DESTROY    |             | INSERT     |             |
|------------|-------------|------------|-------------|
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**2. Hand amendments**

NIL

**3. Record entry of AIRAC AMDT on the page GEN 0.2-1.**

**4. The following publications have been incorporated in this AIRAC AMDT:**

|         |        |
|---------|--------|
| AIP SUP | B22/24 |
| AIC     | NIL    |
| NOTAM   | NIL    |

- END -

| AIP AMENDMENT |                     |                  |                | AIRAC AIP AMENDMENT |                     |                   |                |
|---------------|---------------------|------------------|----------------|---------------------|---------------------|-------------------|----------------|
| NR/<br>Year   | Publication<br>date | Date<br>inserted | Inserted<br>by | NR/<br>Year         | Publication<br>date | Effective<br>date | Inserted<br>by |
|               |                     |                  |                | 3/25                | 06 FEB 2025         | 20 MAR 2025       |                |
|               |                     |                  |                | 4/25                | 06 MAR 2025         | 17 APR 2025       |                |
|               |                     |                  |                | 5/25                | 03 APR 2025         | 15 MAY 2025       |                |
|               |                     |                  |                | 6/25                | 01 MAY 2025         | 12 JUN 2025       |                |
|               |                     |                  |                | 7/25                | 29 MAY 2025         | 10 JULY 2025      |                |
|               |                     |                  |                | 8/25                | 26 JUN 2025         | 7 AUG 2025        |                |
|               |                     |                  |                | 9/25                | 24 JUL 2025         | 4 SEP 2025        |                |
|               |                     |                  |                | 10/25               | 21 AUG 2025         | 2 OCT 2025        |                |
|               |                     |                  |                | 11/25               | 18 SEP 2025         | 30 OCT 2025       |                |

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| <b>0.4-6</b>                  | <b>30 OCT 25</b> | 2.4-3         | 25 JAN 24        |                                |           |
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| 1.2-5                         | 20 MAR 25        | <b>3.2-4</b>  | <b>30 OCT 25</b> | 1.2-4                          | 28 DEC 23 |
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| 1.9-8        | 4 SEP 25         | 2.1-22        | 7 AUG 25  | 3.1-61 | 7 AUG 25  |
| 1.9-9        | 4 SEP 25         | 2.1-23        | 7 AUG 25  | 3.1-62 | 7 AUG 25  |
| 1.9-10       | 4 SEP 25         | 2.1-24        | 7 AUG 25  | 3.1-63 | 7 AUG 25  |
| 1.9-11       | 4 SEP 25         | 2.1-25        | 7 AUG 25  | 3.1-64 | 7 AUG 25  |
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| 1.10-25      | 2 OCT 25         | 3.1-17        | 7 AUG 25  | 3.3-16 | 2 NOV 23  |
| 1.10-26      | 2 OCT 25         | 3.1-18        | 7 AUG 25  | 3.3-17 | 7 AUG 25  |
| 1.10-27      | 2 OCT 25         | 3.1-19        | 7 AUG 25  | 3.3-18 | 7 AUG 25  |
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| 4.1-11        | 7 AUG 25  | 1.1-2                           | 28 JAN 21        | 2-VTBD-6-9  | 2 OCT 25  |
| 4.1-12        | 7 AUG 25  | 1.1-3                           | 26 DEC 24        | 2-VTBD-6-10 | 10 JUL 25 |
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| 5.1-8         | 7 AUG 25  | 2-VTBD-1-5                      | 7 AUG 25         | 2-VTBD-6-28 | 10 JUL 25 |
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| 5.1-11        | 7 AUG 25  | 2-VTBD-1-8                      | 7 AUG 25         | 2-VTBD-6-31 | 2 OCT 25  |
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| 2-VTSP-1-2  | 7 AUG 25  | 2-VTBS-1-4  | 28 NOV 24 | 2-VTBS-1-75 | 2 OCT 25  |
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| 2-VTSP-1-13                                       | 7 AUG 25  | 2-VTBS-1-15 | 17 APR 25 | 2-VTBS-2-3  | 15 MAY 25 |
| 2-VTSP-1-14                                       | 17 JUN 21 | 2-VTBS-1-16 | 7 AUG 25  | 2-VTBS-2-4  | 2 NOV 23  |
| 2-VTSP-1-15                                       | 7 AUG 25  | 2-VTBS-1-17 | 7 AUG 25  | 2-VTBS-2-5  | 2 NOV 23  |
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| 2-VTSP-1-19                                       | 7 AUG 25  | 2-VTBS-1-21 | 10 JUL 25 | 2-VTBS-3-5  | 4 SEP 25  |
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| 2-VTSP-6-2  | 10 JUL 25 | 2-VTBS-1-34 | 2 OCT 25  | 2-VTBS-6-10 | 2 OCT 25  |
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| 2-VTSP-6-6  | 10 JUL 25 | 2-VTBS-1-37 | 2 OCT 25  | 2-VTBS-6-13 | 2 OCT 25  |
| 2-VTSP-6-7  | 10 JUL 25 | 2-VTBS-1-38 | 2 OCT 25  | 2-VTBS-6-15 | 2 OCT 25  |
| 2-VTSP-6-8  | 10 JUL 25 | 2-VTBS-1-39 | 2 OCT 25  | 2-VTBS-6-16 | 10 JUL 25 |
| 2-VTSP-6-9  | 10 JUL 25 | 2-VTBS-1-40 | 2 OCT 25  | 2-VTBS-6-17 | 10 JUL 25 |
| 2-VTSP-7-1  | 20 MAY 21 | 2-VTBS-1-41 | 12 JUN 25 | 2-VTBS-6-18 | 2 OCT 25  |
| 2-VTSP-7-2  | 18 JUL 19 | 2-VTBS-1-42 | 12 JUN 25 | 2-VTBS-6-19 | 2 OCT 25  |
| 2-VTSP-7-3  | 18 JUL 19 | 2-VTBS-1-43 | 7 AUG 25  | 2-VTBS-6-20 | 2 OCT 25  |
| 2-VTSP-7-4  | 18 JUL 19 | 2-VTBS-1-44 | 7 AUG 25  | 2-VTBS-6-21 | 2 OCT 25  |
| 2-VTSP-7-5  | 18 JUL 19 | 2-VTBS-1-45 | 12 JUN 25 | 2-VTBS-6-22 | 2 OCT 25  |
| 2-VTSP-7-7  | 20 MAY 21 | 2-VTBS-1-46 | 7 AUG 25  | 2-VTBS-6-23 | 2 OCT 25  |
| 2-VTSP-7-8  | 18 JUL 19 | 2-VTBS-1-47 | 7 AUG 25  | 2-VTBS-6-24 | 2 OCT 25  |
| 2-VTSP-7-9  | 18 JUL 19 | 2-VTBS-1-48 | 7 AUG 25  | 2-VTBS-6-25 | 2 OCT 25  |
| 2-VTSP-7-10                                       | 18 JUL 19 | 2-VTBS-1-49 | 12 JUN 25 | 2-VTBS-6-26 | 2 OCT 25  |
| 2-VTSP-7-11                                       | 18 JUL 19 | 2-VTBS-1-50 | 12 JUN 25 | 2-VTBS-6-27 | 2 OCT 25  |
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| 2-VTSP-8-3  | 4 SEP 25  | 2-VTBS-1-52 | 12 JUN 25 | 2-VTBS-6-30 | 10 JUL 25 |
| 2-VTSP-8-5  | 4 SEP 25  | 2-VTBS-1-53 | 7 AUG 25  | 2-VTBS-6-31 | 10 JUL 25 |
| 2-VTSP-8-7  | 4 SEP 25  | 2-VTBS-1-54 | 7 AUG 25  | 2-VTBS-6-32 | 2 OCT 25  |
| 2-VTSP-8-9  | 4 SEP 25  | 2-VTBS-1-55 | 2 OCT 25  | 2-VTBS-6-33 | 2 OCT 25  |
| 2-VTSP-8-11                                       | 4 SEP 25  | 2-VTBS-1-56 | 2 OCT 25  | 2-VTBS-6-34 | 2 OCT 25  |
| 2-VTSP-8-12                                       | 4 SEP 25  | 2-VTBS-1-57 | 2 OCT 25  | 2-VTBS-6-35 | 2 OCT 25  |
| 2-VTSP-8-13                                       | 4 SEP 25  | 2-VTBS-1-58 | 2 OCT 25  | 2-VTBS-6-36 | 2 OCT 25  |
| 2-VTSP-8-14                                       | 4 SEP 25  | 2-VTBS-1-59 | 2 OCT 25  | 2-VTBS-6-37 | 2 OCT 25  |
| 2-VTSP-8-15                                       | 4 SEP 25  | 2-VTBS-1-60 | 2 OCT 25  | 2-VTBS-6-38 | 2 OCT 25  |
| 2-VTSP-8-16                                       | 4 SEP 25  | 2-VTBS-1-61 | 2 OCT 25  | 2-VTBS-6-39 | 2 OCT 25  |
| 2-VTSP-8-17                                       | 4 SEP 25  | 2-VTBS-1-62 | 2 OCT 25  | 2-VTBS-6-40 | 2 OCT 25  |
| 2-VTSP-8-19                                       | 4 SEP 25  | 2-VTBS-1-63 | 2 OCT 25  | 2-VTBS-6-41 | 2 OCT 25  |
| 2-VTSP-8-20                                       | 4 SEP 25  | 2-VTBS-1-64 | 2 OCT 25  | 2-VTBS-6-42 | 10 JUL 25 |
| 2-VTSP-8-21                                       | 4 SEP 25  | 2-VTBS-1-65 | 2 OCT 25  | 2-VTBS-6-43 | 10 JUL 25 |
|   |           | 2-VTBS-1-66 | 2 OCT 25  | 2-VTBS-6-44 | 2 OCT 25  |
|   |           | 2-VTBS-1-67 | 2 OCT 25  | 2-VTBS-6-45 | 2 OCT 25  |
|   |           | 2-VTBS-1-68 | 2 OCT 25  | 2-VTBS-6-46 | 2 OCT 25  |
|   |           | 2-VTBS-1-69 | 2 OCT 25  | 2-VTBS-6-47 | 2 OCT 25  |
|   |           | 2-VTBS-1-70 | 2 OCT 25  | 2-VTBS-6-48 | 2 OCT 25  |
|   |           | 2-VTBS-1-71 | 2 OCT 25  | 2-VTBS-6-49 | 2 OCT 25  |
| <b>BANGKOK/SUVARNABHUMI INTERNATIONAL AIRPORT</b> |           |             |           |             |           |

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| 2-VTBS-6-50  | 2 OCT 25  | 2-VTBS-6-124                         | 2 OCT 25  | 2-VTBU-2-1                   | 4 SEP 25         |
| 2-VTBS-6-51  | 2 OCT 25  | 2-VTBS-6-125                         | 2 OCT 25  | 2-VTBU-2-3                   | 4 SEP 25         |
| 2-VTBS-6-52  | 2 OCT 25  | 2-VTBS-6-126                         | 2 OCT 25  | 2-VTBU-2-4                   | 18 JUL 19        |
| 2-VTBS-6-53  | 2 OCT 25  | 2-VTBS-7-1                           | 2 OCT 25  | 2-VTBU-3-1                   | 4 SEP 25         |
| 2-VTBS-6-54  | 2 OCT 25  | 2-VTBS-7-2                           | 7 AUG 25  | 2-VTBU-6-1                   | 16 JUN 22        |
| 2-VTBS-6-55  | 2 OCT 25  | 2-VTBS-7-3                           | 7 AUG 25  | 2-VTBU-6-2                   | 18 JUL 19        |
| 2-VTBS-6-56  | 10 JUL 25 | 2-VTBS-7-4                           | 2 OCT 25  | 2-VTBU-6-3                   | 16 JUN 22        |
| 2-VTBS-6-57  | 10 JUL 25 | 2-VTBS-7-5                           | 2 OCT 25  | 2-VTBU-6-4                   | 18 JUL 19        |
| 2-VTBS-6-58  | 2 OCT 25  | 2-VTBS-7-6                           | 2 OCT 25  | 2-VTBU-8-1                   | 10 JUL 25        |
| 2-VTBS-6-59  | 2 OCT 25  | 2-VTBS-7-7                           | 2 OCT 25  | 2-VTBU-8-3                   | 16 JUN 22        |
| 2-VTBS-6-60  | 2 OCT 25  | 2-VTBS-7-8                           | 2 OCT 25  | 2-VTBU-8-4                   | 10 JUL 25        |
| 2-VTBS-6-61  | 2 OCT 25  | 2-VTBS-7-9                           | 2 OCT 25  | 2-VTBU-8-5                   | 23 MAR 23        |
| 2-VTBS-6-62  | 2 OCT 25  | 2-VTBS-7-10                          | 7 AUG 25  | 2-VTBU-8-6                   | 10 JUL 25        |
| 2-VTBS-6-63  | 2 OCT 25  | 2-VTBS-7-11                          | 2 OCT 25  | 2-VTBU-8-7                   | 16 JUN 22        |
| 2-VTBS-6-64  | 2 OCT 25  | 2-VTBS-7-12                          | 7 AUG 25  | 2-VTBU-8-8                   | 10 JUL 25        |
| 2-VTBS-6-65  | 2 OCT 25  | 2-VTBS-7-13                          | 7 AUG 25  | 2-VTBU-8-9                   | 14 JUL 22        |
| 2-VTBS-6-66  | 2 OCT 25  | 2-VTBS-7-14                          | 2 OCT 25  | 2-VTBU-8-10                  | 10 JUL 25        |
| 2-VTBS-6-67  | 2 OCT 25  | 2-VTBS-7-15                          | 2 OCT 25  | 2-VTBU-8-11                  | 16 JUN 22        |
| 2-VTBS-6-68  | 10 JUL 25 | 2-VTBS-7-16                          | 2 OCT 25  | 2-VTBU-8-12                  | 16 JUN 22        |
| 2-VTBS-6-69  | 10 JUL 25 | 2-VTBS-7-17                          | 2 OCT 25  | 2-VTBU-8-13                  | 16 JUN 22        |
| 2-VTBS-6-70  | 2 OCT 25  | 2-VTBS-7-18                          | 2 OCT 25  | 2-VTBU-8-14                  | 16 JUN 22        |
| 2-VTBS-6-71  | 2 OCT 25  | 2-VTBS-7-19                          | 2 OCT 25  |                              |                  |
| 2-VTBS-6-72  | 2 OCT 25  | 2-VTBS-7-20                          | 7 AUG 25  |                              |                  |
| 2-VTBS-6-73  | 2 OCT 25  | 2-VTBS-8-1                           | 2 OCT 25  | <b>SONGKHLA / HAT YAI</b>    |                  |
| 2-VTBS-6-74  | 2 OCT 25  | 2-VTBS-8-2                           | 4 SEP 25  | <b>INTERNATIONAL AIRPORT</b> |                  |
| 2-VTBS-6-75  | 2 OCT 25  | 2-VTBS-8-3                           | 10 JUL 25 | 2-VTSS-1-1                   | 7 AUG 25         |
| 2-VTBS-6-76  | 2 OCT 25  | 2-VTBS-8-5                           | 2 OCT 25  | 2-VTSS-1-2                   | <b>30 OCT 25</b> |
| 2-VTBS-6-77  | 2 OCT 25  | 2-VTBS-8-6                           | 4 SEP 25  | 2-VTSS-1-3                   | 7 AUG 25         |
| 2-VTBS-6-78  | 2 OCT 25  | 2-VTBS-8-7                           | 10 JUL 25 | 2-VTSS-1-4                   | 7 AUG 25         |
| 2-VTBS-6-79  | 2 OCT 25  | 2-VTBS-8-9                           | 2 OCT 25  | 2-VTSS-1-5                   | 7 AUG 25         |
| 2-VTBS-6-80  | 10 JUL 25 | 2-VTBS-8-10                          | 4 SEP 25  | 2-VTSS-1-6                   | 7 AUG 25         |
| 2-VTBS-6-81  | 2 OCT 25  | 2-VTBS-8-11                          | 10 JUL 25 | <b>2-VTSS-1-7</b>            | <b>30 OCT 25</b> |
| 2-VTBS-6-82  | 2 OCT 25  | 2-VTBS-8-13                          | 2 OCT 25  | <b>2-VTSS-1-8</b>            | <b>30 OCT 25</b> |
| 2-VTBS-6-83  | 2 OCT 25  | 2-VTBS-8-14                          | 4 SEP 25  | <b>2-VTSS-1-9</b>            | <b>30 OCT 25</b> |
| 2-VTBS-6-84  | 2 OCT 25  | 2-VTBS-8-15                          | 10 JUL 25 | 2-VTSS-1-10                  | 7 AUG 25         |
| 2-VTBS-6-85  | 2 OCT 25  | 2-VTBS-8-17                          | 2 OCT 25  | 2-VTSS-1-11                  | 7 AUG 25         |
| 2-VTBS-6-87  | 2 OCT 25  | 2-VTBS-8-18                          | 4 SEP 25  | 2-VTSS-1-12                  | 12 SEP 19        |
| 2-VTBS-6-88  | 10 JUL 25 | 2-VTBS-8-19                          | 2 OCT 25  | 2-VTSS-1-13                  | 12 SEP 19        |
| 2-VTBS-6-89  | 2 OCT 25  | 2-VTBS-8-20                          | 4 SEP 25  | <b>2-VTSS-1-14</b>           | <b>30 OCT 25</b> |
| 2-VTBS-6-90  | 2 OCT 25  | 2-VTBS-8-21                          | 2 OCT 25  | <b>2-VTSS-1-15</b>           | <b>30 OCT 25</b> |
| 2-VTBS-6-91  | 2 OCT 25  | 2-VTBS-8-22                          | 4 SEP 25  | <b>2-VTSS-1-16</b>           | <b>30 OCT 25</b> |
| 2-VTBS-6-92  | 2 OCT 25  | 2-VTBS-8-23                          | 2 OCT 25  | <b>2-VTSS-1-17</b>           | <b>30 OCT 25</b> |
| 2-VTBS-6-93  | 2 OCT 25  | 2-VTBS-8-24                          | 4 SEP 25  | <b>2-VTSS-1-18</b>           | <b>30 OCT 25</b> |
| 2-VTBS-6-95  | 2 OCT 25  | 2-VTBS-8-25                          | 2 OCT 25  | 2-VTSS-2-1                   | 7 AUG 25         |
| 2-VTBS-6-96  | 10 JUL 25 | 2-VTBS-8-26                          | 4 SEP 25  | 2-VTSS-2-3                   | 7 AUG 25         |
| 2-VTBS-6-97  | 2 OCT 25  | 2-VTBS-8-27                          | 2 OCT 25  | 2-VTSS-2-5                   | 7 AUG 25         |
| 2-VTBS-6-98  | 2 OCT 25  | 2-VTBS-8-28                          | 4 SEP 25  | 2-VTSS-3-1                   | 7 AUG 25         |
| 2-VTBS-6-99  | 2 OCT 25  | 2-VTBS-9-1                           | 28 NOV 24 | 2-VTSS-5-1                   | 20 FEB 25        |
| 2-VTBS-6-100 | 2 OCT 25  | 2-VTBS-9-2                           | 28 NOV 24 | 2-VTSS-6-1                   | 10 JUL 25        |
| 2-VTBS-6-101 | 2 OCT 25  | 2-VTBS-9-3                           | 28 NOV 24 | 2-VTSS-6-2                   | 10 JUL 25        |
| 2-VTBS-6-103 | 2 OCT 25  | 2-VTBS-9-5                           | 28 NOV 24 | 2-VTSS-6-3                   | 10 JUL 25        |
| 2-VTBS-6-104 | 10 JUL 25 | 2-VTBS-9-6                           | 28 NOV 24 | 2-VTSS-6-5                   | 10 JUL 25        |
| 2-VTBS-6-105 | 2 OCT 25  | 2-VTBS-9-7                           | 28 NOV 24 | 2-VTSS-6-6                   | 10 JUL 25        |
| 2-VTBS-6-106 | 2 OCT 25  | 2-VTBS-9-8                           | 28 NOV 24 | 2-VTSS-6-7                   | 10 JUL 25        |
| 2-VTBS-6-107 | 2 OCT 25  | 2-VTBS-9-9                           | 28 NOV 24 | 2-VTSS-6-8                   | 10 JUL 25        |
| 2-VTBS-6-108 | 2 OCT 25  | 2-VTBS-9-11                          | 28 NOV 24 | 2-VTSS-7-1                   | 10 JUL 25        |
| 2-VTBS-6-109 | 2 OCT 25  | 2-VTBS-9-12                          | 28 NOV 24 | 2-VTSS-7-2                   | 10 JUL 25        |
| 2-VTBS-6-110 | 2 OCT 25  | 2-VTBS-9-13                          | 15 MAY 25 | 2-VTSS-7-3                   | 10 JUL 25        |
| 2-VTBS-6-111 | 2 OCT 25  |                                      |           | 2-VTSS-7-5                   | 10 JUL 25        |
| 2-VTBS-6-112 | 10 JUL 25 | <b>RAYONG / U-TAPAO RAYONG</b>       |           | 2-VTSS-7-6                   | 10 JUL 25        |
| 2-VTBS-6-113 | 2 OCT 25  | <b>PATTAYA INTERNATIONAL AIRPORT</b> |           | 2-VTSS-7-7                   | 10 JUL 25        |
| 2-VTBS-6-114 | 2 OCT 25  | 2-VTBU-1-1                           | 4 SEP 25  | 2-VTSS-8-1                   | 10 JUL 25        |
| 2-VTBS-6-115 | 2 OCT 25  | 2-VTBU-1-2                           | 7 AUG 25  | 2-VTSS-8-2                   | 10 JUL 25        |
| 2-VTBS-6-116 | 2 OCT 25  | 2-VTBU-1-3                           | 7 AUG 25  | 2-VTSS-8-3                   | 10 JUL 25        |
| 2-VTBS-6-117 | 2 OCT 25  | 2-VTBU-1-4                           | 4 SEP 25  | 2-VTSS-8-4                   | 10 JUL 25        |
| 2-VTBS-6-118 | 2 OCT 25  | 2-VTBU-1-5                           | 7 AUG 25  | 2-VTSS-8-5                   | 10 JUL 25        |
| 2-VTBS-6-119 | 2 OCT 25  | 2-VTBU-1-6                           | 7 AUG 25  | 2-VTSS-8-6                   | 10 JUL 25        |
| 2-VTBS-6-120 | 10 JUL 25 | 2-VTBU-1-7                           | 23 JAN 25 | 2-VTSS-8-7                   | 16 MAY 24        |
| 2-VTBS-6-121 | 2 OCT 25  | 2-VTBU-1-8                           | 7 AUG 25  | 2-VTSS-8-8                   | 16 MAY 24        |
| 2-VTBS-6-122 | 2 OCT 25  | 2-VTBU-1-9                           | 7 AUG 25  | 2-VTSS-8-9                   | 10 JUL 25        |
| 2-VTBS-6-123 | 2 OCT 25  | 2-VTBU-1-10                          | 4 SEP 25  | 2-VTSS-8-11                  | 16 MAY 24        |
|              |           |                                      |           | 2-VTSS-8-12                  | 16 MAY 24        |



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| 2-VTBL-1-2  | 17 APR 25 |
| 2-VTBL-1-3  | 17 APR 25 |
| 2-VTBL-1-4  | 17 APR 25 |
| 2-VTBL-1-5  | 17 APR 25 |
| 2-VTBL-1-6  | 17 APR 25 |
| 2-VTBL-1-7  | 17 APR 25 |
| 2-VTBL-1-8  | 17 APR 25 |
| 2-VTBL-1-9  | 17 APR 25 |
| 2-VTBL-1-10 | 17 APR 25 |
| 2-VTBL-2-1  | 17 APR 25 |
| 2-VTBL-8-1  | 17 APR 25 |
| 2-VTBL-8-2  | 17 APR 25 |

**MAE HONG SON / MAE HONG SON AIRPORT**

|             |           |
|-------------|-----------|
| 2-VTCH-1-1  | 10 JUL 25 |
| 2-VTCH-1-2  | 13 JUN 24 |
| 2-VTCH-1-3  | 28 NOV 24 |
| 2-VTCH-1-4  | 13 JUN 24 |
| 2-VTCH-1-5  | 7 AUG 25  |
| 2-VTCH-1-6  | 8 AUG 24  |
| 2-VTCH-1-7  | 13 JUN 24 |
| 2-VTCH-1-8  | 20 FEB 25 |
| 2-VTCH-1-9  | 26 DEC 24 |
| 2-VTCH-1-10 | 8 AUG 24  |
| 2-VTCH-1-11 | 8 AUG 24  |
| 2-VTCH-1-12 | 2 OCT 25  |
| 2-VTCH-2-1  | 2 OCT 25  |
| 2-VTCH-6-1  | 20 FEB 25 |
| 2-VTCH-6-2  | 23 APR 20 |
| 2-VTCH-8-1  | 20 FEB 25 |
| 2-VTCH-8-2  | 20 FEB 25 |

**MAE HONG SON / PAI AIRPORT**

|            |           |
|------------|-----------|
| 2-VTCI-1-1 | 2 OCT 25  |
| 2-VTCI-1-2 | 12 SEP 19 |
| 2-VTCI-1-3 | 12 SEP 19 |
| 2-VTCI-1-4 | 12 SEP 19 |
| 2-VTCI-1-5 | 12 SEP 19 |
| 2-VTCI-1-6 | 12 SEP 19 |
| 2-VTCI-2-1 | 18 JUL 19 |

**NAKHON PATHOM/KAMPHAENG SAEN AIRPORT**

|            |           |
|------------|-----------|
| 2-VTBK-1-1 | 12 SEP 19 |
| 2-VTBK-1-2 | 12 SEP 19 |
| 2-VTBK-1-3 | 12 SEP 19 |
| 2-VTBK-1-4 | 12 SEP 19 |
| 2-VTBK-1-5 | 12 SEP 19 |
| 2-VTBK-1-6 | 12 SEP 19 |

**NAKHON PHANOM / NAKHON PHANOM AIRPORT**

|             |           |
|-------------|-----------|
| 2-VTUW-1-1  | 30 OCT 25 |
| 2-VTUW-1-2  | 21 MAR 24 |
| 2-VTUW-1-3  | 5 SEP 24  |
| 2-VTUW-1-4  | 17 APR 25 |
| 2-VTUW-1-5  | 4 SEP 25  |
| 2-VTUW-1-6  | 15 MAY 25 |
| 2-VTUW-1-7  | 15 MAY 25 |
| 2-VTUW-1-8  | 15 MAY 25 |
| 2-VTUW-1-9  | 21 MAR 24 |
| 2-VTUW-1-10 | 21 MAR 24 |
| 2-VTUW-1-11 | 4 SEP 25  |
| 2-VTUW-2-1  | 4 SEP 25  |
| 2-VTUW-8-1  | 15 MAY 25 |
| 2-VTUW-8-2  | 15 MAY 25 |
| 2-VTUW-8-3  | 15 MAY 25 |
| 2-VTUW-8-4  | 15 MAY 25 |
| 2-VTUW-8-5  | 15 MAY 25 |
| 2-VTUW-8-6  | 15 MAY 25 |

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| 2-VTUW-8-7  | 2 NOV 23  |
| 2-VTUW-8-8  | 8 SEP 22  |
| 2-VTUW-8-9  | 21 APR 22 |
| 2-VTUW-8-10 | 8 SEP 22  |

**NAKHON RATCHASIMA / NAKHON RATCHASIMA AIRPORT**

|             |           |
|-------------|-----------|
| 2-VTUQ-1-1  | 13 JUN 24 |
| 2-VTUQ-1-2  | 7 OCT 21  |
| 2-VTUQ-1-3  | 17 APR 25 |
| 2-VTUQ-1-4  | 23 MAR 23 |
| 2-VTUQ-1-5  | 15 MAY 25 |
| 2-VTUQ-1-6  | 15 MAY 25 |
| 2-VTUQ-1-7  | 15 MAY 25 |
| 2-VTUQ-1-8  | 15 MAY 25 |
| 2-VTUQ-2-1  | 23 MAR 23 |
| 2-VTUQ-2-2  | 23 MAR 23 |
| 2-VTUQ-6-1  | 21 APR 22 |
| 2-VTUQ-6-2  | 17 JUN 21 |
| 2-VTUQ-6-3  | 21 APR 22 |
| 2-VTUQ-6-4  | 17 JUN 21 |
| 2-VTUQ-6-5  | 17 JUN 21 |
| 2-VTUQ-8-1  | 15 MAY 25 |
| 2-VTUQ-8-3  | 15 MAY 25 |
| 2-VTUQ-8-5  | 15 MAY 25 |
| 2-VTUQ-8-7  | 15 MAY 25 |
| 2-VTUQ-8-9  | 21 APR 22 |
| 2-VTUQ-8-10 | 20 MAY 21 |
| 2-VTUQ-8-11 | 21 APR 22 |
| 2-VTUQ-8-12 | 20 MAY 21 |
| 2-VTUQ-9-1  | 17 JUN 21 |
| 2-VTUQ-9-2  | 17 JUN 21 |
| 2-VTUQ-9-3  | 17 JUN 21 |
| 2-VTUQ-9-4  | 17 JUN 21 |

**NAKHON RATCHASIMA / KHORAT AIRPORT**

|             |           |
|-------------|-----------|
| 2-VTUN-1-1  | 10 JUL 25 |
| 2-VTUN-1-2  | 10 JUL 25 |
| 2-VTUN-1-3  | 10 JUL 25 |
| 2-VTUN-1-4  | 10 JUL 25 |
| 2-VTUN-1-5  | 10 JUL 25 |
| 2-VTUN-1-6  | 10 JUL 25 |
| 2-VTUN-1-7  | 10 JUL 25 |
| 2-VTUN-1-8  | 10 JUL 25 |
| 2-VTUN-1-9  | 10 JUL 25 |
| 2-VTUN-1-10 | 10 JUL 25 |
| 2-VTUN-1-11 | 10 JUL 25 |
| 2-VTUN-1-12 | 10 JUL 25 |
| 2-VTUN-1-13 | 10 JUL 25 |
| 2-VTUN-2-1  | 18 JUL 19 |
| 2-VTUN-8-1  | 23 APR 20 |
| 2-VTUN-8-2  | 23 APR 20 |

**NAKHON SAWAN /NAKHON SAWAN AIRPORT**

|            |           |
|------------|-----------|
| 2-VTPN-1-1 | 16 JUL 20 |
| 2-VTPN-1-2 | 12 SEP 19 |
| 2-VTPN-1-3 | 12 SEP 19 |
| 2-VTPN-1-4 | 12 SEP 19 |
| 2-VTPN-1-5 | 12 SEP 19 |

**NAKHON SAWAN/TAKHLI AIRPORT**

|            |           |
|------------|-----------|
| 2-VTPI-1-1 | 12 SEP 19 |
| 2-VTPI-1-2 | 2 JAN 20  |
| 2-VTPI-1-3 | 12 SEP 19 |
| 2-VTPI-1-4 | 12 SEP 19 |
| 2-VTPI-1-5 | 12 SEP 19 |
| 2-VTPI-1-6 | 7 NOV 19  |
| 2-VTPI-2-1 | 18 JUL 19 |
| 2-VTPI-8-1 | 7 NOV 19  |

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| 2-VTPI-8-2  | 7 NOV 19 |
| 2-VTPI-8-3  | 7 NOV 19 |
| 2-VTPI-8-5  | 7 NOV 19 |
| 2-VTPI-8-6  | 7 NOV 19 |
| 2-VTPI-8-7  | 5 DEC 19 |
| 2-VTPI-8-8  | 7 NOV 19 |
| 2-VTPI-8-9  | 5 DEC 19 |
| 2-VTPI-8-10 | 5 DEC 19 |

**NAKHON SI THAMMARAT / NAKHON SI THAMMARAT AIRPORT**

|             |           |
|-------------|-----------|
| 2-VTSF-1-1  | 18 APR 24 |
| 2-VTSF-1-2  | 7 AUG 25  |
| 2-VTSF-1-3  | 7 AUG 25  |
| 2-VTSF-1-4  | 7 AUG 25  |
| 2-VTSF-1-5  | 7 AUG 25  |
| 2-VTSF-1-6  | 7 AUG 25  |
| 2-VTSF-1-7  | 7 AUG 25  |
| 2-VTSF-1-8  | 7 AUG 25  |
| 2-VTSF-1-9  | 7 AUG 25  |
| 2-VTSF-1-10 | 7 AUG 25  |
| 2-VTSF-1-11 | 7 AUG 25  |
| 2-VTSF-2-1  | 7 AUG 25  |
| 2-VTSF-2-3  | 7 AUG 25  |
| 2-VTSF-2-5  | 7 AUG 25  |
| 2-VTSF-3-1  | 7 AUG 25  |
| 2-VTSF-6-1  | 13 AUG 20 |
| 2-VTSF-6-2  | 18 JUL 19 |
| 2-VTSF-6-3  | 13 AUG 20 |
| 2-VTSF-6-4  | 18 JUL 19 |
| 2-VTSF-7-1  | 7 AUG 25  |
| 2-VTSF-8-1  | 10 JUL 25 |
| 2-VTSF-8-2  | 10 JUL 25 |
| 2-VTSF-8-3  | 10 JUL 25 |
| 2-VTSF-8-4  | 10 JUL 25 |
| 2-VTSF-8-5  | 10 JUL 25 |
| 2-VTSF-8-6  | 10 JUL 25 |
| 2-VTSF-8-7  | 10 JUL 25 |
| 2-VTSF-8-8  | 10 JUL 25 |
| 2-VTSF-8-9  | 10 JUL 25 |
| 2-VTSF-8-10 | 10 JUL 25 |
| 2-VTSF-8-11 | 15 JUL 21 |
| 2-VTSF-8-12 | 15 JUL 21 |
| 2-VTSF-8-13 | 15 JUL 21 |
| 2-VTSF-8-14 | 15 JUL 21 |

**NAKHON SI THAMMARAT / CHA - IAN AIRPORT**

|            |           |
|------------|-----------|
| 2-VTSN-1-1 | 18 JUL 19 |
| 2-VTSN-1-2 | 18 JUL 19 |
| 2-VTSN-1-3 | 18 JUL 19 |
| 2-VTSN-1-4 | 18 JUL 19 |
| 2-VTSN-1-5 | 18 JUL 19 |

**NAN / NAN NAKHON AIRPORT**

|            |           |
|------------|-----------|
| 2-VTCN-1-1 | 7 OCT 21  |
| 2-VTCN-1-2 | 7 OCT 21  |
| 2-VTCN-1-3 | 17 APR 25 |
| 2-VTCN-1-4 | 30 NOV 23 |
| 2-VTCN-1-5 | 15 MAY 25 |
| 2-VTCN-1-6 | 15 MAY 25 |
| 2-VTCN-1-7 | 15 MAY 25 |
| 2-VTCN-2-1 | 15 JUL 21 |
| 2-VTCN-8-1 | 26 DEC 24 |
| 2-VTCN-8-2 | 23 MAR 23 |
| 2-VTCN-8-3 | 26 DEC 24 |
| 2-VTCN-8-4 | 26 DEC 24 |
| 2-VTCN-8-5 | 26 DEC 24 |
| 2-VTCN-8-6 | 26 DEC 24 |
| 2-VTCN-8-7 | 26 DEC 24 |
| 2-VTCN-8-8 | 23 MAR 23 |



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| 2-VTUV-1-3                                 | 7 AUG 25  |  |           | 2-VTSM-1-1                   | 2 OCT 25  |
| 2-VTUV-1-4                                 | 7 AUG 25  |  |           | 2-VTSM-1-2                   | 7 AUG 25  |
| 2-VTUV-1-5                                 | 7 AUG 25  | <b>SONGKHLA / SONGKHLA AIRPORT</b>       |           | 2-VTSM-1-3                   | 7 AUG 25  |
| 2-VTUV-1-6                                 | 7 AUG 25  | 2-VTSH-1-1                               | 12 SEP 19 | 2-VTSM-1-4                   | 7 AUG 25  |
| 2-VTUV-1-7                                 | 7 AUG 25  | 2-VTSH-1-2                               | 12 SEP 19 | 2-VTSM-1-5                   | 7 AUG 25  |
| 2-VTUV-1-8                                 | 7 AUG 25  | 2-VTSH-1-3                               | 12 SEP 19 | 2-VTSM-1-6                   | 7 AUG 25  |
| 2-VTUV-1-9                                 | 7 AUG 25  | 2-VTSH-1-4                               | 12 SEP 19 | 2-VTSM-1-7                   | 7 AUG 25  |
| 2-VTUV-2-1                                 | 7 AUG 25  | 2-VTSH-1-5                               | 12 SEP 19 | 2-VTSM-1-8                   | 7 AUG 25  |
| 2-VTUV-6-1                                 | 21 APR 22 | 2-VTSH-2-1                               | 18 JUL 19 | 2-VTSM-1-9                   | 7 AUG 25  |
| 2-VTUV-6-2                                 | 16 JUL 20 |  |           | 2-VTSM-1-10                  | 2 OCT 25  |
| 2-VTUV-6-3                                 | 16 JUL 20 | <b>SUKHOTHAI / SUKHOTHAI AIRPORT</b>     |           | 2-VTSM-2-1                   | 2 OCT 25  |
| 2-VTUV-6-5                                 | 21 APR 22 | 2-VTPO-1-1                               | 11 JUL 24 | 2-VTSM-2-3                   | 2 OCT 25  |
| 2-VTUV-6-6                                 | 16 JUL 20 | 2-VTPO-1-2                               | 2 NOV 23  | 2-VTSM-2-5                   | 2 OCT 25  |
| 2-VTUV-6-7                                 | 16 JUL 20 | 2-VTPO-1-3                               | 2 NOV 23  | 2-VTSM-3-1                   | 2 OCT 25  |
| 2-VTUV-8-1                                 | 21 APR 22 | 2-VTPO-1-4                               | 2 NOV 23  | 2-VTSM-6-1                   | 18 JUN 20 |
| 2-VTUV-8-2                                 | 15 MAY 25 | 2-VTPO-1-5                               | 12 JUN 25 | 2-VTSM-6-2                   | 18 JUN 20 |
| 2-VTUV-8-3                                 | 21 APR 22 | 2-VTPO-1-6                               | 26 DEC 24 | 2-VTSM-6-3                   | 18 JUN 20 |
| 2-VTUV-8-4                                 | 15 MAY 25 | 2-VTPO-1-7                               | 2 NOV 23  | 2-VTSM-6-5                   | 18 JUN 20 |
| 2-VTUV-8-5                                 | 21 APR 22 | 2-VTPO-1-8                               | 20 MAR 25 | 2-VTSM-6-6                   | 18 JUN 20 |
| 2-VTUV-8-6                                 | 15 MAY 25 | 2-VTPO-2-1                               | 18 JUL 19 | 2-VTSM-6-7                   | 18 JUN 20 |
| 2-VTUV-8-7                                 | 21 APR 22 | 2-VTPO-2-3                               | 18 JUL 19 | 2-VTSM-8-1                   | 18 JUN 20 |
| 2-VTUV-8-8                                 | 16 JUL 20 | 2-VTPO-3-1                               | 18 JUL 19 | 2-VTSM-8-2                   | 10 JUL 25 |
| 2-VTUV-8-9                                 | 15 MAY 25 | 2-VTPO-6-1                               | 26 DEC 24 | 2-VTSM-8-3                   | 18 JUN 20 |
| 2-VTUV-8-10                                | 16 JUL 20 | 2-VTPO-6-2                               | 26 DEC 24 | 2-VTSM-8-4                   | 10 JUL 25 |
| 2-VTUV-8-11                                | 21 APR 22 | 2-VTPO-6-3                               | 26 DEC 24 | 2-VTSM-8-5                   | 18 JUN 20 |
| 2-VTUV-8-12                                | 20 MAY 21 | 2-VTPO-6-4                               | 26 DEC 24 | 2-VTSM-8-6                   | 10 JUL 25 |
| 2-VTUV-8-13                                | 20 MAY 21 | 2-VTPO-8-1                               | 20 MAR 25 | 2-VTSM-8-7                   | 18 JUN 20 |
| 2-VTUV-8-15                                | 21 APR 22 | 2-VTPO-8-3                               | 26 DEC 24 | 2-VTSM-8-8                   | 10 JUL 25 |
| 2-VTUV-8-16                                | 20 MAY 21 | 2-VTPO-8-4                               | 26 DEC 24 | 2-VTSM-8-9                   | 15 JUL 21 |
| 2-VTUV-8-17                                | 20 MAY 21 | 2-VTPO-8-5                               | 26 DEC 24 | 2-VTSM-8-10                  | 15 JUL 21 |
| 2-VTUV-9-1                                 | 21 APR 22 | 2-VTPO-8-7                               | 26 DEC 24 | 2-VTSM-8-11                  | 15 JUL 21 |
| 2-VTUV-9-2                                 | 21 APR 22 | 2-VTPO-8-8                               | 26 DEC 24 | 2-VTSM-8-13                  | 15 JUL 21 |
| 2-VTUV-9-3                                 | 21 APR 22 | 2-VTPO-8-9                               | 26 DEC 24 | 2-VTSM-8-14                  | 15 JUL 21 |
| 2-VTUV-9-4                                 | 21 APR 22 | 2-VTPO-8-10                              | 26 DEC 24 | 2-VTSM-8-15                  | 15 JUL 21 |
|  |           |  |           | 2-VTSM-8-17                  | 15 JUL 21 |
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|  |           |  |           | 2-VTSM-8-19                  | 15 JUL 21 |
| <b>SA KAEO / WATTHANA NAKHON AIRPORT</b>   |           | <b>SURAT THANI / SURAT THANI AIRPORT</b> |           | 2-VTSM-8-21                  | 15 JUL 21 |
| 2-VTBW-1-1                                 | 11 AUG 22 | 2-VTSB-1-1                               | 2 OCT 25  | 2-VTSM-8-22                  | 15 JUL 21 |
| 2-VTBW-1-2                                 | 7 AUG 25  | 2-VTSB-1-2                               | 2 OCT 25  | 2-VTSM-8-23                  | 15 JUL 21 |
| 2-VTBW-1-3                                 | 11 AUG 22 | 2-VTSB-1-3                               | 7 AUG 25  |                              |           |
| 2-VTBW-1-4                                 | 28 DEC 23 | 2-VTSB-1-4                               | 7 AUG 25  | <b>TAK / TAK AIRPORT</b>     |           |
| 2-VTBW-1-5                                 | 28 DEC 23 | 2-VTSB-1-5                               | 10 JUL 25 | 2-VTPT-1-1                   | 4 SEP 25  |
| 2-VTBW-1-6                                 | 28 DEC 23 | 2-VTSB-1-6                               | 7 AUG 25  | 2-VTPT-1-2                   | 4 SEP 25  |
|  |           | 2-VTSB-1-7                               | 7 AUG 25  | 2-VTPT-1-3                   | 2 OCT 25  |
|  |           | 2-VTSB-1-8                               | 2 OCT 25  | 2-VTPT-1-4                   | 2 OCT 25  |
| <b>SAKON NAKHON / SAKON NAKHON AIRPORT</b> |           | 2-VTSB-1-9                               | 7 AUG 25  | 2-VTPT-1-5                   | 4 SEP 25  |
| 2-VTUI-1-1                                 | 8 SEP 22  | 2-VTSB-2-1                               | 2 OCT 25  | 2-VTPT-1-6                   | 10 JUL 25 |
| 2-VTUI-1-2                                 | 7 OCT 21  | 2-VTSB-3-1                               | 2 OCT 25  | 2-VTPT-2-1                   | 18 JUL 19 |
| 2-VTUI-1-3                                 | 31 OCT 24 | 2-VTSB-6-1                               | 18 JUL 19 | 2-VTPT-6-1                   | 10 JUL 25 |
| 2-VTUI-1-4                                 | 15 JUN 23 | 2-VTSB-6-2                               | 18 JUL 19 | 2-VTPT-7-1                   | 10 JUL 25 |
| 2-VTUI-1-5                                 | 15 JUN 23 | 2-VTSB-6-3                               | 18 JUL 19 | 2-VTPT-8-1                   | 4 SEP 25  |
| 2-VTUI-1-6                                 | 15 JUN 23 | 2-VTSB-6-5                               | 30 JAN 20 | 2-VTPT-9-1                   | 10 JUL 25 |
| 2-VTUI-1-7                                 | 10 JUL 25 | 2-VTSB-6-6                               | 18 JUL 19 |                              |           |
| 2-VTUI-1-8                                 | 15 MAY 25 | 2-VTSB-6-7                               | 18 JUL 19 | <b>TAK / MAE SOT AIRPORT</b> |           |
| 2-VTUI-1-9                                 | 15 MAY 25 | 2-VTSB-6-8                               | 18 JUL 19 | 2-VTPM-1-1                   | 7 AUG 25  |
| 2-VTUI-1-10                                | 30 NOV 23 | 2-VTSB-7-1                               | 18 JUL 19 | 2-VTPM-1-2                   | 26 JAN 23 |
| 2-VTUI-1-11                                | 15 MAY 25 | 2-VTSB-7-2                               | 18 JUL 19 | 2-VTPM-1-3                   | 26 JAN 23 |
| 2-VTUI-2-1                                 | 31 OCT 24 | 2-VTSB-7-3                               | 18 JUL 19 | 2-VTPM-1-4                   | 26 JAN 23 |
| 2-VTUI-8-1                                 | 2 NOV 23  | 2-VTSB-7-5                               | 18 JUL 19 | 2-VTPM-1-5                   | 4 SEP 25  |
| 2-VTUI-8-2                                 | 15 MAY 25 | 2-VTSB-7-6                               | 18 JUL 19 | 2-VTPM-1-6                   | 26 JAN 23 |
| 2-VTUI-8-3                                 | 2 NOV 23  | 2-VTSB-7-7                               | 18 JUL 19 | 2-VTPM-1-7                   | 26 JAN 23 |
| 2-VTUI-8-4                                 | 15 MAY 25 | 2-VTSB-7-8                               | 18 JUL 19 | 2-VTPM-1-8                   | 26 DEC 24 |
| 2-VTUI-8-5                                 | 15 MAY 25 | 2-VTSB-8-1                               | 23 MAR 23 | 2-VTPM-1-9                   | 26 DEC 24 |
| 2-VTUI-8-6                                 | 15 MAY 25 | 2-VTSB-8-2                               | 23 MAR 23 | 2-VTPM-1-10                  | 26 DEC 24 |
| 2-VTUI-8-7                                 | 15 MAY 25 | 2-VTSB-8-3                               | 10 JUL 25 | 2-VTPM-2-1                   | 1 DEC 22  |
| 2-VTUI-8-8                                 | 15 MAY 25 | 2-VTSB-8-5                               | 23 MAR 23 | 2-VTPM-2-2                   | 1 DEC 22  |
| 2-VTUI-8-9                                 | 2 NOV 23  | 2-VTSB-8-6                               | 23 MAR 23 | 2-VTPM-2-3                   | 26 JAN 23 |
| 2-VTUI-8-10                                | 28 JAN 21 | 2-VTSB-8-7                               | 23 MAR 23 | 2-VTPM-2-4                   | 1 DEC 22  |
| 2-VTUI-8-11                                | 2 NOV 23  | 2-VTSB-8-8                               | 23 MAR 23 | 2-VTPM-2-5                   | 1 DEC 22  |
| 2-VTUI-8-12                                | 28 JAN 21 | 2-VTSB-9-1                               | 31 OCT 24 | 2-VTPM-2-6                   | 1 DEC 22  |
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|  |           | <b>SURAT THANI / SAMUI AIRPORT</b>       |           |                              |           |

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| 2-VTPM-6-1   | 26 DEC 24        | 2-VTUU-8-4                             | 10 JUL 25        | 2-VTSY-8-3                   | 29 DEC 22 |
| 2-VTPM-6-2   | 26 DEC 24        | 2-VTUU-8-5                             | 4 SEP 25         | 2-VTSY-8-4                   | 3 DEC 20  |
| 2-VTPM-7-1   | 26 DEC 24        | 2-VTUU-8-6                             | 4 SEP 25         |                              |           |
| 2-VTPM-7-2   | 26 DEC 24        | 2-VTUU-8-7                             | 4 SEP 25         | <b>KHON-KAEN / NAM PHONG</b> |           |
| 2-VTPM-8-1   | 26 DEC 24        | 2-VTUU-8-8                             | 4 SEP 25         | 2-VTUZ-1-1                   | 30 NOV 23 |
| 2-VTPM-8-2   | 26 DEC 24        | 2-VTUU-8-9                             | 4 SEP 25         | 2-VTUZ-1-2                   | 30 NOV 23 |
| 2-VTPM-8-3   | 26 DEC 24        | 2-VTUU-8-11                            | 7 AUG 25         | 2-VTUZ-1-3                   | 30 NOV 23 |
| 2-VTPM-8-4   | 26 DEC 24        | 2-VTUU-8-12                            | 10 JUL 25        | 2-VTUZ-1-4                   | 30 NOV 23 |
|  |                  | 2-VTUU-8-13                            | 7 AUG 25         | 2-VTUZ-1-5                   | 26 DEC 24 |
|  |                  | 2-VTUU-8-14                            | 10 JUL 25        | 2-VTUZ-1-6                   | 30 NOV 23 |
| <b>TRANG / TRANG AIRPORT</b>                       |                  |  |                  |                              |           |
| 2-VTST-1-1   | 7 OCT 21         | <b>UDON THANI / UDON THANI AIRPORT</b> |                  |                              |           |
| <b>2-VTST-1-2</b>                                  | <b>30 OCT 25</b> | 2-VTUD-1-1                             | 7 AUG 25         |                              |           |
| <b>2-VTST-1-3</b>                                  | <b>30 OCT 25</b> | 2-VTUD-1-2                             | 25 JAN 24        |                              |           |
| <b>2-VTST-1-4</b>                                  | <b>30 OCT 25</b> | 2-VTUD-1-3                             | 13 JUL 23        |                              |           |
| <b>2-VTST-1-5</b>                                  | <b>30 OCT 25</b> | 2-VTUD-1-4                             | 13 JUL 23        |                              |           |
| <b>2-VTST-1-6</b>                                  | <b>30 OCT 25</b> | 2-VTUD-1-5                             | 13 JUL 23        |                              |           |
| <b>2-VTST-1-7</b>                                  | <b>30 OCT 25</b> | 2-VTUD-1-6                             | 13 JUL 23        |                              |           |
| <b>2-VTST-2-1</b>                                  | <b>30 OCT 25</b> | 2-VTUD-1-7                             | 13 JUL 23        |                              |           |
| <b>2-VTST-2-3</b>                                  | <b>30 OCT 25</b> | 2-VTUD-1-8                             | 7 AUG 25         |                              |           |
| 2-VTST-8-1   | 10 JUL 25        | 2-VTUD-1-9                             | 15 MAY 25        |                              |           |
| 2-VTST-8-2   | 18 JUL 19        | 2-VTUD-1-10                            | 15 MAY 25        |                              |           |
| 2-VTST-8-3   | 10 JUL 25        | 2-VTUD-1-11                            | 28 NOV 24        |                              |           |
| 2-VTST-8-4   | 18 JUL 19        | 2-VTUD-1-12                            | 28 NOV 24        |                              |           |
| 2-VTST-8-5   | 15 JUN 23        | 2-VTUD-1-13                            | 15 MAY 25        |                              |           |
| 2-VTST-8-6   | 3 DEC 20         | 2-VTUD-2-1                             | 21 APR 22        |                              |           |
|  |                  | 2-VTUD-2-3                             | 13 JUN 24        |                              |           |
| <b>TRAT (KHAO SMING) / TRAT AIRPORT</b>            |                  | 2-VTUD-6-1                             | 21 APR 22        |                              |           |
| 2-VTBO-1-1   | 17 APR 25        | 2-VTUD-6-2                             | 28 JAN 21        |                              |           |
| 2-VTBO-1-2   | 17 APR 25        | 2-VTUD-6-3                             | 28 JAN 21        |                              |           |
| 2-VTBO-1-3   | 17 APR 25        | 2-VTUD-6-5                             | 21 APR 22        |                              |           |
| 2-VTBO-1-4   | 17 APR 25        | 2-VTUD-6-6                             | 28 JAN 21        |                              |           |
| 2-VTBO-1-5   | 10 JUL 25        | 2-VTUD-6-7                             | 28 JAN 21        |                              |           |
| 2-VTBO-1-6   | 10 JUL 25        | 2-VTUD-7-1                             | 21 APR 22        |                              |           |
| 2-VTBO-1-7   | 17 APR 25        | 2-VTUD-7-2                             | 28 JAN 21        |                              |           |
| 2-VTBO-2-1   | 17 APR 25        | 2-VTUD-7-3                             | 28 JAN 21        |                              |           |
| 2-VTBO-3-1   | 17 APR 25        | 2-VTUD-7-5                             | 21 APR 22        |                              |           |
| 2-VTBO-6-1   | 17 APR 25        | 2-VTUD-7-6                             | 28 JAN 21        |                              |           |
| 2-VTBO-7-1   | 17 APR 25        | 2-VTUD-7-7                             | 28 JAN 21        |                              |           |
| 2-VTBO-8-1   | 23 MAR 23        | 2-VTUD-8-1                             | 15 MAY 25        |                              |           |
| 2-VTBO-8-2   | 15 JUL 21        | 2-VTUD-8-2                             | 15 MAY 25        |                              |           |
| 2-VTBO-9-1   | 17 APR 25        | 2-VTUD-8-3                             | 11 JUL 24        |                              |           |
|  |                  | 2-VTUD-8-4                             | 15 MAY 25        |                              |           |
| <b>UBON RATCHATHANI / UBON RATCHATHANI AIRPORT</b> |                  | 2-VTUD-8-5                             | 11 JUL 24        |                              |           |
| 2-VTUU-1-1   | 10 JUL 25        | 2-VTUD-8-6                             | 15 MAY 25        |                              |           |
| 2-VTUU-1-2   | 10 JUL 25        | 2-VTUD-8-7                             | 25 MAR 21        |                              |           |
| 2-VTUU-1-3   | 10 JUL 25        | 2-VTUD-8-8                             | 25 MAR 21        |                              |           |
| 2-VTUU-1-4   | 13 JUN 24        | 2-VTUD-8-9                             | 15 MAY 25        |                              |           |
| 2-VTUU-1-5   | 13 JUN 24        | 2-VTUD-8-11                            | 25 MAR 21        |                              |           |
| 2-VTUU-1-6   | 10 JUL 25        | 2-VTUD-8-12                            | 25 MAR 21        |                              |           |
| 2-VTUU-1-7   | 10 JUL 25        | 2-VTUD-8-13                            | 25 MAR 21        |                              |           |
| 2-VTUU-1-8   | 28 NOV 24        | 2-VTUD-8-14                            | 25 MAR 21        |                              |           |
| 2-VTUU-1-9   | 4 SEP 25         |  |                  |                              |           |
| 2-VTUU-1-10  | 4 SEP 25         | <b>YALA/BETONG AIRPORT</b>             |                  |                              |           |
| 2-VTUU-1-11  | 13 JUN 24        | <b>2-VTSY-1-1</b>                      | <b>30 OCT 25</b> |                              |           |
| 2-VTUU-1-12  | 13 JUN 24        | 2-VTSY-1-2                             | 21 MAY 20        |                              |           |
| 2-VTUU-1-13  | 4 SEP 25         | 2-VTSY-1-3                             | 21 APR 22        |                              |           |
| 2-VTUU-2-1   | 10 JUL 25        | 2-VTSY-1-4                             | 17 APR 25        |                              |           |
| 2-VTUU-2-3   | 10 JUL 25        | 2-VTSY-1-5                             | 21 APR 22        |                              |           |
| 2-VTUU-2-5   | 10 JUL 25        | 2-VTSY-1-6                             | 10 JUL 25        |                              |           |
| 2-VTUU-6-1   | 7 AUG 25         | <b>2-VTSY-1-7</b>                      | <b>30 OCT 25</b> |                              |           |
| 2-VTUU-6-2   | 10 JUL 25        | 2-VTSY-1-8                             | 10 JUL 25        |                              |           |
| 2-VTUU-6-3   | 7 AUG 25         | <b>2-VTSY-2-1</b>                      | <b>30 OCT 25</b> |                              |           |
| 2-VTUU-6-4   | 10 JUL 25        | <b>2-VTSY-3-1</b>                      | <b>30 OCT 25</b> |                              |           |
| 2-VTUU-7-1   | 4 SEP 25         | <b>2-VTSY-3-3</b>                      | <b>30 OCT 25</b> |                              |           |
| 2-VTUU-7-2   | 10 JUL 25        | 2-VTSY-6-1                             | 29 DEC 22        |                              |           |
| 2-VTUU-7-3   | 7 AUG 25         | 2-VTSY-6-2                             | 3 DEC 20         |                              |           |
| 2-VTUU-7-4   | 10 JUL 25        | 2-VTSY-6-3                             | 29 DEC 22        |                              |           |
| 2-VTUU-8-1   | 7 AUG 25         | 2-VTSY-6-4                             | 3 DEC 20         |                              |           |
| 2-VTUU-8-2   | 10 JUL 25        | 2-VTSY-8-1                             | 29 DEC 22        |                              |           |

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## GEN 1.7 DIFFERENCES FROM ICAO STANDARDS, RECOMMENDED PRACTICES AND PROCEDURES

| <b>Annex 1 – Personnel Licensing<br/>14th Edition, Amendment 179</b>   |   |
|--|---|
| <b>Chapter 1</b>   | <b>Definitions and General Rules Concerning Licences</b>  |
| 1.2.4.1  | <p>(1) Thailand has four classes of medical assessment which are Class 1 Medical Certificate for</p> <ul style="list-style-type: none"> <li>a) Multi-crew Pilot Licence - Aeroplane;</li> <li>b) Commercial Pilot Licence - aeroplane, helicopter, and airship;</li> <li>c) Air Transport Pilot Licence – aeroplane, helicopters;</li> <li>d) Student Remote Pilot licence;</li> <li>e) Remote Pilot Licence - aeroplane, airship glider, rotorcraft, powered-lift, balloon</li> </ul> <p>(2) Class 2 Medical Certificate for</p> <ul style="list-style-type: none"> <li>a) Student Pilots Licence;</li> <li>b) Private Pilot Licence – aeroplane, helicopter, airship;</li> <li>c) Glider Pilot Licence;</li> <li>d) Free Balloon Pilot Licence;</li> <li>e) Light Aircraft Pilot Licence - aeroplane, helicopter, glider, balloon</li> </ul> <p>(3) Class 3 Medical Certificate for</p> <ul style="list-style-type: none"> <li>a) Student Remote Pilot Licence;</li> <li>b) Remote Pilot Licence – aeroplane, airship, glider, rotorcraft, power-lifted, ballon;</li> <li>c) Student Air Traffic Controller Licence;</li> <li>d) Air Traffic Controller Licence</li> </ul> <p>(4) Class 4 Medical Certificate for</p> <ul style="list-style-type: none"> <li>a) Ultralight Aircraft Pilot Licence;</li> <li>b) Ultralight Aircraft Pilot Licence</li> </ul> |
| <b>Chapter 2</b>   | <b>Licences and Ratings for Pilots and Remote Pilots</b>  |
| 2.1.10   | Pilot Licence for Balloon and Glider are allowed to perform duties as a pilot in commercial air transport until they have attained their 70th birthday  |
| <b>Chapter 6</b>   | <b>Medical Provisions for Licensing</b>   |
| 6.3.2.6.1  | For class 1 medical certificate: ECG shall be included every year (revalidation and renewal) and every 6 months for applicant over the age of 60.   |
| 6.5.2.6.1  | For class 3 medical certificate: ECG shall be included every 2 year (revalidation and renewal) and every year for applicant over the age of 50.   |
| 6.5.2.9  | Chest radiography shall be required at initial, revalidation or renewal examinations.   |
| <b>Annex 2 Rules of the Air<br/>11th Edition, Amendment 48</b>   |   |
| <b>Chapter 3</b>   | <b>General Rules</b>  |
| 3.3.1.2  | A flight plan shall be submitted for the operation of any flight in the Bangkok FIR.  |
| <b>Annex 3 Meteorological Service for International Air Navigation<br/>20th Edition, Amendment 81</b>                              |   |
| NIL  |   |
| <b>Annex 4 Aeronautical Charts<br/>11th Edition, Amendment 62</b>  |   |
| NIL  |   |
| <b>Annex 5 Units of Measurement to be used in Air and Ground Operations<br/>5th Edition, Amendment 17</b>                          |   |
| NIL  |   |
| <b>Annex 6 Operation of Aircraft - Part I - International Commercial Air Transport - Aeroplanes<br/>12th Edition, Amendment 49</b> |   |
| <b>Chapter 13</b>  | <b>Security</b>   |

|   |  |
|---|--|
| <b>Annex 6 Operation of Aircraft - Part I - International Commercial Air Transport - Aeroplanes<br/>12th Edition, Amendment 49</b>                      |  |
| 13.2.3  | Thailand has established (AOCR), Section 26, states that the flight crew compartment door " shall be closed and locked form the time that the first passenger gets inside the aircraft to the time that the last passenger gets outside the aircraft". |
| <b>Annex 6 Operation of Aircraft - Part II - International General Aviation - Aeroplanes<br/>5th Edition, Amendment 41</b>                              |  |
| NIL   |  |
| <b>Annex 6 Operation of Aircraft - Part III - International Operations - Helicopters<br/>11th Edition, Amendment 25</b>                                 |  |
| NIL   |  |
| <b>Annex 7 Aircraft Nationality and Registration Marks<br/>6th Edition, Amendment 7</b>   |  |
| NIL   |  |
| <b>Annex 8 Airworthiness of Aircraft<br/>13th Edition, Amendment 110</b>  |  |
| NIL   |  |
| <b>Annex 9 Facilitation<br/>17th Edition, Amendment 30</b>  |  |
| NIL   |  |
| <b>Annex 10 Aeronautical Telecommunications - Volume I Radio Navigation Aids<br/>8th Edition, Amendment 93</b>  |  |
| NIL   |  |
| <b>Annex 10 Aeronautical Telecommunications - Volume II Communication Procedures including those with<br/>PANS Status<br/>7th Edition, Amendment 93</b> |  |
| NIL   |  |
| <b>Annex 10 Aeronautical Telecommunications - Volume III Communication Systems<br/>2nd Edition, Amendment 92</b>  |  |
| NIL   |  |
| <b>Annex 10 Aeronautical Telecommunications - Volume IV Surveillance and Collision Avoidance Systems<br/>5th Edition, Amendment 91</b>                  |  |
| NIL   |  |
| <b>Annex 10 Aeronautical Telecommunications - Volume V Aeronautical Radio Frequency Spectrum Utilization<br/>3rd Edition, Amendment 90</b>              |  |
| NIL   |  |
| <b>Annex 11 Air Traffic Services<br/>15th Edition, Amendment 53</b>   |  |
| NIL   |  |
| <b>Annex 12 Search and Rescue<br/>9th Edition, Amendment 19</b>   |  |
| NIL   |  |

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|--|
| <b>Annex 13 Aircraft Accident and Incident Investigation</b><br>13th Edition, Amendment 19   |
| NIL  |
| <b>Annex 14 Aerodromes - Volume I Aerodrome Design and Operations</b><br>9th Edition, Amendment 17   |
| NIL  |
| <b>Annex 14 Aerodromes - Volume II Heliports</b><br>5th Edition, Amendment 9   |
| NIL  |
| <b>Annex 15 Aeronautical Information Services</b><br>16th Edition, Amendment 43  |
| NIL  |
| <b>Annex 16 Environmental Protection Volume I - Aircraft Noise</b><br>8th Edition, Amendment 14  |
| NIL  |
| <b>Annex 16 Environmental Protection Volume II - Aircraft Engine Emissions</b><br>5th Edition, Amendment 11  |
| NIL  |
| <b>Annex 16 Environmental Protection Volume III - Aircraft Engine Emissions</b><br>1st Edition, Amendment 2  |
| NIL  |
| <b>Annex 18 The Safe Transport of Dangerous Goods by Air</b><br>4th Edition, Amendment 12  |
| NIL  |
| <b>Annex 19 Safety Management</b><br>2nd Edition, Amendment 1  |
| NIL  |
| <b>Doc 4444 Procedure for Air Navigation Services - Air Traffic Management</b><br>16th Edition, Amendment 12   |
| NIL  |
| <b>Doc 8168 Procedure for Air Navigation Services - Aircraft Operations Volume I - Flight Procedures</b><br>6th Edition, Amendment 11  |
| NIL  |
| <b>Doc 8168 Procedure for Air Navigation Services - Aircraft Operations Volume II - Construction of Visual and Instrument Flight Procedures</b><br>7th Edition, Amendment 10 |
| NIL  |
| <b>Doc 8168 Procedure for Air Navigation Services - Aircraft Operation Volume III - Aircraft Operating Procedures</b><br>1st Edition, Amendment 3                            |
| NIL  |

**Doc 8400 Procedure for Air Navigation Services - ICAO Abbreviation and Codes  
9th Edition, Amendment 34**

NIL

**Doc 9868 Procedure for Air Navigation Services - Training  
3rd Edition, Amendment 7**

NIL

**Doc 9981 Procedure for Air Navigation Services - Aerodromes  
3rd Edition, Amendment 4**

NIL

**Doc 10066 Procedures for Air Navigation Services - Aeronautical Information Management  
1st Edition, Amendment 3**

NIL

**Doc 7030 Regional Supplementary Procedures  
5th Edition, Amendment 9**

NIL

5. List of Aeronautical Charts Available

5.1 Aerodrome Chart - ICAO

| Title of series        | Scale | Name and/or number            | Reference     | Price (\$US)  | Date        |             |
|------------------------|-------|-------------------------------|---------------|---------------|-------------|-------------|
| Aerodrome Chart - ICAO |       | Don Mueang Intl               | AD 2-VTBD-2-1 | In AIP        | 7 AUG 2025  |             |
|                        |       | Chiang Mai Intl               | AD 2-VTCC-2-1 | In AIP        | 7 AUG 2025  |             |
|                        |       | Mae Fah Luang-Chiang Rai Intl | AD 2-VTCT-2-1 | In AIP        | 7 AUG 2025  |             |
|                        |       | Phuket Intl                   | AD 2-VTSP-2-1 | In AIP        | 7 AUG 2025  |             |
|                        |       | Suvarnabhumi Intl             | AD 2-VTBS-2-1 | In AIP        | 4 SEP 2025  |             |
|                        |       | U-Tapao Rayong Pattaya Intl   | AD 2-VTBU-2-1 | In AIP        | 4 SEP 2025  |             |
|                        |       | Hat Yai Intl                  | AD 2-VTSS-2-1 | In AIP        | 7 AUG 2025  |             |
|                        |       | Buri Ram                      | AD 2-VTUE-2-1 | In AIP        | 21 MAR 2024 |             |
|                        |       | Chumphon                      | AD 2-VTSE-2-1 | In AIP        | 20 APR 2023 |             |
|                        |       | Khon Kaen                     | AD 2-VTUK-2-1 | In AIP        | 30 OCT 2025 |             |
|                        |       | Krabi                         | AD 2-VTSG-2-1 | In AIP        | 2 OCT 2025  |             |
|                        |       | Lampang                       | AD 2-VTCL-2-1 | In AIP        | 30 OCT 2025 |             |
|                        |       | Loei                          | AD 2-VTUL-2-1 | In AIP        | 2 NOV 2023  |             |
|                        |       | Mae Hong Son                  | AD 2-VTCH-2-1 | In AIP        | 2 OCT 2025  |             |
|                        |       | Pai                           | AD 2-VTCI-2-1 | In AIP        | 18 JUL 2019 |             |
|                        |       | Nakhon Phanom                 | AD 2-VTUW-2-1 | In AIP        | 4 SEP 2025  |             |
|                        |       | Nakhon Ratchasima             | AD 2-VTUQ-2-1 | In AIP        | 23 MAR 2023 |             |
|                        |       | Nakhon Si Thammarat           | AD 2-VTSF-2-1 | In AIP        | 7 AUG 2025  |             |
|                        |       | Nan Nakhon                    | AD 2-VTCN-2-1 | In AIP        | 15 JUL 2021 |             |
|                        |       | Narathiwat                    | AD 2-VTSC-2-1 | In AIP        | 30 OCT 2025 |             |
|                        |       | Pattani                       | AD 2-VTSK-2-1 | In AIP        | 7 AUG 2025  |             |
|                        |       | Phatchabun                    | AD 2-VTPB-2-1 | In AIP        | 18 JUL 2019 |             |
|                        |       | Phitsanulok                   | AD 2-VTPP-2-1 | In AIP        | 31 OCT 2024 |             |
|                        |       | Phrae                         | AD 2-VTCP-2-1 | In AIP        | 26 DEC 2024 |             |
|                        |       | Hua Hin                       | AD 2-VTPH-2-1 | In AIP        | 18 JUL 2019 |             |
|                        |       | Ranong                        | AD 2-VTSR-2-1 | In AIP        | 18 JUL 2019 |             |
|                        |       | Roi Et                        | AD 2-VTUV-2-1 | In AIP        | 7 AUG 2025  |             |
|                        |       | Sakon Nakhon                  | AD 2-VTUI-2-1 | In AIP        | 31 OCT 2024 |             |
|                        |       | Songkhla                      | AD 2-VTSH-2-1 | In AIP        | 18 JUL 2019 |             |
|                        |       | 1 : 20,000                    | Sukhothai     | AD 2-VTPO-2-1 | In AIP      | 18 JUL 2019 |
|                        |       |                               | Surat Thani   | AD 2-VTSB-2-1 | In AIP      | 2 OCT 2025  |
|                        |       | 1 : 20,000                    | Samui         | AD 2-VTSM-2-1 | In AIP      | 2 OCT 2025  |
|                        |       |                               | Tak           | AD 2-VTPT-2-1 | In AIP      | 18 JUL 2019 |
|                        |       | Mae Sot                       | AD 2-VTPM-2-1 | In AIP        | 1 DEC 2022  |             |
|                        |       | Trang                         | AD 2-VTST-2-1 | In AIP        | 30 OCT 2025 |             |
|                        |       | Trat                          | AD 2-VTBO-2-1 | In AIP        | 17 APR 2025 |             |
|                        |       | Ubon Ratchathani              | AD 2-VTUU-2-1 | In AIP        | 10 JUL 2025 |             |
|                        |       | Udon Thani                    | AD 2-VTUD-2-1 | In AIP        | 21 APR 2022 |             |
|                        |       | Betong                        | AD 2-VTSY-2-1 | In AIP        | 30 OCT 2025 |             |

5.2 Aircraft Parking/Docking Chart - ICAO

| Title of series                              | Scale      | Name and/or number                   | Reference     | Price (\$US) | Date        |
|--|------------|--------------------------------------|---------------|--------------|-------------|
| Aircraft Parking/<br>Docking Chart -<br>ICAO |            | <b>Don Mueang Intl</b>               | AD 2-VTBD-2-3 | In AIP       | 7 AUG 2025  |
|  |            | <b>Chiang Mai Intl</b>               | AD 2-VTCC-2-3 | In AIP       | 7 AUG 2025  |
|  |            | <b>Mae Fah Luang-Chiang Rai Intl</b> | AD 2-VTCT-2-3 | In AIP       | 7 AUG 2025  |
|  |            | <b>Phuket Intl</b>                   | AD 2-VTSP-2-3 | In AIP       | 7 AUG 2025  |
|  |            | <b>Suvarnabhumi Intl</b>             | AD 2-VTBS-2-3 | In AIP       | 15 MAY 2025 |
|  |            | <b>Hat Yai Intl</b>                  | AD 2-VTSS-2-3 | In AIP       | 7 AUG 2025  |
|  |            | <b>Buri Ram</b>                      | AD 2-VTUD-2-3 | In AIP       | 29 DEC 2022 |
|  |            | <b>Chumphon</b>                      | AD 2-VTSE-2-3 | In AIP       | 20 APR 2023 |
|  |            | <b>Khon Kaen</b>                     | AD 2-VTUK-2-3 | In AIP       | 30 OCT 2025 |
|  |            | <b>Lampang</b>                       | AD 2-VTCL-2-3 | In AIP       | 30 OCT 2025 |
|  |            | <b>Nakhon Si Thammarat</b>           | AD 2-VTSF-2-3 | In AIP       | 7 AUG 2025  |
|  |            | <b>Phitsanulok</b>                   | AD 2-VTPP-2-3 | In AIP       | 12 JUN 2025 |
|  | 1 : 20,000 | <b>Samui</b>                         | AD 2-VTSM-2-3 | In AIP       | 2 OCT 2025  |
|  |            | <b>Mae Sot</b>                       | AD 2-VTPM-2-3 | In AIP       | 26 JAN 2023 |
|  |            | <b>Trang</b>                         | AD 2-VTST-2-3 | In AIP       | 30 OCT 2025 |
|  |            | <b>Ubon Ratchathani</b>              | AD 2-VTUU-2-3 | In AIP       | 10 JUL 2025 |
|  |            | <b>Udon Thani</b>                    | AD 2-VTUD-2-3 | In AIP       | 13 JUN 2024 |

5.3 Aerodrome Ground Movement Chart - ICAO

| Title of series                        | Scale                   | Name and/or number                   | Reference     | Price (\$US) | Date        |
|--|-------------------------|--------------------------------------|---------------|--------------|-------------|
| Aerodrome Ground Movement Chart - ICAO |                         | <b>Don Mueang Intl</b>               | AD 2-VTBD-2-5 | In AIP       | 7 AUG 2025  |
|  |                         | <b>Chiang Mai Intl</b>               | AD 2-VTCC-2-5 | In AIP       | 7 AUG 2025  |
|  |                         | <b>Mae Fah Luang-Chiang Rai Intl</b> | AD 2-VTCT-2-5 | In AIP       | 7 AUG 2025  |
|  |                         | <b>Phuket Intl</b>                   | AD 2-VTSP-2-5 | In AIP       | 7 AUG 2025  |
|  | 1 : 15,000              | <b>U-Tapao Rayong Pattaya Intl</b>   | AD 2-VTBU-2-3 | In AIP       | 4 SEP 2025  |
|  | 1 : 10,000              | <b>Hat Yai Intl</b>                  | AD 2-VTSS-2-5 | In AIP       | 7 AUG 2025  |
|  |                         | <b>Buri Ram</b>                      | AD 2-VTUU-2-5 | In AIP       | 29 DEC 2022 |
|  |                         | <b>Chumphon</b>                      | AD 2-VTSE-2-5 | In AIP       | 20 APR 2023 |
|  |                         | <b>Lampang</b>                       | AD 2-VTCL-2-5 | In AIP       | 30 OCT 2025 |
|  |                         | <b>Nakhon Si Thammarat</b>           | AD 2-VTTF-2-5 | In AIP       | 7 AUG 2025  |
|  | 1 : 10,000              | <b>Sukhothai</b>                     | AD 2-VTPO-2-3 | In AIP       | 18 JUL 2019 |
|  | 1 : 10,000              | <b>Samui</b>                         | AD 2-VTSM-2-5 | In AIP       | 2 OCT 2025  |
|  |                         | <b>Phitsanulok</b>                   | AD 2-VTPP-2-5 | In AIP       | 12 JUN 2025 |
|  | 1 : 10,000              | <b>Mae Sot</b>                       | AD 2-VTPM-2-5 | In AIP       | 1 DEC 2022  |
|  | <b>Ubon Ratchathani</b> | AD 2-VTUU-2-5                        | In AIP        | 10 JUL 2025  |             |

5.4 Aerodrome Obstacle Chart - ICAO Type A

| Title of series                        | Scale          | Name and/or number                   | Reference     | Price (\$US) | Date        |
|--|----------------|--------------------------------------|---------------|--------------|-------------|
| Aerodrome Obstacle Chart - ICAO Type A |                | <b>Don Mueang Intl</b>               |               |              |             |
|  | 1 : 15,000     | RWY 21R/03L                          | AD 2-VTBD-3-3 | In AIP       | 7 AUG 2025  |
|  | 1 : 20,000     | RWY 21L/03R                          | AD 2-VTBD-3-5 | In AIP       | 7 AUG 2025  |
|  |                | <b>Chiang Mai Intl</b>               |               |              |             |
|  | 1 : 20,000     | RWY 18/36                            | AD 2-VTCC-3-1 | In AIP       | 7 AUG 2025  |
|  |                | <b>Mae Fah Luang-Chiang Rai Intl</b> |               |              |             |
|  | 1 : 12,500     | RWY 03/21                            | AD 2-VTCT-3-1 | In AIP       | 7 AUG 2025  |
|  |                | <b>Phuket Intl</b>                   |               |              |             |
|  | 1 : 20,000     | RWY 09/27                            | AD 2-VTSP-3-1 | In AIP       | 7 AUG 2025  |
|  |                | <b>Suvarnabhumi Intl</b>             |               |              |             |
|  | 1 : 20,000     | RWY 01/19                            | AD 2-VTBS-3-1 | In AIP       | 4 SEP 2025  |
|  | 1 : 20,000     | RWY 02R/20L                          | AD 2-VTBS-3-3 | In AIP       | 4 SEP 2025  |
|  | 1 : 20,000     | RWY 02L/20R                          | AD 2-VTBS-3-5 | In AIP       | 4 SEP 2025  |
|  |                | <b>U-Tapao Rayong Pattaya Intl</b>   |               |              |             |
|  |                | RWY 18/36                            | AD 2-VTBU-3-1 | In AIP       | 4 SEP 2025  |
|  |                | <b>Hat Yai Intl</b>                  |               |              |             |
|  | 1 : 20,000     | RWY 08/26                            | AD 2-VTSS-3-1 | In AIP       | 7 AUG 2025  |
|  |                | <b>Lampang</b>                       |               |              |             |
|  | 1 : 20,000     | RWY 18/36                            | AD 2-VTCL-3-1 | In AIP       | 30 OCT 2025 |
|  |                | <b>Buri Ram</b>                      |               |              |             |
|  | 1 : 20,000     | RWY 04/22                            | AD 2-VTUE-3-1 | in AIP       | 29 DEC 2022 |
|  |                | <b>Chumphon</b>                      |               |              |             |
|  | 1 : 20,000     | RWY 06/24                            | AD 2-VTSE-3-1 | In AIP       | 20 APR 2023 |
|  |                | <b>Krabi</b>                         |               |              |             |
|  | 1 : 2,000      | RWY 14/32                            | AD 2-VTSG-3-1 | In AIP       | 2 OCT 2025  |
|  |                | <b>Nakhon Si Thammarat</b>           |               |              |             |
|  | 1 : 2,000      | RWY 01/19                            | AD 2-VTSF-3-1 | In AIP       | 7 AUG 2025  |
|  |                | <b>Sukhothai</b>                     |               |              |             |
|  | 1 : 15,000     | RWY 18/36                            | AD 2-VTPO-3-1 | In AIP       | 18 JUL 2019 |
|  |                | <b>Surat Thani</b>                   |               |              |             |
|  | 1 : 2,000      | RWY 04/22                            | AD 2-VTSB-3-1 | In AIP       | 2 OCT 2025  |
|  | <b>Samui</b>   |                                      |               |              |             |
| 1 : 15,000                             | RWY 17/35      | AD 2-VTSM-3-1                        | In AIP        | 2 OCT 2025   |             |
|  | <b>Betong</b>  |                                      |               |              |             |
| 1 : 20,000                             | RWY 07/25      | AD 2-VTSY-3-1                        | In AIP        | 30 OCT 2025  |             |
|  | <b>Mae Sot</b> |                                      |               |              |             |
| 1 : 20,000                             | RWY 09/27      | AD 2-VTPM-3-1                        | In AIP        | 1 DEC 2022   |             |

5.5 Aerodrome Obstacle Chart - ICAO Type B

| Title of series                        | Scale       | Name and/or number | Reference     | Price (\$US) | Date        |
|--|-------------|--------------------|---------------|--------------|-------------|
| Aerodrome Obstacle Chart - ICAO Type B | 1 : 100,000 | <b>Betong</b>      | AD 2-VTSY-3-1 | In AIP       | 30 OCT 2025 |

5.6 Precision Approach Terrain Chart - ICAO

| Title of series                         | Scale     | Name and/or number       | Reference      | Price (\$US) | Date        |
|---|-----------|--------------------------|----------------|--------------|-------------|
| Precision Approach Terrain Chart - ICAO |           | <b>Don Mueang Intl</b>   |                |              |             |
|   | 1 : 2,500 | RWY 21L                  | AD 2-VTBD-3-1  | In AIP       | 18 JUL 2019 |
|   |           | <b>Suvarnabhumi Intl</b> |                |              |             |
|   | 1 : 2,500 | RWY 01/19                | AD 2-VTBS-3-7  | In AIP       | 31 OCT 2024 |
|   | 1 : 2,500 | RWY 02R/20L              | AD 2-VTBS-3-9  | In AIP       | 31 OCT 2024 |
|   | 1 : 2,500 | RWY 02L/20R              | AD 2-VTBS-3-11 | In AIP       | 31 OCT 2024 |

5.7 Area Chart - ICAO

| Title of series | Scale | Name and/or number | Reference | Price (\$US) | Date |
|-----------------|-------|--------------------|-----------|--------------|------|
|                 |       |                    |           |              |      |

5.8 Standard Departure Chart - Instrument (SID) - ICAO

| Title of series                                    | Scale | Name and/or number  | Reference      | Price (\$US) | Date       |
|--|-------|---|----------------|--------------|------------|
| Standard Departure Chart - Instrument (SID) - ICAO |       | <b>Don Mueang Intl</b>  |                |              |            |
|  |       | RNAV RWY 21L - ALBOS3C BON-VO3C NOBER4C NUNLI3C OLVUK3C PASTO3C ROBKA3C SEMBO4C TARED3C UPKUP3C UGUVO3C | AD 2-VTBD-6-1  | In AIP       | 2 OCT 2025 |
|  |       | RNAV RWY21L - DOSBU3C GORSI3C HHN3C KASNI3C KIGOB3C REGOS3C RYN3C SABIS3C UKERA3C                       | AD 2-VTBD-6-9  | In AIP       | 2 OCT 2025 |
|  |       | RNAV RWY 21R - ALBOS3A BON-VO3A NOBER4A NUNLI3A OLVUK3A PASTO3A ROBKA3A SEMBO4A TARED3A UPKUP3A UGUVO3A | AD 2-VTBD-6-15 | In AIP       | 2 OCT 2025 |
|  |       | RNAV RWY 21R - DOSBU3A GORSI3A HHN3A KASNI3A KIGOB3A REGOS3A RYN3A SABIS3A UKERA3A                      | AD 2-VTBD-6-23 | In AIP       | 2 OCT 2025 |
|  |       | RNAV RWY 03L - ALBOS1B NOBER2B NUNLI1B OLVUK1B ROBKA1B SEMBO2B TARED1B UPKUP1B UGUVO1B                  | AD 2-VTBD-6-29 | In AIP       | 2 OCT 2025 |
|  |       | RNAV RWY 03L - BONVO1B DOSBU1B GORSI1B HHN1B KASNI1B KIGOB1B PASTO1B REGOS1B RYN1B SABIS2B UKERA1B      | AD 2-VTBD-6-35 | In AIP       | 2 OCT 2025 |
|  |       | RNAV RWY 03R - ALBOS1D NOBER2D NUNLI1D OLVUK1D ROBKA1D SEMBO2D TARED1D UPKUP1D UGUVO1D                  | AD 2-VTBD-6-43 | In AIP       | 2 OCT 2025 |

| Title of series                                    | Scale  | Name and/or number  | Reference      | Price (\$US) | Date        |
|--|--|---|----------------|--------------|-------------|
|  |  | RNAV RWY 03R - BONVO1D DOS-BU1D GORS1D HHN1D KASNI1D KIGOB1D PASTO1D REGOS1D RYN1D SABIS2D UKERA1D  | AD 2-VTBD-6-49 | In AIP       | 2 OCT 2025  |
|  |  | <b>Chiang Mai Intl</b>  |                |              |             |
|  |  | RWY 18  | AD 2-VTCC-6-1  | In AIP       | 7 AUG 2025  |
|  |  | RWY 36  | AD 2-VTCC-6-5  | In AIP       | 7 AUG 2025  |
|  | 1 : 750,000  | RNAV RWY 18 - ENBAT2S PANTA2S PUMAM2S   | AD 2-VTCC-6-9  | In AIP       | 7 AUG 2025  |
|  | 1 : 750,000  | RNAV RWY 18 - KABMU2S MONLO2S   | AD 2-VTCC-6-11 | In AIP       | 7 AUG 2025  |
|  | 1 : 750,000  | RNAV RWY 18 - ADLUS2S IGUDA2S LAMUN2S VISES2S   | AD 2-VTCC-6-13 | In AIP       | 7 AUG 2025  |
|  | 1 : 750,000  | RNAV RWY 18 - LAMUN2W VISES2W   | AD 2-VTCC-6-17 | In AIP       | 7 AUG 2025  |
|  | 1 : 750,000  | RNAV RWY 36 - ENBAT2N IGUDA2N KABMU2N MONLO2N PANTA2N PUMAM2N   | AD 2-VTCC-6-19 | In AIP       | 7 AUG 2025  |
|  | 1 : 750,000  | RNAV RWY 36 - ENBAT2C IGUDA2C KABMU2C MONLO2C PANTA2C PUMAM2C   | AD 2-VTCC-6-23 | In AIP       | 7 AUG 2025  |
|  | 1 : 750,000  | RNAV RWY 36 - LAMUN2N VISES2N   | AD 2-VTCC-6-27 | In AIP       | 7 AUG 2025  |
|  | 1 : 750,000  | RNAV RWY 36 - ADLUS2N   | AD 2-VTCC-6-29 | In AIP       | 7 AUG 2025  |
| Standard Departure Chart - Instrument (SID) - ICAO |  | <b>Mae Fah Luang-Chiang Rai Intl</b>  |                |              |             |
|  | 1 : 750,000  | RNAV RWY 03 - BENVI1A DUBEN1A NUMDO1A PONUK1A   | AD 2-VTCT-6-1  | In AIP       | 26 DEC 2024 |
|  | 1 : 750,000  | RNAV RWY 21 - BENVI1B DUBEN1B NUMDO1B PONUK1B   | AD 2-VTCT-6-3  | In AIP       | 26 DEC 2024 |
|  |  | <b>Phuket</b>   |                |              |             |
|  | 1 : 800,000  | RNAV RWY 09 - ANPUB1A EMRIT1A EPGOT1A IGEVI1A ONET11A REBED1A SATVA1A SAVSA1A SUSID1A UBNEN1A UPSAB1A   | AD 2-VTSP-6-1  | In AIP       | 10 JUL 2025 |
|  | 1 : 800,000  | RNAV RWY 27 - ANPUB1B EMRIT1B EPGOT1B IGEVI1B ONET11B REBED1B SATVA1B SAVSA1B SUSID1B UBNEN1B UPSAB1B   | AD 2-VTSP-6-6  | In AIP       | 10 JUL 2025 |
|  |  | <b>Suvarnabhumi Intl</b>  |                |              |             |
|  |  | RNAV RWY 01 - ALBOS1K BONVO1K BUT1K DOSBU1K GOMES1K HHN1K KASNI1K LIPLI1K NOBER2K NUNLI1K OLVUK1K PASTO1K REGOS1K RYN1K SELKA1K SEMBO2K TARED1K UKERA1K UGUVO1K VANKO1K | AD 2-VTBS-6-1  | In AIP       | 2 OCT 2025  |
|  | RNAV RWY 02L - ALBOS1F BONVO1F BUT1F DOSBU1F GOMES1F HHN1F KASNI1F LIPLI1F NOBER2F NUNLI1F OLVUK1F PASTO1F REGOS1F RYN1F SELKA1F SEMBO2F TARED1F UKERA1F UGUVO1F VANKO1F | AD 2-VTBS-6-15  | In AIP         | 2 OCT 2025   |             |

## GEN 3.3 AIR TRAFFIC SERVICES

### 1. Responsible services

1.1 The Civil Aviation Authority of Thailand is the responsible authority for the supervision and maintaining Air Traffic Services in the area of responsibility of the Kingdom of Thailand in accordance with ICAO Standard, Recommended Practices and Procedures.

1.2 The services are provided in accordance with the provisions contained in the following ICAO documents:

|                  |   |
|------------------|---|
| Annex 2          | - Rules of the Air  |
| Annex 11         | - Air Traffic Services  |
| Doc 4444<br>ATM) | - Procedures for Air Navigation Services – Air Traffic Management (PANS – |
| Doc 8168         | - Procedures for Air Navigation Services – Aircraft Operations (PANS-OPS) |
| Doc 7030         | - Regional Supplementary Procedures                                       |

1.3 Differences to these provisions are detailed in subsection **GEN 1.7**.

### 2. Area of responsibility

2.1 Air Traffic services are provided for the entire territory of the Kingdom of Thailand, including its territorial waters as well as the airspace over the high seas within the Bangkok FIR.

2.2 In some case, in accordance with the regional air navigation agreement, air traffic services are provided, under the delegated authority, in the airspace within another bordering FIR. Details of such services are provided in section **ENR 2**.

### 3. Types of services

3.1 The following types of services are provided:

- Flight Information Services (FIS) and Alerting Service (ALRS);
- Area control service; and
- Radar service.

3.2 With the exception of services provided at military air bases, the following types of services are provided at aerodromes:

- Aerodrome Control (TWR);
- Aerodrome Flight Information Services (AFIS); and
- Automatic Terminal Information Service (ATIS) at certain aerodromes.

### 4. Coordination between the operator and ATS

4.1 Coordination between the operators and ATS is effected in accordance with ICAO Annex 11. When so requested by an international operator, messages (including position reports) received by ATS units and relating to the operation of aircraft for which operational control service is provided by that operator are, so far as is practicable, made available to the operator.

### 5. Minimum flight altitude

The minimum flight altitudes on the ATS routes listed in section ENR 3, have been determined to ensure at least 1 000 ft (300 m) vertical clearance above the highest known obstacle and the operational capability of the flight support equipment, within the lateral limits of the route within Bangkok FIR and the adjacent areas of adjoining FIRs.

6. ATS units address list

| Unit name  | Postal address  | Telephone NR                    | Telefax NR                     | E-mail                          | AFS address |
|--|---|---------------------------------|--------------------------------|---------------------------------|-------------|
| 1  | 2   | 3                               | 4                              | 5                               | 6           |
| Bangkok ACC  | Bangkok<br>Area Control Centre<br>102 Ngamduplee,<br>Rama IV,<br>Tungmahamek<br>Bangkok 10120   | +662 285 9111-2                 | +662 285 9910                  | bacc<br>@aerothermal.co.th      | VTBBZRZX    |
| Bangkok APP  | Bangkok Approach<br>Control Centre<br>ATC Complex,<br>Suvarnabhumi Airport,<br>Bang Na-Trad Rd.,<br>K.M.15, RajaTheva,<br>Bang-Phli,<br>Samutprakarn 10540          | +662 131 3621<br>+662 131 3622  | +662 131 3769<br>+662 131 3771 | bt.safety<br>@aerothermal.co.th | -           |
| Suvarnabhumi<br>Air Traffic Control<br>Tower   | Suvarnabhumi Air Traf-<br>fic Control Tower<br>ATC Complex,<br>Suvarnabhumi Airport,<br>Bang Na-Trad Rd.,<br>K.M.15, RajaTheva,<br>Bang-Phli,<br>Samutprakarn 10540 | +662 131 3610-12                | +662 131 3609                  | bt.safety<br>@aerothermal.co.th | VTBSZTZX    |
| Don Mueang Air<br>Traffic Control<br>Tower   | Don Mueang Air Traffic<br>Control Tower,<br>Vibhavadi Rangsit<br>Road, Sanambin,<br>Don Mueang,<br>Bangkok 10210  | +662 515 3282<br>+662 515 3288  | +662 515 3286                  | bt.safety<br>@aerothermal.co.th | VTBDZTZX    |
| Group of Provincial<br>Approach<br>Air Traffic Control<br>(Chiang Rai Sec-<br>tor)<br>- Chiang Rai Ap-<br>proach | 102 Ngamduplee,<br>Rama IV,<br>Tungmahamek<br>Bangkok 10120   | +662 285 9695<br>+668 9787 2831 | +662 285 9610                  | chiangraisector<br>@gmail.com   | VTBBZAZX    |
| Group of Provincial<br>Approach<br>Air Traffic Control<br>(Chiang Rai Sec-<br>tor)<br>- Nan Approach             | 102 Ngamduplee,<br>Rama IV,<br>Tungmahamek<br>Bangkok 10120   | +662 285 9695<br>+668 9787 2831 | +662 285 9610                  | chiangraisector<br>@gmail.com   | VTBBZAZX    |
| Group of Provincial<br>Approach<br>Air Traffic Control<br>(Chiang Rai Sec-<br>tor)<br>- Phetchabun<br>Approach   | 102 Ngamduplee,<br>Rama IV,<br>Tungmahamek<br>Bangkok 10120   | +662 285 9695<br>+668 9787 2831 | +662 285 9610                  | chiangraisector<br>@gmail.com   | VTBBZAZX    |
| Group of Provincial<br>Approach<br>Air Traffic Control<br>(Chiang Rai Sec-<br>tor)<br>- Phrae Approach           | 102 Ngamduplee,<br>Rama IV,<br>Tungmahamek<br>Bangkok 10120   | +662 285 9695<br>+668 9787 2831 | +662 285 9610                  | chiangraisector<br>@gmail.com   | VTBBZAZX    |

| Unit name   | Postal address                                     | Telephone NR                    | Telefax NR    | E-mail                   | AFS address |
|---|--|---------------------------------|---------------|--------------------------|-------------|
| Group of Provincial Approach Air Traffic Control (Khon Kaen Sector)<br>- Khon Kaen Approach       | 102 Ngamduplee, Rama IV, Tungmahamek Bangkok 10120 | +662 285 9695<br>+668 9787 2831 | +662 285 9610 | khonkaensector@gmail.com | VTBBZAZX    |
| Group of Provincial Approach Air Traffic Control (Khon Kaen Sector)<br>- Sakon Nakhon Approach    | 102 Ngamduplee, Rama IV, Tungmahamek Bangkok 10120 | +662 285 9695<br>+668 9787 2831 | +662 285 9610 | khonkaensector@gmail.com | VTBBZAZX    |
| Group of Provincial Approach Air Traffic Control (Khon Kaen Sector)<br>- Loei Approach            | 102 Ngamduplee, Rama IV, Tungmahamek Bangkok 10120 | +662 285 9695<br>+668 9787 2831 | +662 285 9610 | khonkaensector@gmail.com | VTBBZAZX    |
| Group of Provincial Approach Air Traffic Control (Khon Kaen Sector)<br>- Udon Approach            | 102 Ngamduplee, Rama IV, Tungmahamek Bangkok 10120 | +662 285 9695<br>+668 9787 2831 | +662 285 9610 | khonkaensector@gmail.com | VTBBZAZX    |
| Group of Provincial Approach Air Traffic Control (Samui Sector)<br>- Chumphon Approach            | 102 Ngamduplee, Rama IV, Tungmahamek Bangkok 10120 | +662 285 9695<br>+668 9787 2831 | +662 285 9610 | samuisector@gmail.com    | VTBBZAZX    |
| Group of Provincial Approach Air Traffic Control (Samui Sector)<br>- Nakhon Si Thammarat Approach | 102 Ngamduplee, Rama IV, Tungmahamek Bangkok 10120 | +662 285 9695<br>+668 9787 2831 | +662 285 9610 | samuisector@gmail.com    | VTBBZAZX    |
| Group of Provincial Approach Air Traffic Control (Samui Sector)<br>- Surat Thani Approach         | 102 Ngamduplee, Rama IV, Tungmahamek Bangkok 10120 | +662 285 9695<br>+668 9787 2831 | +662 285 9610 | samuisector@gmail.com    | VTBBZAZX    |
| Group of Provincial Approach Air Traffic Control (Samui Sector)<br>- Samui Approach               | 102 Ngamduplee, Rama IV, Tungmahamek Bangkok 10120 | +662 285 9695<br>+668 9787 2831 | +662 285 9610 | samuisector@gmail.com    | VTBBZAZX    |
| Group of Provincial Approach Air Traffic Control (Samui Sector)<br>- Trat Approach                | 102 Ngamduplee, Rama IV, Tungmahamek Bangkok 10120 | +662 285 9695<br>+668 9787 2831 | +662 285 9610 | samuisector@gmail.com    | VTBBZAZX    |
| Group of Provincial Approach Air Traffic Control (Ubon Sector)<br>- Buri Ram Approach             | 102 Ngamduplee, Rama IV, Tungmahamek Bangkok 10120 | +662 285 9695<br>+668 9787 2831 | +662 285 9610 | ubonsector@gmail.com     | VTBBZAZX    |

| Unit name  | Postal address   | Telephone NR                    | Telefax NR                 | E-mail               | AFS address |
|--|--|---------------------------------|----------------------------|----------------------|-------------|
| Group of Provincial Approach<br>Air Traffic Control (Ubon Sector)<br>- Roi Et Approach     | 102 Ngamduplee, Rama IV,<br>Tungmahamek Bangkok 10120  | +662 285 9695<br>+668 9787 2831 | +662 285 9610              | ubonsector@gmail.com | VTBBZAZX    |
| Group of Provincial Approach<br>Air Traffic Control (Ubon Sector)<br>- Ubon Approach       | 102 Ngamduplee, Rama IV,<br>Tungmahamek Bangkok 10120  | +662 285 9695<br>+668 9787 2831 | +662 285 9610              | ubonsector@gmail.com | VTBBZAZX    |
| Group of Provincial Approach<br>Air Traffic Control (Ubon Sector)<br>- Ratchasima Approach | 102 Ngamduplee, Rama IV,<br>Tungmahamek Bangkok 10120  | +662 285 9695<br>+668 9787 2831 | +662 285 9610              | ubonsector@gmail.com | VTBBZAZX    |
| Chiang Mai APP   | Chiang Mai Approach<br>Chiang Mai Air Traffic Control Centre<br>60 Sanambin Road<br>Suthep Subdistrict<br>Mueang District<br>Chiang Mai 50200                  | +665 327 7516                   | +665 327 7600              | cmatcapp@gmail.com   | VTCCZAZX    |
| Chiang Mai APP (Chiang Mai Sector)<br>- Lampang APP  | Lampang Approach<br>Chiang Mai Air Traffic Control Centre<br>60 Sanambin Road<br>Suthep Subdistrict<br>Mueang District<br>Chiang Mai 50200                     | +665 327 7516                   | +665 327 7600              | cmatcapp@gmail.com   | VTCCZAZX    |
| Chiang Mai APP (Chiang Mai Sector)<br>- Mae Sot APP  | Mae Sot Approach<br>Chiang Mai Air Traffic Control Centre<br>60 Sanambin Road<br>Suthep Subdistrict<br>Mueang District<br>Chiang Mai 50200                     | +665 327 7516                   | +665 327 7600              | cmatcapp@gmail.com   | VTCCZAZX    |
| Chiang Mai APP (Chiang Mai Sector)<br>- Mae Hong Son APP                                   | Mae Hong Son Approach<br>Chiang Mai Air Traffic Control Centre<br>60 Sanambin Road<br>Suthep Subdistrict<br>Mueang District<br>Chiang Mai 50200                | +665 327 7516                   | +665 327 7600              | cmatcapp@gmail.com   | VTCCZAZX    |
| Chiang Mai Tower   | Chiang Mai Air Traffic Control Tower<br>Chiang Mai Air Traffic Control Centre<br>60 Sanambin Road<br>Suthep Subdistrict<br>Mueang District<br>Chiang Mai 50200 | +665 327 7776                   | +665 327 7600              | vtcctwr@gmail.com    | VTCCZTZX    |
| Mae Sot Tower  | Mae Sot Air Traffic Control Tower<br>Mae Sot Airport,<br>Amphoe Mae Sot,<br>Tak 63110  | +665 556 3334                   | +665 556 3335<br>Ext. 4702 | vtpmatc@gmail.com    | VTPMZTZX    |

| Unit name   | Postal address  | Telephone NR                    | Telefax NR                 | E-mail            | AFS address |
|---|---|---------------------------------|----------------------------|-------------------|-------------|
| Lampang Tower                                       | Lampang Air Traffic Control Tower<br>175 Sanambin 1 Road,<br>Phrabat Subdistrict<br>Mueang District,<br>Lampang 52000                   | +665 482 1525                   | +665 482 1524<br>Ext. 4405 | vtcltwr@gmail.com | VTCLZTZX    |
| Mae Hong Son Tower                                  | Mae Hong Son Air Traffic Control Tower<br>Nivatephisan Road,<br>Jong Kam Subdistrict,<br>Mueang District,<br>Mae Hong Son 58000         | +665 361 2903                   | +665 361 2904<br>Ext. 4201 | vtchtwr@gmail.com | VTCHZTZX    |
| Chiang Rai Tower                                    | Chiang Rai Air Traffic Control Tower<br>404 Moo 10,<br>Phaholyothin Road<br>Ban Du Subdistrict,<br>Mueang District,<br>Chiang Rai 57100 | +665 379 3972                   | +665 379 3973<br>Ext. 4312 | vtcttwr@gmail.com | VTCTZTZX    |
| Phrae Tower   | Phrae Air Traffic Control Tower<br>Phrae Airport,<br>Chohae Rd,<br>Tambol Nachak,<br>Mueangphrae District,<br>Phrae 54000               | +665 453 1306                   | +665 453 1307<br>Ext. 4502 | vtcptwr@gmail.com | VTCPZTZX    |
| Nan Tower   | Nan Air Traffic Control Tower<br>Nan Nakhon Airport,<br>Nan – Thung Chang Road, Moo2,<br>Tambon Pasing,<br>Amphoe Mueang,<br>Nan 55000  | +665 477 4185-6                 | +665 477 4186<br>Ext. 4604 | vtcntwr@gmail.com | VTCNZTZX    |
| Hat Yai APP   | Hat Yai Approach<br>Hat Yai Air Traffic Control Centre<br>100 Moo 3, Khlong La,<br>Klong Hoi Khong,<br>Songkhla 90115                   | +667 425 1073<br>+668 1371 0267 | +667 425 1339              | vtstswr@gmail.com | VTSSZAZX    |
| Hat Yai APP<br>(Hat Yai Sector)<br>- Trang APP      | Trang Approach<br>Hat Yai Air Traffic Control Centre<br>100 Moo 3, Khlong La,<br>Klong Hoi Khong,<br>Songkhla 90115                     | +667 425 1073<br>+668 1371 0267 | +667 425 1339              | vtstswr@gmail.com | VTSSZAZX    |
| Hat Yai APP<br>(Hat Yai Sector)<br>- Narathiwat APP | Narathiwat Approach<br>Hat Yai Air Traffic Control Centre<br>100 Moo 3, Khlong La,<br>Klong Hoi Khong,<br>Songkhla 90115                | +667 425 1073<br>+668 1371 0267 | +667 425 1339              | vtstswr@gmail.com | VTSSZAZX    |
| Hat Yai APP<br>(Hat Yai Sector)<br>- Pattani APP    | Pattani Approach<br>Hat Yai Air Traffic Control Centre<br>100 Moo 3, Khlong La,<br>Klong Hoi Khong,<br>Songkhla 90115                   | +667 425 1073<br>+668 1371 0267 | +667 425 1339              | vtstswr@gmail.com | VTSSZAZX    |

| Unit name        | Postal address   | Telephone NR                                     | Telefax NR                 | E-mail                    | AFS address |
|------------------|--|--|----------------------------|---------------------------|-------------|
| Hat Yai Tower    | Hat Yai Air Traffic Control Tower<br>Hat Yai Air Traffic Control Centre<br>100 Moo 3, Khlong La,<br>Klong Hoi Khong,<br>Songkhla 90115   | +667 425 1074<br>+668 9876 4352                  | -                          | vtstwr@gmail.com          | VTSSZTX     |
| Trang Tower      | Trang Air Traffic Control Tower<br>Trang Airport<br>Trang-Palian Road<br>Mueang District,<br>Trang 92000   | +667 557 2160<br>+668 1894 7207                  | +667 557 2163              | vtstwr@gmail.com          | VTSTZTX     |
| Narathiwat Tower | Narathiwat Air Traffic Control Tower<br>Narathiwat Airport<br>Mueang district<br>Narathiwat 96000  | +667 356 5077<br>Ext. 6600<br>+668 1896 9837     | +667 356 5161<br>Ext. 6602 | vtstwr@gmail.com          | VTSCZTX     |
| Betong Tower     | Betong Air Traffic Control Tower<br>125 Yarom Subdistrict,<br>Betong District,<br>Yala 95110   | +667 323 4900-1<br>Ext. 6501                     | +667 323 4902              | vtstwr@gmail.com          | VTSYZTX     |
| Hua Hin APP      | Hua Hin Approach<br>Hua Hin Air Traffic Control Center<br>Aeronautical Radio of Thailand Company Limited<br>Phetkasem Road,<br>Amphoe Hua Hin<br>Phachuapkhirikhan 77110                     | +663 252 0830-1                                  | +663 252 0831<br>Ext. 5291 | aerothaihua-hin@gmail.com | VTPHZAZX    |
| Hua Hin Tower    | Hua Hin Air Traffic Control Tower<br>Hua Hin Air Traffic Control Center<br>Aeronautical Radio of Thailand<br>Company Limited<br>Phetkasem Road,<br>Amphoe Hua Hin<br>Phachuapkhirikhan 77110 | +663 252 0830-1                                  | +663 252 0831<br>Ext. 5201 | aerothaihua-hin@gmail.com | VTPHZTX     |
| Trat Tower       | Trat Air Traffic Control Tower<br>Aeronautical Radio of Thailand<br>Company Limited<br>99 Moo3,<br>Tambon Tasom,<br>Khao Saming District<br>Trat 23150                                       | +663 952 5761<br>+663 952 5763<br>+668 1936 7805 | +663 952 5762<br>Ext. 5291 | aerothaihua-hin@gmail.com | VTBOZTX     |
| Phetchabun Tower | Phetchabun Air Traffic Control Tower<br>Phetchabun Airport,<br>Tambon Lanbah,<br>Amphoe Lomsak,<br>Phetchabun 67110  | +665 671 3700                                    | +665 671 3701<br>Ext. 7302 | vtpbwr@gmail.com          | VTPBZTX     |

| Unit name   | Postal address  | Telephone NR                      | Telefax NR    | E-mail                   | AFS address |
|---|---|-----------------------------------|---------------|--------------------------|-------------|
| Phuket APP  | Phuket Approach<br>Phuket Air Traffic<br>Control Center<br>200 Village No.6,<br>Mai Khao Sub District,<br>Thalang District<br>Phuket 83110                        | +667 656 3041-3<br>+668 5123 6253 | +667 656 3038 | phuketatc1<br>@gmail.com | VTSPZAZX    |
| Phuket APP<br>(Phuket Sector)<br>- Krabi APP                    | Krabi Approach<br>Phuket Air Traffic<br>Control Center<br>200 Village No.6,<br>Mai Khao Sub District,<br>Thalang District<br>Phuket 83110                         | +667 656 3041-3<br>+668 5123 6253 | +667 656 3038 | phuketatc1<br>@gmail.com | VTSPZAZX    |
| Phuket APP<br>(Phuket Sector)<br>- Ranong APP                   | Ranong Approach<br>Phuket Air Traffic<br>Control Center<br>200 Village No.6,<br>Mai Khao Sub District,<br>Thalang District<br>Phuket 83110                        | +667 656 3041-3<br>+668 5123 6253 | +667 656 3038 | phuketatc1<br>@gmail.com | VTSPZAZX    |
| Phitsanulok APP   | Phitsanulok Approach<br>Phitsanulok Air Traffic<br>Control Centre<br>Sanambin Rd,<br>Tambol Aranyik,<br>Mueang District,<br>Phitsanulok 65000                     | +665 530 1425                     | +665 530 1450 | pslatc<br>@gmail.com     | VTPPZAZX    |
| Phitsanulok APP<br>(Phitsanulok Sec-<br>tor)<br>- Sukhothai APP | Sukhothai Approach<br>Phitsanulok Air Traffic<br>Control Centre<br>Sanambin Rd,<br>Tambol Aranyik,<br>Mueang District,<br>Phitsanulok 65000                       | +665 530 1425                     | +665 530 1450 | pslatc<br>@gmail.com     | VTPPZAZX    |
| Phitsanulok APP<br>(Phitsanulok Sec-<br>tor)<br>- Tak APP       | Tak Approach<br>Phitsanulok Air Traffic<br>Control Centre<br>Sanambin Rd,<br>Tambol Aranyik,<br>Mueang District,<br>Phitsanulok 65000                             | +665 530 1425                     | +665 530 1450 | pslatc<br>@gmail.com     | VTPPZAZX    |
| Phitsanulok Tower   | Phitsanulok Air Traffic<br>Control Tower<br>Phitsanulok Air Traffic<br>Control Centre<br>Sanambin Rd,<br>Tambol Aranyik,<br>Mueang District,<br>Phitsanulok 65000 | +665 526 6381                     | +665 530 1450 | pslatc<br>@gmail.com     | VTPPZTZX    |
| Sukhothai Tower   | Sukhothai Air Traffic<br>Control Tower<br>Sukhothai Airport, 99<br>Moo 4, Klong Krachong,<br>Swankhalok District,<br>Sukhothai 64110                              | +665 564 7227                     | +665 564 7222 | vtptwr<br>@gmail.com     | VTPOZTZX    |
| Tak Tower   | Tak Air Traffic Control<br>Tower, Tak Airport,<br>Amphoe Mueang,<br>Tak 63000   | +665 551 5312                     | +665 551 5311 | vtptwr<br>@gmail.com     | VTPTZTZX    |

| Unit name                 | Postal address   | Telephone NR                                      | Telefax NR                 | E-mail                       | AFS address |
|---------------------------|--|---|----------------------------|------------------------------|-------------|
| Surat Thani Tower         | Surat Thani Tower<br>Surat Thani Air Traffic<br>Control Centre<br>Tambon Huatoei,<br>Amphoe Phunphin<br>Surat Thani 84130            | +667 744 1130<br>+668 9873 9982<br>+668 9874 0768 | +667 744 1130              | surat.tower<br>@gmail.com    | VTSBZTZX    |
| Samui Tower               | Samui Air Traffic<br>Control Tower<br>Samui Airport<br>Amphoe Koh Samui,<br>Surat Thani 84320  | +667 742 8519<br>+668 9874 0964<br>+668 1912 5933 | +667 742 8519              | samui.tower<br>@gmail.com    | VTSMZTZX    |
| Nakhon Si Thammarat Tower | Nakhon Si Thammarat<br>Air Traffic Control<br>Tower<br>Tambon Pak Phun,<br>Amphoe Mueang,<br>Nakhon Si Thammarat<br>80000            | +667 535 5637<br>+668 9874 1041<br>+669 0980 3475 | +667 535 5637              | nakhon.tower<br>@gmail.com   | VTSFZTZX    |
| Chumphon Tower            | Chumphon Air Traffic<br>Control Tower<br>Chumphon Airport<br>Amphoe Pathiu,<br>Chumphon 86160  | +667 759 1311<br>+668 9874 0776<br>+666 5826 6890 | +667 759 1311              | chumphon.tower<br>@gmail.com | VTSEZTZX    |
| Phuket Tower              | Phuket Air Traffic<br>Control Tower<br>200 Village No.6,<br>Mai Khao Sub District,<br>Thalang District<br>Phuket 83110               | +667 656 3032-4<br>+668 1832 1826                 | +667 656 3029              | vtspower<br>@gmail.com       | VTSPZTZX    |
| Krabi Tower               | Krabi Air Traffic Control<br>Tower, Krabi Airport,<br>Amphoe Naua Khlong<br>Krabi 81130  | +667 570 1542<br>+668 1829 4972                   | +667 570 1541              | kbi.twr<br>@gmail.com        | VTSGZTZX    |
| Ranong Tower              | Ranong Air Traffic<br>Control Tower<br>Ranong Airport<br>Phetchakasem Road,<br>Ranong 85000  | +667 786 2265<br>+668 1935 1275                   | +667 782 2264<br>Ext. 5402 | vtsrtwr<br>@gmail.com        | VTSRZTZX    |
| Udon Thani Tower          | Udon Thani Air Traffic<br>Control Tower<br>Udon Thani Airport,<br>Mak Khaeng<br>Subdistrict,<br>Mueang District,<br>Udon Thani 41000 | +664 224 9735                                     | +664 224 6803<br>Ext. 7109 | udontower<br>@gmail.com      | VTUDZTZX    |
| Khon Kaen Tower           | Khon Kaen Air Traffic<br>Control Tower<br>Khon Kaen Airport,<br>Ban Pet Subdistrict,<br>Mueang District,<br>Khon Kaen 40000          | +664 346 8218                                     | +664 346 8219              | atc_kkn<br>@hotmail.com      | VTUKZTZX    |
| Loei Tower                | Loei Air Traffic Control<br>Tower<br>Loei Airport,<br>Na An Subdistrict,<br>Mueang District,<br>Loei 42000                           | +664 281 4639                                     | +664 281 5579              | atc_loy<br>@hotmail.com      | VTULZTZX    |

| Unit name                         | Postal address   | Telephone NR                    | Telefax NR                 | E-mail                    | AFS address |
|-----------------------------------|--|---------------------------------|----------------------------|---------------------------|-------------|
| Nakhon Phanom Tower               | Nakhon Phanom Air Traffic Control Tower, Nakhon Phanom Airport, Nasai Subdistrict, Mueang District, Nakhon Phanom 48000                      | +664 253 1588                   | +664 253 1589              | atc_nkp@hotmail.com       | VTUWZTZX    |
| Sakon Nakhon Tower                | Sakon Nakhon Air Traffic Control Tower Sakon Nakhon Airport, That Na Weng Subdistrict, Mueang District, Sakon Nakhon 47000                   | +664 271 6573                   | +664 271 6574<br>Ext. 7602 | atc_skn@hotmail.com       | VTUIZTZX    |
| Ubon Tower                        | Ubon Air Traffic Control Tower Ubon Ratchathani Air Traffic Control Centre Ubon Ratchathani Airport, Mueang District, Ubon Ratchathani 34000 | +664 524 0460                   | +664 525 6553              | vtuutwr@gmail.com         | VTUUZTZX    |
| Roi Et Tower                      | Roi Et Air Traffic Control Tower, Roi Et Airport Roi Et-Phonthong Road, Nongphok, Thawatburi, Roi Et 45170                                   | +664 351 8408                   | +664 351 8409              | vtuvtower@gmail.com       | VTUVZTZX    |
| Ratchasima Tower                  | Nakhon Ratchasima Air Traffic Control Centre Nakhon Ratchasima Airport Chaloem Phra Kiat, Nakhon Ratchasima 30230                            | +664 425 5662                   | +664 425 6576              | nr.pm2atc@gmail.com       | VTUQZTZX    |
| Buri Ram Tower                    | Buri Ram Air Traffic Control Tower Buri Ram Airport, Satuk, Buri Ram 31150   | +664 466 6360                   | +664 466 6361              | nr.pm2atc@gmail.com       | VTUOZTZX    |
| U-Tapao APP                       | U-Tapao Approach, U-Tapao Rayong Pattaya International Airport, 70 moo.2 Phala Banchang Rayong 21130   | +663 824 5196<br>+668 3615 2615 | +663 824 5193              | baseops01utapao@gmail.com | VTBUZPZX    |
| U-Tapao Air Traffic Control Tower | U-Tapao Air Traffic Control Tower, U-Tapao Rayong Pattaya International Airport, 70 moo.2 Phala Banchang Rayong 21130                        | +663 824 5190<br>+668 8669 9221 | +663 824 5193              | baseops01utapao@gmail.com | VTBUZPZX    |

## 7. Air Traffic Services

7.1 The Aeronautical Radio of Thailand Limited provides, operates and maintains the equipment and services for provision of:

- Area control service within Bangkok FIR as detailed in ENR 2.1-1
- Aerodrome control and approach control at all civil airports.

7.2 Royal Thai Navy provides, operates and maintains the equipment and services for provision of Aerodrome control and approach control at U-Tapao Rayong Pattaya International Airport.

7.3 IFR flights operating into Bangkok International Airport remain under the jurisdiction of the Area Control Centre until reaching a predetermined point agreed by the ATC units, after which Bangkok Approach Control assumes jurisdiction; outbound flights will remain under the jurisdiction of Bangkok Approach Control while in the control zone or until such time as the aircraft has been instructed to change over to the Area Control Centre radiotelephony frequency.

7.4 The airspace of Thai territory, including adjacent territorial waters, comprises a single FIR (Bangkok FIR). Air Traffic Control services are exercised only in controlled airspace.

7.5 The description of the airspace designated for air traffic purposes is found in several tables, all forming part of ENR 2.

## 8. Special Communication Procedures

In order to ensure appropriate separation planning by Bangkok Area Control Centre, pilots of all eastbound traffics shall contact Bangkok control at least 15 minutes prior to entering the FIR on the following frequencies;

airways L507, G463, P646, L524, L877, L301 and M502 on frequency 120.95 MHz and airways M626 on frequency 118.35 MHz.

Avoidance of Unnecessary TCAS RA Warning: Aircraft shall strictly use rate of climb or rate of descent at 1500 FPM or less within 2000ft to the assigned altitude or flight level, then use rate of climb or rate of descent at 1000 FPM or less within 1000ft to the assigned altitude or flight level when flight crew is made aware of another aircraft at or approaching an adjacent altitude or flight level, unless otherwise instructed by ATC.

## 9. Restricted Airspace and Danger Areas

Prohibited areas, restricted areas and danger areas within Bangkok FIR are listed in **ENR 5.1**. Activation of areas subject to intermittent activity is notified well in advance by NOTAM giving reference only to the designation of the area.

## 10. Thailand Air Defense Identification Zone (TADIZ)

10.1 The Thailand Air Defense Identification Zone (TADIZ) is hereby established to cover the airspace over the land and sea areas starting on the Thai border at 100000N thence along the national border between the Kingdom of Thailand and Myanmar, Laos, Cambodia to the coast 113900N1025500E then to 094830N1014630E 085200N1021300E 082900N1024300E 074930N1030530E 072200N1034230E 072000N1033900E 070300N1030600E 065300N1023400E 065000N1022112E 062748N1020936E 062730N1021000E 061430N1020536E thence westward along the national border between the Kingdom of Thailand and Malaysia to 062524N100000E 063200N0995300E 062830N0993912E 063012N0993324E 062854N0993042E 061824N0992730E 061618N0991918E 061800N0990642E 071500N0980000E 094500N0963830E 094035N0972636E 093215N0975620E 093015N0980600E 093520N0981300E 094300N0981610E 094910N0981950E 095400N0982430E 095700N0982730E 095510N0983200E 095610N0983305E then to the starting point (see GEN 3.3-4).

10.2 Since Bangkok Area Control Centre (VTBBZRZX) requires flight plans for all aircraft, IFR or VFR, operating into Bangkok FIR, it is compulsory that all aircraft, destined for an aerodrome within TADIZ or overflying TADIZ to submit flight plans at the point of departure for relaying to Bangkok Area Control Centre.

10.3 Aircraft flying along the airways shall report at the normal reporting points. Aircraft approaching TADIZ off airways shall report the estimated time over TADIZ boundary at least 10 minutes in advance.

10.4 If unable to establish and maintain radio communication with appropriate ATC agency, the pilot may contact the nearest Ground Control Intercept (GCI) frequency 127.0 and 331.3 MHz site for positive identification prior to entering TADIZ.

10.5 Aircraft will be intercepted by Royal Thai Air Force interceptors if:

- They do not adhere to the Air Defense Identification Procedures or the Air Traffic Control Regulations and Procedures.
- They deviate from their current flight plan, fail to passing over a point, or operate 10 NM over land or 20 NM over sea from the centre line of the airway assigned.

10.6 The aircraft which is intercepted by RTAF interceptors shall strictly comply with the interception procedure in accordance with Annex 2, Chapter 3 paragraph 3.8. The visual signal in accordance with Appendix 1 paragraph 2 will be used if direct communication between

interceptors and intercepted aircraft can not be established. (see ENR 1.12-3).

- 10.7 Aircraft under interception will be attacked if they fail to obey any instructions given by RTAF interceptors.
- 10.8 The authority of the RTAF will not be responsible for any damage caused to aircraft by the interceptors of other devices.
- 10.9 The owner of the aircraft will be charged for expenditures used by the interceptors sent up to investigate and identify.

#### 11. VIP Flight

11.1 In order to facilitate the movement of VIP flight into and out of Bangkok and to conform to the times shown in the Ceremonial Reception Schedule, the Air Traffic Service Units concerned are authorized to provide special priority for all VIP flights over all other normal traffic within their spheres of responsibility.

11.2 The term "VIP flight" refers to the flights of the following persons:

- His Majesty the King;
- Her Majesty the Queen;
- The Royal Family; and
- Prime Minister or Heads of Foreign Government.

11.3 A NOTAM showing the schedule of the VIP flight movement will be issued in advance.

11.4 Other flights will be subjected to approximately 15 minutes delay prior to or after, the scheduled movement of the VIP aircraft, "except military escort aircraft which is under RTAF Escort Regulations".

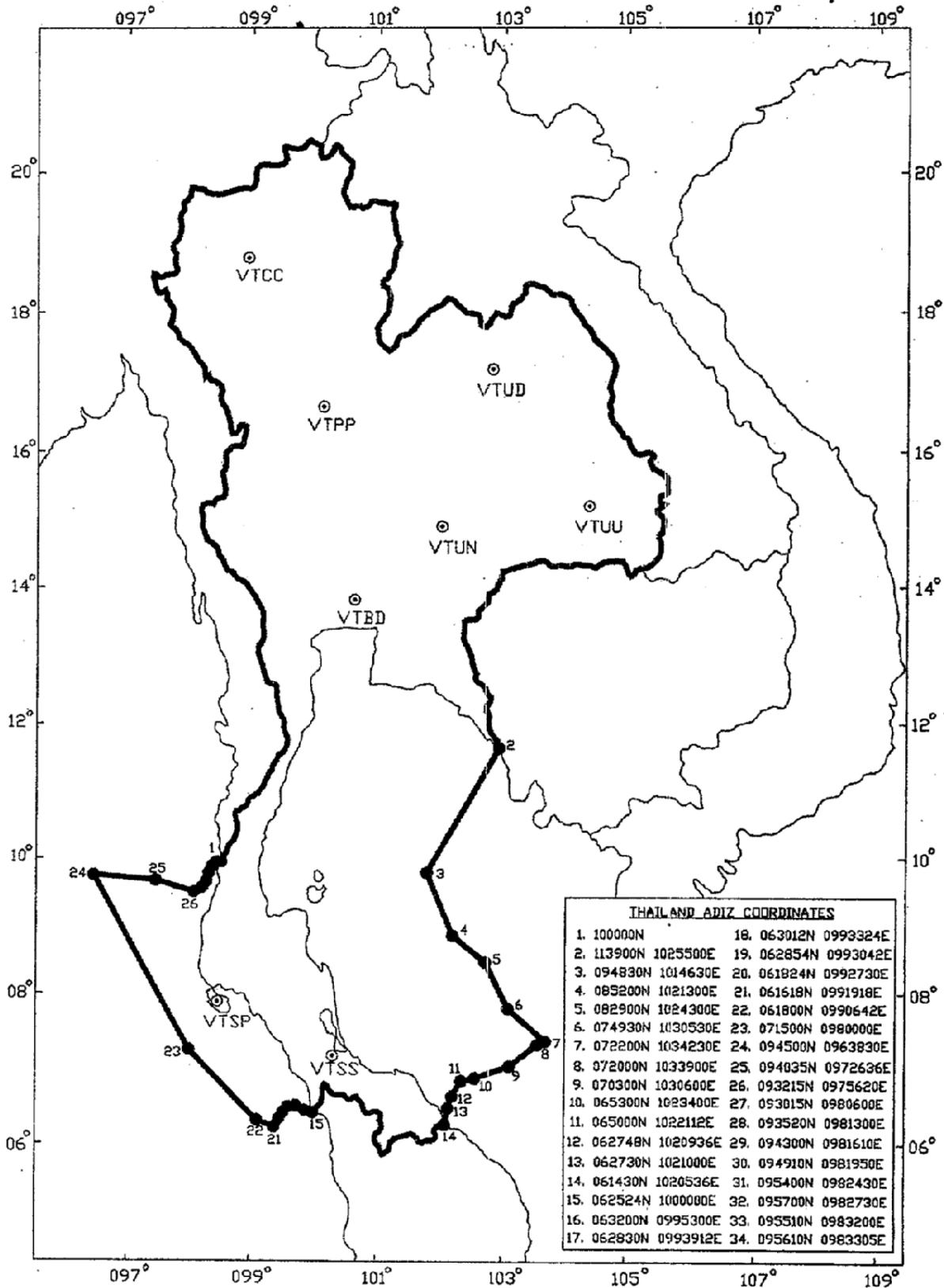
11.5 When a VIP flight is made within Bangkok FIR either inside or outside controlled airspace, special temporary airway normally 10 NM wide will be established for that part of the route designated as PINK Airways, procedures are as follows:

- PINK Airways will be notified by NOTAM consisting of:
  - a) Airways expressed the point of departure and destination;
  - b) Period of operation 15 minutes before estimated time of departure and 15 minutes after the VIP aircraft has passed the known position on the established route; and
  - c) Blocked altitude 2000 ft above and below flight level specified by flight plan.

**Remarks:** "The commander of the escort flight shall have final authority for conduction flight in and out of the PINK Airways as necessary to fulfill the RTAF Escort Regulations".

- Delay of flight will be notified every 10 minutes by unit concerned.
- Flight plan of VIP flight, irrespective of weather condition, must be filed in IFR as much as practicable.
- No clearance given to aircraft in the vicinity of a VIP flight.

12. THAILAND AIR DEFENSE IDENTIFICATION ZONE



## ENR 1.9 AIR TRAFFIC FLOW MANAGEMENT AND AIRSPACE MANAGEMENT

## 1. AIR TRAFFIC FLOW MANAGEMENT (ATFM) SERVICE AND BANGKOK AIR TRAFFIC FLOW MANAGEMENT UNIT (BANGKOK ATFMU)

## 1.1 Introduction

1.1.1 This introduces an overview of air traffic flow management (ATFM) services within the Bangkok FIR by Bangkok ATFM Unit. Content provided includes an introduction to ATFM service, triggering and dissemination of ATFM measures, exemption of flights, Ground Delay Program (GDP) procedure, and important contact information.

1.1.2 Note that content herein provides only a general description of ATFM services, and stakeholders (airspace users, airport operators) should consult associated NOTAM, AIC or ATFM Daily Plan for detailed information whenever an ATFM measure is triggered within the FIR.

## 1.2 Provision of ATFM Services

1.2.1 ATFM services are services provided to balance air traffic demand against ATM resource (airspace or airport) capacity. This is achieved through issuance of various ATFM measures as defined in ICAO Doc 9971 – Manual on Collaborative ATFM. These ATFM measures include Minutes-in-Trail, Miles-in-Trail, Minimum Departure Interval, Ground Delay Program through issuance of Calculated Take-Off Time (due to airspace or airport constraint), Fix Balancing, Speed / Altitude Control, and other applicable ATFM measures. Planning of ATFM service is conducted by the ATFM Unit, while the provision of the service – such as issuance of ATFM measure – may be provided by the ATFM Unit or the ATS Unit depending on the nature of the ATFM measure in place.

1.2.2 For the Bangkok FIR, the ATFM services are provided by Aeronautical Radio of Thailand Ltd (AEROTHAI) from Bangkok Air Traffic Flow Management Unit (Bangkok ATFMU). The services provided comprise preparation and distribution of ATFM Daily Plan (ADP), planning and issuance of ATFM measures to balance demand and capacity in airspace sectors and airports, monitoring and post-operations analysis of ATFM measure compliance, and the provision of ATFM service for westbound flights transiting Kabul FIR between 2000UTC and 2359UTC as specified in subsection 2 of this AIP section. Note that while ATFM measures are in effect, both international and domestic flights may be subjected to such measures. As Bangkok ATFMU operates on a 24-hour basis, ATFM measures may be initiated as and when necessary.

1.2.3 Bangkok ATFMU will exercise due diligence to ensure stakeholders - both local and international - are included or kept updated throughout the decision-making process relating to ATFM services.

## 1.3 Triggering of ATFM measures

1.3.1 An ATFM measure may be triggered when Bangkok ATFMU determines that there will be a demand-capacity imbalance situation at a particular ATM resource. The imbalance may be due to, inter alia, planned airspace or airport closure, special event affecting airport operations, and adverse weather.

1.3.2 Insofar as possible, Bangkok ATFMU will provide advance notification of an ATFM measure to be initiated and its effective period. In the case of pre-planned events, such as annual Children's Day air display or annual joint military air exercise, an AIP Supplement and / or NOTAM will be issued informing stakeholders of ATFM measure to be used. In the case of unplanned events, such as forecast adverse weather, an ATFM Daily Plan (ADP) and / or NOTAM will be issued to provide advance notification. The ADP will be issued via e-mail to stakeholders' key point of contact as well as published on the ATFM website (<https://atfm.aerOTHAI.aero>).

## 1.4 Flights Exempted from ATFM Services

1.4.1 The following flights are exempted from the ATFM procedures:

- a) Flights experiencing an emergency, including aircraft subjected to unlawful interference;
- b) Flights in search and rescue or fire-fighting missions;
- c) Urgent medical evacuation flights specifically declared by medical authorities where flight delays would put the life of the patients at risk;
- d) Flights with "Head of State" status; and
- e) Other flights as may be determined by the appropriate authority.

*Note: After medical flights have completed their mission; they should be subject to ATFM measures. Scheduled patient transfer flights are, by nature, non-urgent and should not be given priority under normal operational situation.*

1.4.2 Airspace Users uncertain whether their flights should be exempted should contact Bangkok ATFMU for clarification.

## 1.5 Accessing ATFM Website

1.5.1 ATFM related information, especially the ADPs and CTOTs, will be published on the ATFM website at <https://atfm.aerOTHAI.aero>. The website requires Airspace Users to have an account to manage their CTOTs. Workshops have been conducted for stakeholders on the use of the website; reference materials including manuals and instructions are provided on the landing page of the website which can be accessed without user accounts.

1.5.2 Should stakeholders require support on accessing the ATFM website, requests can be made to the Bangkok ATFMU via e-mail ([atfm@bobcat.aero](mailto:atfm@bobcat.aero)) for support.

## 1.6 Procedure for Ground Delay Program (GDP) through issuance of Calculated Take-Off Time (CTOT)

One of the key ATFM measures used by Bangkok ATFMU to balance traffic demand against congested resource capacity is Ground Delay Program (GDP) through the issuance of Calculated Take-Off Time (CTOT). CTOTs are calculated based on expected arrival times of flights at the congested resource, adjusted to achieve suitable flow rate, and should provide airspace users with awareness of their departure times. When GDP is activated, all relevant stakeholders (ATS units, airspace users, airport operators, and ground handlers) are requested to adhere to the following procedure:

1.6.1 Flight Plan (FPL) for flights within any portion of the Bangkok FIR, inclusive of overflights and those departing from or landing at aerodromes in Thailand, should be submitted not less than 3 hours prior to the Estimated Off-Block Time (EOBT) except where necessary for operational and technical reasons.

1.6.2 For the flights expected to be subjected to ATFM measures, Delay Message (DLA) should be transmitted when the departure of an aircraft, for which the basic flight plan data (FPL) has been sent, is delayed by more than 15 minutes after the Estimated Off-Block Time contained in the latest submitted basic flight plan data.

1.6.3 Prior to the activation of Ground Delay Program (GDP), an ATFM Daily Plan (ADP) will be distributed to all stakeholders via provided e-mail addresses as well as published on the ATFM website (<https://atfm.aerothai.aero>). Should the e-mail address not be updated, stakeholders can contact Bangkok ATFMU to make necessary revision.

1.6.4 On the day of operations, when possible, Bangkok ATFMU will host a web conference to discuss the GDP operations. When such a conference is to be conducted, the web conference address will be included in the ADP.

1.6.5 CTOT information will be published on the ATFM website at <https://atfm.aerothai.aero> as well as distributed to registered e-mail and AFTN addresses.

1.6.6 For flights with CTOTs, crews shall plan their flights to be ready for push-back at an appropriate timing such that Take-Off Time (TOT) will be in compliance with CTOT.

1.6.7 For flights with CTOTs and departing from aerodromes within Bangkok FIR, follow additional push-back and start-up clearance delivery requirements as follows:

- a) For flights departing from VTBS, VTBD obtain ATC clearance at least 25 minutes prior to CTOT and request push-back/start-up according to the Target Start-Up Approval Time (TSAT) issued by the airport operator.
- b) For flights departing from VTSP, obtain ATC clearance at least 25 minutes prior to CTOT and request push-back/start-up at least 20 minutes prior to CTOT.
- c) For flights departing from other airports in Bangkok FIR, obtain ATC clearance at least 20 minutes prior to CTOT and request push-back/start-up at least 15 minutes prior to CTOT.
- d) ATC shall provide best assistance to ensure flights complying with the above timeframe can takeoff within CTOT compliance window. Failure to comply with the above timeframe may result in further gate holding, and ATC may request crews to obtain new CTOT using ATFM website through their flight operations / dispatch.

1.6.8 Flights with CTOTs operating out of an A-CDM airport, where CTOT is integrated into the A-CDM process, are advised to comply with the local A-CDM procedure.

1.6.9 CTOT compliance windows are provided for ATC at the departure airport to accord operational flexibility in handling airport traffic conditions. CTOT compliance windows are defined as:

- a) -5/+10 minutes for CTOTs assigned in response to constrained arrival airports;
- b) -5/+5 minutes for CTOTs assigned in response to constrained airspace volumes.

Insofar as practicable, ATC shall manage flights to depart as close to the CTOT as possible.

1.6.10 Should there be any change to flight's operating time (CHG, DLA), airspace user shall revise the Estimated Off-Block Time (EOBT) through the ATFM website to obtain a new CTOT prior to ATC Clearance request to avoid excessive delay. As a general rule, airspace users are responsible for new CTOT requests through the ATFM website while their aircraft are still at the parking bays (before off-block); once the aircraft has been cleared for pushback, ATC shall assist in obtaining new CTOT if needed due to ground movement issues.

1.6.11 For flights originally operating outside of the GDP period but delaying into it, airspace users shall contact Bangkok ATFMU to obtain CTOT as soon as possible and prior to clearance delivery. If uncertain whether the flight should be subjected to GDP, contact Bangkok ATFMU to verify.

## 1.7 Bangkok ATFMU Users Manual

Bangkok ATFMU Users Manual provides details information and procedure regarding ATFM operations. The updated manual can be downloaded at the ATFM website <https://atfm.aerothai.aero>.

**1.8 Bangkok Air Traffic Flow Management Unit**

1.8.1 Bangkok ATFMU is staffed 24 hours and may be contacted via the following:

Unit Name: Bangkok ATFMU  
 Tel: +662 287 8024  
 Contingency Mobile: +668 1829 5256  
 AFS: VTBBZDZX  
 E-mail: atfm@bobcat.aero  
 Website: https://atfm.aerothai.aero

**2. AIR TRAFFIC FLOW MANAGEMENT PROCEDURES OVER BAY OF BENGAL, SOUTH ASIA AND PAKISTAN THROUGH KABUL FIR****2.1 Introduction**

2.1.1 The States of the ICAO Asia/Pacific Region, which have westbound nighttime flights operating through the Kabul FIR between 2000UTC and 2359UTC, are re-activating the integrated Air Traffic Flow Management (ATFM) service using the Bay of Bengal Cooperative ATFM System (BOBCAT).

**2.2 Provision of ATFM services for flights transiting Kabul FIR (BOBCAT ATFM)**

2.2.1 As one of the ATFM services provided, Bangkok ATFMU provides ATFM service for westbound flights intending to transit Kabul FIR between 2000 UTC and 2359 UTC daily. The service provided includes calculation, promulgation, and management of mandatory Calculated Take-Off Time (CTOT) and flight level, ATS route, and Calculated Time-Over (CTO) at entry waypoint for entry into Kabul FIR for each affected flight.

2.2.2 Air Navigation Service Providers (ANSPs) retain responsibility for the tactical management of flights that are subjected to this ATFM measure. In discharging tactical responsibilities, ANSPs will manage non-ATFM compliant flights using delayed pushback and start clearances, non-preferred routes and/or flight levels, enroute holding and/or diversion around Kabul FIR.

2.2.3 Bangkok ATFMU utilizes the automated, web-based BOBCAT in providing ATFM service in the Kabul FIR. These responsibilities will be managed in coordination with airspace users and ANSPs concerned.

2.2.4 This section describes in greater detail the procedures involved in the BOBCAT ATFM service. The objectives of this service are to:

- a) Reduce ground and enroute delays;
- b) Maximize capacity and optimize air traffic flow through Kabul FIR;
- c) Provide an informed choice of routing and flight level selection;
- d) Alleviate unplanned in-flight re-routing and technical stops; and
- e) Assist regional ANSPs in planning for and managing workload in handling increased air traffic flow through Kabul FIR.

**2.3 BOBCAT ATFM-affected ATS routes, flight levels, and applicable period**

2.3.1 All westbound flights intending to enter the Kabul FIR between 2000UTC and 2359UTC daily on ATS routes and flight level in Table 1 shall comply with the BOBCAT ATFM procedures contained herein. This includes a mandatory requirement for all flights to obtain a specific ATFM slot allocation – CTOT, CTO at Kabul FIR entry waypoint, allocated flight level, and allocated ATS route – from the Bangkok ATFMU for entry into Kabul FIR during the period above mentioned.

**Table 1: ATS Route and Flight Levels Requiring ATFM Slot Allocation**

| Routing through the Kabul FIR | Metering Waypoint(s) | Flight Levels                     |
|-------------------------------|----------------------|-----------------------------------|
| M875 – TAPIS – L509           | LAJAK                | FL320, FL340, FL360, FL380, FL400 |
| N644                          | DOBAT                | FL320, FL340, FL360, FL380, FL400 |
| L750                          | BIROS                | FL320, FL340, FL360, FL380, FL400 |
| P628                          | ASLUM                | FL320, FL340, FL360, FL380, FL400 |
| UL333                         | SERKA                | FL320, FL340, FL360, FL380, FL400 |

**Note:** Flight Levels availability may be subject to change through amendments of the Kabul FIR Contingency Arrangement. In the interim, the BOBCAT system homepage would display the updated information, along with flight level.

2.3.2 Flights that plan to enter Kabul FIR without an ATFM slot allocation – CTOT, CTO at Kabul FIR entry waypoint, allocated flight level, and allocated ATS route – will be accommodated only after flights with slots have been processed. Such flights should expect delayed pushback and start clearances, non-preferred routes and/or flight levels, enroute holding and/or diversion around Kabul FIR.

#### 2.4 Flights exempted from BOBCAT ATFM

2.4.1 The following flights are exempted from BOBCAT ATFM procedures:

- a) flights experiencing an emergency, including aircraft subject to unlawful interference;
- b) flights on search and rescue (SAR) or rescue and firefighting (RFF) missions;
- c) urgent medical evacuation flights specifically declared by medical authorities where flight delays would put the life of patients at risk;
- d) flights with “Head of State” status; or,
- e) other flights specifically identified by State authorities.

*Note: After medical flights have completed their mission; they should be subject to ATFM measures. Scheduled patient transfer flights are, by nature, non-urgent and should not be given priority under normal operational situation.*

2.4.2 Airspace users uncertain whether their flights should be exempted should contact Bangkok ATFMU for clarification.

#### 2.5 Mandatory CTOT and Kabul FIR slot allocation

2.5.1 Affected flights shall obtain the mandatory Kabul FIR slot allocation – CTOT, CTO at Kabul FIR entry waypoint, and allocated flight level and ATS route from the BOBCAT system. The Kabul FIR slot allocation will enable ANSPs to tactically control westbound flights transiting the Kabul FIR at specified times by assigning minimum spacing requirements at specified FIR boundary waypoints of the Kabul FIR.

2.5.2 The application, calculation, and distribution of CTOT and associated Kabul FIR entry waypoint slot allocations will be managed via internet access to the BOBCAT system in accordance with the BOBCAT ATFM operating procedures in section 2.6.

#### 2.6 BOBCAT ATFM operating procedures

2.6.1 All affected flights are required to submit slot requests to the BOBCAT system by logging into <https://www.bobcat.aero> between 0000 UTC and 1159 UTC on the day of flight and completing the electronic templates provided.

2.6.2 Affected operators who do not have dedicated BOBCAT username/password access should complete the attached application form in Appendix A and email the form to the Bangkok ATFMU as soon as possible.

##### 2.6.3 Slot Allocation Process

The slot allocation is divided into 3 phases, namely; the slot request submission, initial slot allocation, and slot distribution to aircraft operators and ANSPs.

###### a) Slot Request Submission

- Slot requests including preferred ATS route, flight level and Maximum Acceptable Delay (MAD) should be lodged between 0000UTC and 1159UTC on the day of flight. Slot requests may subsequently be amended prior to the cut-off time of 1200UTC. Aircraft operators are encouraged to submit additional slot request options in case their first choice is not available. This may include variations to ATS route, flight level and MADs.
- Slot requests shall be for flight parameters that are able to be met by the flight. For example, flights requesting a slot at FL360 must be able to enter Kabul FIR at FL360. Flight subsequently unable to meet slot parameters (flight level, ATS route, or CTO at Kabul FIR entry waypoint) should expect non-preferred routes and/or flight levels, enroute holding and/or diversion around Kabul FIR.
- Flights that were not allocated a slot in the initial slot allocation, are not satisfied with the allocated slot or did not submit a slot request should select slots from the listing of remaining unallocated slots available immediately after slot distribution has been completed.

###### b) Slot Allocation and Distribution

- Slot allocation will commence at the cut-off time of 1200UTC. BOBCAT will process and generate the slot allocation based on the information submitted in the slot requests. Notification of slot allocation will be made not later than 1230UTC via the BOBCAT ATFM website via AFTN using Slot Allocation Message (SAM) in accordance with the Asia/Pacific AFTN/AMHS-Based Interface Control Document.
- After the slot allocation has been published at <https://www.bobcat.aero>, airspace users can:
  - Use the slot allocation result for ATS flight planning purposes,
  - Cancel the allocated slot and/or,
  - Change slot allocation to another available slot in the published list of unallocated slots.

c) ATS and AIS Units involved within Bangkok FIR (e.g. Bangkok Area Control Centre, Aerodrome Control at the departure airports, AIS Headquarters, AIS Briefing Office, Air Traffic Services Reporting Office, and Base Operations) can also view the slot allocation results at <https://www.bobcat.aero> or <https://atfm.aerothai.aero/ctotdistributor>.

#### 2.6.4 Submission of ATS Flight Plan

- a) Once aircraft operators are in receipt of the slot allocation, they shall submit the ATS flight plan using the time, ATS route and flight level parameters of the BOBCAT allocated slot.
- b) In addition to normal AFTN addressees, operators should also address flight plan (FPL) and related ATS messages (e.g. DLA, CNL, CHG) to the Bangkok ATFMU via AFTN address VTBBZDZX for all flights that have submitted a slot request.

### 2.7 Aircraft operator / pilot-in-command and ANSP responsibilities

#### Aircraft Operator / Pilot-in-Command

2.7.1 In accordance with ICAO PANS ATM provisions, it is the responsibility of the Pilot-in-Command (PIC) and the airspace user to ensure that the aircraft is ready to taxi in time to meet any required departure time. PIC shall be kept informed by their operators of the CTOT, CTO at Kabul FIR entry waypoint, and flight parameters (route, flight level) allocated by BOBCAT.

2.7.2 The PIC, in collaboration with ATC, shall arrange take-off as close as possible to CTOT in order to meet the allocated CTO at Kabul FIR entry waypoint.

2.7.3 For flights with CTOTs from BOBCAT operating out of an A-CDM airport, where the CTOT is integrated into the A-CDM process, PIC are advised to comply with the local A-CDM procedure.

#### Air Navigation Service Providers (ANSPs)

2.7.4 In accordance with ICAO PANS ATM provisions, flights with an ATFM slot allocation should be given priority for take-off to facilitate compliance with CTOT.

2.7.5 CTOT shall be included as part of the initial ATC clearance. In collaboration with the PIC, Aerodrome Control shall ensure that every opportunity and assistance is granted to a flight to meet CTOT and allocated CTO at Kabul FIR entry waypoint.

2.7.6 Flight Data Management Centre (FDMC) shall forward the flight plan information to the Bangkok ATFMU at AFTN address VTBBZDZX

### 2.8 Coordination procedure between aircraft operator / pilot in command, ANSPs, and Bangkok ATFMU to be applied within the Bangkok FIR

2.8.1 Bangkok ATFMU (VTBBZDZX) shall be included in the list of AFTN addressees for NOTAMs regarding any planned activities that may affect slot availability (e.g. reservation of airspace / closure of airspace, non-availability of routes, etc).

2.8.2 Bangkok ATFMU (VTBBZDZX) shall be included in the list of AFTN addressees for ATS messages (e.g. FPL, DEP, DLA, CHG, CNL) relating to flights subject to ATFM procedures.

2.8.3 Prior to departure and before obtaining an Airway Clearance, in circumstances where it becomes obvious that the allocated Kabul FIR slot parameters will not be met, a new slot allocation should be obtained as soon as possible. To avoid frequency congestion, this should be obtained primarily via aircraft operators / flight dispatchers; otherwise Ground Control or Clearance Delivery may be asked for assistance in the coordination with Bangkok ATFMU as an alternative. Early advice that the allocated Kabul FIR slot parameters will be missed also enables the slots so vacated to be efficiently reassigned to other flights.

2.8.4 The PIC shall include the CTOT in the initial ATC clearance request.

2.8.5 A missed slot results in considerable increase in coordination workload for ATC and PIC and should be avoided. To minimize coordination workload in obtaining a revised slot allocation, if the flight is still at the gate and an Airway Clearance has been obtained, PIC shall advise Ground Control of the missed slot and obtains new CTOT as specified in 2.8.3. If it becomes essential, the ATC Clearance may be cancelled.

2.8.6 Prior to departure and after the aircraft has left the gate, in the event that the aircraft is unable to meet the allocated Kabul FIR slot parameters, when requested by the PIC, Aerodrome Control shall assist the PIC in coordination with Bangkok ACC and Bangkok ATFMU for a revised slot allocation.

2.8.7 PIC shall adjust cruise flight to comply with slot parameters at the Kabul FIR entry waypoint, requesting appropriate ATC clearances including speed variations in accordance with published AIP requirements.

### 2.9 BOBCAT ATFM operations for departing aircraft from Aerodromes within Bangkok FIR

2.9.1 For flights with CTOTs from BOBCAT and departing from aerodromes within Bangkok FIR, follow additional push-back and start-up clearance delivery requirements as stipulated in paragraph 1.5.7 of this ENR 1.9.

### 2.10 Basic Computer Requirement

2.10.1 Aircraft Operators and ATS units involved are required to have a device capable of connecting to the BOBCAT website <https://www.bobcat.aero> via the internet, using the following minimum web browser software (supported with security patches):

- a) Microsoft edge version 129 or newer; or
- b) Google Chrome version 137 or newer; or

- c) Safari version 18.5 or newer

## 2.11 ATFM Users Handbook

2.11.1 Supporting documentation, including detailed information in respect of the BOBCAT ATFM operations described above and other pertinent information has been included in the Bay of Bengal and South Asia ATFM Handbook (the "ATFM Users Handbook"), available at <https://www.bobcat.aero>.

2.11.2 ANSPs and aircraft operators shall ensure that they are conversant with and able to apply the relevant procedures described in the ATFM Users Handbook.

## 2.12 Contingency Procedures

2.12.1 In the event that an aircraft operator or ATS unit is unable to access the BOBCAT website, Bangkok ATFMU shall be contacted via the alternative means (telephone, AFTN) described in 2.14.

2.12.2 Contingency procedures for submission of slot request, including activation of Contingency Slot Request Templates (CSRT), are included in the ATFM Users Handbook.

2.12.3 In the event of BOBCAT system failure, Bangkok ATFMU shall notify all parties concerned and advise that BOBCAT ATFM slot allocation procedures are suspended. In this event, all parties concerned will revert to the existing ATM procedures as applicable outside the daily period of ATFM metering.

## 2.13 BOBCAT ATFM System Fault Reporting

2.13.1 An ATFM system fault is defined as a significant occurrence affecting an ATS unit, an aircraft operator or ATFMU resulting from the application of ATFM procedures.

2.13.2 Aircraft operators and ATS units involved in Bangkok FIR, experiencing an ATFM system fault should complete an ATFM System Fault Report Form from the ATFM Users Handbook and forward it to the Bangkok ATFMU at the address indicated on the form. Bangkok ATFMU will analyze all reports, make recommendations/suggestions as appropriate and provide feedback to the parties concerned to enable remedial action.

## 2.14 Bangkok ATFMU Contact Information

Bangkok ATFMU may be contacted via the following:

|                     |                   |
|---------------------|-------------------|
| Unit Name:          | Bangkok ATFMU     |
| Tel:                | +662 287 8024     |
| Contingency Mobile: | +668 1829 5256    |
| E-mail:             | atfmu@bobcat.aero |
| AFS:                | VTBBZDZX          |

## AD 1.5 STATUS OF CERTIFICATION OF AERODROMES

| Aerodrome name<br>Location indicator                             | ICAO Location<br>Indicator | Date of<br>certification | Validity of<br>certification | Remarks  |
|--|----------------------------|--------------------------|------------------------------|--|
| BANGKOK/DON MUEANG<br>INTERNATIONAL AIRPORT                      | VTBD                       | 17 JUL 2023              | 10 years                     | Certified by CAAT<br>Refer AD 2.23 for temporary<br>exemptions granted by<br>CAAT. |
| BANGKOK/SUARNABHUMI<br>INTERNATIONAL AIRPORT                     | VTBS                       | 9 NOV 2022               | 10 years                     | Certified by CAAT  |
| CHIANG MAI/CHIANG MAI<br>INTERNATIONAL AIRPORT                   | VTCC                       | 9 NOV 2022               | 10 years                     | Certified by CAAT  |
| CHIANG RAI/MAE FAH LUANG-<br>CHIANG RAI INTERNATIONAL<br>AIRPORT | VTCT                       | 30 NOV 2023              | 10 years                     | Certified by CAAT  |
| KRABI/KRABI AIRPORT  | VTSG                       | 4 JUL 2025               | 10 years                     | Certified by CAAT  |
| PHITSANULOK/<br>PHITSANULOK AIRPORT                              | VTPP                       | 1 JUL 2025               | 10 years                     | Certified by CAAT  |
| PHUKET/PHUKET INTERNATIONAL<br>AIRPORT                           | VTSP                       | 25 SEP 2024              | 10 years                     | Certified by CAAT<br>Refer AD 2.23 for temporary<br>exemptions granted by<br>CAAT. |
| RAYONG/U-TAPAO RAYONG<br>PATTAYA INTERNATIONAL<br>AIRPORT        | VTBU                       | 2 MAR 2022               | 10 years                     | Certified by CAAT  |
| SONGKHLA/HAT YAI<br>INTERNATIONAL AIRPORT                        | VTSS                       | 25 SEP 2024              | 10 years                     | Certified by CAAT<br>Refer AD 2.23 for temporary<br>exemptions granted by<br>CAAT. |
| SURAT THANI/SAMUI AIRPORT  | VTSM                       | 20 AUG 2022              | 10 years                     | Certified by CAAT<br>Refer AD 2.23 for temporary<br>exemptions granted by<br>CAAT. |
| SURAT THANI/SURAT THANI<br>AIRPORT                               | VTSB                       | 18 NOV 2024              | 10 years                     | Certified by CAAT  |
| YALA/BETONG AIRPORT  | VTSY                       | 28 JAN 2022              | 10 years                     | Certified by CAAT  |
| BURIRUM/BURIRAM AIRPORT  | VTUO                       | 23 JUL 2024              | 10 years                     | Certified by CAAT  |

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## VTSS AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## VTSS - SONGKHLA / HAT YAI INTERNATIONAL AIRPORT

## VTSS AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |  |
|---|--|--|
| 1 | ARP coordinates and site at AD                             | 065558N 1002342E<br>Centre of runway 1600 m from THR RWY 08  |
| 2 | Direction and distance from (city)                         | 12 km SW   |
| 3 | Elevation/Reference temperature                            | 27.5 m (90 ft) / 26.8°C  |
| 4 | Geoid undulation at AD ELEV PSN                            | NIL  |
| 5 | MAG VAR/Annual change                                      | 0° 18' W (2025) / 0° 2' E  |
| 6 | AD Administration, address, telephone, telefax, telex, AFS | Hat Yai International Airport<br>Airports of Thailand Public Company Limited<br>Hat Yai, Songkhla 90115, Thailand<br>Tel: +667 422 7000<br>Fax: +667 425 1334<br>AFS: VTSSYDYX |
| 7 | Types of traffic permitted (IFR/VFR)                       | IFR/VFR  |
| 8 | Remarks  | Operator: Airports of Thailand Public Company Limited (AOT)  |

## VTSS AD 2.3 OPERATIONAL HOURS

|    |                            |  |
|----|----------------------------|--|
| 1  | Aerodrome Operator         | 2300-1700  |
| 2  | Customs and immigration    | Available within AD hours  |
| 3  | Health and sanitation      | Available within AD hours  |
| 4  | AIS Briefing Office        | H24  |
| 5  | ATS Reporting Office (ARO) | H24  |
| 6  | MET Briefing Office        | H24  |
| 7  | ATS                        | H24  |
| 8  | Fuelling                   | AD 0000-1300, from 1300-2359 shall be requested 1 hrs. prior landing, In case of emergency from 1300-2359 service within 45 min.                           |
| 9  | Handling                   | AD 2300-1400, from 1400-1700 shall be requested 3 hrs. prior landing.  |
| 10 | Security                   | H24  |
| 11 | De-icing                   | NIL  |
| 12 | Remarks                    | ATS Reporting Office (ARO):<br>Located at Hat Yai Air Traffic Control Center (1st floor of tower building)<br>Mobile: +669 2262 2436<br>Fax: +66 7425 1050 |

## VTSS AD 2.4 HANDLING SERVICES AND FACILITIES

|   |                              |  |
|---|------------------------------|--|
| 1 | Cargo-handling facilities    | 1 Forks lifts 1.5 t, 1 Tractor. Handling weights up to 18 t per day.<br>Provided by Thai Airways International Public Co.,Ltd.   |
| 2 | Fuel/oil types               | Jet A-1, AVGAS 100 LL  |
| 3 | Fuelling facilities/capacity | Fuelling provide by PTT Public Company Limited.<br>Tel: +667 422 7248<br>Fax: +667 422 7247<br>3 JET A-1 Refueller @ 12,000+22,000+18,000 L<br>AVGAS 100LL Drum tank 50 L @ 1,000 L<br>-JET A-1: 4 tank.TTK 960,000 L<br>-AVGAS 100 LL: Drum tank 50 L @ 1,000 L |

|   |   |   |
|---|---|---|
| 4 | De-icing facilities                     | NIL   |
| 5 | Hangar space for visiting aircraft      | NIL   |
| 6 | Repair facilities for visiting aircraft | NIL   |
| 7 | Remarks                                 | The airport has provided ground handling agents as following:<br>Thai Airways International Public Co.,Ltd<br>E-mail: hdykk@thaairways.com<br>Tel: +667 422 7273<br>Fax: +667 425 1335<br>BAGS Ground Services Co.,Ltd<br>E-mail: hdy-stationmanager@bags-groundservices.com<br>hdy-seniorteam@bags-groundservices.com<br>Tel: +667 422 7264 (23.30-14.30 UTC)<br>+666 1172 2177(24 HR)<br>Fax: +667 425 1558 |

**VTSS AD 2.5 PASSENGER FACILITIES**

|   |                      |  |
|---|----------------------|--|
| 1 | Hotels               | In the city  |
| 2 | Restaurants          | At AD and in the city  |
| 3 | Transportation       | Limousines and Taxis   |
| 4 | Medical facilities   | First aid at AD. Hospitals in the city                         |
| 5 | Bank and Post Office | In the city/ At AD open within AD HR.                          |
| 6 | Tourist Office       | Office in the city<br>Tel: +667 424 3747<br>Fax: +667 424 5986 |
| 7 | Remarks              | NIL  |

**VTSS AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|   |   |  |
|---|---|--|
| 1 | AD category for fire fighting               | Category 9   |
| 2 | Rescue equipment                            | Adequately provided as recommended by ICAO   |
| 3 | Capability for removal of disabled aircraft | Available – Up to B747<br>For removal of disabled aircraft please contact aerodrome coordinator:<br>- Airside Operation Division<br>Tel: +667 422 7765<br>+667 422 7766<br>- Rescue and Fire Fighting Division<br>Tel: +667 422 7021 |
| 4 | Remarks                                     | NIL  |

**VTSS AD 2.7 SEASONAL AVAILABILITY - CLEARING**

|   |                             |   |
|---|-----------------------------|---|
| 1 | Types of clearing equipment | NIL                                     |
| 2 | Clearance priorities        | NIL                                     |
| 3 | Remarks                     | The aerodrome is available all seasons. |

VTSS AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid,<br>MAG VAR<br>CAT of ILS/MLS<br>(For VOR/ILS/MLS,<br>give declination) | ID   | Frequency            | Hours of<br>operation | Position of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks  |
|---|------|----------------------|-----------------------|---|--|--|
| 1   | 2    | 3                    | 4                     | 5   | 6  | 7  |
| DVOR/DME  | HTY  | 115.3 MHz<br>CH100X  | H24                   | 065602.8N<br>1002316.6E                               | 37.3 m   | DVOR/DME restriction, due to mountainous terrain surround DVOR/DME station coverage check does not provide adequate signal to 40 nm at the required altitude in various areas as following: <ul style="list-style-type: none"> <li>- RDL 171-240 DEG at 10 NM<br/>ALT should not below 5,000 ft.</li> <li>- RDL 131-170 DEG at 20 NM<br/>ALT should not below 4,000 ft.</li> <li>- RDL 031-130 DEG at 40 NM<br/>ALT should not below 5,000 ft.</li> <li>- RDL 241-270 DEG at 40 NM<br/>ALT should not below 7,000 ft.</li> <li>- RDL 271-300 DEG at 40 NM<br/>ALT should not below 10,000 ft.</li> <li>- RDL 301-330 DEG at 40 NM<br/>ALT should not below 6,000 ft.</li> <li>- RDL 331-030 DEG at 40 NM<br/>ALT should not below 3,000 ft.</li> </ul> |
| ILS CAT I<br>LOC<br>RWY 26  | IHTY | 109.9 MHz            | H24                   | 065549.0N<br>1002230.1E                               | 37.7 m   | RWY 26 ILS Glide slope not coincident with PAPI starting at 0.7 DME  |
| GP/DME  |      | 333.8 MHz<br>36X     |                       | 065558.8N<br>1002419.3E                               |  |  |
| TACAN   | HTY  | 115.70 MHz<br>CH104X | 2300-1100<br>Daily    | 065541N<br>1002344E                                   |  | HR service 30 Min PN to ATC  |

## VTSS AD 2.20 LOCAL AERODROME REGULATIONS

### 1. VFR REPORTING POINTS AND LOCAL PROCEDURES

#### 1.1 Reporting points for VFR flight

In order to expedite and maintain an orderly flow of air traffic into airport, the procedure of the inbound traffic of VFR flights, conventional and prop-jet aircraft, be set up as follow:

- a) Aircraft entering to land from North of Hat Yai International Airport, shall report over Pak Phayun District, designated as PAPA PAPA (0722.0N 10022.0E) which is approximately 26 NM on R-356 of HTY VOR/DME. When reaching PP the aircraft will be instructed to join aerodrome traffic circuit accordingly.
- b) Aircraft entering to land from East of Hat Yai International Airport, shall report over Chana District, designated as CHARLIE NOVEMBER (0655.0E 10044.5E) which is approximately 20 NM on R-094 of HTY VOR/DME. When reaching CN the aircraft will be instructed to join aerodrome traffic circuit accordingly.
- c) Aircraft entering to land from South of Hat Yai International Airport, shall report over Sadao District, designated as SIERRA DELTA (0639.0N 10027.0E) which is approximately 18 NM on R-175 of HTY VOR/DME. When reaching SD the aircraft will be instructed to join aerodrome traffic circuit accordingly.
- d) Aircraft entering to land from North-west of Hat Yai International Airport, shall report over Khao Hua Chang, designated as KILO CHARLIE (0718.0N 10002.0E) and Rattaphum District, designated as ROMEO PAPA (0708.0N 10016.0E) which are approximately 31 NM on R-315 and 14 NM on R-322 of HTY VOR/DME respectively, when reaching RP the aircraft will be instructed to join aerodrome traffic circuit accordingly.
- e) Aircraft entering from Senanarong camp, Songkhlanagarind hospital, Bangkok Hospital Hat Yai or Northeast of Hat Yai International Airport intended to land at Hat Yai International Airport, shall report over A point, designated as ALPHA POINT(070046.70N 1002457.72E) which is approximately 5 NM on R-020 of HTY VOR/DME. When reaching A point the aircraft will be instructed to join aerodrome traffic circuit or hold accordingly.
- f) Aircraft entering from Southeast of Hat Yai International Airport intended to land at Senanarong camp, Songkhlanagarind hospital or Bangkok Hospital Hat Yai, shall report over B point, designated as BRAVO POINT (070117.62N 1003724.88E) which is approximately 15 NM on R-070 of HTY VOR/DME. When reaching B point the aircraft will be directed to destination accordingly.
- g) Aircraft entering to land from or depart to Southeast of Hat Yai International Airport, shall report over C point, designated as CHARLIE POINT (064938.32N 1003101.16E) which is approximately 10 NM on R-130 of HTY VOR/DME. When reaching C point, the arrival aircraft will be instructed to join aerodrome traffic circuit or hold and departure aircraft will be instructed to establish intended course accordingly.

#### 1.2 Aerodrome traffic circuit

Using both sides of traffic circuit.

#### 1.3 Overhead approach pattern

- a) Using runway 08 by right turn pattern
- b) Using runway 26 by left turn pattern.

### 2. STARTING UP PROCEDURE

2.1 All IFR aircraft are to call "Ground Control" 5 minutes prior to start up to request for ATC clearance.

2.2 Pilot are to inform "Ground Control" their call signs, and proposed flight level if it is different from the flight plan when they make the call as item 2.1 above.

2.3 In order to provide a more flexible ground traffic movement all domestic departures shall on longer be required to be ready to taxi within 5 minutes after clearance received.

### 3. PUSH BACK PROCEDURE

#### 3.1 Procedures for Push-back of aircraft in Apron described on paragraph as follows:

3.1.1 Ground crew must ensure that the area behind an aircraft is clear of vehicles, equipment and other obstructions before the start-up or push-back of aircraft commences.

3.1.2 When the pilot is ready for start-up and push-back, Pilots shall seek confirmation from the ground crew that there is on hazard to his aircraft starting up. Pilots shall then notify the ground controller that he is ready for push-back. On being told by Hat Yai Ground that push-back is approved, Pilots shall co-ordinate with the ground crew for the start-up and push-back of the aircraft.

3.1.3 Pilots are reminded that they shall always use minimum power when starting engine or manoeuvring within the apron area. It is especially important when commencing to taxi that breakaway thrust is kept to an absolute minimum and then reduced to idle thrust as soon as practicable.

- 3.1.4 The points where the tug will be disconnected from the aircraft and breakaway thrust will be applied on "taxilane N"
- 3.1.5 Due to aircraft congestion, self-maneuvering is not permitted at any parking stands, all aircraft must use tow bar for push-back procedures except aircraft code letter C or below that permitted from Hat Yai International Airport.
- 3.2 **The following table describes the procedure for push-back of aircraft from the aircraft stands. When it becomes necessary to vary a procedure to expedite aircraft movements, Hat Yai Ground will issue specific instructions to the pilots.**

| Aircraft stand  | Aircraft push back procedure  |
|-----------------|---|
| Stand 1,2       | The aircraft (on idle power) shall be pushed back on yellow guideline to face East until its nosewheel on safe positioned at the taxilane N, the tug will be disconnected on this position. Breakaway thrust will be applied when cleared to taxi.  |
| Stand 3,4,5,6,7 | The aircraft (on idle power) shall be pushed back on yellow guideline to face either East or West until its nosewheel on safe positioned at the taxilane N, the tug will be disconnected on this position. Breakaway thrust will be applied when cleared to taxi.   |
| Stand 8,9       | The aircraft (on idle power) shall be pushed back on yellow guideline to face west until its nosewheel on safe positioned at the taxilane N, the tug will be disconnected on this position. Breakaway thrust will be applied when cleared to taxi.  |
| Remarks         | Stand 1 and 9 capacity up to code C MAX wingspan 29 m.<br>Stand 2,3,4,7,8 capacity up to code C.<br>Stand 5 capacity up to code E.<br>Stand 6 up to code E MAX wingspan 64 m.<br>Taxi lane N not available for aircraft code E taxi or tow behind stand no. 5,6 When aircraft code E parked at stand 5,6. |

#### 4. SAFEGATE DOCKING SYSTEM – IN SYSTEM AT HAT YAI INTERNATIONAL AIRPORT

##### 4.1 INTRODUCTION

- 4.1.1 The SAFEGATE Docking System – in system is install at bay No. 4, 5 and 6
- 4.1.2 The system enables the pilots seated on the left of the cockpit to position his aircraft on the correct stand centre line and stop position

##### 4.2 PILOT OPERATING INSTRUCTION

###### 4.2.1 Safety procedure

###### a) General warning

The DGS system has a built-in error detection program to inform the aircraft pilot of impending dangers during the docking procedure.

If the pilot is unsure of the information, being shown on the DGS display unit, he must immediate stop the aircraft and obtain further information for clearance.

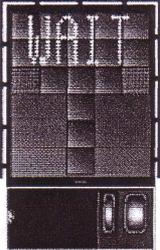
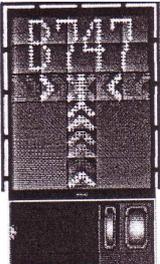
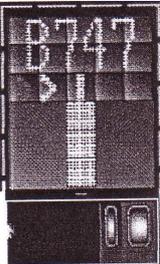
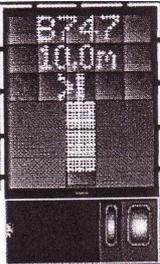
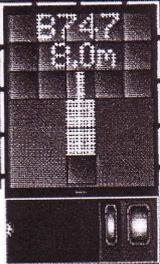
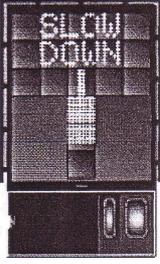
###### b) Item to check before entering the stand area

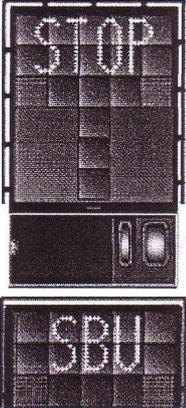
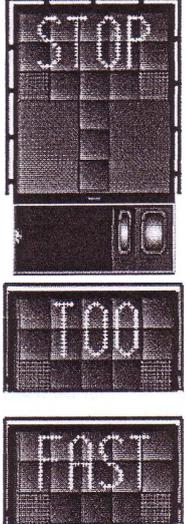
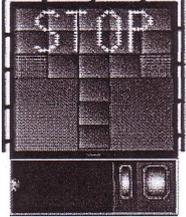
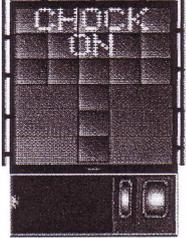
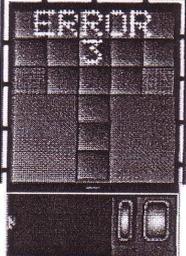
Warning : The pilot shall not enter the stand area, unless the docking system first is showing the vertical running arrows. The pilot must not proceed beyond the bridge, unless these arrows have been superseded by the closing rate bar.

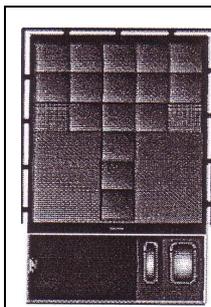
Warning : The pilot shall not enter the stand area, unless the aircraft type displayed is equal to the approaching aircraft/ The Correctness of other information, such as 'door 2', shall also be checked.

###### c) The SBU message

The message STOP SBU means that docking has been interrupted and has to be resumed only by manual guidance. Do not try to resume docking without manual guidance.

|   |  |
|---|--|
|    | <p><b>START-OF-DOCKING</b><br/>The system is started by pressing one of the aircraft type buttons on the operator panel. When the button has been pressed, WAIT will be displayed.</p>   |
|    | <p><b>CAPTURE</b><br/>The floating arrows indicate that the system is activated and in capture mode, searching for an approaching aircraft.<br/>If shall be checked that the correct aircraft type is displayed. The lead-in line shall be followed.<br/>The pilot must not proceed beyond the bridge, unless the arrows have been superseded by closing rate bar.</p> |
|   | <p><b>TRACKING.</b><br/>When the aircraft has been caught by the laser, the floating arrow is replaced by the yellow centre line indicator.<br/>A flashing red arrow indicates the direction to turn.<br/>The vertical yellow arrow shows position in relation to the centre line. This indicator give correct position and azimuth guidance.</p>                      |
|  | <p><b>CLOSING RATE.</b><br/>Display of digital countdown will start when the aircraft is 20 m from stop position.<br/>When the aircraft is less than 12 m from the stop position, the closing rate is indicated by turning off one row of the center line symbol per 0.5 m, covered by the aircraft. Thus, when the last row is turned off, 0.5 m remains to stop.</p> |
|  | <p><b>ALIGNED TO CENTRE</b><br/>The aircraft is eight meters from the stop position. The absence of any direction arrow indicates an aircraft on the centre line.</p>  |
|  | <p><b>SLOW DOWN</b><br/>If the aircraft is approaching faster than the accepted speed, the system will show SLOW DOWN as a warning to the pilot.</p>   |

|   |  |
|---|--|
|    | <p><b>SBU-STOP.</b><br/>Any unrecoverable error during the docking procedure will generate an SBU condition. The display will show red stop bar and the text STOP SBU.<br/>A manual backup procedure must be used for docking guidance.</p>                                    |
|   | <p><b>TOO FAST</b><br/>If the aircraft approaches with a speed higher than the docking system can handle, the message STOP (with red squares) and TOO FAST will be displayed.<br/>The docking system must be re-started or docking procedure completed by manual guidance.</p> |
|  | <p><b>EMERGENCY STOP.</b><br/>When the emergency stop button is pressed, STOP is displayed.</p>  |
|  | <p><b>CHOCKS ON.</b><br/>CHOCK ON will be displayed, when the ground staff has put the chocks in front of the nose wheel and pressed the "Chocks On" button on the operator panel.</p>   |
|  | <p><b>ERROR.</b><br/>If a system error occurs, the message ERROR is display with an error code. The code is used for maintenance purposes and explained else where.</p>  |



**SYSTEM BREAKDOWN**

In case of a severe system failure, the display will go black, except for a red stop indicator. A manual backup procedure must be used for docking guidance.

**POWER FAILURE**

In case of a power failure, the display will be completely black. A manual backup procedure must be used for docking guidance.

**4.3 ALLOCATION OF AIRCRAFT PARKING BAYS.**

All aircraft parking bays are allocated by Ground / Apron. Controller with regard to aircraft type involved and the prevailing or anticipated traffic situation.

**4.4 AIRCRAFT MARSHALLING AND TOWING SERVICES.**

The marshalling of scheduled, non-scheduled, and general aviation aircraft into the bays either manually or by the VDGS Guide-In system, and the pushing out of aircraft for departure with a maximum takeoff weight of 5,700 kilograms, shall be under the responsibility of the aircraft operator or its appointed ground handling agency that has passed Marshalling Signals training as required by Annex 2 and has a certificate from the airline or company that has a duty to provide Marshalling Service.

General aviation aircraft with a maximum takeoff weight below 5,700 kilograms and without a ground handling agent shall notify the ATC to coordinate the Airside Operations Division to provide Marshalling Signal Service.

**4.5 TAXIING PROCEDURES**

Due to the distance between the centerline of runway and centerline of taxiway A is 120 m. and centerline of taxiway J is 150 m. That does not conform to the requirement of The Civil Aviation Authority of Thailand. Operational Restrictions procedure on taxiway A and J as follow

- Taxiway A and J not available to other aircraft when aircraft with code C, D or E taking off or landing on the runway, aircraft may be requested to hold on apron.

**4.5.1 Arriving Aircraft**

4.5.1.1 Aircraft entering the aprons are to follow closely to the taxiing and apron centre line so as to avoid reducing safety distance between them and parking aircraft.

**4.5.2 Departing Aircraft**

4.5.2.1 When start-up clearance is issued by ATC, and then pushed out onto apron centre line.

**5. 180 DEGREES TURN ON RUNWAY**

To prevent runway pavement damage, all aircraft code letter "C" and higher are not allowed to make 180 degrees turn on Runway.

**VTSS AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

## VTSS AD 2.22 FLIGHT PROCEDURES

### 1. LOW VISIBILITY PROCEDURES (LVP)

- 1.1 RWY 26 is equipped with ILS and is approved for CAT I operations.
- 1.2 Low visibility procedures will be established when a visibility of less than RVR 550m.
- 1.3 Low visibility procedures will be enforced based on 3 Phases of Low visibility conditions (LVC) as following.
  - 1.3.1 LVC warning (RVR 800-550m)
    - 1.3.1.1 LVC warning or preparation phase will be established when RVR is less than 800m but not less than 550m.
    - 1.3.1.2 All ground operators will be informed by flashing-orange lights.
    - 1.3.1.3 Standard Operating Procedures (SOPs) for low visibility condition shall be strictly applied by all ground operators.
  - 1.3.2 LVP In Operation (RVR 550m-100m)
    - 1.3.2.1 LVP In Operation will be established when RVR is less than 550m but not less than 100m.
    - 1.3.2.2 All ground operators will be informed by flashing-white lights.
    - 1.3.2.3 Standard Operating Procedures (SOPs) for low visibility condition shall be strictly applied by all ground operators.
    - 1.3.2.4 All the vehicles must have their obstruction light "ON" and comply with speed limit of vehicles on Service road and the Apron area as mentioned in the airport rules and regulations.
    - 1.3.2.5 A Follow-me car is available on stand by to assist pilot during taxi upon request.
    - 1.3.2.6 The number of vehicles on the manoeuvring area shall be restricted. No vehicle enters the ILS sensitive area.
  - 1.3.3 STOP work phase (RVR < 100m)
    - 1.3.3.1 When RVR is less than 100m all ground operators will be informed by flashing-white lights with sound (siren).
    - 1.3.3.2 Standard Operating Procedures (SOPs) for low visibility condition shall be strictly applied by all ground operators.
    - 1.3.3.3 STOP All operations in the apron area.
- 1.4 Termination of low visibility procedures (RVR > 800m)
  - 1.4.1 LVP will be terminated when RVR is greater than 800m and a continuing improvement in these condition is expected.
  - 1.4.2 All ground operators will be informed when LVP is terminated by telephone and all warning lights are turned off.
  - 1.4.3 All ground operators shall resume normal operations.

### 2. SPEED CONTROL PROCEDURE IN HAT YAI TMA

- a) All arriving turbo-propeller and turbo-jet aircraft when flying below 10000 ft AMSL are subject to fly not faster than indicated air speed 250 knots unless authorized by ATC.
- b) Speed will be reduced to 220 knots during 20-25 track miles from touchdown.
- c) 180 knots at Intermediate fix (Including aircraft from RNAV STAR), or shortly before closing heading to intercept or to establish the final course,
- d) 150 to 160 knots at FAP or FAF; all speed to be flown as accurately as possible. At the other times, speed control may be applied on a tactical basis to extent determined by ATC.
- e) Pilots who unable to comply with the speed limits specifics above for reasons of flight safety and/or weather conditions should inform ATC and state the speed acceptable.
- f) ATC will notify that the aircraft may keep its preferred speed without restriction and will use the phrase "NO SPEED RESTRICTIONS". An instruction to notify that the aircraft need no longer comply with the previous issued speed restriction, the phrase "RESUME NORMAL SPEED" will be used.
- g) All aircraft navigating under conditions of RNAV STARs shall conform to speed limitation as published then at IF pilot shall comply with speed control procedures unless otherwise instructed by ATC.
- h) If the pilots do not comply, the flight shall follow ATC instruction for re-sequencing.

NOTE - an instruction to "RESUME NORMAL SPEED" does not cancel speed restrictions that applicable to published procedure of upcoming segments of flight, aircraft shall comply speed restrictions specified in a) b) c) and d)

**3. IFR DEPARTURES OTHER THAN VIA SID**

IFR departure procedures described below are determined for the purpose of case when an instrument departure via SID is impossible or undesirable.

**4. VISUAL DEPARTURES**

Visual departures during take-off and initial climb-out are permitted during the daytime and Visual Meteorological Conditions (VMC). ATC clearance to execute a visual departure may be issued upon request of the pilot or upon initiative of the ATC and accepted by the pilot.

To execute a visual departure

- meteorological conditions in the direction of take-off and the following climb-out shall enable visual reference to terrain up to Minimum Sector Altitude (MSA) or Minimum Flight Altitude (MFA) stated in ATC clearance,
- the pilot shall be responsible for obstacle clearance until such specified altitude,
- the pilot prior to take-off shall agree to execute this procedure,
- the ATC clearance shall be readback,

**5. OMNIDIRECTIONAL DEPARTURES**

Omnidirectional departures during take-off and initial climb-out are permitted during the day and night. ATC clearance to execute an omnidirectional departure may be issued upon request of the pilot or upon initiative of the ATC and accepted by the pilot.

To execute an omnidirectional departure:

- the pilot shall be maintaining a minimum climb gradient up to specific altitude as published shown as below,
- the pilot shall be responsible for adherence to such obtained ATC clearance,
- the pilot prior to take-off shall agree to execute this procedure,
- The ATC clearance shall be readback,

- Runway 08:

HAT YAI OMNI 08 Departure: Required climb gradient 365 ft per NM (6.0%) until 4,400 ft.

| Ground speed          | Knot     | 65  | 75  | 100 | 150 | 200  | 250  | 300  |
|-----------------------|----------|-----|-----|-----|-----|------|------|------|
| Rate of climb<br>6.0% | (ft/min) | 395 | 456 | 608 | 911 | 1215 | 1519 | 1823 |

No turn before DER.

After departure climb straight ahead until 2,000 ft (or altitude assigned by ATC between 2,000 ft – 3,900 ft), then comply with ATC clearance issued (or as directed by ATC).

- Runway 26:

HAT YAI OMNI 26 Departure: Required climb gradient 395 ft per NM (6.5%) until 4,400 ft.

| Ground speed          | Knot     | 65  | 75  | 100 | 150 | 200  | 250  | 300  |
|-----------------------|----------|-----|-----|-----|-----|------|------|------|
| Rate of climb<br>6.5% | (ft/min) | 428 | 494 | 658 | 987 | 1316 | 1646 | 1975 |

No turn before DER.

After departure climb straight ahead until 2,000 ft (or altitude assigned by ATC between 2,000 ft – 3,900 ft), then comply with ATC clearance issued (or as directed by ATC).

**VTSS AD 2.23 ADDITIONAL INFORMATION**

**1. Operations of aircraft at Hat Yai International Airport outside Airport's hours of operation.**

1.1 All aircraft wishing to operate outside specified hours of operations at Hat Yai International Airport shall adhere to the following procedures:

1.1.1 Inform the airport authority, and approval must be received before such operation.

1.1.2 All scheduled and non-scheduled flights, including flight selecting Hat Yai International Airport as alternate aerodrome shall have handling agent at Hat Yai International Airport.

- 1.1.3 Nose-in parking is applicable to all aircraft.
- 1.1.4 Aircraft ready to taxi out shall prepare their own tow bars.

Remark: Aircraft below code letter "C" is allowed to seft-maneuver. Inform Hat Yai before seft-maneuver.

## 2. BIRD CONCENTRATIONS

### 2.1 BIRD CONCENTRATIONS IN THE VICINITY OF AN AERODROME

The existence of birds at Hat Yai International Airport varies throughout the year. The large birds and migratory birds commonly found at Hat Yai International Airport includes the following:

- Asian Openbill or Open-billed Stork (Weighting approximately 1000g - 1300g each)
- Cattle Egret (Weighting approximately 250g - 500g each)
- Oriental Pratincole (Weighting approximately 59g-95g each)

2.2 There could be an increase in bird activities during the usual migratory months of March to July. During this period, migratory birds may use an aerodrome as their feeding and nesting ground.

2.3 There could be some activities to reduce birds such as mowing the grass and plants. Grass mowing takes place in various areas. between 0200-0900 and 1600-2100 UTC. This activity will attract birds during sunrise to sunset. Pilots are advised to exercise with caution. The grass cutting on runway strip and taxiway strip will be carried out at night after last flight operated.

### 3. Exemption granted by The Civil Aviation Authority of Thailand (CAAT):

CAAT has granted exemption vide letter dated 10.07.2024. for non-compliant separation of runway and parallel taxiway (taxiway A and taxiway J). The minimum distance between their centre lines against provisions in the requirement of Civil Aviation Authority of Thailand No.37 Aerodrome Standards - Article 195 for the period up to 10.07.2034.

## VTSS AD 2.24 CHARTS RELATED TO AN AERODROME

| Chart name  | Page          |
|---|---------------|
| Aerodrome Chart - ICAO  | AD 2-VTSS-2-1 |
| Aircraft Parking/Docking Chart - ICAO   | AD 2-VTSS-2-3 |
| Aerodrome Ground Movement Chart - ICAO  | AD 2-VTSS-2-5 |
| Aerodrome Obstacle Chart - ICAO Type A - RWY 08/26  | AD 2-VTSS-3-1 |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 08 - DANDO1D ELREM1D ENVON1D KARMI1D KENNE1D PADPA1D PIMER1D TAXEB1D                        | AD 2-VTSS-6-1 |
| Standard Departure Chart - Instrument (SID) -ICAO - RNAV RWY 08 - DANDO1D ELREM1D ENVON1D KARMI1D KENNE1D PADPA1D PIMER1D TAXEB1D (Tabular description 1) | AD 2-VTSS-6-2 |
| Standard Departure Chart - Instrument (SID) -ICAO - RNAV RWY 08 - DANDO1D ELREM1D ENVON1D KARMI1D KENNE1D PADPA1D PIMER1D TAXEB1D (Tabular description 2) | AD 2-VTSS-6-3 |
| Standard Departure Chart - Instrument (SID) -ICAO - RNAV RWY 26 - DANDO1C ELREM1C ENVON1C KARMI1C KENNE1C PADPA1C PIMER1C TAXEB1C                         | AD 2-VTSS-6-5 |
| Standard Departure Chart - Instrument (SID) -ICAO - RNAV RWY 26 - DANDO1C ELREM1C ENVON1C KARMI1C KENNE1C PADPA1C PIMER1C TAXEB1C (Tabular description 1) | AD 2-VTSS-6-6 |
| Standard Departure Chart - Instrument (SID) -ICAO - RNAV RWY 26 - DANDO1C ELREM1C ENVON1C KARMI1C KENNE1C PADPA1C PIMER1C TAXEB1C (Tabular description 2) | AD 2-VTSS-6-7 |
| Standard Departure Chart - Instrument (SID) -ICAO - RNAV RWY 26 - DANDO1C ELREM1C ENVON1C KARMI1C KENNE1C PADPA1C PIMER1C TAXEB1C (Waypoint list table)   | AD 2-VTSS-6-8 |
| Standard Arrival Chart - Instrument (STAR) - ICAO - RNAV RWY 08 - ELREM1B ENVON1B KENNE1B OBLEX1B PADPA1B PIMER1B TAMOS1B TAXEB1B                         | AD 2-VTSS-7-1 |
| Standard Arrival Chart - Instrument (STAR) - ICAO - RNAV RWY 08 - ELREM1B ENVON1B KENNE1B OBLEX1B PADPA1B PIMER1B TAMOS1B TAXEB1B (Tabular description 1) | AD 2-VTSS-7-2 |
| Standard Arrival Chart - Instrument (STAR) - ICAO - RNAV RWY 08 - ELREM1B ENVON1B KENNE1B OBLEX1B PADPA1B PIMER1B TAMOS1B TAXEB1B (Tabular description 2) | AD 2-VTSS-7-3 |
| Standard Arrival Chart - Instrument (STAR) - ICAO - RNAV RWY 26 - ELREM1A ENVON1A KENNE1A OBLEX1A PADPA1A PIMER1A TAMOS1A TAXEB1A                         | AD 2-VTSS-7-5 |
| Standard Arrival Chart - Instrument (STAR) - ICAO - RNAV RWY 26 - ELREM1A ENVON1A KENNE1A OBLEX1A PADPA1A PIMER1A TAMOS1A TAXEB1A (Tabular description 1) | AD 2-VTSS-7-6 |
| Standard Arrival Chart - Instrument (STAR) - ICAO - RNAV RWY 26 - ELREM1A ENVON1A KENNE1A OBLEX1A PADPA1A PIMER1A TAMOS1A TAXEB1A (Tabular description 2) | AD 2-VTSS-7-7 |
| Instrument Approach Chart - ICAO - VOR A  | AD 2-VTSS-8-1 |

| Chart name  | Page           |
|---|----------------|
| Instrument Approach Chart - ICAO - VOR a (Fix and point list table)               | AD 2-VTSS-8-2  |
| Instrument Approach Chart - ICAO - VOR RWY 26                                     | AD 2-VTSS-8-3  |
| Instrument Approach Chart - ICAO - VOR RWY26 (Fix and point list table)           | AD 2-VTSS-8-4  |
| Instrument Approach Chart – ICAO - ILS or LOC y RWY26                             | AD 2-VTSS-8-5  |
| Instrument Approach Chart – ICAO - ILS orLOC y RWY26 (Fix and point list table)   | AD 2-VTSS-8-6  |
| Instrument Approach Chart – ICAO - ILS or LOC z RWY 26                            | AD 2-VTSS-8-7  |
| Instrument Approach Chart – ICAO - ILS or LOC z RWY 26 (Tabular description)      | AD 2-VTSS-8-8  |
| Instrument Approach Chart – ICAO - ILS or LOC z RWY 26 (Fix and point list table) | AD 2-VTSS-8-9  |
| Instrument Approach Chart - ICAO - RNP RWY 08                                     | AD 2-VTSS-8-11 |
| Instrument Approach Chart - ICAO - RNP RWY 08 (Tabular description)               | AD 2-VTSS-8-12 |
| Instrument Approach Chart - ICAO - RNP RWY 26                                     | AD 2-VTSS-8-13 |
| Instrument Approach Chart - ICAO - RNP RWY 26 (Tabular description)               | AD 2-VTSS-8-14 |

VTSE AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid,<br>MAG VAR<br>CAT of ILS/MLS<br>(For VOR/ILS/MLS,<br>give declination) | ID   | Frequency            | Hours of<br>operation | Position of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks  |
|---|------|----------------------|-----------------------|---|--|--|
| 1   | 2    | 3                    | 4                     | 5   | 6  | 7  |
| NDB   | CP   | 279 KHz              | H24                   | 104303.9N<br>0992158.0E                               |  | 50 NM coverage was check and found as follow:<br><ul style="list-style-type: none"> <li>- Bearing 016-200 degrees ALT should not below 1,500 ft.</li> <li>- Bearing 201-225 degrees ALT should not below 5,000 ft.</li> <li>- Bearing 226-015 degrees unable to perform flight inspection due to border limited</li> </ul>   |
| DVOR/DME  | CPN  | 110 MHz<br>CH37X     | H24                   | 104240.3N<br>0992156.1E                               | 5.50 m<br>(18 ft.)                             | DVOR/DME restriction, due to mountainous terrain surround DVOR/DME station, coverage check does not provide adequate signal clockwise orbit at the required altitude and distance in various areas as follows:<br><ol style="list-style-type: none"> <li>1. 40 NM <ul style="list-style-type: none"> <li>- Radial 011°-020° altitude should not below 5 000 ft.</li> <li>- Radial 021°-050° altitude should not below 4 000 ft.</li> <li>- Radial 051°-100° altitude should not below 2 000 ft.</li> <li>- Radial 101°-110° altitude should not below 4 000 ft.</li> <li>- Radial 111°-190° altitude should not below 2 000 ft.</li> <li>- Radial 191°-225° altitude should not below 4 000 ft.</li> <li>- Radial 226°-230° altitude should not below 6 000 ft.</li> </ul> </li> <li>2. 30 nm (Due to border limited) <ul style="list-style-type: none"> <li>- Radial 231°-270° altitude should not below 5 000 ft.</li> </ul> </li> <li>3. 20 nm (Due to border limited) <ul style="list-style-type: none"> <li>- Radial 271°-010° altitude should not below 5 000 ft.</li> </ul> </li> </ol> |
| LOC RWY 24<br>ILS CAT I   | ICPN | 109.9 MHz            | H24                   | 104218.3N<br>0992103.6E                               |  | LOC: Designated operation coverage 18 NM, ALT 6300 ft AMSL   |
| GP  |      | 333.8 MHz            | H24                   | 104249.3N<br>0992205.9E                               |  | GP: 3 DEG, RDH 50 ft   |
| DME   | ICPN | CH36X<br>(109.9 MHz) | H24                   | 104220.3N<br>0992102.4E                               | 15 ft  | DME: Paired with LOC FREQ.   |

VTSE AD 2.20 LOCAL AERODROME REGULATIONS

1.180 Degrees turn on the runway

To prevent runway pavement damage which may result in the closure of the aerodrome if such damage is severe, aircraft code letter C or higher shall make 180 degrees turn at the runway turn pad located at the end of runway 24 and 06 only. Any breach done by the aircraft operator shall be recorded and reported to The Civil Aviation Authority of Thailand (CAAT) The Headquarter of that operator shall be liable for the compensation caused by such violation.

VTSE AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

**VTSE AD 2.22 FLIGHT PROCEDURES**

**1. VFR PROCEDURES**

Details of VFR entry and exit procedures, see charts.

**2. IFR DEPARTURES OTHER THAN VIA SID**

IFR departure procedures described below are determined for the purpose of case when an instrument departure via SID is impossible or undesirable.

**3. VISUAL DEPARTURES**

Visual departures during take-off and initial climb-out are permitted during the daytime and Visual Meteorological Conditions (VMC). ATC clearance to execute a visual departure may be issued upon request of the pilot or upon initiative of the ATC and accepted by the pilot.

To execute a visual departure

- meteorological conditions in the direction of take-off and the following climb-out shall enable visual reference to terrain up to Minimum Sector Altitude (MSA) or Minimum Flight Altitude (MFA) stated in ATC clearance,
- the pilot shall be responsible for obstacle clearance until such specified altitude,
- the pilot prior to take-off shall agree to execute this procedure,
- the ATC clearance shall be readback,

**4. OMNIDIRECTIONAL DEPARTURES**

Omnidirectional departures during take-off and initial climb-out are permitted during the day and night. ATC clearance to execute an omnidirectional departure may be issued upon request of the pilot or upon initiative of the ATC and accepted by the pilot.

To execute an omnidirectional departure:

- the pilot shall be maintaining a minimum climb gradient up to specific altitude as published shown as below,
- the pilot shall be responsible for adherence to such obtained ATC clearance,
- the pilot prior to take-off shall agree to execute this procedure,
- The ATC clearance shall be readback,

- Runway 06:

CHUMPHON OMNI 06 Departure: Required climb gradient 201 ft per NM (3.3%) until 3,700 ft.

|                       |          |     |     |     |     |     |     |      |
|-----------------------|----------|-----|-----|-----|-----|-----|-----|------|
| Ground speed          | Knot     | 65  | 75  | 100 | 150 | 200 | 250 | 300  |
| Rate of climb<br>3.3% | (ft/min) | 217 | 251 | 334 | 501 | 668 | 835 | 1003 |

No turn before DER.

After departure climb straight ahead until 1,000 ft (or altitude assigned by ATC between 1,000 ft – 3,000 ft), then comply with ATC clearance issued (or as directed by ATC).

- Runway 24:

CHUMPHON OMNI 24 Departure: Required climb gradient 335 ft per NM (5.5%) until 3,700 ft.

|                       |          |     |     |     |     |      |      |      |
|-----------------------|----------|-----|-----|-----|-----|------|------|------|
| Ground speed          | Knot     | 65  | 75  | 100 | 150 | 200  | 250  | 300  |
| Rate of climb<br>5.5% | (ft/min) | 363 | 418 | 557 | 835 | 1114 | 1392 | 1671 |

No turn before DER.

After departure climb straight ahead until 1,500 ft (or altitude assigned by ATC between 1,500 ft – 3,000 ft), then comply with ATC clearance issued (or as directed by ATC).

**VTSE AD 2.23 ADDITIONAL INFORMATION**

**1. BIRD CONCENTRATIONS**

- Bird concentrations in the vicinity of an aerodrome.

## VTUK AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## VTUK - KHON KAEN / KHON KAEN AIRPORT

## VTUK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |   |
|---|--|---|
| 1 | ARP coordinates and site at AD                             | 162759.86N 1024701.26E  |
| 2 | Direction and distance from (city)                         | APRX 8 km SE from the city  |
| 3 | Elevation/Reference temperature                            | 681 ft/37°C   |
| 4 | Geoid Undulation at AD ELEV PSN                            | -99 ft  |
| 5 | MAG VAR/Annual change                                      | 0°59'W(2025)/0°1'E  |
| 5 | AD Administration, address, telephone, telefax, telex, AFS | Director of Khon Kaen Airport<br>Khon Kaen Airport<br>68/24 Moo 5, Tambon Banped<br>Amphoe Muang<br>Khon Kaen Province 40000, Thailand<br>Tel: +664 346 8170-5<br>Fax: +664 346 8186<br>AFS: VTUKYDYX |
| 6 | Types of traffic permitted (IFR/VFR)                       | IFR/VFR   |
| 7 | Remarks  | Operator: Department of Airports  |

## VTUK AD 2.3 OPERATIONAL HOURS

|    |                            |   |
|----|----------------------------|---|
| 1  | Aerodrome Operator         | 2300-1500   |
| 2  | Customs and immigration    | 2300-1500 Other than this period on request   |
| 3  | Health and sanitation      | 2300-1500 Other than this period on request   |
| 4  | AIS Briefing Office        | NIL   |
| 5  | ATS Reporting Office (ARO) | 2300-1500   |
| 6  | MET Briefing Office        | NIL   |
| 7  | ATS                        | 2300-1500   |
| 8  | Fuelling                   | 2400-1300 Other than this period on request   |
| 9  | Handling                   | NIL   |
| 10 | Security                   | NIL   |
| 11 | De-icing                   | NIL   |
| 12 | Remarks                    | ATS Reporting Office (ARO):<br>Located at Udon Thani Air Traffic Control Centre (1st floor of tower building)<br>Tel: +664 223 0124<br>+669 2262 3477<br>Fax: +664 224 2797 |

**VTUK AD 2.4 HANDLING SERVICES AND FACILITIES**

|   |   |  |
|---|---|--|
| 1 | Cargo-handling facilities               | NIL  |
| 2 | Fuel/oil types                          | JET A-1  |
| 3 | Fuelling facilities/capacity            | 1 JET A-1 Refueller @ 12,000 L<br>1 JET A-1 Refueller @ 8,000 L<br>1 AVGAS Refueller @ 3,000 L |
| 4 | De-icing facilities                     | NIL  |
| 5 | Hangar space for visiting aircraft      | NIL  |
| 6 | Repair facilities for visiting aircraft | NIL  |
| 7 | Remarks                                 | NIL  |

**VTUK AD 2.5 PASSENGER FACILITIES**

|   |                      |   |
|---|----------------------|---|
| 1 | Hotels               | In the city   |
| 2 | Restaurants          | Available at the airport and in the city                      |
| 3 | Transportation       | Taxi and Car Rental and Bus                                   |
| 4 | Medical facilities   | NIL   |
| 5 | Bank and Post Office | Bank: open from 0030-1300<br>Post office: open from 0330-1330 |
| 6 | Tourist Office       | NIL   |
| 7 | Remarks              | NIL   |

**VTUK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|   |   |            |
|---|---|------------|
| 1 | AD category for fire fighting               | Category 8 |
| 2 | Rescue equipment                            | Yes        |
| 3 | Capability for removal of disabled aircraft | NIL        |
| 4 | Remarks                                     | NIL        |

**VTUK AD 2.7 SEASONAL AVAILABILITY - CLEARING**

|   |                             |   |
|---|-----------------------------|---|
| 1 | Types of clearing equipment | NIL                                     |
| 2 | Clearance priorities        | NIL                                     |
| 3 | Remarks                     | The aerodrome is available all seasons. |

**VTUK AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

|   |   |   |
|---|---|---|
| 1 | Apron surface and strength                  | APRON1 and APRON2<br>Surface: Concrete<br>Strength: PCN 75/R/C/W/T  |
| 2 | Taxiway width, surface and strength         | TWYA and TWYB<br>Width: 23 m<br>Surface: Asphaltic concrete<br>Strength: PCN 96/F/D/W/T<br>TWYC<br>Width: 23 m<br>Surface: Asphaltic concrete<br>Strength: PCN 65/F/C/X/T<br>TWYD<br>Width: 23 m<br>Surface: Asphaltic concrete<br>Strength: PCN 96/F/D/W/T |
| 3 | Altimeter checkpoint location and elevation | Location : At apron<br>Elevation : 638 ft   |
| 4 | VOR checkpoints                             | NIL   |
| 5 | INS checkpoints                             | NIL   |
| 6 | Remarks                                     | NIL   |

**VTUK AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

|   |   |  |
|---|---|--|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | Aircraft stand ID signs: Marked<br>TWY guide lines: Yes<br>Nose-wheel guide lines at apron<br>VDGS of aircraft stand: Stand number 2 and 3   |
| 2 | RWY and TWY markings and LGT  | RWY marking: RWY Designation, THR, TDZ, RCL, Aiming Point and Side Stripe<br>RWY LGT: THR, RWY Edge and RWY End<br>TWY marking: CL, Edge and RWY Holding Position<br>TWY LGT: TWY Edge |
| 3 | Stop bars   | NIL  |
| 4 | Remarks   | NIL  |

**VTUK AD 2.10 AERODROME OBSTACLES**

| In approach/TKOF areas |  |             | In circling areas and at AD                |             | Remarks |
|------------------------|--|-------------|--|-------------|---------|
| 1                      |  |             | 2  |             |         |
| RWY/Area affected      | Obstacle type<br>Elevation<br>Markings/LGT | Coordinates | Obstacle type<br>Elevation<br>Markings/LGT | Coordinates |         |
| a                      | b  | c           | a  | b           |         |
| NIL                    | NIL  | NIL         | NIL  | NIL         | NIL     |

VTUK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

|    |  |  |
|----|--|--|
| 1  | Associated MET Office  | Upper Northeastern Meteorological Center,<br>Thai Meteorological Department (TMD)  |
| 2  | Hours of service<br>MET Office outside hours                           | H24<br>NIL   |
| 3  | Office responsible for TAF preparation<br>Periods of validity          | Upper Northeastern Meteorological Center<br>24 HR  |
| 4  | Type of landing forecast<br>Interval of issuance                       | TREND<br>1 HR  |
| 5  | Briefing/consultation provided   | Personal Consultation<br>Tel: +664 346 8224<br>Fax: +664 346 8086  |
| 6  | Flight documentation<br>Language(s) used                               | Charts, Tabular forms and Abbreviated Plain Language Texts<br>English  |
| 7  | Charts and other information available for<br>briefing or consultation | S, U85, U70, U50, U40, U30, U25, U20, SWH, SWM, SWL, P85, P70,<br>P50, P40, P30, P25, P20, P15, satellite and radar images |
| 8  | Supplementary equipment available for<br>providing information         | Automated Weather Observing System (AWOS),<br>Low Level Windshear Alert System (LLWAS) and Weather Radar                   |
| 9  | ATS units provided with information                                    | Khon Kaen TWR  |
| 10 | Additional information (limitation of service, etc.)                   | NIL  |

VTUK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations<br>RWY NR | TRUE BRG | Dimensions of<br>RWY (m) | Strength (PCN) and<br>surface of RWY and<br>SWY | THR coordinates<br>RWY end coordinates<br>THR geoid undulation | THR elevation and highest<br>elevation of TDZ of<br>precision APP RWY |
|------------------------|----------|--------------------------|---|--|---|
| 1                      | 2        | 3                        | 4   | 5  | 6   |
| 03                     | 032.83°  | 3050x45                  | PCN 65/F/C/X/T<br>Asphaltic concrete            | 162722.22N 1024636.09E<br>-99 ft                               | THR 604 ft  |
| 21                     | 212.83°  | 3050x45                  | PCN 65/F/C/X/T<br>Asphaltic concrete            | 162837.47N 1024726.40E<br>-99 ft                               | THR 674 ft  |

| Slope of RWY-SWY | SWY<br>dimensions<br>(m) | CWY<br>dimensions<br>(m) | Strip<br>dimensions<br>(m) | RESA<br>dimensions<br>(m) | Location and<br>description of<br>arresting<br>system | OFZ | Remarks                   |
|------------------|--------------------------|--------------------------|----------------------------|---------------------------|---|-----|---------------------------|
| 7                | 8                        | 9                        | 10                         | 11                        | 12  | 13  | 14                        |
| +0.80%           | NIL                      | NIL                      | 3170x280                   | NIL                       | NIL   | NIL | THR displaced<br>by 150 m |
| -0.60%           | NIL                      | NIL                      | 3170x280                   | NIL                       | NIL   | NIL | THR displaced<br>by 150 m |

VTUK AD 2.13 DECLARED DISTANCES

| RWY<br>Designator | TORA<br>(m) | TODA<br>(m) | ASDA<br>(m) | LDA<br>(m) | Remarks                |
|-------------------|-------------|-------------|-------------|------------|------------------------|
| 1                 | 2           | 3           | 4           | 5          | 6                      |
| 03                | 3050        | 3050        | 3050        | 2900       | THR displaced by 150 m |
| 21                | 3050        | 3050        | 3050        | 2900       | THR displaced by 150 m |

VTUK AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY<br>Designator | APCH LGT<br>type<br>LEN INTST | THR LGT<br>colour<br>WBAR | VASIS<br>(MEHT)<br>PAPI | TDZ, LGT<br>LEN | RWY Centre<br>Line LGT<br>Length,<br>spacing,<br>colour,<br>INTST | RWY edge LGT<br>LEN, spacing,<br>colour<br>INTST | RWY End<br>LGT<br>colour<br>WBAR | SWY LGT<br>LEN (m)<br>colour | Remarks |
|-------------------|-------------------------------|---------------------------|-------------------------|-----------------|---|--|----------------------------------|------------------------------|---------|
| 1                 | 2                             | 3                         | 4                       | 5               | 6   | 7  | 8                                | 9                            | 10      |
| 03                | RTIL                          | Green<br>WBAR             | PAPI<br>Left 3°         | NIL             | NIL   | 3050 m<br>60 m<br>White, LIH                     | Red                              | NIL                          | NIL     |
| 21                | RTIL                          | Green<br>WBAR             | PAPI<br>Left 3°         | NIL             | NIL   | 3050 m<br>60 m<br>White, LIH                     | Red                              | NIL                          | NIL     |

VTUK AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

|   |  |  |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: At Tower Building, FLG W G EV 7 SEC<br>IBN: NIL |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | LDI: NIL<br>Anemometer: NIL                          |
| 3 | TWY edge and centre line lighting                        | TWY Edge: All TWY<br>TWY Centre Line: NIL            |

|   |   |  |
|---|---|--|
| 4 | Secondary power supply/switch-over time | Secondary power supply to all lighting at the Air Field Lighting (AFL) building.<br>Switch-over time: 15 SEC |
| 5 | Remarks                                 | Flares 2 HR PN   |

**VTUK AD 2.16 HELICOPTER LANDING AREA**

|   |   |     |
|---|---|-----|
| 1 | Coordinates TLOF or THR of FATO<br>Geoid undulation       | NIL |
| 2 | TLOF and/or FATO elevation M/FT                           | NIL |
| 3 | TLOF and FATO area dimensions, surface, strength, marking | NIL |
| 4 | True and MAG BRG of FATO                                  | NIL |
| 5 | Declared distance available                               | NIL |
| 6 | APP and FATO lighting                                     | NIL |
| 7 | Remarks   | NIL |

**VTUK AD 2.17 ATS AIRSPACE**

|   |                                   |  |
|---|-----------------------------------|--|
| 1 | Designation and lateral limits    | A circle of 5 NM radius centred on KKN DVOR/DME (162815.3N 1024716.8E) |
| 2 | Vertical limits                   | 2000 ft/AGL  |
| 3 | Airspace classification           | C  |
| 4 | ATS unit call sign<br>Language(s) | KHON KAEN TOWER<br>English, Thai                                       |
| 5 | Transition altitude               | 11000 ft   |
| 6 | Remarks                           | NIL  |

**VTUK AD 2.18 ATS COMMUNICATION FACILITIES**

| Service designation | Call sign          | Frequency  | Hours of operation | Remarks                           |
|---------------------|--------------------|--|--------------------|-----------------------------------|
| 1                   | 2                  | 3  | 4                  | 5                                 |
| APP                 | Khon Kaen Approach | 123.4 MHz<br>240.0 MHz<br>121.5 MHz <sup>1)</sup>  | As AD OPR HR       | <sup>1)</sup> Emergency frequency |
| TWR                 | Khon Kaen Tower    | 122.25 MHz<br>236.6 MHz<br>121.5 MHz <sup>1)</sup> | As AD OPR HR       |                                   |
| GND                 | Khon Kaen Ground   | 121.9 MHz  | As AD OPR HR       |                                   |
| ATIS                | Khon Kaen Airport  | 126.85 MHz   | As AD OPR HR       |                                   |

**VTUK AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

| Type of aid,<br>MAG VAR<br>CAT of ILS/MLS<br>(For VOR/ILS/MLS,<br>give declination) | ID  | Frequency          | Hours of<br>operation | Position of<br>transmitting<br>antenna<br>coordinates | Elevation of DME<br>transmitting<br>antenna | Remarks  |
|---|-----|--------------------|-----------------------|---|---|--|
| 1   | 2   | 3                  | 4                     | 5   | 6   | 7  |
| NDB   | KN  | 393 KHz            | H24                   | 162743.41N<br>1024704.18E                             | NIL   | NIL  |
| DVOR/DME  | KKN | 114.9 MHz<br>CH96X | H24                   | 162815.3N<br>1024716.8E                               | NIL   | DVOR/DME restriction due to terrain surround DVOR/DME station, coverage check does not provide adequate signal 40 nm. at required altitude in various areas as follows: <ul style="list-style-type: none"> <li>- Radial 001°-080° altitude should not below 2 500 ft.</li> <li>- Radial 081°-220° altitude should not below 2 000 ft.</li> <li>- Radial 221°-360° altitude should not below 3 500 ft.</li> </ul> |

**VTUK AD 2.20 LOCAL AERODROME REGULATIONS**

**1. 180 DEGREES TURN ON THE RUNWAY**

To prevent runway pavement damage which may result in the closure of the aerodrome if such damage is severe, aircraft code letter C or higher shall make 180 degrees turn at the runway turn pads located on both end of runway. Any breach done by the aircraft operator shall be recorded and reported to The Civil Aviation Authority of Thailand (CAAT)/ The Headquarter of that operator shall be liable for the compensation caused by such violation.

**VTUK AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

**VTUK AD 2.22 FLIGHT PROCEDURES**

**1. VFR Procedures**

Details of VFR entry and exit procedures, see charts.

**2. Take-off and Landing when VTD65 Active**

During military air exercise taking place on exercise area Nam Phong Range (VTD65), all aircraft departing/arriving VTUK shall comply with the following instructions:

- a) Pilot might be requested to take-off RWY 21 and landing RWY 03.
- b) If unable to comply with RWY restriction, pilot shall inform ATC immediately and expect delay.

**3. IFR DEPARTURES OTHER THAN VIA SID**

IFR departure procedures described below are determined for the purpose of case when an instrument departure via SID is impossible or undesirable.

**4. VISUAL DEPARTURES**

Visual departures during take-off and initial climb-out are permitted during the daytime and Visual Meteorological Conditions (VMC). ATC clearance to execute a visual departure may be issued upon request of the pilot or upon initiative of the ATC and accepted by the pilot.

To execute a visual departure

- meteorological conditions in the direction of take-off and the following climb-out shall enable visual reference to terrain up to Minimum Sector Altitude (MSA) or Minimum Flight Altitude (MFA) stated in ATC clearance,
- the pilot shall be responsible for obstacle clearance until such specified altitude,
- the pilot prior to take-off shall agree to execute this procedure,
- the ATC clearance shall be readback,

**5. OMNIDIRECTIONAL DEPARTURES**

Omnidirectional departures during take-off and initial climb-out are permitted during the day and night. ATC clearance to execute an omnidirectional departure may be issued upon request of the pilot or upon initiative of the ATC and accepted by the pilot.

To execute an omnidirectional departure:

- the pilot shall be maintaining a minimum climb gradient up to specific altitude as published shown as below,
- the pilot shall be responsible for adherence to such obtained ATC clearance,
- the pilot prior to take-off shall agree to execute this procedure,
- The ATC clearance shall be readback,

- Runway 03:

KHONKAEN OMNI 03 Departure: Required climb gradient 201 ft per NM (3.3%) until 3,400 ft.

|                       |          |     |     |     |     |     |     |      |
|-----------------------|----------|-----|-----|-----|-----|-----|-----|------|
| Ground speed          | Knot     | 65  | 75  | 100 | 150 | 200 | 250 | 300  |
| Rate of climb<br>3.3% | (ft/min) | 217 | 251 | 334 | 501 | 668 | 835 | 1003 |

No turn before DER.

After departure climb straight ahead until 1,500 ft (or altitude assigned by ATC between 1,500 ft - 3,000 ft), then comply with ATC clearance issued (or as directed by ATC).

- Runway 21:

KHONKAEN OMNI 21 Departure: Required climb gradient 201 ft per NM (3.3%) until 3,400 ft.

|                       |          |     |     |     |     |     |     |      |
|-----------------------|----------|-----|-----|-----|-----|-----|-----|------|
| Ground speed          | Knot     | 65  | 75  | 100 | 150 | 200 | 250 | 300  |
| Rate of climb<br>3.3% | (ft/min) | 217 | 251 | 334 | 501 | 668 | 835 | 1003 |

No turn before DER.

After departure climb straight ahead until 1,500 ft (or altitude assigned by ATC between 1,500 ft - 3,000 ft), then comply with ATC clearance issued (or as directed by ATC).

**VTUK AD 2.23 ADDITIONAL INFORMATION**

**1. BIRD CONCENTRATIONS**

Bird concentrations in the vicinity of an aerodrome.

## VTUK AD 2.24 CHARTS RELATED TO AN AERODROME

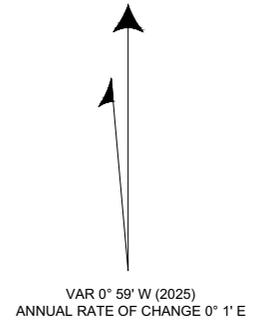
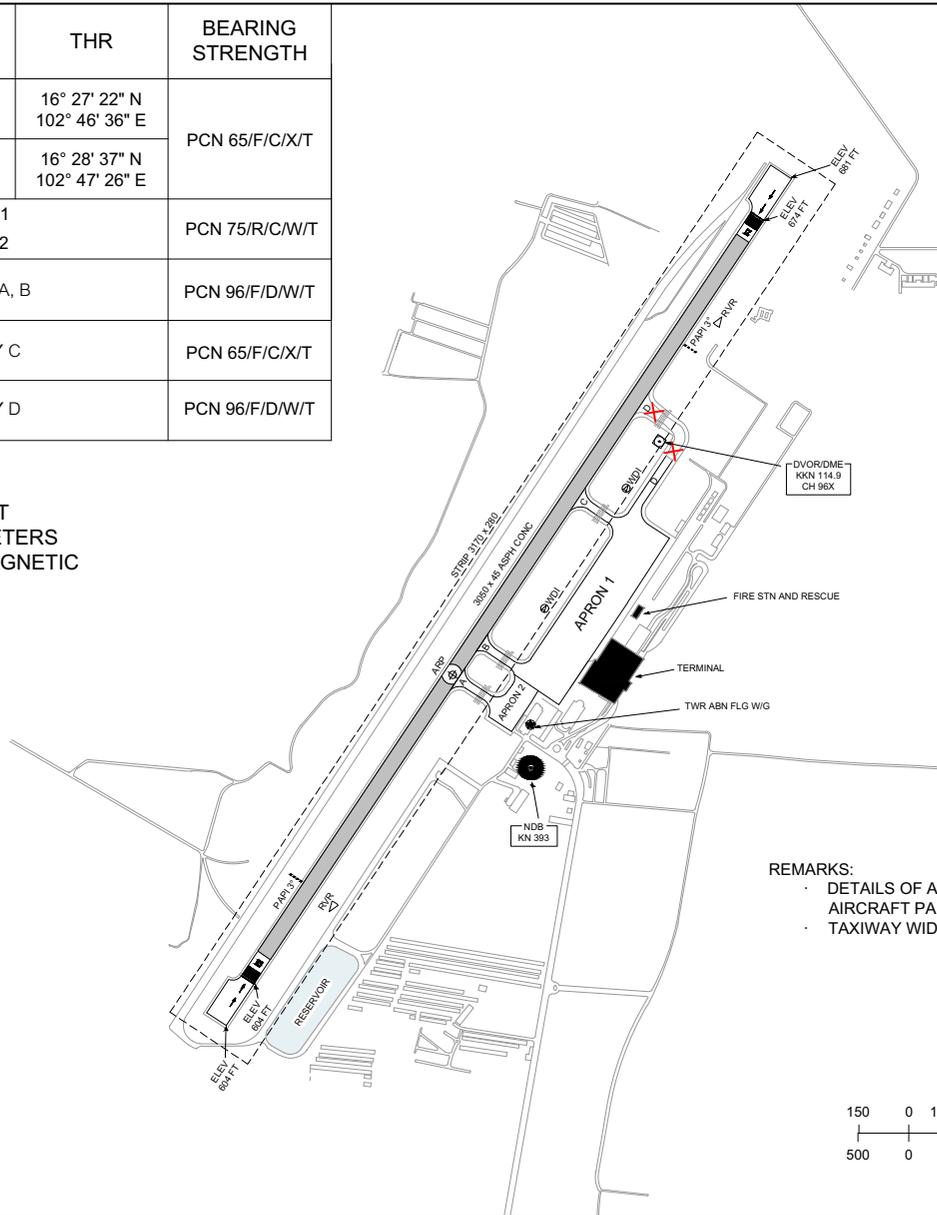
| Chart name   | Page           |
|--|----------------|
| Aerodrome Chart - ICAO   | AD 2-VTUK-2-1  |
| Aircraft Parking/Docking Chart - ICAO  | AD 2-VTUK-2-3  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 03 - AKRET1A ALGIT1A EMRUT1A NEMTE1A ONUV11A SEDNO1C                       | AD 2-VTUK-6-1  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 03 - AKRET1A ALGIT1A EMRUT1A NEMTE1A ONUV11A SEDNO1C (Tabular description) | AD 2-VTUK-6-2  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 03 - AKRET1A ALGIT1A EMRUT1A NEMTE1A ONUV11A SEDNO1C (Waypoint list table) | AD 2-VTUK-6-3  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 21 - AKRET1B ALGIT1B EMRUT1B NEMTE1B ONUV11B SEDNO1D                       | AD 2-VTUK-6-5  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 21 - AKRET1B ALGIT1B EMRUT1B NEMTE1B ONUV11B SEDNO1D (Tabular description) | AD 2-VTUK-6-6  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 21 - AKRET1B ALGIT1B EMRUT1B NEMTE1B ONUV11B SEDNO1D (Waypoint list table) | AD 2-VTUK-6-7  |
| Instrument Approach Chart - ICAO - NDB z RWY 03  | AD 2-VTUK-8-1  |
| Instrument Approach Chart - ICAO - NDB RWY 21  | AD 2-VTUK-8-3  |
| Instrument Approach Chart - ICAO - VOR RWY 03  | AD 2-VTUK-8-5  |
| Instrument Approach Chart - ICAO - VOR RWY 03 (Fix and point list table)   | AD 2-VTUK-8-6  |
| Instrument Approach Chart - ICAO - VOR RWY 21  | AD 2-VTUK-8-7  |
| Instrument Approach Chart - ICAO - VOR RWY 21 (Fix and point list table)   | AD 2-VTUK-8-8  |
| Instrument Approach Chart - ICAO - RNP RWY 03  | AD 2-VTUK-8-9  |
| Instrument Approach Chart - ICAO - RNP RWY 03 (Tabular description)  | AD 2-VTUK-8-10 |
| Instrument Approach Chart - ICAO - RNP RWY 03 (Waypoint list table)  | AD 2-VTUK-8-11 |
| Instrument Approach Chart - ICAO - RNP RWY 21  | AD 2-VTUK-8-13 |
| Instrument Approach Chart - ICAO - RNP RWY 21 (Tabular description)  | AD 2-VTUK-8-14 |
| Instrument Approach Chart - ICAO - RNP RWY 21 (Waypoint list table)  | AD 2-VTUK-8-15 |
| VFR ENTRY PROCEDURE CHART - RWY 03/21 (NORTH)  | AD 2-VTUK-9-1  |
| VFR ENTRY PROCEDURE CHART - RWY 03/21 (NORTH) (Tabular description)  | AD 2-VTUK-9-2  |
| VFR ENTRY PROCEDURE CHART - RWY 03/21 (SOUTH)  | AD 2-VTUK-9-3  |
| VFR ENTRY PROCEDURE CHART - RWY 03/21 (SOUTH) (Tabular description)  | AD 2-VTUK-9-4  |
| VFR EXIT PROCEDURE CHART - RWY 03 (NORTH)  | AD 2-VTUK-9-5  |
| VFR EXIT PROCEDURE CHART - RWY 03 (NORTH) (Tabular description)  | AD 2-VTUK-9-6  |
| VFR EXIT PROCEDURE CHART - RWY 03 (SOUTH)  | AD 2-VTUK-9-7  |
| VFR EXIT PROCEDURE CHART - RWY 03 (SOUTH) (Tabular description)  | AD 2-VTUK-9-8  |
| VFR EXIT PROCEDURE CHART - RWY 21 (NORTH)  | AD 2-VTUK-9-9  |
| VFR EXIT PROCEDURE CHART - RWY 21 (NORTH) (Tabular description)  | AD 2-VTUK-9-10 |
| VFR EXIT PROCEDURE CHART - RWY 21 (SOUTH)  | AD 2-VTUK-9-11 |
| VFR EXIT PROCEDURE CHART - RWY 21 (SOUTH) (Tabular description)  | AD 2-VTUK-9-12 |

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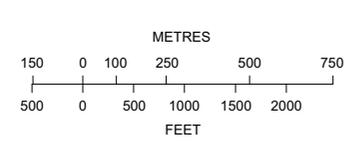
**AERODROME CHART - ICAO**      **16° 28' 00" N**      **ELEV 681 FT**      **TWR 122.25, 236.6**      **KHON KAEN / Khon Kaen**  
**102° 47' 01" E**      **GND 121.9**

| RWY                | DIRECTION | THR                             | BEARING STRENGTH |
|--------------------|-----------|---------------------------------|------------------|
| 03                 | 034°      | 16° 27' 22" N<br>102° 46' 36" E | PCN 65/F/C/X/T   |
| 21                 | 214°      | 16° 28' 37" N<br>102° 47' 26" E |                  |
| APRON 1<br>APRON 2 |           |                                 | PCN 75/R/C/W/T   |
| TAXIWAY A, B       |           |                                 | PCN 96/F/D/W/T   |
| TAXIWAY C          |           |                                 | PCN 65/F/C/X/T   |
| TAXIWAY D          |           |                                 | PCN 96/F/D/W/T   |

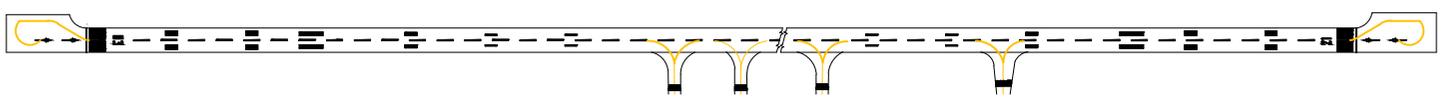
ELEVATION IN FEET  
DIMENSIONS IN METERS  
BEARINGS ARE MAGNETIC



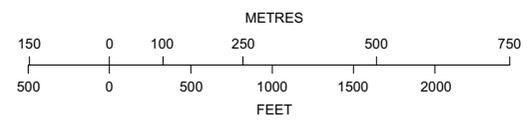
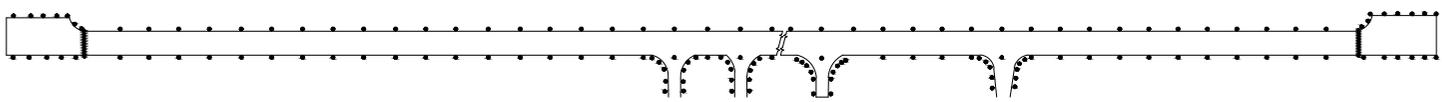
REMARKS:  
 · DETAILS OF AIRCRAFT STANDS ARE SHOWN IN AIRCRAFT PARKING/DOCKING CHART  
 · TAXIWAY WIDTH 23 m.



MARKING AIDS RWY 03/21 AND EXIT TWY



LIGHTING AIDS RWY 03/21 AND EXIT TWY



CHANGE: REVISED CHART, MAG VAR, ANNUAL RATE OF CHANGE, AIP COORDINATES, DIRECTION, THR COORDINATES, APRON AND TWY BEARING STRENGTH (TABULAR).

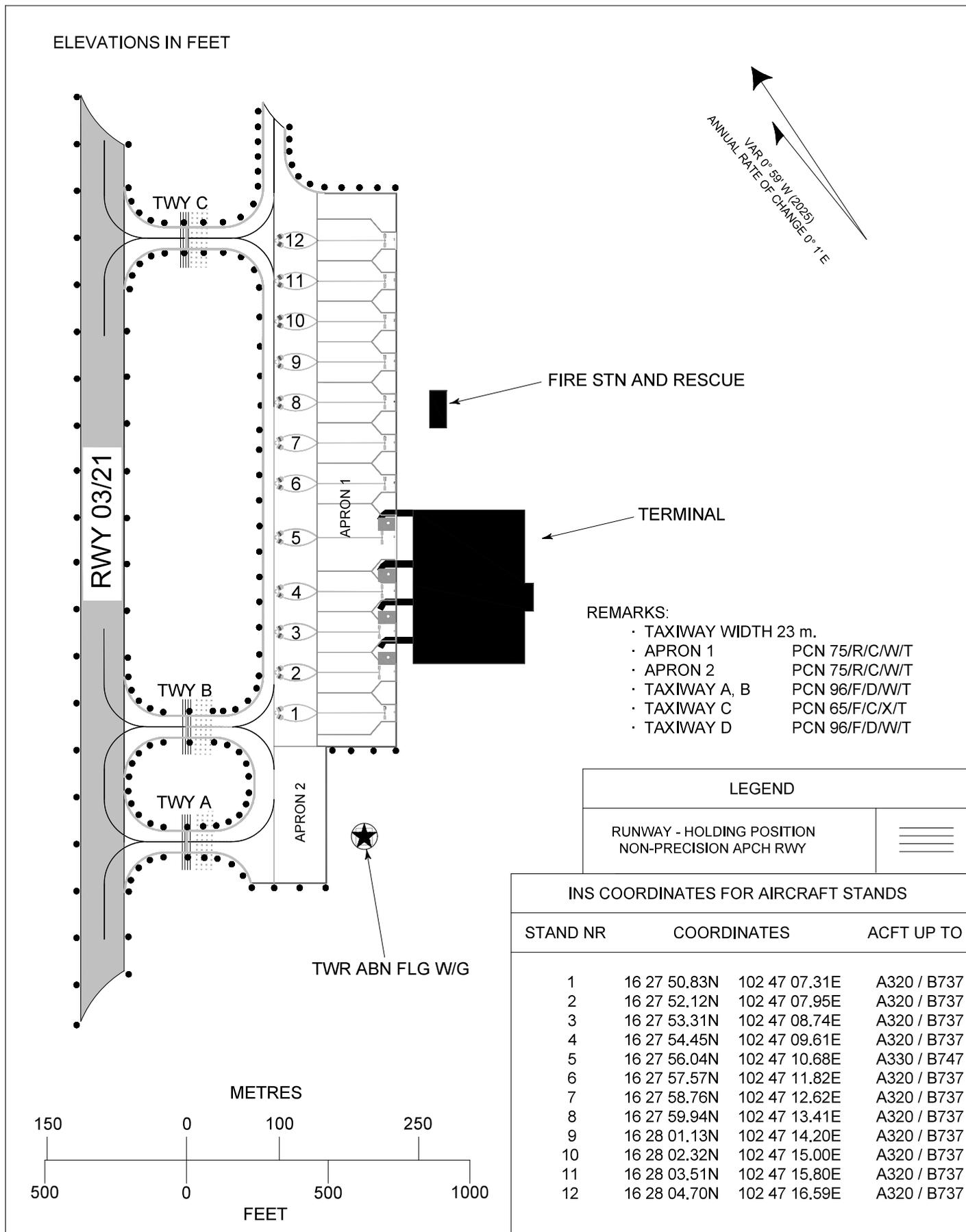
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**AIRCRAFT PARKING/  
DOCKING CHART - ICAO**

**APRON ELEV  
638 FT**

**TWR 122.25, 236.6**  
**GND 121.9**

**KHON KAEN / Khon Kaen**



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## VTCL AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## VTCL - LAMPANG / LAMPANG AIRPORT

## VTCL AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |   |
|---|--|---|
| 1 | ARP coordinates and site at AD                             | 181615N 0993015E  |
| 2 | Direction and distance from (city)                         | 2 km., S from city  |
| 3 | Elevation/Reference temperature                            | 815 ft/37°C   |
| 4 | Geoid Undulation at AD ELEV PSN                            | -126 ft   |
| 5 | MAG VAR/Annual change                                      | 0°55' W(2025) / 0°2' E  |
| 6 | AD Administration, address, telephone, telefax, telex, AFS | Director of Lampang Airport<br>Lampang Airport<br>175 Thanon Sanambin 1, Tambon Phrabaht<br>Amphoe Muang<br>Lampang Province 52000<br>Thailand<br>Tel: +665 482 1505<br>Fax: +665 482 1509<br>AFS: VTCLYDYX |
| 7 | Types of traffic permitted (IFR/VFR)                       | IFR/VFR   |
| 8 | Remarks  | Operator: Department of Airports  |

## VTCL AD 2.3 OPERATIONAL HOURS

|    |                            |  |
|----|----------------------------|--|
| 1  | Aerodrome Operator         | 0030-1230  |
| 2  | Customs and immigration    | NIL  |
| 3  | Health and sanitation      | NIL  |
| 4  | AIS Briefing Office        | NIL  |
| 5  | ATS Reporting Office (ARO) | 0030-1230  |
| 6  | MET Briefing Office        | NIL  |
| 7  | ATS                        | 0030-1230  |
| 8  | Fuelling                   | 0100-1000<br>Lampang Petroleum Terminal<br>59 Highway Lampang-Ngaow Rd.,<br>Chompoo, Muang, Lampang, 52100<br>Tel: +665 422 6111<br>+668 9850 8974<br>+668 9850 8977 |
| 9  | Handling                   | NIL  |
| 10 | Security                   | NIL  |
| 11 | De-icing                   | NIL  |
| 12 | Remarks                    | ATS Reporting Office (ARO):<br>Located at Chiang Mai Air Traffic Control Centre (1st floor of tower building)<br>Tel: +669 1818 5798<br>Fax: +665 327 7897           |

**VTCL AD 2.4 HANDLING SERVICES AND FACILITIES**

|   |   |                                |
|---|---|--------------------------------|
| 1 | Cargo-handling facilities               | NIL                            |
| 2 | Fuel/oil types                          | JET A-1                        |
| 3 | Fuelling facilities/capacity            | 2 JET A-1 Refueller @ 12,000 L |
| 4 | De-icing facilities                     | NIL                            |
| 5 | Hangar space for visiting aircraft      | NIL                            |
| 6 | Repair facilities for visiting aircraft | NIL                            |
| 7 | Remarks                                 | NIL                            |

**VTCL AD 2.5 PASSENGER FACILITIES**

|   |                      |   |
|---|----------------------|---|
| 1 | Hotels               | Near the AD and in the city                   |
| 2 | Restaurants          | Near the AD and in the city                   |
| 3 | Transportation       | Car rental at AD                              |
| 4 | Medical facilities   | Hospital in the city                          |
| 5 | Bank and Post Office | Bank: In the city<br>Post Office: In the city |
| 6 | Tourist Office       | In the city                                   |
| 7 | Remarks              | NIL   |

**VTCL AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|   |   |            |
|---|---|------------|
| 1 | AD category for fire fighting               | Category 6 |
| 2 | Rescue equipment                            | Yes        |
| 3 | Capability for removal of disabled aircraft | NIL        |
| 4 | Remarks                                     | NIL        |

**VTCL AD 2.7 SEASONAL AVAILABILITY - CLEARING**

|   |                             |   |
|---|-----------------------------|---|
| 1 | Types of clearing equipment | NIL                                     |
| 2 | Clearance priorities        | NIL                                     |
| 3 | Remarks                     | The aerodrome is available all seasons. |

**VTCL AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

|   |   |   |
|---|---|---|
| 1 | Apron surface and strength                  | Surface: Concrete<br>Strength: PCN 48/R/C/X/T                         |
| 2 | Taxiway width, surface and strength         | Width: 23 M<br>Surface: Asphaltic concrete<br>Strength PCN 45/F/C/X/T |
| 3 | Altimeter checkpoint location and elevation | Location: At apron<br>Elevation: 794 FT (242.08 M)                    |
| 4 | VOR checkpoints                             | NIL   |
| 5 | INS checkpoints                             | NIL   |
| 6 | Remarks                                     | NIL   |

## VTCL AD 2.24 CHARTS RELATED TO AN AERODROME

| Chart name   | Page           |
|--|----------------|
| Aerodrome Chart - ICAO   | AD 2-VTCL-2-1  |
| Aircraft Parking/Docking Chart - ICAO  | AD 2-VTCL-2-3  |
| Aerodrome Ground Movement Chart - ICAO   | AD 2-VTCL-2-5  |
| Aerodrome Obstacle Chart - ICAO Type A - RWY 18/36   | AD 2-VTCL-3-1  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 18 - IGNAX1D KABMU1D OMDIL1D OTBAD1D PANTA1D VENAG1D                       | AD 2-VTCL-6-1  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 18 - IGNAX1D KABMU1D OMDIL1D OTBAD1D PANTA1D VENAG1D (Tabular description) | AD 2-VTCL-6-2  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 18 - IGNAX1D KABMU1D OMDIL1D OTBAD1D PANTA1D VENAG1D (Waypoint list table) | AD 2-VTCL-6-3  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 36 - IGNAX1C KABMU1C OMDIL1C OTBAD1C VENAG1C                               | AD 2-VTCL-6-5  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 36 - IGNAX1C KABMU1C OMDIL1C OTBAD1C VENAG1C (Tabular description)         | AD 2-VTCL-6-6  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 36 - IGNAX1C KABMU1C OMDIL1C OTBAD1C VENAG1C (Waypoint list table)         | AD 2-VTCL-6-7  |
| Standard Arrival Chart - Instrument (STAR) - ICAO - RNAV RWY 18 - IBIRI1B MEMAN1B OMDIL1B OTBAD1B VENAG1BAD                              | AD 2-VTCL-7-1  |
| Standard Arrival Chart - Instrument (STAR) - ICAO - RNAV RWY 18 - IBIRI1B MEMAN1B OMDIL1B OTBAD1B VENAG1B (Tabular description)          | AD 2-VTCL-7-2  |
| Standard Arrival Chart - Instrument (STAR) - ICAO - RNAV RWY 18 - IBIRI1B MEMAN1B OMDIL1B OTBAD1B VENAG1B (Waypoint list table)          | AD 2-VTCL-7-3  |
| Standard Arrival Chart - Instrument (STAR) - ICAO - RNAV RWY 36 - IBIRI1A IGNAX1A OMDIL1A VENAG1A  | AD 2-VTCL-7-5  |
| Standard Arrival Chart - Instrument (STAR) - ICAO - RNAV RWY 36 - IBIRI1A IGNAX1A OMDIL1A VENAG1A (Tabular description)                  | AD 2-VTCL-7-6  |
| Standard Arrival Chart - Instrument (STAR) - ICAO RNAV RWY 36 - IBIRI1A IGNAX1A OMDIL1A VENAG1A (Waypoint list table)                    | AD 2-VTCL-7-7  |
| Instrument Approach Chart - ICAO - VOR RWY 18  | AD 2-VTCL-8-1  |
| Instrument Approach Chart - ICAO - VOR RWY 18 (Fix and point list table)   | AD 2-VTCL-8-2  |
| Instrument Approach Chart - ICAO - VOR RWY 36  | AD 2-VTCL-8-3  |
| Instrument Approach Chart - ICAO - VOR RWY 36 (Fix and point list table)   | AD 2-VTCL-8-4  |
| Instrument Approach Chart - ICAO - LOC y RWY 36  | AD 2-VTCL-8-5  |
| Instrument Approach Chart - ICAO - LOC y RWY 36 (Fix and point list table)   | AD 2-VTCL-8-6  |
| Instrument Approach Chart - ICAO - LOC z RWY 36  | AD 2-VTCL-8-7  |
| Instrument Approach Chart - ICAO - LOC z RWY 36 (Tabular description)  | AD 2-VTCL-8-8  |
| Instrument Approach Chart - ICAO - LOC z RWY 36 (Fix and point list table)   | AD 2-VTCL-8-9  |
| Instrument Approach Chart - ICAO - RNP RWY 18  | AD 2-VTCL-8-11 |
| Instrument Approach Chart - ICAO - RNP RWY 18 (Tabular description)  | AD 2-VTCL-8-12 |
| Instrument Approach Chart - ICAO - RNP RWY 18 (Waypoint list table)  | AD 2-VTCL-8-13 |
| Instrument Approach Chart - ICAO - RNP RWY 36  | AD 2-VTCL-8-15 |
| Instrument Approach Chart - ICAO - RNP RWY 36 (Tabular description)  | AD 2-VTCL-8-16 |
| Instrument Approach Chart - ICAO - RNP RWY 36 (Waypoint list table)  | AD 2-VTCL-8-17 |

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**AERODROME CHART - ICAO**

**18° 16' 15" N  
099° 30' 15" E**

**ELEV 815 FT**

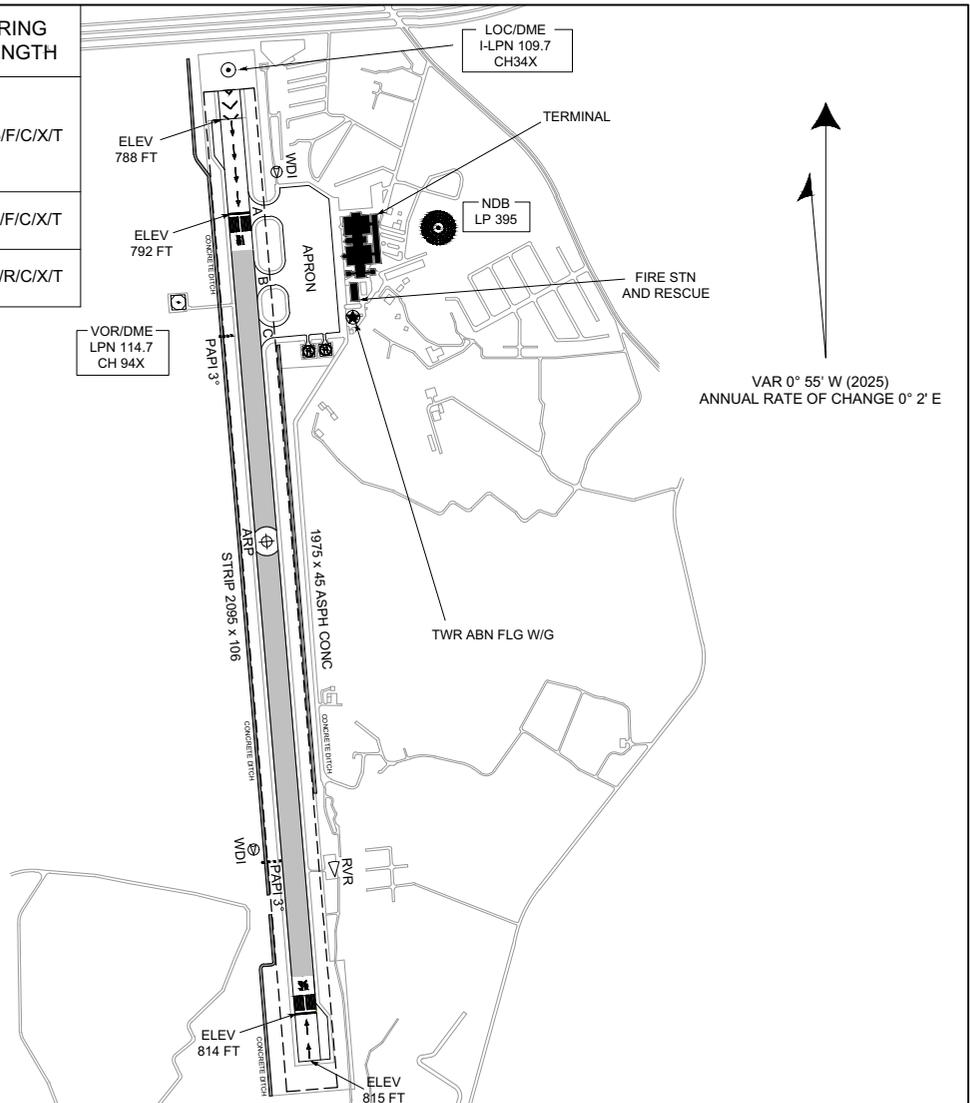
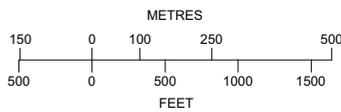
**TWR 122.3  
236.6**

**LAMPANG / Lampang**

| RWY            | DIRECTION | THR                             | BEARING<br>STRENGTH |
|----------------|-----------|---------------------------------|---------------------|
| 18             | 176°      | 18° 16' 42" N<br>099° 30' 13" E | PCN 45/F/C/X/T      |
| 36             | 356°      | 18° 15' 48" N<br>099° 30' 17" E |                     |
| TWY A, B AND C |           |                                 | PCN 45/F/C/X/T      |
| APRON          |           |                                 | PCN 48/R/C/X/T      |

ELEVATION IN FEET  
DIMENSIONS IN METERS  
BEARINGS ARE MAGNETIC

REMARKS:  
· TAXIWAY WIDTH 23 m.

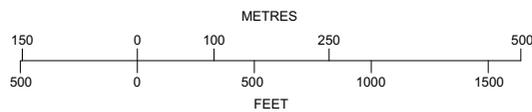
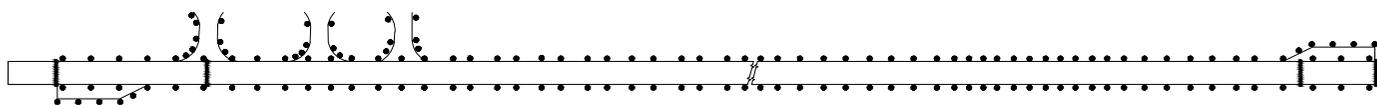


VAR 0° 55' W (2025)  
ANNUAL RATE OF CHANGE 0° 2' E

MARKING AIDS RWY 18/36 AND EXIT TWY



LIGHTING AIDS RWY 18/36 AND EXIT TWY



CHANGE: REVISED CHART, MAG VAR, ANNUAL RATE OF CHANGE, DIRECTION, TABULAR

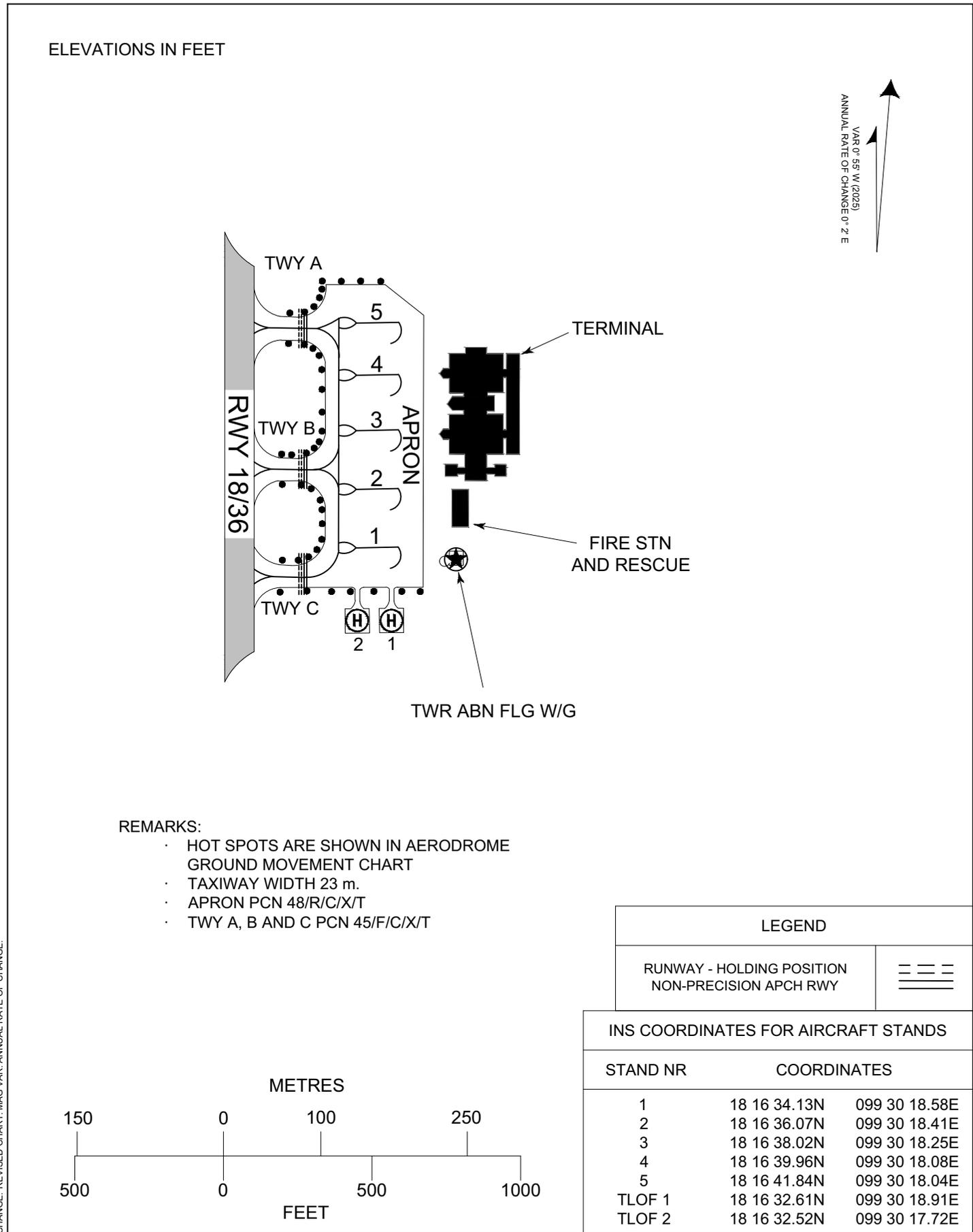
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**AIRCRAFT PARKING/  
DOCKING CHART - ICAO**

**APRON ELEV  
794 FT**

**TWR 122.3  
236.6**

**LAMPANG / Lampang**



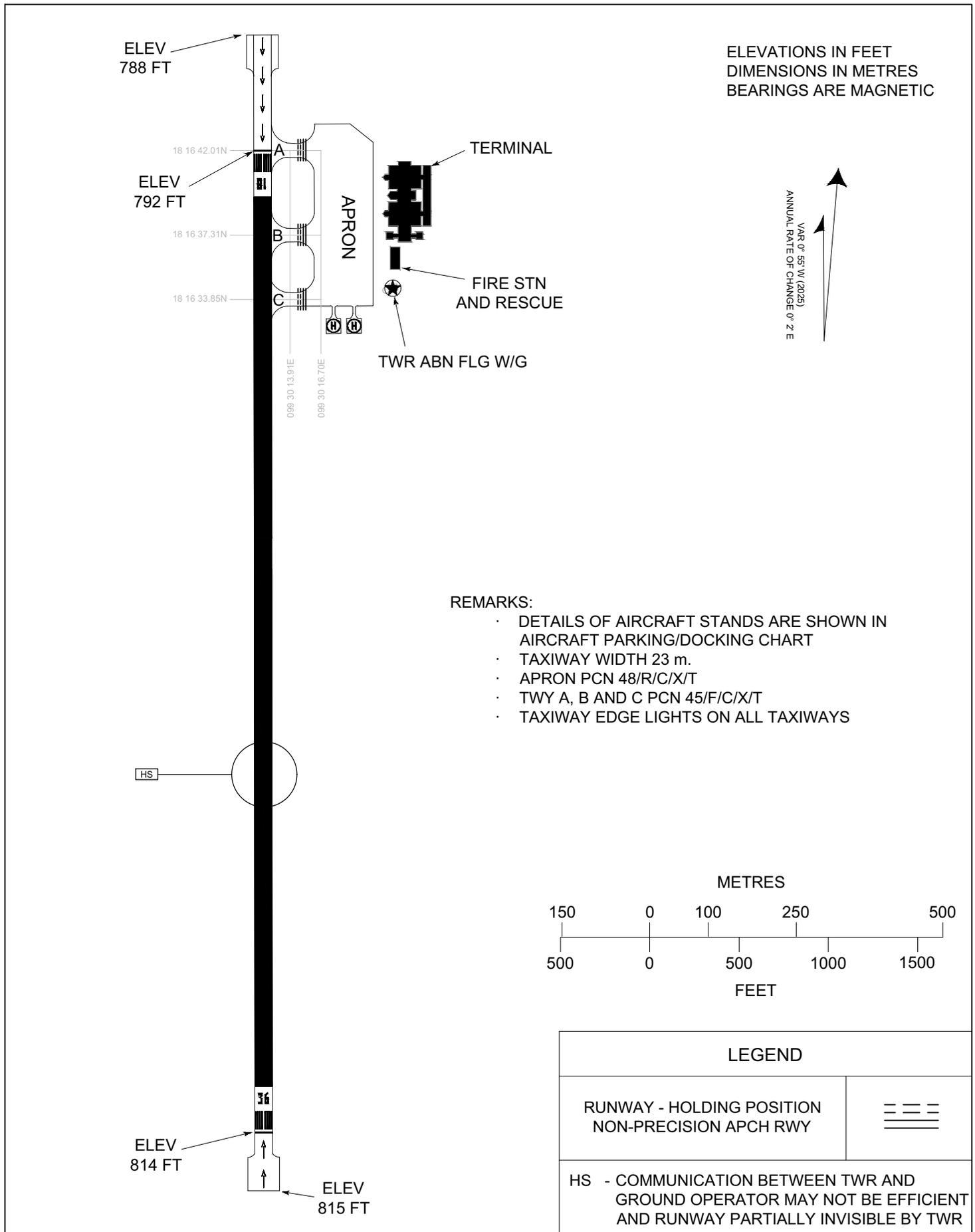
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**AERODROME GROUND  
MOVEMENT CHART - ICAO**

**APRON ELEV  
794 FT**

**TWR 122.3  
236.6**

**LAMPANG / Lampang**



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**AERODROME OBSTACLE CHART - ICAO**  
TYPE A (OPERATING LIMITATIONS)

LAMPANG / Lampang Airport

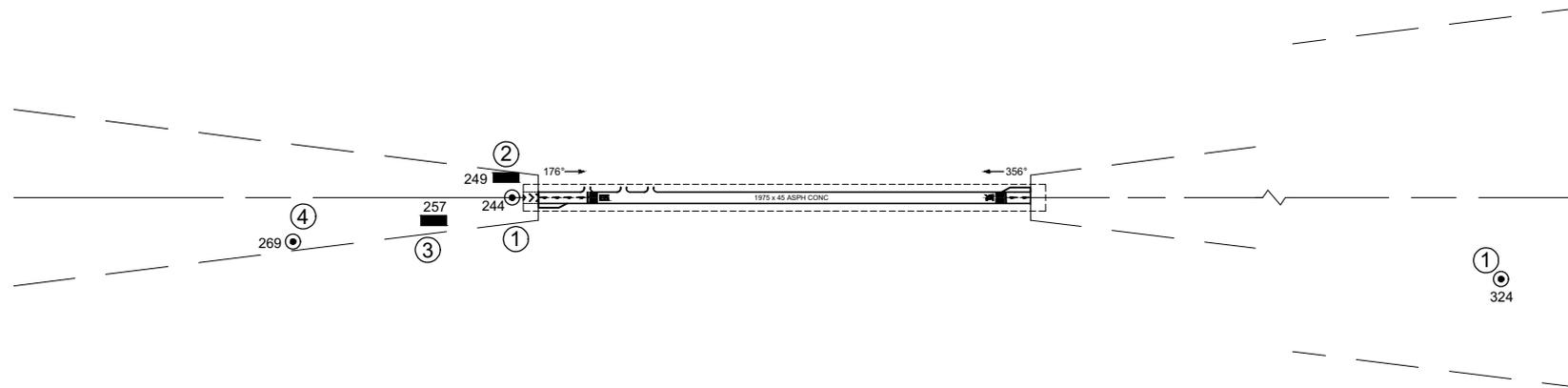
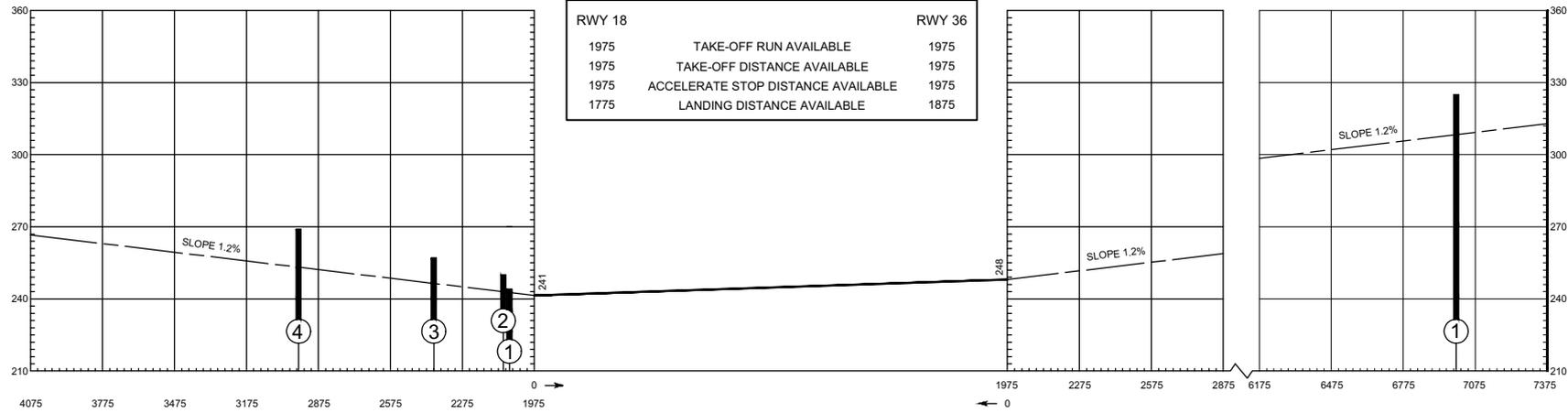
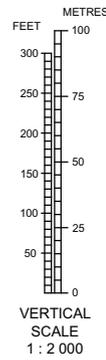
DIMENSIONS AND ELEVATIONS IN METRES

MAGNETIC VARIATION 0° 55' W (2025)  
ANNUAL RATE OF CHANGE 0° 2' E

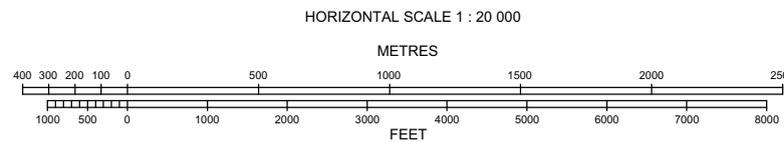
RWY 18 / 36

DECLARED DISTANCES

| RWY 18 |                                    | RWY 36 |  |
|--------|------------------------------------|--------|--|
| 1975   | TAKE-OFF RUN AVAILABLE             | 1975   |  |
| 1975   | TAKE-OFF DISTANCE AVAILABLE        | 1975   |  |
| 1975   | ACCELERATE STOP DISTANCE AVAILABLE | 1975   |  |
| 1775   | LANDING DISTANCE AVAILABLE         | 1875   |  |



| LEGEND                           |   |
|----------------------------------|---|
| IDENTIFICATION NUMBER            | ① |
| POLE, TOWER, SPIRE, ANTENNA, ETC | ⊙ |
| BUILDING OR LARGE STRUCTURE      | ■ |



ORDER OF ACCURACY  
HORIZONTAL 0.5 m  
VERTICAL 0.5 m

CHANGE: REVISED CHART. MAG VAR. ANNUAL RATE OF CHANGE.

**INTENTIONALLY BLANK**

## VTUW AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## VTUW - NAKHON PHANOM / NAKHON PHANOM AIRPORT

## VTUW AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |   |
|---|--|---|
| 1 | ARP coordinates and site at AD                             | 172307.22N 1043830.80E  |
| 2 | Direction and distance from (city)                         | 15 km W from city   |
| 3 | Elevation/Reference temperature                            | 587 ft / 40 °C  |
| 4 | Geoid Undulation at AD ELEV PSN                            | NIL   |
| 5 | MAG VAR/Annual change                                      | 0.98°W (2016)/0.02°W  |
| 6 | AD Administration, address, telephone, telefax, telex, AFS | Director of Nakhon Phanom Airport<br>Nakhon Phanom Airport<br>Tambon Nasai, Amphoe Muang<br>Nakhon Phanom Province 48000<br>Thailand<br>Tel: +664 253 1586<br>Fax: +664 253 1587<br>AFS: VTUWYDYX |
| 7 | Types of traffic permitted (IFR/VFR)                       | IFR/VFR   |
| 8 | Remarks  | Operator: Department of Airports  |

## VTUW AD 2.3 OPERATIONAL HOURS

|    |                            |   |
|----|----------------------------|---|
| 1  | Aerodrome Operator         | 2300-1400   |
| 2  | Customs and immigration    | On request  |
| 3  | Health and sanitation      | On request  |
| 4  | AIS Briefing Office        | NIL   |
| 5  | ATS Reporting Office (ARO) | 2300-1400   |
| 6  | MET Briefing Office        | NIL   |
| 7  | ATS                        | 2300-1400   |
| 8  | Fuelling                   | NIL   |
| 9  | Handling                   | NIL   |
| 10 | Security                   | NIL   |
| 11 | De-icing                   | NIL   |
| 12 | Remarks                    | ATS Reporting Office (ARO):<br>Located at Udon Thani Air Traffic Control Centre (1st floor of tower building)<br>Tel: +664 223 0124<br>+669 2262 3477<br>Fax: +664 224 2797 |

**VTUW AD 2.4 HANDLING SERVICES AND FACILITIES**

|   |   |     |
|---|---|-----|
| 1 | Cargo-handling facilities               | NIL |
| 2 | Fuel/oil types                          | NIL |
| 3 | Fuelling facilities/capacity            | NIL |
| 4 | De-icing facilities                     | NIL |
| 5 | Hangar space for visiting aircraft      | NIL |
| 6 | Repair facilities for visiting aircraft | NIL |
| 7 | Remarks                                 | NIL |

**VTUW AD 2.5 PASSENGER FACILITIES**

|   |                      |                       |
|---|----------------------|-----------------------|
| 1 | Hotels               | In the city           |
| 2 | Restaurants          | In the city           |
| 3 | Transportation       | Limousine, Car Rental |
| 4 | Medical facilities   | NIL                   |
| 5 | Bank and Post Office | NIL                   |
| 6 | Tourist Office       | NIL                   |
| 7 | Remarks              | NIL                   |

**VTUW AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|   |   |            |
|---|---|------------|
| 1 | AD category for fire fighting               | Category 7 |
| 2 | Rescue equipment                            | Yes        |
| 3 | Capability for removal of disabled aircraft | NIL        |
| 4 | Remarks                                     | NIL        |

**VTUW AD 2.7 SEASONAL AVAILABILITY - CLEARING**

|   |                             |   |
|---|-----------------------------|---|
| 1 | Types of clearing equipment | NIL                                     |
| 2 | Clearance priorities        | NIL                                     |
| 3 | Remarks                     | The aerodrome is available all seasons. |

**VTUW AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

|   |   |  |
|---|---|--|
| 1 | Apron surface and strength                  | Surface: Concrete<br>Strength: PCN 61/R/C/X/T  |
| 2 | Taxiway width, surface and strength         | TWY A, B, C, D and P<br>Width: 23 M<br>Surface: Asphaltic concrete<br>Strength: PCN 41/F/C/X/T |
| 3 | Altimeter checkpoint location and elevation | Location: At apron<br>Elevation: 571 FT (174.15 M)   |
| 4 | VOR checkpoints                             | NIL  |
| 5 | INS checkpoints                             | NIL  |
| 6 | Remarks                                     | NIL  |

## VTSC AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## VTSC - NARATHIWAT / NARATHIWAT AIRPORT

## VTSC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |   |
|---|--|---|
| 1 | ARP coordinates and site at AD                             | 063104.21N 1014433.04E  |
| 2 | Direction and distance from (city)                         | 13 km NW, from city   |
| 3 | Elevation/Reference temperature                            | 23 ft/29°C  |
| 4 | Geoid Undulation at AD ELEV PSN                            | -35 ft  |
| 5 | MAG VAR/Annual change                                      | 0°12'W(2025)/0°2'E  |
| 6 | AD Administration, address, telephone, telefax, telex, AFS | Director Of Narathiwat Airport<br>Narathiwat Airport<br>Main Office<br>Narathiwat Province<br>Thailand<br>Tel: +667 356 5061-5<br>Fax: +667 356 5066<br>AFS: VTSCYDYX |
| 7 | Types of traffic permitted (IFR/VFR)                       | IFR/VFR   |
| 8 | Remarks  | Operator: Department of Airports  |

## VTSC AD 2.3 OPERATIONAL HOURS

|    |                            |   |
|----|----------------------------|---|
| 1  | Aerodrome Operator         | 2300-1100   |
| 2  | Customs and immigration    | On request  |
| 3  | Health and sanitation      | On request  |
| 4  | AIS Briefing Office        | NIL   |
| 5  | ATS Reporting Office (ARO) | 2300-1100   |
| 6  | MET Briefing Office        | NIL   |
| 7  | ATS                        | 2300-1100   |
| 8  | Fuelling                   | NIL   |
| 9  | Handling                   | NIL   |
| 10 | Security                   | NIL   |
| 11 | De-icing                   | NIL   |
| 12 | Remarks                    | ATS Reporting Office (ARO):<br>Located at Hat Yai Air Traffic Control Centre (1st floor of tower building)<br>Tel: +669 2262 2436<br>Fax: +667 425 1050 |

## VTSC AD 2.4 HANDLING SERVICES AND FACILITIES

|   |   |     |
|---|---|-----|
| 1 | Cargo-handling facilities               | NIL |
| 2 | Fuel/oil types                          | NIL |
| 3 | Fuelling facilities/capacity            | NIL |
| 4 | De-icing facilities                     | NIL |
| 5 | Hangar space for visiting aircraft      | NIL |
| 6 | Repair facilities for visiting aircraft | NIL |
| 7 | Remarks                                 | NIL |

**VTSC AD 2.5 PASSENGER FACILITIES**

|   |                      |             |
|---|----------------------|-------------|
| 1 | Hotels               | In the city |
| 2 | Restaurants          | In the city |
| 3 | Transportation       | NIL         |
| 4 | Medical facilities   | NIL         |
| 5 | Bank and Post Office | NIL         |
| 6 | Tourist Office       | NIL         |
| 7 | Remarks              | NIL         |

**VTSC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|   |   |            |
|---|---|------------|
| 1 | AD category for fire fighting               | Category 6 |
| 2 | Rescue equipment                            | Yes        |
| 3 | Capability for removal of disabled aircraft | NIL        |
| 4 | Remarks                                     | NIL        |

**VTSC AD 2.7 SEASONAL AVAILABILITY - CLEARING**

|   |                             |  |
|---|-----------------------------|--|
| 1 | Types of clearing equipment | NIL                                    |
| 2 | Clearance priorities        | NIL                                    |
| 3 | Remarks                     | The aerodrome is available all seasons |

**VTSC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

|   |   |  |
|---|---|--|
| 1 | Apron surface and strength                  | Surface: Concrete<br>Strength: PCN 65/R/C/X/T                          |
| 2 | Taxiway width, surface and strength         | Width: 23 M<br>Surface: Asphaltic concrete<br>Strength: PCN 65/F/C/X/T |
| 3 | Altimeter checkpoint location and elevation | NIL  |
| 4 | VOR checkpoints                             | NIL  |
| 5 | INS checkpoints                             | NIL  |
| 6 | Remarks                                     | NIL  |

**VTSC AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

|   |   |  |
|---|---|--|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | Aircraft stand ID signs: Marked<br>TWY guide lines: Yes<br>Nose-wheel guide lines at apron<br>VDGS of aircraft stands: NIL,<br>aircraft parking shall follow marshaller strictly.        |
| 2 | RWY and TWY markings and LGT  | RWY markings: RWY Designation, THR, TDZ, RCL, Aiming Point and Side Stripe<br>RWY LGT: THR, RWY Edge and RWY End<br>TWY markings: CL, Edge and RWY Holding Position<br>TWY LGT: TWY Edge |
| 3 | Stop bars   | NIL  |
| 4 | Remarks   | NIL  |

**3. OMNIDIRECTIONAL DEPARTURES**

Omnidirectional departures during take-off and initial climb-out are permitted during the day and night. ATC clearance to execute an omnidirectional departure may be issued upon request of the pilot or upon initiative of the ATC and accepted by the pilot.

**To execute an omnidirectional departure:**

- the pilot shall be maintaining a minimum climb gradient up to specific altitude as published shown as below,
- the pilot shall be responsible for adherence to such obtained ATC clearance,
- the pilot prior to take-off shall agree to execute this procedure,
- The ATC clearance shall be readback,

- Runway 02:

**NARA OMNI 02 Departure: Required climb gradient 304 ft per NM (5.0%) until 5,000 ft.**

|                    |          |     |     |     |     |      |      |      |
|--------------------|----------|-----|-----|-----|-----|------|------|------|
| Ground speed       | Knot     | 65  | 75  | 100 | 150 | 200  | 250  | 300  |
| Rate of climb 5.0% | (ft/min) | 329 | 380 | 506 | 760 | 1013 | 1266 | 1519 |

No turn before DER.

After departure climb straight ahead until 1,000 ft (or altitude assigned by ATC between 1,000 – 5,000 ft), then comply with ATC clearance issued (or as directed by ATC).

- Runway 20:

**NARA OMNI 20 Departure: Required climb gradient 383 ft per NM (6.3%) until 5,000 ft.**

|                    |          |     |     |     |     |      |      |      |
|--------------------|----------|-----|-----|-----|-----|------|------|------|
| Ground speed       | Knot     | 65  | 75  | 100 | 150 | 200  | 250  | 300  |
| Rate of climb 6.3% | (ft/min) | 415 | 478 | 638 | 957 | 1276 | 1595 | 1914 |

No turn before DER.

After departure climb straight ahead until 1,500 ft (or altitude assigned by ATC between 1,500 – 5,000 ft), then comply with ATC clearance issued (or as directed by ATC).

**VTSC AD 2.23 ADDITIONAL INFORMATION****1. BIRD CONCENTRATIONS**

- Bird concentrations in the vicinity of an aerodrome.

VTSC AD 2.24 CHARTS RELATED TO AN AERODROME

| Chart name   | Page           |
|--|----------------|
| Aerodrome Chart - ICAO   | AD 2-VTSC-2-1  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 02 - ERVES1A NUBKA1A                       | AD 2-VTSC-6-1  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 02 - ERVES1A NUBKA1A (Tabular description) | AD 2-VTSC-6-2  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 20 - ERVES1B NUBKA1B                       | AD 2-VTSC-6-3  |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 20 - ERVES1B NUBKA1B (Tabular description) | AD 2-VTSC-6-4  |
| Instrument Approach Chart - ICAO - VOR RWY 02  | AD 2-VTSC-8-1  |
| Instrument Approach Chart - ICAO - VOR RWY 02 (Fix and point list table)                                 | AD 2-VTSC-8-2  |
| Instrument Approach Chart - ICAO - VOR RWY 20  | AD 2-VTSC-8-3  |
| Instrument Approach Chart - ICAO - VOR RWY 20 (Fix and point list table)                                 | AD 2-VTSC-8-4  |
| Instrument Approach Chart - ICAO - ILS or LOC y RWY 02   | AD 2-VTSC-8-5  |
| Instrument Approach Chart - ICAO - ILS or LOC y RWY 02 (Fix and point list table)                        | AD 2-VTSC-8-6  |
| Instrument Approach Chart - ICAO - ILS or LOC z RWY 02   | AD 2-VTSC-8-7  |
| Instrument Approach Chart - ICAO - ILS or LOC z RWY 02 (Tabular description)                             | AD 2-VTSC-8-8  |
| Instrument Approach Chart - ICAO - ILS or LOC z RWY 02 (Fix and Point list table)                        | AD 2-VTSC-8-9  |
| Instrument Approach Chart - ICAO - RNP RWY 02  | AD 2-VTSC-8-11 |
| Instrument Approach Chart - ICAO - RNP RWY 02 (Tabular description)                                      | AD 2-VTSC-8-12 |
| Instrument Approach Chart - ICAO - RNP RWY 20  | AD 2-VTSC-8-13 |
| Instrument Approach Chart - ICAO - RNP RWY 20 (Tabular description)                                      | AD 2-VTSC-8-14 |

**AERODROME CHART - ICAO**

**06° 31' 04" N  
101° 44' 33" E**

**ELEV 23 FT**

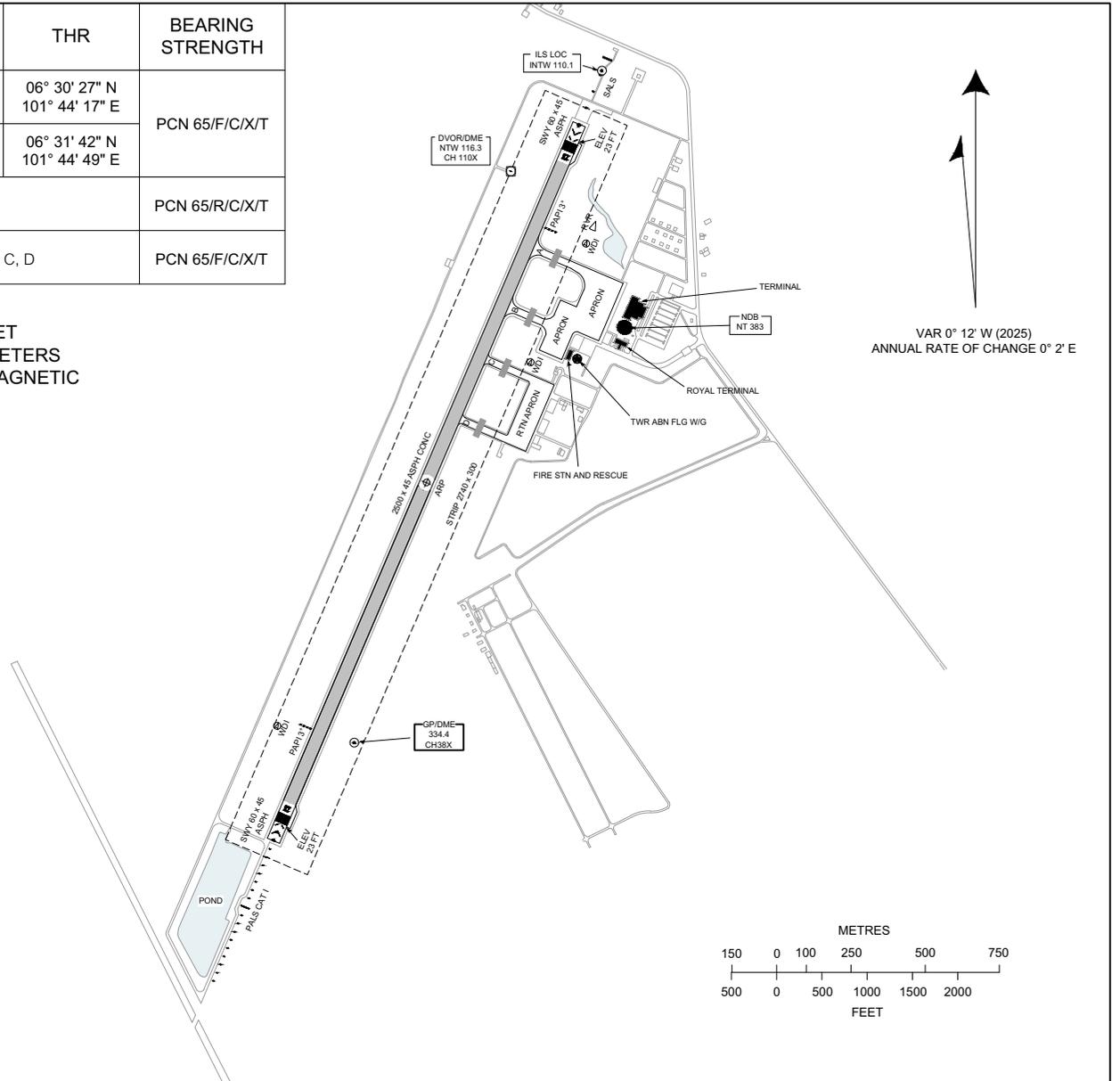
**TWR 122.7, 236.6  
GND 121.9**

**NARATHIWAT / Narathiwat**

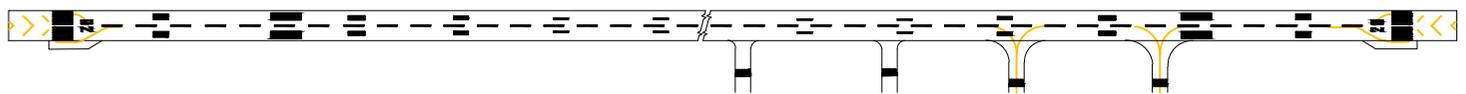
| RWY                | DIRECTION | THR                             | BEARING STRENGTH |
|--------------------|-----------|---------------------------------|------------------|
| 02                 | 024°      | 06° 30' 27" N<br>101° 44' 17" E | PCN 65/F/C/X/T   |
| 20                 | 204°      | 06° 31' 42" N<br>101° 44' 49" E |                  |
| APRON              |           |                                 | PCN 65/R/C/X/T   |
| TAXIWAY A, B, C, D |           |                                 | PCN 65/F/C/X/T   |

ELEVATION IN FEET  
DIMENSIONS IN METERS  
BEARINGS ARE MAGNETIC

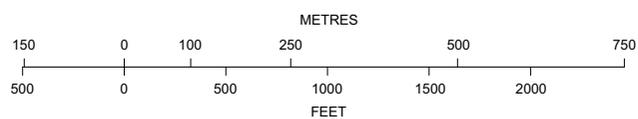
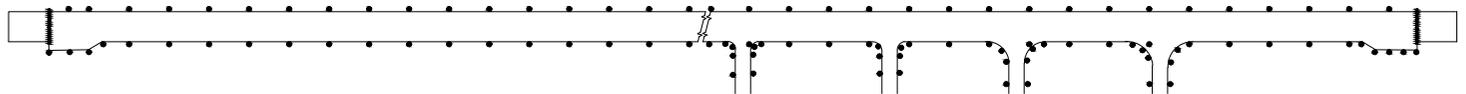
REMARKS:  
TAXIWAY WIDTH 23 m



MARKING AIDS RWY 02/20 AND EXIT TWY



LIGHTING AIDS RWY 02/20 AND EXIT TWY



CHANGE: REVISED CHART, MAG VAR, ANNUAL RATE OF CHANGE.

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## VTST AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## VTST - TRANG / TRANG AIRPORT

## VTST AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |   |
|---|--|---|
| 1 | ARP coordinates and site at AD                             | 073031.02N 0993656.79E  |
| 2 | Direction and distance from (city)                         | 7 KM S, from city   |
| 3 | Elevation/Reference temperature                            | 67 FT / 31°C  |
| 4 | Geoid Undulation at AD ELEV PSN                            | NIL   |
| 5 | MAG VAR/Annual change                                      | 0.37°W(2016)/0.01°E   |
| 6 | AD Administration, address, telephone, telefax, telex, AFS | Director of Trang Airport<br>Trang Airport<br>Trang-palanan Road<br>Amphone Muang<br>Trang Province 92000 Thailand<br>Tel: +667 557 2151<br>+667 557 2152<br>+667 557 2153<br>Fax: +667 557 2154<br>AFS: VTSTYDYX |
| 7 | Types of traffic permitted (IFR/VFR)                       | IFR/VFR   |
| 8 | Remarks  | Operator: Department of Airports  |

## VTST AD 2.3 OPERATIONAL HOURS

|    |                            |   |
|----|----------------------------|---|
| 1  | Aerodrome Operator         | 2300-1300   |
| 2  | Customs and immigration    | On request  |
| 3  | Health and sanitation      | On request  |
| 4  | AIS Briefing Office        | NIL   |
| 5  | ATS Reporting Office (ARO) | 2300-1300   |
| 6  | MET Briefing Office        | NIL   |
| 7  | ATS                        | 2300-1300   |
| 8  | Fuelling                   | NIL   |
| 9  | Handling                   | NIL   |
| 10 | Security                   | NIL   |
| 11 | De-icing                   | NIL   |
| 12 | Remarks                    | ATS Reporting Office (ARO):<br>Located at Hat Yai Air Traffic Control Centre (1st floor of tower building)<br>Tel: +669 2262 2436<br>Fax: +667 425 1050 |

**VTST AD 2.4 HANDLING SERVICES AND FACILITIES**

|   |   |     |
|---|---|-----|
| 1 | Cargo-handling facilities               | NIL |
| 2 | Fuel/oil types                          | NIL |
| 3 | Fuelling facilities/capacity            | NIL |
| 4 | De-icing facilities                     | NIL |
| 5 | Hangar space for visiting aircraft      | NIL |
| 6 | Repair facilities for visiting aircraft | NIL |
| 7 | Remarks                                 | NIL |

**VTST AD 2.5 PASSENGER FACILITIES**

|   |                      |                          |
|---|----------------------|--------------------------|
| 1 | Hotels               | In the city              |
| 2 | Restaurants          | In the city              |
| 3 | Transportation       | Limousines, Bus and Taxi |
| 4 | Medical facilities   | NIL                      |
| 5 | Bank and Post Office | NIL                      |
| 6 | Tourist Office       | NIL                      |
| 7 | Remarks              | NIL                      |

**VTST AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|   |   |            |
|---|---|------------|
| 1 | AD category for fire fighting               | Category 7 |
| 2 | Rescue equipment                            | Yes        |
| 3 | Capability for removal of disabled aircraft | NIL        |
| 4 | Remarks                                     | NIL        |

**VTST AD 2.7 SEASONAL AVAILABILITY - CLEARING**

|   |                             |  |
|---|-----------------------------|--|
| 1 | Types of clearing equipment | NIL                                    |
| 2 | Clearance priorities        | NIL                                    |
| 3 | Remarks                     | The aerodrome is available all seasons |

**VTST AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

|   |                            |  |
|---|----------------------------|--|
| 1 | Apron surface and strength | <p>APRON A<br/>Surface: Asphaltic concrete<br/>Strength: PCR 500/F/C/X/T</p> <p>APRON B<br/>Surface: Concrete<br/>Strength: PCR 550/R/C/X/T</p> <p>APRON C<br/>Surface: Concrete<br/>Strength: PCR 910/R/C/X/T</p> |
|---|----------------------------|--|

|   |   |   |
|---|---|---|
| 2 | Taxiway width, surface and strength         | TWY A<br>Width: 15 m<br>Surface: Asphaltic concrete<br>Strength: PCR 500/F/C/X/T<br>TWY B and C<br>Width= 23 m<br>Surface: Asphaltic concrete<br>Strength: PCR 500/F/C/X/T<br>TWY D, E and F<br>Width: 23 m<br>Surface: Asphaltic concrete<br>Strength: PCR 840/F/C/X/T |
| 3 | Altimeter checkpoint location and elevation | Location: At apron<br>Elevation: 56 ft (16.96 m)  |
| 4 | VOR checkpoints                             | NIL   |
| 5 | INS checkpoints                             | NIL   |
| 6 | Remarks                                     | NIL   |

**VTST AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

|   |   |                                  |
|---|---|----------------------------------|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | Marked                           |
| 2 | RWY and TWY markings and LGT  | RWY and TWY Markings and lighted |
| 3 | Stop bars   | NIL                              |
| 4 | Remarks   | NIL                              |

**VTST AD 2.10 AERODROME OBSTACLES**

| In approach/TKOF areas |   |                  | In circling areas and at AD                |             | Remarks |
|------------------------|---|------------------|--|-------------|---------|
| 1                      |   |                  | 2  |             |         |
| RWY/Area affected      | Obstacle type<br>Elevation<br>Markings/LGT              | Coordinates      | Obstacle type<br>Elevation<br>Markings/LGT | Coordinates |         |
| a                      | b   | c                | a  | b           |         |
| -                      | Radio mast HGT 36 m<br>Painted red/white<br>LGTD on top | 0730.5N 09937.8E | NIL  | NIL         | NIL     |

VTST AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

|    |  |  |
|----|--|--|
| 1  | Associated MET Office  | Aeronautical Meteorological Station-Trang,<br>Southern West-Coast Meteorological Center,<br>Thai Meteorological Department (TMD) |
| 2  | Hours of service<br>MET Office outside hours                           | 2200-1300<br>NIL   |
| 3  | Office responsible for TAF preparation<br>Periods of validity          | Supply TAF from Southern West-Coast Meteorological Center<br>24 HR   |
| 4  | Type of landing forecast<br>Interval of issuance                       | TREND<br>1 HR  |
| 5  | Briefing/consultation provided   | Personal Consultation<br>Tel: +667 557 2146<br>Fax: +667 557 2146  |
| 6  | Flight documentation<br>Language(s) used                               | NIL  |
| 7  | Charts and other information available for<br>briefing or consultation | S, U85, Daily Weather Forecast, satellite and radar images   |
| 8  | Supplementary equipment available for<br>providing information         | Automated Weather Observing System (AWOS) and Weather Radar  |
| 9  | ATS units provided with information                                    | Trang TWR  |
| 10 | Additional information (limitation of service, etc.)                   | NIL  |

VTST AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations<br>RWY NR | TRUE BRG | Dimensions of<br>RWY (m) | Strength (PCN) and<br>surface of RWY and<br>SWY | THR coordinates<br>RWY end coordinates<br>THR geoid undulation | THR elevation and highest<br>elevation of TDZ of<br>precision APP RWY |
|------------------------|----------|--------------------------|---|--|---|
| 1                      | 2        | 3                        | 4   | 5  | 6   |
| 08                     | 080.83°  | 2320x45                  | PCR 840/F/C/X/T<br>Asphaltic concrete           | 073026.07N 0993625.80E   | THR 67 ft<br>TDZ 67 ft  |
| 26                     | 260.83°  | 2320x45                  | PCR 840/F/C/X/T<br>Asphaltic concrete           | 073036.89N 0993733.57E   | THR 52 ft<br>TDZ 56 ft  |

| Slope of RWY-SWY | SWY dimensions<br>(m) | CWY dimensions<br>(m) | Strip dimensions<br>(m) | OFZ | Remarks |
|------------------|-----------------------|-----------------------|-------------------------|-----|---------|
| 7                | 8                     | 9                     | 10                      | 11  | 12      |
| -0.22%           | NIL                   | NIL                   | 2440x300                | NIL | NIL     |
| +0.22%           | NIL                   | NIL                   | 2440x300                | NIL | NIL     |

VTST AD 2.13 DECLARED DISTANCES

| RWY<br>Designator | TORA<br>(m) | TODA<br>(m) | ASDA<br>(m) | LDA<br>(m) | Remarks |
|-------------------|-------------|-------------|-------------|------------|---------|
| 1                 | 2           | 3           | 4           | 5          | 6       |
| 08                | 2320        | 2320        | 2320        | 2320       | NIL     |
| 26                | 2320        | 2320        | 2320        | 2100       | NIL     |

**VTST AD 2.14 APPROACH AND RUNWAY LIGHTING**

| RWY Designator | APCH LGT type<br>LEN INTST | THR LGT colour<br>WBAR | VASIS (MEHT)<br>PAPI | TDZ, LGT<br>LEN | RWY Centre Line LGT<br>Length, spacing, colour, INTST | RWY edge LGT<br>LEN, spacing, colour INTST | RWY End LGT<br>colour<br>WBAR | SWY LGT<br>LEN (m)<br>colour | Remarks |
|----------------|----------------------------|------------------------|----------------------|-----------------|---|--|-------------------------------|------------------------------|---------|
| 1              | 2                          | 3                      | 4                    | 5               | 6   | 7  | 8                             | 9                            | 10      |
| 08             | SALS<br>420m<br>LIH        | Green                  | PAPI<br>Left<br>3.5° | NIL             | NIL   | 2320 m<br>60 m<br>White/LIH                | Red                           | NIL                          | NIL     |
| 26             | NIL                        | Green                  | PAPI<br>Left<br>3.5° | NIL             | NIL   | 2320 m<br>60 m<br>White/LIH                | Red                           | NIL                          | NIL     |

**VTST AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |  |   |
|---|--|---|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: At Tower Building, FLG W EV 7 SEC.<br>IBN: Nil   |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | NIL   |
| 3 | TWY edge and centre line lighting                        | EDGE: All TWY   |
| 4 | Secondary power supply/switch-over time                  | Secondary power supply to all lighting at the air field lighting (AFL) and tower<br>Switch-over time 15 SEC |
| 5 | Remarks  | Flares 2 HR PN  |

**VTST AD 2.16 HELICOPTER LANDING AREA**

|   |   |     |
|---|---|-----|
| 1 | Coordinates TLOF or THR of FATO<br>Geoid undulation       | NIL |
| 2 | TLOF and/or FATO elevation M/FT                           | NIL |
| 3 | TLOF and FATO area dimensions, surface, strength, marking | NIL |
| 4 | True and MAG BRG of FATO                                  | NIL |
| 5 | Declared distance available                               | NIL |
| 6 | APP and FATO lighting                                     | NIL |
| 7 | Remarks   | NIL |

**VTST AD 2.17 ATS AIRSPACE**

|   |                                   |   |
|---|-----------------------------------|---|
| 1 | Designation and lateral limits    | A circle of 5 NM radius centred on TRN DVOR/DME<br>(073032.1N 0993733.7E) |
| 2 | Vertical limits                   | 2000 ft/AGL   |
| 3 | Airspace classification           | C   |
| 4 | ATS unit call sign<br>Language(s) | Trang Tower<br>English, Thai  |
| 5 | Transition altitude               | 11000 ft  |
| 6 | Remarks                           | NIL   |

**VTST AD 2.18 ATS COMMUNICATION FACILITIES**

| Service designation | Call sign      | Frequency   | Hours of operation | Remarks                           |
|---------------------|----------------|---|--------------------|-----------------------------------|
| 1                   | 2              | 3   | 4                  | 5                                 |
| APP                 | Trang Approach | 125.3 MHz<br>121.5 MHz <sup>1)</sup>              | As AD OPR HR       | <sup>1)</sup> Emergency frequency |
| TWR                 | Trang Tower    | 118.4 MHz<br>236.6 MHz<br>121.5 MHz <sup>1)</sup> | As AD OPR HR       |                                   |
| ATIS                | Trang Airport  | 134.5 MHz   | As AD OPR HR       |                                   |

**VTST AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

| Type of aid, MAG VAR, CAT of ILS/MLS (For VOR/ILS/MLS, give declination) | ID   | Frequency            | Hours of operation | Position of transmitting antenna coordinates | Elevation of DME transmitting antenna | Remarks  |
|--|------|----------------------|--------------------|--|---------------------------------------|--|
| 1  | 2    | 3                    | 4                  | 5  | 6                                     | 7  |
| DVOR/DME   | TRN  | 116.6 MHz<br>CH 113X | H24                | 073032.1N<br>0993733.7E                      |                                       | DVOR/DME restriction due to mountainous terrain surround DVOR/DME station, coverage check does not provide adequate signal at the required altitude in various areas as follows:<br><ol style="list-style-type: none"> <li>1. 20 NM orbit <ul style="list-style-type: none"> <li>- Radial 081°-130° altitude should not below 6 000 ft.</li> </ul> </li> <li>2. 40 NM orbit <ul style="list-style-type: none"> <li>- Radial 131°-350° altitude should not below 4 000 ft.</li> <li>- Radial 351°-030° altitude should not below 6 000 ft.</li> <li>- Radial 031°-080° altitude should not below 7 000 ft.</li> </ul> </li> </ol> |
| ILS CAT I<br>LOC/DME<br>RWY 08   | ITRN | 110.3 MHz<br>CH 40X  | H24                | 073038.4N<br>0993743.2E                      |                                       | LOC: Designated Operation<br>Coverage 18 NM, ALT 6 300 ft/AMSL   |
| GP   |      | 335 MHz              | H24                | 073030.7N<br>0993634.8E                      |                                       | GP: 3.50 DEG, RDH 58 ft  |

**VTST AD 2.20 LOCAL AERODROME REGULATIONS**

**1. 180 DEGREES TURN ON THE RUNWAY**

To prevent runway pavement damage which may result in the closure of the aerodrome if such damage is severe, all aircraft Maximum Takeoff Weight (MTOW) more than 5700 kg are not allowed to make 180 degrees turn on the runway. The turn shall be made on the runway turn pad at the end of runway 08 and 26 only. Any breach done by the aircraft operator shall be recorded and reported to The Civil Aviation Authority of Thailand (CAAT)/ The Headquarter of that operator shall be liable for the compensation caused by such violation.

**VTST AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

**VTST AD 2.22 FLIGHT PROCEDURES**

NIL

VTST AD 2.23 ADDITIONAL INFORMATION

1. BIRD CONCENTRATIONS

- Bird concentrations in the vicinity of an aerodrome.

VTST AD 2.24 CHARTS RELATED TO AN AERODROME

| Chart name  | Page          |
|---|---------------|
| Aerodrome Chart - ICAO  | AD 2-VTST-2-1 |
| Aircraft Parking/Docking Chart - ICAO   | AD 2-VTST-2-3 |
| Instrument Approach Chart - ICAO - VOR RWY 08                                   | AD 2-VTST-8-1 |
| Instrument Approach Chart - ICAO - VOR RWY 08 (Fix and point list table)        | AD 2-VTST-8-2 |
| Instrument Approach Chart - ICAO - ILS or LOC RWY 08                            | AD 2-VTST-8-3 |
| Instrument Approach Chart - ICAO - ILS or LOC RWY 08 (Fix and point list table) | AD 2-VTST-8-4 |
| Instrument Approach Chart - ICAO - RNP RWY 08                                   | AD 2-VTST-8-5 |
| Instrument Approach Chart - ICAO - RNP RWY 08 (Tabular description)             | AD 2-VTST-8-6 |

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**AERODROME CHART - ICAO**

**07° 30' 31" N  
099° 36' 57" E**

**ELEV 67 FT**

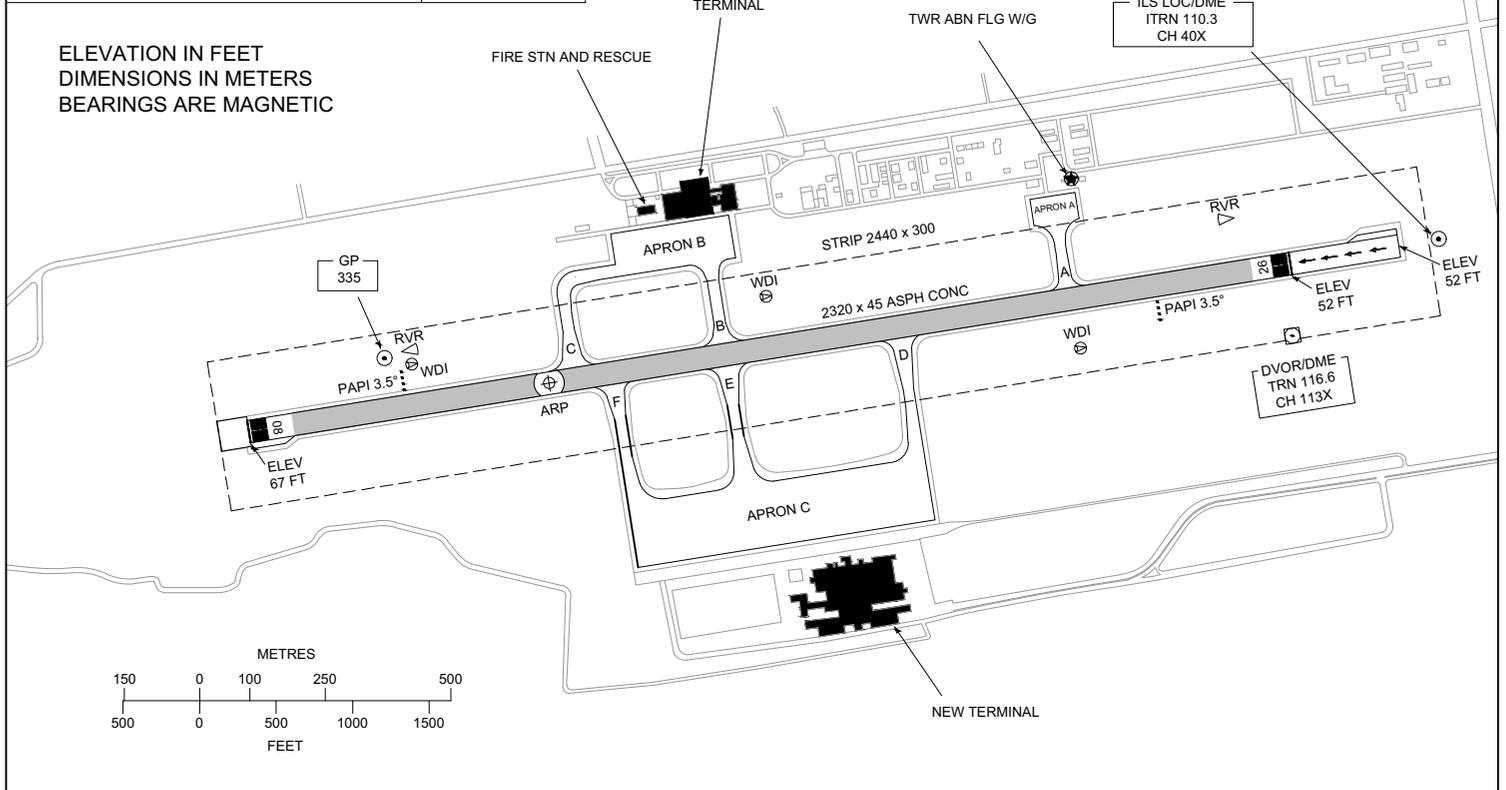
**TWR 118.4  
236.6**

**TRANG / Trang**

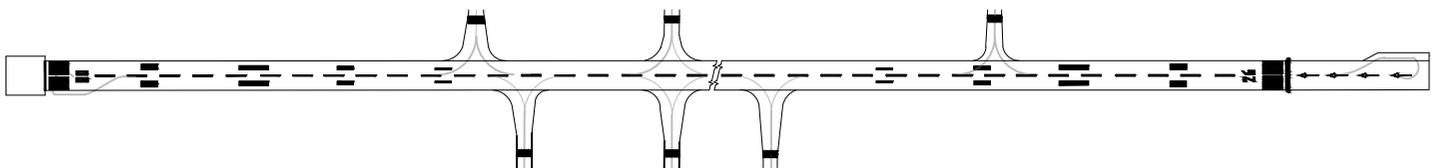
| RWY                                      | DIRECTION (TRUE BRG) | THR                             | BEARING STRENGTH                                      |
|--|----------------------|---------------------------------|---|
| 08                                       | 081°                 | 07° 30' 26" N<br>099° 36' 26" E | PCR 840/F/C/X/T                                       |
| 26                                       | 261°                 | 07° 30' 37" N<br>099° 37' 34" E |   |
| APRON A<br>APRON B<br>APRON C            |                      |                                 | PCR 500/F/C/X/T<br>PCR 550/R/C/X/T<br>PCR 910/R/C/X/T |
| TAXIWAY A, B AND C<br>TAXIWAY D, E AND F |                      |                                 | PCR 500/F/C/X/T<br>PCR 840/F/C/X/T                    |

**REMARKS:**

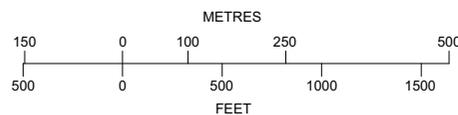
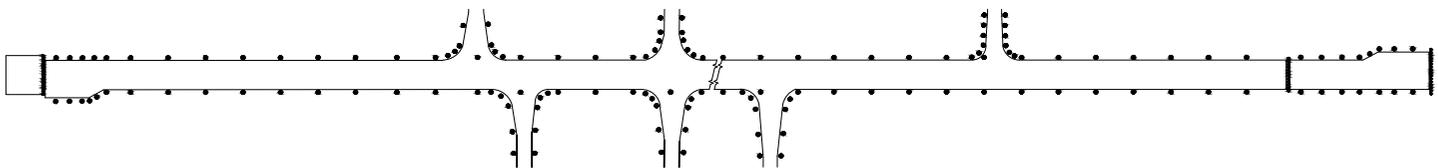
- DETAILS OF AIRCRAFT STANDS ARE SHOWN IN AIRCRAFT PARKING/DOCKING CHART
- TAXIWAY A WIDTH 15 m.
- TAXIWAY B, C, D, E AND F WIDTH 23 m.



**MARKING AIDS RWY 08/26 AND EXIT TWY**



**LIGHTING AIDS RWY 08/26 AND EXIT TWY**



CHANGE: REVISED CHART, ADD APN C, TWY D, TWY E, TWY F, BEARING STRENGTH, TABULAR.

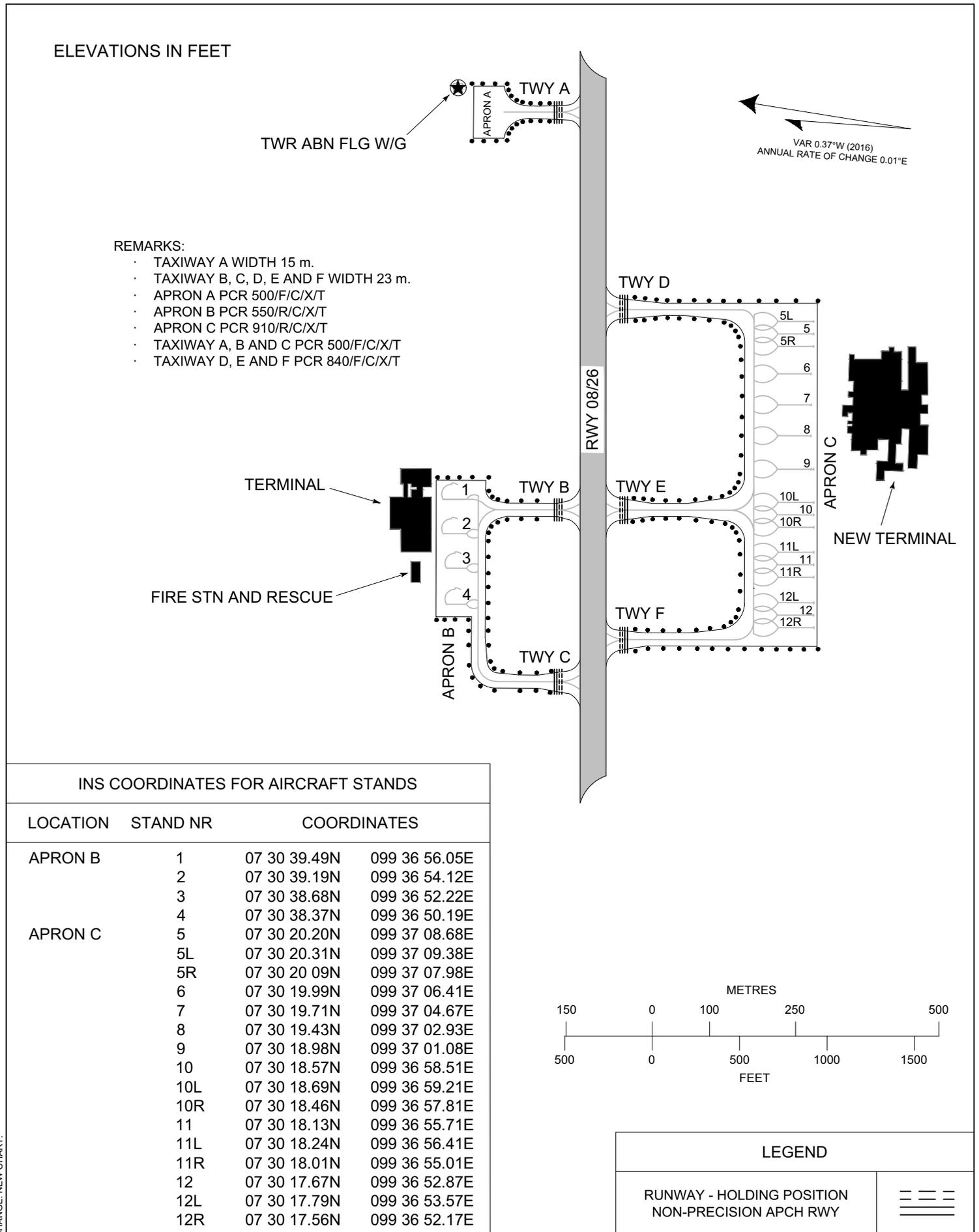
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**AIRCRAFT PARKING/  
DOCKING CHART - ICAO**

**APRON ELEV  
56 FT**

**TWR 118.35  
236.6**

**TRANG / Trang**



CHANGE: NEW CHART.

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## VTSY AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## VTSY - YALA/BETONG AIRPORT

## VTSY AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |  |
|---|--|--|
| 1 | ARP coordinates and site at AD                             | 054719.64N 1010849.77E   |
| 2 | Direction and distance from (city)                         | 10 km NE from city   |
| 3 | Elevation/Reference temperature                            | 225.25 m (738 ft)  |
| 4 | Geoid Undulation at AD ELEV PSN                            | -9 m (-30 ft)  |
| 5 | MAG VAR/Annual change                                      | 0°11'W (2025) / 0°2'E  |
| 6 | AD Administration, address, telephone, telefax, telex, AFS | Director of Betong Airport<br>Betong Airport<br>125 Moo.8, Yarom<br>Betong<br>Yala 95110<br>Thailand |
| 7 | Types of traffic permitted (IFR/VFR)                       | IFR/VFR  |
| 8 | Remarks  | Operator: Department of Airports   |

## VTSY AD 2.3 OPERATIONAL HOURS

|    |                            |             |
|----|----------------------------|-------------|
| 1  | AD Administration          | 0130 - 0930 |
| 2  | Customs and immigration    | NIL         |
| 3  | Health and sanitation      | NIL         |
| 4  | AIS Briefing Office        | NIL         |
| 5  | ATS Reporting Office (ARO) | NIL         |
| 6  | MET Briefing Office        | NIL         |
| 7  | ATS                        | 0130 - 0930 |
| 8  | Fuelling                   | NIL         |
| 9  | Handling                   | NIL         |
| 10 | Security                   | 0130 - 0930 |
| 11 | De-icing                   | NIL         |
| 12 | Remarks                    | NIL         |

## VTSY AD 2.4 HANDLING SERVICES AND FACILITIES

|   |   |     |
|---|---|-----|
| 1 | Cargo-handling facilities               | NIL |
| 2 | Fuel/oil types                          | NIL |
| 3 | Fuelling facilities/capacity            | NIL |
| 4 | De-icing facilities                     | NIL |
| 5 | Hangar space for visiting aircraft      | NIL |
| 6 | Repair facilities for visiting aircraft | NIL |
| 7 | Remarks                                 | NIL |

**VTSY AD 2.5 PASSENGER FACILITIES**

|   |                      |                      |
|---|----------------------|----------------------|
| 1 | Hotels               | In the city          |
| 2 | Restaurants          | In the city          |
| 3 | Transportation       | NIL                  |
| 4 | Medical facilities   | Hospital in the city |
| 5 | Bank and Post Office | In the city          |
| 6 | Tourist Office       | NIL                  |
| 7 | Remarks              | NIL                  |

**VTSY AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|   |   |                               |
|---|---|-------------------------------|
| 1 | AD category for fire fighting               | Category 5                    |
| 2 | Rescue equipment                            | Accordance with AD Category 5 |
| 3 | Capability for removal of disabled aircraft | NIL                           |
| 4 | Remarks                                     | NIL                           |

**VTSY AD 2.7 SEASONAL AVAILABILITY - CLEARING**

|   |                             |     |
|---|-----------------------------|-----|
| 1 | Types of clearing equipment | NIL |
| 2 | Clearance priorities        | NIL |
| 3 | Remarks                     | NIL |

**VTSY AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

|   |   |   |
|---|---|---|
| 1 | Apron surface and strength                  | Surface: Concrete<br>Strength: PCN 23/R/D/X/T   |
| 2 | Taxiway width, surface and strength         | TWY A and B<br>Width: 18 M<br>Surface: Asphalt<br>Strength: PCN 23/F/D/X/T  |
| 3 | Altimeter checkpoint location and elevation | Location: 054714.33N 1010851.00E<br>054713.84N 1010849.62E<br>054713.34N 1010848.25E<br>Elevation: MSL 225.109 M (738.547 FT) |
| 4 | VOR checkpoints                             | NIL   |
| 5 | INS checkpoints                             | NIL   |
| 6 | Remarks                                     | NIL   |

VTSY AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid,<br>CAT of ILS/MLS<br>(For VOR/ILS/MLS,<br>give VAR) | ID  | Frequency | Hours of<br>operation | Site of<br>transmitting<br>antenna<br>coordinates | Elevation of DME<br>transmitting<br>antenna | Remarks  |
|--|-----|-----------|-----------------------|---|---|--|
| 1  | 2   | 3         | 4                     | 5   | 6   | 7  |
| DVOR   | BET | 113.1 MHz | H24                   | 054707.7N<br>1010838.7E                           |   | DVOR/DME restrictions,<br>1. Due to mountainous terrain<br>surround DVOR/DME station,<br>coverage check does not<br>provide adequate signal to 40<br>nm at required altitude and<br>distance in various areas as<br>follows:<br>– Radial 350°-020° altitude<br>should not below 8 000 ft.<br>– Radial 021°-040° altitude<br>should not below 6 500 ft.<br>– Radial 041°-060° altitude<br>should not below 9 000 ft.<br>– Radial 061°-075° altitude<br>should not below 15 000 ft.<br>– Radial 076°-349° unable to<br>check due to border limit |
| DME  |     | 78X       | H24                   | 054707.8N<br>1010838.3E                           |   | DME co-located with DVOR   |

VTSY AD 2.20 LOCAL AERODROME REGULATIONS

1. 180 DEGREES TURN ON THE RUNWAY

To prevent runway pavement damage which may result in the closure of the aerodrome if such damage is severe, all aircraft are not allowed to make 180 degrees turn on the runway. The turn shall be made on the runway turn pad located near the threshold of runway 25. Any breach done by the aircraft operator shall be recorded and reported to The Civil Aviation Authority of Thailand (CAAT)/ The Headquarter of that operator shall be liable for the compensation caused by such violation.

VTSY AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VTSY AD 2.22 FLIGHT PROCEDURES

NIL

VTSY AD 2.23 ADDITIONAL INFORMATION

1. BIRD CONCENTRATIONS

- Bird concentrations in the vicinity of an aerodrome.

VTSY AD 2.24 CHARTS RELATED TO AN AERODROME

| Chart name   | Page          |
|--|---------------|
| Aerodrome Chart - ICAO   | AD 2-VTSY-2-1 |
| Aerodrome Obstacle Chart - ICAO Type A - RWY 07/25   | AD 2-VTSY-3-1 |
| Aerodrome Obstacle Chart - ICAO Type B   | AD 2-VTSY-3-3 |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 07 - ERVES1A PETAC1A                       | AD 2-VTSY-6-1 |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 07 - ERVES1A PETAC1A (Tabular description) | AD 2-VTSY-6-2 |

| <b>Chart name</b>  | <b>Page</b>   |
|--|---------------|
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 25 - ERVES1B PETAC1B                       | AD 2-VTSY-6-3 |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 25 - ERVES1B PETAC1B (Tabular description) | AD 2-VTSY-6-4 |
| Instrument Approach Chart - ICAO - VOR a   | AD 2-VTSY-8-1 |
| Instrument Approach Chart - ICAO - VOR a (Fix and point list table)                                      | AD 2-VTSY-8-2 |
| Instrument Approach Chart - ICAO - RNP a   | AD 2-VTSY-8-3 |
| Instrument Approach Chart - ICAO - RNP a (Tabular description)   | AD 2-VTSY-8-4 |

**AERODROME CHART - ICAO**

**05° 47' 20" N  
101° 08' 50" E**

**ELEV 738 FT  
225 m**

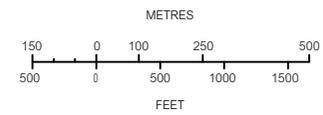
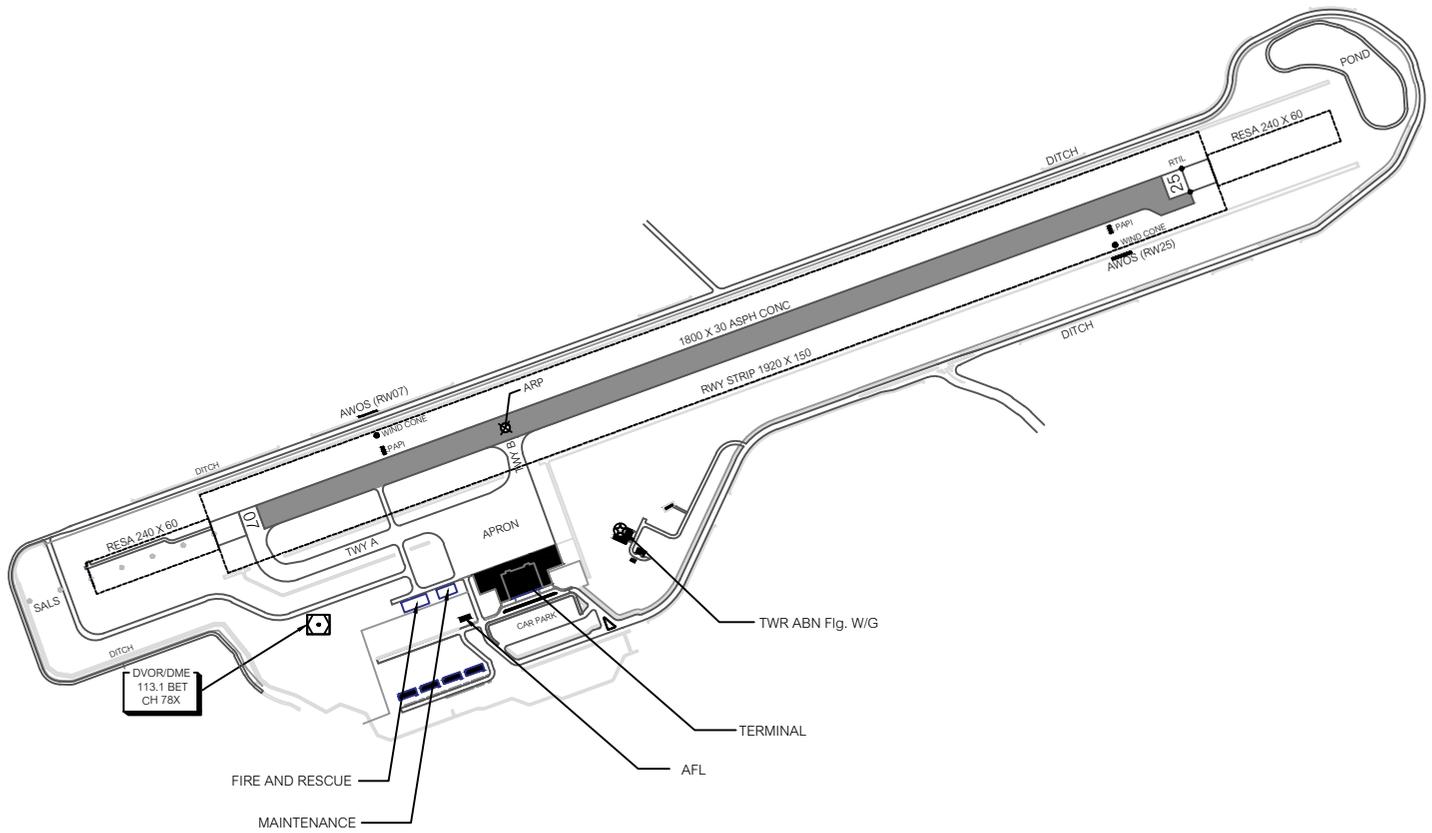
**TWR 124.15**

**YALA / Betong**

| RWY         | DIRECTION | THR                             | BEARING STRENGTH |
|-------------|-----------|---------------------------------|------------------|
| 07          | 070°      | 05° 47' 14" N<br>101° 08' 35" E | PCN 23/F/D/X/T   |
| 25          | 250°      | 05° 47' 34" N<br>101° 09' 30" E |                  |
| APRON       |           |                                 | PCN 23/R/D/X/T   |
| TWY A and B |           |                                 | PCN 23/F/D/X/T   |

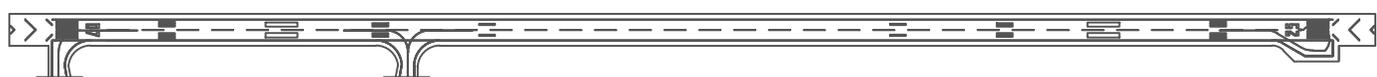
MAG VAR 0° 11' W (2025)  
ANNUAL RATE OF CHANGE 0° 2' E

ELEVATIONS IN FEET AND DIMENSIONS IN METRES  
BEARINGS ARE MAGNETIC

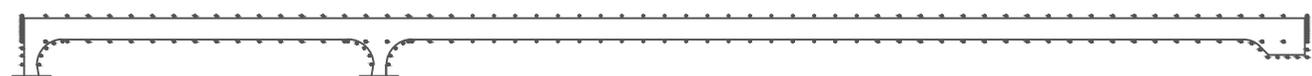


Remark : COORDINATE ARE WGS-84

MARKING AIDS RWY 07/25 AND EXIT TWY



LIGHTING AIDS RWY 07/25 AND EXIT TWY



CHANGE: REVISED CHART. MAG VAR. ANNUAL RATE OF CHANGE. TABULAR.

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**AERODROME OBSTACLE CHART - ICAO**  
TYPE A (OPERATIONAL LIMITATIONS)

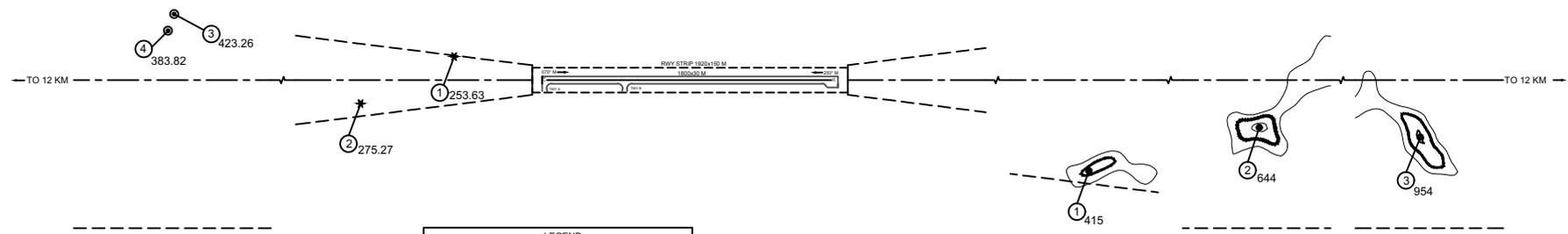
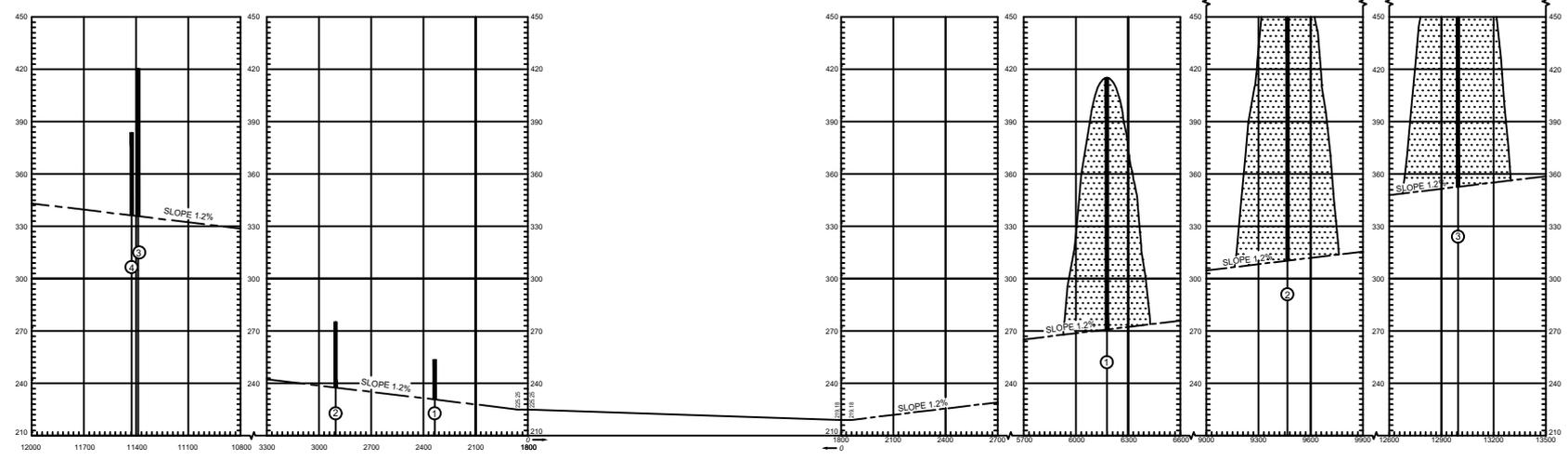
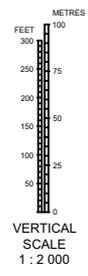
YALA / Betong Airport

DIMENSIONS AND ELEVATIONS IN METRES

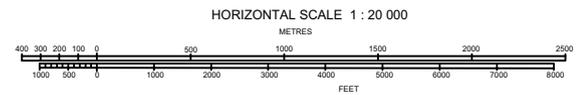
MAGNETIC VARIATION 0° 11' W (2025)  
ANNUAL RATE OF CHANGE 0° 2' E

RWY 07/25

| DECLARED DISTANCES |                                    |        |
|--------------------|------------------------------------|--------|
| RWY 07             |                                    | RWY 25 |
| 1800               | TAKE-OFF RUN AVAILABLE             | 1800   |
| 1800               | TAKE-OFF DISTANCE AVAILABLE        | 1800   |
| 1800               | ACCELERATE STOP DISTANCE AVAILABLE | 1800   |
| 1800               | LANDING DISTANCE AVAILABLE         | 1800   |

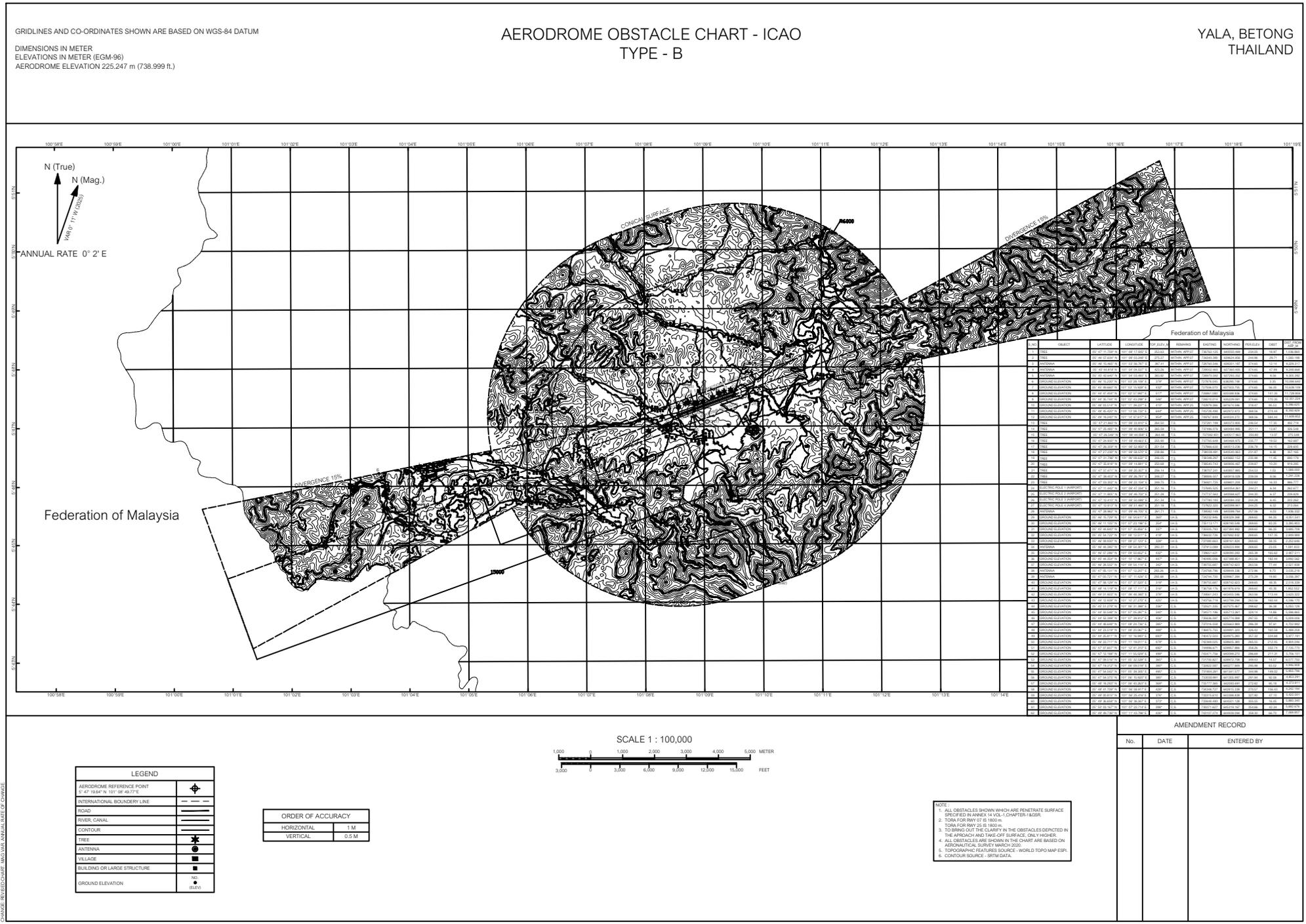


| LEGEND                             |   |
|------------------------------------|---|
| IDENTIFICATION NUMBER              | ① |
| POLE, TOWER, SPIRE, ANTENNA, ETC.  | ⊙ |
| TERRAIN PENETRATING OBSTACLE PLANE | ▬ |
| TERRAIN CONTOUR                    | ~ |
| TREE OR SHRUB                      | * |



CHANGE/REVISION CHART, MAG VAR, ANNUAL RATE OF CHANGE

**INTENTIONALLY BLANK**



**INTENTIONALLY BLANK**