General Info
Batam, IDN
N 01° 07.1'   E104° 06.8'   Mag Var: 0.0°W
Elevation: 126'  
Public, IFR, Control Tower, Rotating Beacon, Customs
Fuel: Jet A-1
Time Zone Info: GMT+7:00 no DST

Runway Info
Runway 04-22  13205' x 148' asphalt
Runway 04    (42.0°M)    TDZE 125'
   Lights: Edge, ALS, REIL
   Right Traffic
   Stopway Distance 197'
Runway 22    (222.0°M)    TDZE 69'
   Lights: Edge, ALS, REIL
   Stopway Distance 197'

Communications Info
ATIS 126.25
Hang Nadim Tower 118.7
Hang Nadim Tower 118.3
Hang Nadim Ground Control 121.75
Hang Nadim Clearance Delivery 121.75
Tanjung Pinang Approach Control 130.2
Singapore Approach Control 120.3

Notebook Info
**SINGKEP 1C ARRIVAL [NE1C] (RWY 04)**

**SINGKEP 1D ARRIVAL [NE1D] (RWY 22)**

FROM PALEMBANG/SINGKEP, B-469/W-24 WESTBOUND

Direct distance from BTM R-120/D3 to:
Hang Nadim Apt 4 NM

STAR ROUTING

<table>
<thead>
<tr>
<th>STAR</th>
<th>ROUTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>SINGKEP 1C</td>
<td>Proceed on TPG R-177, descending to 2500'. After TPG proceed on BTM R-120 to D3 BTM and turn LEFT for downwind runway 04.</td>
</tr>
<tr>
<td>SINGKEP 1D</td>
<td>Proceed on TPG R-177, descending to 2500'. After TPG proceed on BTM R-120 to D3 BTM and turn RIGHT for downwind runway 22.</td>
</tr>
</tbody>
</table>

**TANGO INDIA 1C ARRIVAL [TI1C] (RWY 04)**

**TANGO INDIA 1D ARRIVAL [TI1D] (RWY 22)**

FROM PONTIANAK/TANJUNG PINANG, W-36 WESTBOUND

Direct distance from BTM R-120/D3 to:
Hang Nadim Apt 4 NM

STAR ROUTING

<table>
<thead>
<tr>
<th>STAR</th>
<th>ROUTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>TANGO INDIA 1C</td>
<td>After TPG proceed on BTM R-120 to D3 BTM and turn LEFT for downwind runway 04.</td>
</tr>
<tr>
<td>TANGO INDIA 1D</td>
<td>After TPG proceed on BTM R-120 to D3 BTM and turn RIGHT for downwind runway 22.</td>
</tr>
</tbody>
</table>
TEKONG 1C ARRIVAL
[VTK1C] (RWY 04)

TEKONG 1D ARRIVAL
[VTK1D] (RWY 22)

Direct distance from BTM R-041/D11 to:
Hang Nadim Apt 12 NM

Direct distance from VTK R-190/D15 to:
Hang Nadim Apt 9 NM

WEST POINT 2C ARRIVAL
[WPON2C] (RWY 04)
FROM MEDAN, A-576 EASTBOUND

Routing

After KASTA track 113° (SJ R-293) to WEST POINT (D33 SJ), at WEST POINT turn LEFT, track 082° to JB, turn RIGHT on SJ R-332. Then proceed on SJ R-146. At D14 SJ turn LEFT to intercept BTM R-221 and commence approach.

CHANGES: Transition level/alt.
WEST POINT 2D ARRIVAL
(RWY 22)
FROM MEDAN, A-576 EASTBOUND

After KASTA track 113° (SJ R-293) to WEST POINT, turn LEFT track 083° to KK.
After KK track 115° and on intercepting BTM R-036 turn RIGHT to intercept BTM R-041 and
commence approach.
**BOBAG 1C DEPARTURE [BOBA1C] (RWY 04)**
**BOBAG 1D DEPARTURE [BOBA1D] (RWY 22)**

TO PEKANBARU, R-469 WESTBOUND

---

**HOSBA 1C DEPARTURE [HOSB1C] (RWY 04)**
**HOSBA 1D DEPARTURE [HOSB1D] (RWY 22)**

TO MATAK/RANAI, G-580 EASTBOUND

---

**INITIAL CLIMB**

Turn RIGHT to join airway R-469 at SAMKO. Proceed on R-469 to TAROS.

---

Direct distance from Hang Nadim Apt to:
- HOSBA 22 NM
- SAMKO 14 NM
JITLIM 2C DEPARTURE [JITL2C] (RWY 04)
JITLIM 2D DEPARTURE [JITL2D] (RWY 22)
TO PEKANBARU, W-22 WESTBOUND

Direct distance from Hang Nadim Apt to:
JITLIM 24 NM

KIRDA 1C DEPARTURE [KIRD1C] (RWY 04)
KIRDA 1D DEPARTURE [KIRD1D] (RWY 22)
TO PANGKALPINANG/JAKARTA, EASTBOUND

Direct distance from Hang Nadim Apt to:
TPG R-294/D16 11 NM
SINGKEP 1C DEPARTURE [NE1C] (RWY 04)
SINGKEP 1D DEPARTURE [NE1D] (RWY 22)
TO SINGKEP/PALEMBANG, W-24 EASTBOUND

Direct distance from Hang Nadim Apt to:
TPG R-294/D16  11 NM

<table>
<thead>
<tr>
<th>RWY</th>
<th>INITIAL CLimb</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>Turn RIGHT to intercept TPG R-294.</td>
</tr>
<tr>
<td>22</td>
<td>Turn LEFT to intercept TPG R-294.</td>
</tr>
</tbody>
</table>

**ROUTING**

Track to TPG, at TPG turn RIGHT and proceed on TPG R-177 to NE.

TANGO INDIA 1C DEPARTURE [TI1C] (RWY 04)
TANGO INDIA 1D DEPARTURE [TI1D] (RWY 22)
TO TANJUNG/PONTIANAK, W-36 EASTBOUND

Direct distance from Hang Nadim Apt to:
TPG R-294/D16  11 NM

<table>
<thead>
<tr>
<th>RWY</th>
<th>INITIAL CLimb</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>Turn RIGHT to intercept TPG R-294.</td>
</tr>
<tr>
<td>22</td>
<td>Turn LEFT to intercept TPG R-294.</td>
</tr>
</tbody>
</table>

**ROUTING**

Track to TPG, at TPG proceed on W-36 to GOBIK.
### CHANGES:
- Transition level/alt.

---

**WIDD/BTH**

**HANG NADIM**

**BATAM, INDONESIA**

**SID**

**1 DEC 06 (10-3C)**

---

**Apt Elev**

126'

**Trans level:** FL130

**Trans alt:** 11000'

---

**TEKONG 1C DEPARTURE**

[VTK1C] (RWY 04)

**TEKONG 1D DEPARTURE**

[VTK1D] (RWY 22)

**B-338/G-219 NORTHBOUND**

---

**INITIAL CLIMB**

<table>
<thead>
<tr>
<th>RWY</th>
<th>04</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Proceed to BTM, at BTM turn LEFT to VTK.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RWY</th>
<th>22</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Turn RIGHT to VTK.</td>
</tr>
</tbody>
</table>

---

**ROUTING**

After VTK proceed on airway B-338/ G-219.

---

**WEST POINT 2C DEPARTURE**

[WPON2C] (RWY 04)

**TO MEDAN, A-576 WESTBOUND**

---

**INITIAL CLIMB**

Proceed to RAMUNIA, track 295° to KK, at KK track 266° to JB and then track 262° to WEST POINT. At WEST POINT turn RIGHT and track 293° to KASTA.

---

**Direct distance from Hang Nadim Apt to:**

| BTM | 2 NM |

---

**Direct distance from Hang Nadim Apt to:**

| VTK | 19 NM |

---

**NOT TO SCALE**
WEST POINT 2D DEPARTURE [WPON2D]
(RWY 22)
TO MEDAN, A-576 WESTBOUND

CHANGES: Transition level/alt.
MISSED APCH: Climb on heading 041° to 1000', then turn RIGHT and climb to 3000', proceed via BTM VOR R-193 to BAVAL and hold, or as instructed by ATC.

When Tanjung Pinang App inop.

BATAM, INDONESIA ILS DME Rwy 04

- **LOC**
  - Frequency: 110.1
  - Final Apch Crs: 041°
  - GS: 1500' (1375')
  - ILS DA/H: 325' (200')
  - APT Elev: 126'

- **SINGAPORE Approach (R)**
  - Frequency: 120.3
  - GS: 1500'
  - ILS DA/H: 400' (315')

- **HANG NADIM Tower**
  - Frequency: 118.7
  - GS: 1500'
  - ILS DA/H: 325' (200')

- **Ground**
  - Frequency: 121.75

**Alt Set:** hPa  Rwy Elev: 5 hPa  Trans level: FL 130  Trans alt: 11000'

**Berthing Strip**

**Gnd speed-Kts**

- 70
- 90
- 100
- 120
- 140
- 160

**GS**

- 3.00°
- 777
- 484
- 538
- 646
- 753
- 861

**D4.3 IBLTM to MAP 4.1**

- 3:52
- 2:44
- 2:28
- 2:03
- 1:45
- 1:32

**ILS STRAIGHT-IN LANDING RWy 04**

- **LOC (GS out)**
  - Max Kts
    - A: 100
    - B: 160
    - C: 180
    - D: 205
  - MDA(H)
    - A: 660' (534') - 1600m
    - B: 770' (644') - 3200m
    - C: 1200m
    - D: 1600m

**PANS OPS**

- A: 800m
- B: 1200m
- C: 1600m
- D: 1600m

**Changes:** None.

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Rwy 04 right-hand circuit.

**ATIS**

<table>
<thead>
<tr>
<th>RWY</th>
<th>LANDING BEYOND</th>
<th>TAKE-OFF</th>
<th>WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>12,183' 3713m</td>
<td>148'</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>13,205'</td>
<td>45m</td>
<td></td>
</tr>
</tbody>
</table>

**AIR CARRIER (JAA)**

LVP must be in Force

- All Rwys
  - RCLM (DAY only) or RL

**AIR CARRIER (FAR 121)**

- All Rwys
  - 2 Eng
  - 3 & 4 Eng
  - Adequate Vis Ref

**ADDITIONAL RUNWAY INFORMATION**

- **RWY 04**
  - RL ALS REIL PAPI-L
  - RVR
  - 12,183' 3713m
  - 148'

- **RWY 22**
  - RL SALS REIL PAPI-L
  - 13,205'
  - 45m
MISSAP CH: Climb to 2500’ turn LEFT and proceed to BTM VOR or as instructed by ATC.

CIRCLING TO LAND

| Rwy Elev: 3 hPa | Trans level: FL 130 | Trans alt: 11000’ |

<table>
<thead>
<tr>
<th>HANG NADIM Tower</th>
<th>*ATIS</th>
<th>*TANJUNGPINANG Approach</th>
<th>SINGAPORE Approach (R)</th>
<th>*HANGNADIM Tower</th>
<th>*Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>126.25</td>
<td>130.2</td>
<td>120.3</td>
<td>when Tanjung Pinang App inop.</td>
<td>118.7</td>
<td>121.75</td>
</tr>
<tr>
<td>VOR</td>
<td>Final Apch Crs</td>
<td>Minimum Alt</td>
<td>MDA(H)</td>
<td>Apt Elev</td>
<td>Rwy 22</td>
</tr>
<tr>
<td>BTM</td>
<td>D5.5</td>
<td>2000’(1931’)</td>
<td>470’(401’)</td>
<td>126’</td>
<td>69’</td>
</tr>
<tr>
<td>116.0</td>
<td>222°</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Gnd speed-Kts**
- 100
- 120
- 140
- 150
- 160
- 104-00

**Rate of descent on final (feet/min)**
- 530
- 635
- 745
- 795
- 850

**Descent angle**
- [3.45°]
- 611
- 733
- 855
- 917
- 977

**MAP at VOR**

**STRAIGHT-IN LANDING Rwy 22**

<table>
<thead>
<tr>
<th>ALS out</th>
<th>Max Kts</th>
<th>MDA(H)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1600m</td>
<td>710'(584')-1600m</td>
</tr>
<tr>
<td>B</td>
<td>135</td>
<td>720'(594')-2400m</td>
</tr>
<tr>
<td>C</td>
<td>180</td>
<td>820'(694')-3600m</td>
</tr>
<tr>
<td>D</td>
<td>205</td>
<td></td>
</tr>
</tbody>
</table>

CHANGES: Trans level/alt, descent angle, procedure altitudes.