

LOA	VATSIM (VIRTUAL AIR TRAFFIC SIMULATION) Letter of Agreement (LOA)	
Subject:	Thailand vACC Cambodia vACC	Final 2.0
LOA	Bangkok FIR	12-November-2015

1. PURPOSE

This agreement between Thailand Air Traffic Control Center (VTBB) and Cambodia Air Traffic Control Center (VDPP) covers co-ordination procedures and is supplementary to the procedures in the ICAO Regulations, VATSIM Code of Conduct, and the VATSIM User Agreement.

2. CANCELLATION

Any and all previous LOA's between VTBB and VDPP are cancelled.

3. PROCEDURES

- a. VTBB Thailand vACC and VDPP Cambodia vACC shall ensure that:
 - i. All aircraft shall be at 1X sim rate before initiating handoff.
 - ii. Ensure aircraft are separated by no less than 10 (ten) NM when at the same altitudes prior to initiating handoff.
 - iii. Coordinate any route, altitude, or speed changes that are different from the flight plan prior to initiating handoff.

- b. VTBB Thailand vACC shall ensure that:
 - i. Aircraft landing at VDPP Phnom Pehn Intl with a cruise altitude at or above 10,000 and departing from VTBS and VTBD (or surrounding airports under their approach control's airspace) are routed as follows:
 1. VTBS departures: VTBS SID GORSI R468 PHN.
 2. VTBD departures: VTBD SID GORSI R468 PHN
 3. All other airports in Bangkok FIR and flyovers will be routed to join the appropriate arrival routing.
 4. Aircraft with routing along R468 to VTPP shall be assigned ODD altitudes up to and including FL270 and then FL330 or FL410 when above FL270.
 - ii. Aircraft landing at VDSR Siem Reap Apt with a cruise altitude at or above 10,000 and departing from VTBS and VTBD (or surrounding airports under their approach control's airspace) are routed as follows:
 1. VTBS departures: VTBS SID GORSI B204 SRE
 2. VTBD departures: VTBD SID GORSI B204 SRE
 3. All other airports in Bangkok FIR and flyovers will be routed to join the appropriate arrival routing.
 4. Aircraft landing at VDSR Siem Reap Apt with a cruise altitude at or above 10,000 are handed off at the VDPP Cambodia line (AGEDO Fix) at or below FL250
 - iii. Aircraft landing at VDBG Battambang Apt with a cruise altitude at or above 10,000 and departing from VTBS and VTBD (or surrounding airports under their approach control's airspace) are routed as follows:
 1. VTBS departures: VTBS SID GORSI R468 BOKAK W3 BB
 2. VTBD departures: VTBD SID GORSI R468 BOKAK W3 BB
 3. All other airports in Bangkok FIR and flyovers will be routed to join the appropriate

arrival routing.

4. Aircraft landing at VDBG Battambang Apt with a cruise altitude at or above FL070 are handed off at the VDPP Cambodia line (BOKAK Fix) at or below FL100
 - iv. Aircraft landing at VDKK Koh Kong Apt with a cruise altitude at or above 10,000 and departing from VTBS and VTBD (or surrounding airports under their approach control's airspace) are routed as follows:
 1. VTBS departures: VTBS SID RYN R334 KK
 2. VTBD departures: VTBD SID RYN R334 KK
 3. All other airports in Bangkok FIR and flyovers will be routed to join the appropriate arrival routing.
 4. Aircraft landing at VDKK Koh Kong Apt with a cruise altitude at or above FL070 are handed off 40 DME prior to the VDPP Cambodia line (KK Fix) at or below FL100.
 - v. Aircraft landing at VDSV Sihanouk Apt with a cruise altitude at or above 10,000 and departing from VTBS and VTBD (or surrounding airports under their approach control's airspace) are routed as follows:
 1. VTBS departures: VTBS SID RYN R334 KK W7 KOS
 2. VTBD departures: VTBD SID RYN R334 KK W7 KOS
 3. All other airports in Bangkok FIR and flyovers will be routed to join the appropriate arrival routing.
 4. Aircraft landing at VDSV Sihanouk Apt with a cruise altitude at or above 10000 are handed off at the VDPP Cambodia line (KK Fix) at or below FL200.
- c. VDPP Cambodia vACC shall ensure that:
- i. Aircraft landing at VTBS with a cruise altitude at or above 10,000 and departing from:
 1. VDPP departures: VDPP PNH R468 GOMES–STAR VTBS.
 2. VDSR departures: VDSR SRE W13 MENAM G474 BATOK-STAR VTBS
 3. Aircraft with routing along R468 to VTBS shall be assigned EVEN altitudes up to and including FL300 and then FL380 when above FL300.
 4. Aircraft with routing along G474 to VTBS shall be assigned EVEN altitudes up to and including FL280 and then FL340 when above FL280.
 - ii. Aircraft landing at VTBD with a cruise altitude at or above 10,000 and departing from:
 1. VDPP departures: VDPP PNH R468 GOMES-STAR VTBS.
 2. VDSR departures: VDSR SRE W13 MENAM G474 BATOK-STAR VTBS
 3. Aircraft with routing along R468 to VTBS shall be assigned EVEN altitudes up to and including FL300 and then FL380 when above FL300.
 4. Aircraft with routing along G474 to VTBS shall be assigned EVEN altitudes up to and including FL280 and then FL340 when above FL280.
 - iii. Routing, handoff and cruise altitudes for all additional inbound flights to Thailand airports shall be coordinated on an individual bases.
 - iv. All flights from Cambodia destined to the Bangkok TMA are to be routed along:
 1. Airway G474 MENAM G474 BATOK – STAR
 2. Airway B204 AGEDO B204 GOMES – STAR
 3. Airway R468 BOKAK R468 GOMES – STAR
 4. Airway A340 BISOA A340 RYN – STAR
 5. Airway W16, W7, and R334 KK R334 RYN – STAR
 - vi. All flights from Cambodia destined to the Bangkok TMA are to be handed off:
 1. At MENAM at a altitude of FL400 or below
 2. At AGEDO at a altitude of FL300 or below
 3. At BOKAK at a altitude of FL340 or below.
 4. At BISOA at a altitude of FL400 or below
 5. At KK at a altitude of FL400 or below

d. Airway Altitude restrictions (coordination)

1. Thailand vACC and Cambodia vACC shall adhere to the following airway altitude restrictions:

- R468 East bound ODD altitudes up to and including FL270 then FL330 and FL410 when above FL270.
- R468 West bound EVEN altitudes up to and including FL300 then FL380 when above FL300.
- G474 East bound ODD altitudes up to and including FL330 then FL370, FL410 when above FL330.
- G474 West bound EVEN altitudes up to and including FL280 then FL340 when above FL280.
- R588 East bound ODD altitudes up to and including FL270.
- R588 West bound EVEN altitudes up to and including FL280 then FL320, FL340 when above FL280.

4. EXCEPTIONS

Deviations from the procedures established in this agreement may be made only after prior coordination and agreement with the parties involved.

Southeast Asia Division of VATASIA
Thailand vACC Director
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