



# KORUS-AQ MISSION PARTICIPANT INFORMATION PACKAGE

Osan AB Mission Information Package

## WELCOME TO OSAN AB

This document will get you started and answer most of your questions ahead of your arrival to Osan AB.

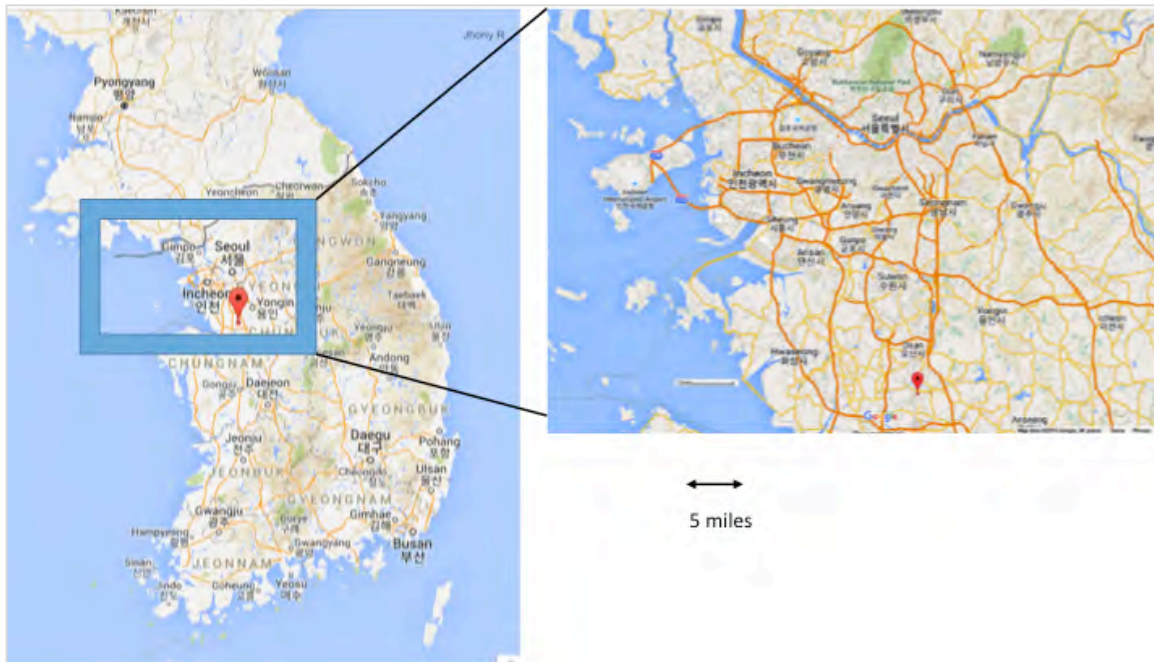
Earth Science Project Office



# KORUS-AQ Mission Information Package

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## Osan Air Base, Republic of Korea



## Transportation from Incheon International Airport to Osan Air Base

There are several transportation options to arrive at Osan Air Base, these vary depending on several factors. The options listed below (and gate locations) are described in more detail later in this document:

1. **ITT bus:** the bus runs three times a day from Incheon International Airport non-stop to Osan Air Base. The bus enters the base through the Morin Gate and it stops at several places on-base including the Turumi Lodge. **Participant's name MUST be on the Entry Authorization List (EAL) for that day.** ESPO will provide this list to Security Forces based on your arrival dates as reflected on the mission registration database, **ensure it is always up to date.**
2. **Inter-city bus:** It runs every hour from Incheon International Airport and only stops twice before reaching your destination: Songtan Station. Songtan station is located less than a mile from the Osan Air Base Main Gate. The cost is 11200Won (~\$10USD) A taxi to the Osan Air Base Main gate costs about 3000 Won (~\$3USD). The transit time, compared to the ITT bus is about the same. Once inside the main gate, taxis can take you to the Turumi lodge for about 3000Won (~\$3USD)
3. **Subway:** It takes about the same time as the bus, about 2.5 hours. It involves two (2) transfers and costs about 4950Won (~ \$5USD)
4. **Rental Car or Privately owned vehicles:** Must have an escort meet you at the Doolittle gate to obtain a base day-pass for the vehicle. These passes must be

- renewed daily. Base access for rental cars or privately owned vehicles is through the Morin gate. **This option will not be reimbursed unless previously authorized.**
5. Taxi service from Incheon Airport to Osan Air Base is prohibitively expensive (upwards of \$250USD) and will still take about two (2) hours. **This option is not authorized and will not be reimbursed.**

Everyone **EXCEPT participants from designated countries (DCP)** may choose from any of the four (4) options above for their **initial arrival** to Osan Air Base. Once on base, participants **MUST NOT leave the base** until they have received their Osan Air Base ID card (Form 37EK) and must confine themselves to the Turumi lodge and the restaurants around the area. The KORUS-AQ operations area and aircraft parking areas are inside Restricted Areas and therefore off-limits until a proper identification has been issued.

**Korean Nationals** are to be met by an authorized escort at the Main Gate during regular business hours and escorted to the the base Pass and Registration office. Once there, KN will be issued an unescorted base access ID card (Form 37EK).

*Failure to keep your information in the ESPO database updated will result in your name missing from the daily EAL and prevent you from entering the base.*

**DCP** personnel are to be met by an authorized escort at the Main Gate during regular business hours and escorted to the the base Pass and Registration office. Once there, DCP personnel will be issued an escorted base access ID card.

### **ITT Bus**

The bus runs 7-days a week and departs the airport at 0900, 1830, and 2230 hours (unless there are delayed arrivals). The trip to/from Osan Air Base is about 1 hour and 40 minutes, but it could take up to 4 hours in bad traffic. The **ITT Airport Shuttle Bus** (*Fig. 1*) to Osan Air Base departs from the **Joint Reception Center Counter** (*Fig. 2*) located by Bus Stop #1 (see red arrow in *Fig. 3*) at the Incheon International Airport. Approach the counter, and add your name to the passenger list. The cost is **\$35USD, payable in cash only and with exact change.**

The bus brings passengers directly to Osan Air Base via the Morin gate where access authorization is verified. Participant's name must be on the EAL for that day, two forms of government issued identification ID will be required (a government issued badge, passport, or driver license.) The bus then drops passengers off at the **Turumi Lodge (Bldg 772) and at the Information Tickets & Travel (ITT, Bldg 924).** See *Fig. 8* for the locations of different buildings on base.



**Fig. 1:** One of the ITT Buses.



**Fig. 2:** Joint Reception Center Counter.



**Fig. 3:** Bus counter locations at the Incheon International Airport terminal (Red arrow for ITT Bus and Blue arrow for Inter-city Bus).

*Note:* From Osan AB to Incheon International Airport, the bus departs from the ITT building at 0600, 1130, and 1530 hours. It stops at the **Turumi Lodge 30 min before the indicated departure times** and at ITT 15 min prior to departure.

### Inter-City Bus

The buses depart every 30-45 min, sometimes every 2-hr if demand is low. The first bus departs at 0640 hours; the last bus departs at 2220 hours. Tickets for this bus can be purchased at the kiosk/booth around **Gate 8A of the Incheon International Airport** (see blue arrow in *Fig. 3*); the cost is around 11,200Won. (~\$10USD). The bus stop is located just outside the terminal, **Bus Stop 8A**, the bus is purple with "**Airport Limousine**" written on its sides; catch the one that has **Pyongtaek, Songtan** or **Osan AB** written on the window (it will be going in the direction to **Gyeonggi**).

*Fig. 4* is a picture of a bus ticket. Note that the ticket indicates the **time**, the destination (**SONGTAN**, in this case it also shows **Airbase**). The number **02** indicates the assigned seat number. Be at the bus stop about 10-15 minutes before departure. The driver will open the bus storage bins. Ensure that your luggage goes in the cargo hold for **SONGTAN**.



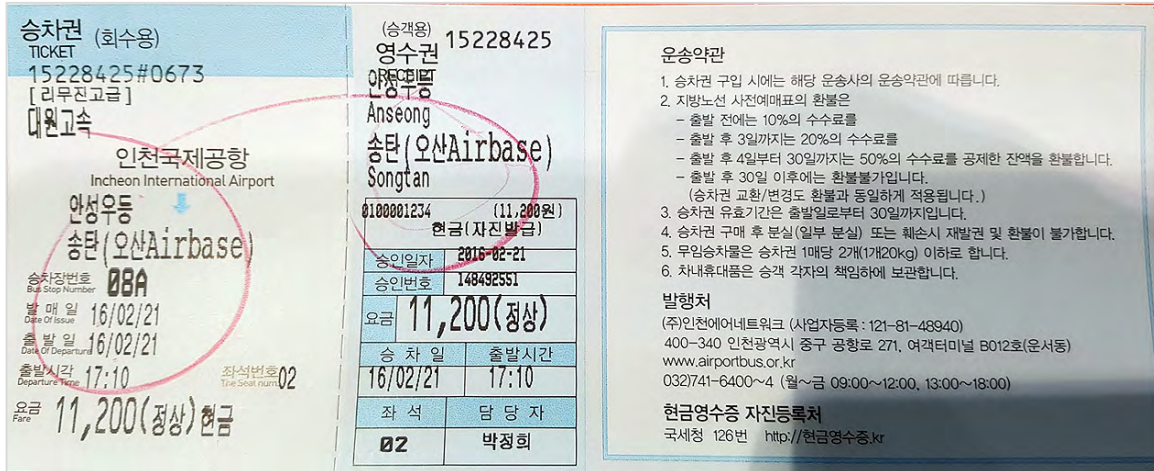


Fig. 4.: Intercity bus ticket.

The bus makes one or two stops on the way -and again- your destination is the **Songtan Terminal, not the Osan terminal**. From the Songtan bus station catch a taxi –or walk to Osan Air base (about ½ mile). The transit time to your stop is usually 2 hours. (Fig. 5).

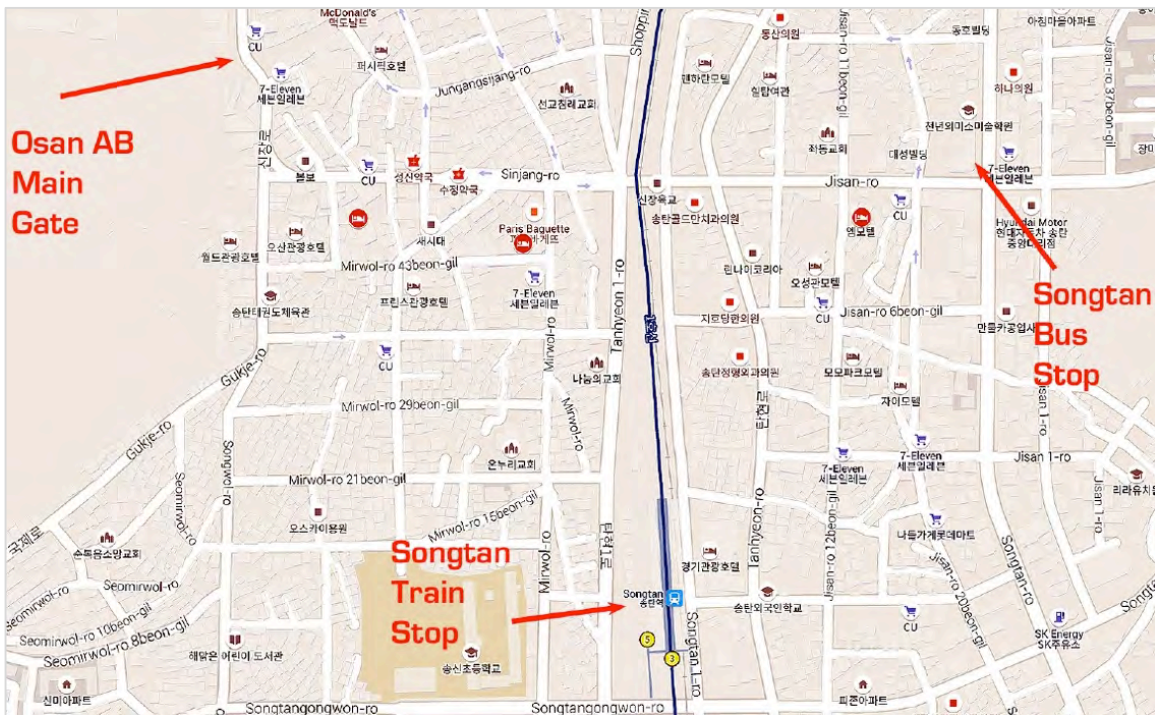
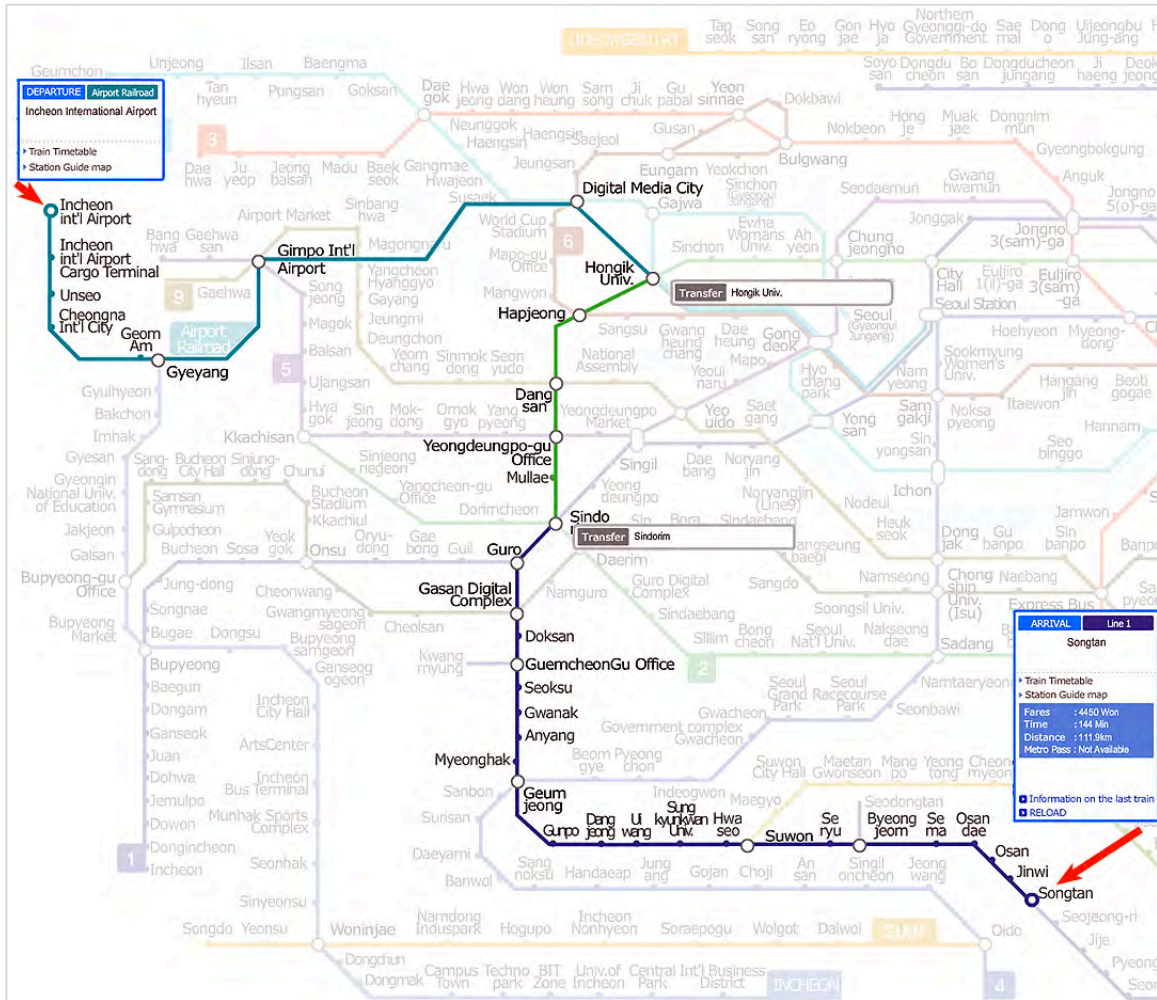


Fig. 5: Location of Osan AB Main gate, bus and train (subway) stations.

## Subway Transportation

Another method of transportation is the Seoul Metro (*Fig. 6*). The cost of the fare is around 5000Won and the transit time is around 2.5 hrs.



**Fig. 6:** Metro route from Incheon International Airport to Songtan (near Osan Air Base)

Directions:

- At the Incheon International Airport purchase a ticket for the entire journey, with Songtan as your final destination. Then take the **Airport Railroad line** to **Hongik University** station.
- Transfer to the **Green line (Line 2)** and get off at the **Sindorim** station.
- Transfer to the **Blue line (Line 1)** and get off at the **Songtan** station.
- Take a taxi or walk to Osan Air Base (about half a mile away) or to your hotel.

Always ensure that you follow the signs in the subway towards your next metro line (color coded) and that you go in the right direction (see the stop names at the end of the line). You can check the real time Metro information and plan your route at the following website: <http://dmzap1.seoulmetro.co.kr/station/eng/linemap.action> There are several



great **apps** for iPhone and Android phones that you may want to download before you travel: *Explore Seoul Subway* and *Subway Korea*. These are highly recommended.

## Lodging Information

We have two lodging venues reserved for the duration of the mission, these are the Turumi Lodge, building 772 on Osan Air Base; and the Osan Hotel, right outside the Main Gate. ***No contact with any of these hotels is required***, ESPO has submitted names and arrival/departure dates based on the information provided on the registration database. Upon checking in, please provide them with your method of payment. If the arrival date changes, please update the database immediately, notify ESPO personnel. After checking-in, changes to check-out dates can be handled directly with the hotel. The confirmation numbers and basic hotel information is as follows:

### Turumi Lodge

Rate: \$60/night

Room block name: NASA

Reservation number: **20980094403**

Phone Number: +82-31-661-1844

Email: [turumilodge.reservat@us.af.mil](mailto:turumilodge.reservat@us.af.mil)

For hotel services, amenities, and more information: <http://www.51fss.com/Lodge.html>

**Note:** Calling the hotel is not required, they will hold the room without a credit card on file even after 6pm. Failure to show up on the specified day, however, will result in the cancellation of the entire reservation.



**Fig. 7:** Turumi Lodge

### Osan Hotel

Rate: \$70/night (includes breakfast)

Room block name: NASA KORUS-AQ

Confirmation number **1642450**

Address: 298-151 Sinjang 2(i)-dong, Pyeongtaek-si, Gyeonggi-do, South Korea

Phone Number: +82-31-664-8960



Email: [osanhotel01@naver.com](mailto:osanhotel01@naver.com)

Website: [www.osanhotel01.kr](http://www.osanhotel01.kr)

Amenities:

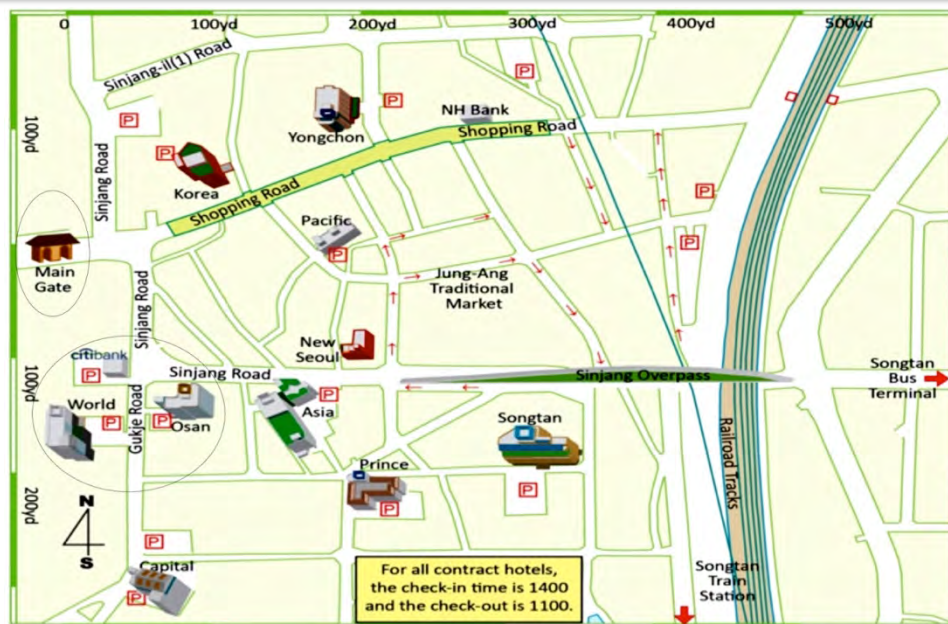
- Air conditioning, TV, desk, microwave, small refrigerator, iron and ironing board.
- 220V to 120V transformer
- Laundry services available for a fee



**Fig. 8:** Standard room

**Notes:**

- The Osan Hotel doesn't require a credit card to hold the hotel if arrival is past 6pm.
- The breakfast buffet starts at 0630 and it takes place on the 5<sup>th</sup> Floor at the World Hotel (across the street). (Fig 9)



**Fig. 9:** Location of the Osan Air Base Main Gate and the Osan and World Hotels.

## Per Diem

Although Osan Air Base and Pyongtaek are almost one and the same, they have different per diem rates. The per diem at Pyongtaek is \$79 lodging / \$61 M&I; Osan Air Base falls under the “other” category and has a per diem of \$74 for lodging / \$49 M&I.

## Car Rentals & Privately Owned Vehicles

**This option will not be reimbursed unless previously authorized.** Car rentals are available on base by Korea First Rent-a-car (KFR) and the rates start at \$60USD/day for a compact sedan. Insurance coverage is an additional charge (average cost \$240 per month). You might get a 30% off on the daily rate for a 30-day rental period. Driver **MUST** have an international driver license. A vehicle rented on base has the advantage of having a base sticker that allows it to go in/out (assuming that the driver has vehicle privileges). Everything on base is within walking distance, with only 1/2 mile from the Turumi Lodge to either the main gate or the KORUS-AQ mission operations area. **Taxis are the best and most efficient way of transportation.** They are quickly and readily available 24/7 and cost less than \$3 per ride on average.

Privately Owned Vehicles (POV) and vehicles rented outside the base require that the drivers have Vehicle Privileges indicated on their Form 37EK. These vehicles must proceed to the Doolittle Gate to obtain a vehicle pass and then proceed to enter the base via the Morin Gate. This pass must be renewed daily. An authorized escort with driving privileges is required if the driver doesn't have a Form 37EK.

Once on base -if desired- a 30-day vehicle pass can be obtained at the Pass & Registration office. Documentation required includes: driver license, vehicle registration, and proof of insurance. See ESPO personnel for assistance.

## Dialing Phone Numbers in Korea

The numbers you dial depend on the phone you are using and where you are calling from. For a US cell phone in Korea, or when calling from the US:

- For all 783-XXXX numbers, dial 011 82 31 660 XXXX / + 82 31 660 XXXX
- For all 784-XXXX numbers, dial 011 82 31 661 XXXX / + 82 31 661 XXXX
- For 0505-122 (SSRT) numbers, dial 011 82 31 617 XXXX / + 82 31 617 XXXX

Once in Korea and when using a Korean Commercial Long Distance Service dial the following numbers:

- For all 783-XXXX numbers, dial 31 660 XXXX and
- For all 784-XXXX numbers, dial 31 661 XXXX

**Note:** When travelling abroad it makes a big difference how you have stored your contacts' phone numbers in your phone. While some phones might have some sort of “International Dial Assist” feature, these are not always reliable. Dialing a number stored as (650) 604-2000 might give different result and end up dialing a local number. A better option –and good habit- is to include the country code for the United States (+1) as part of your contacts' phone number. Dialing +1 650 604-2000 will always work, even when you are back in the US.

## Mobile Telephone & Data Communications

A few recommendations regarding cell phone use during the mission:

- Before departing the US or home country, it might be a good idea to have an international data/voice plan setup even if you are planning not to use your phone for roaming data and phone calls. Roaming data can cost as much as \$20USD/Mb.
- Ensure that **ROAMING is turned off** in your smart phone before you depart the US or your home country. A single “sync” upon landing can use several Mb of data.
- Free Wi-Fi is available almost everywhere including airport, cafes. Similarly, on base, free Wi-Fi is available at the hotel, restaurants, food courts, gym. *Common sense and standard security practices are recommended when connecting to public networks, use VPN for maximum security. See your organization’s IT support for details.*
- When connected to Wi-Fi (and roaming turned off) many apps allow text messaging, voice and video calls at virtually no charge. These apps include –but are not limited to: *Whatsapp, Facebook Messenger, Voxter, Skype, Hangout*, and others.

### Obtaining a Local Phone/Data Plan

Prepaid SIM card rentals are available at the KT Roaming Center at Incheon International Airport. It is best to rent them upon arrival and cancel them when you depart. Cancellations MUST be done in person at the same office where SIM card was obtained. Details are as follows:

- You must have an unlocked GSM **smart phone** (check with your carrier). SIM cards for regular phone-only devices are not available.
- You will need to put a credit card on file
- Cost: ~33,000 Won for 10 days / ~44,000Won for one month
- Unlimited data
- Incoming calls are free
- Outgoing calls: 20c/min within Korea and 8c/min to the US

For more information visit: <http://roaming.kt.com/rental/eng/custom/center.asp>

### Office Phone Lines

We will have several land lines available to us during the mission (numbers and locations to be posted/distributed at a later time.) These are phones that can dial anywhere on base and receive calls from anywhere in the world. However, these phones cannot be used to make long distance international calls to the US.

### Internet Connectivity on Base

ESPO will provide internet connectivity at the buildings that are part of KORUS-AQ mission operations. Passwords will be emailed to the team. Every restaurant and base facility has open wireless internet connections.



## Shipping to/from the US (and other countries)

The FedEx office located inside the BX mall (see map at the end of the document) is the most convenient and fastest method for small shipments, it usually takes 2-3 days in either direction. For FedEx shipments to Osan, send items to:

**Name/NASA & Local Phone Number (such as your room phone number)**  
**Osan AB FedEx World Service Center**  
**Pyeongtaek City, Postal Code: 459-122**  
**Korea**

### Notes:

- It is extremely important to include Sender's and receiver's phone number (local number preferred) in the shipment.
- To Hold item at location, check special handling (HAL) on Airway bill.
- Regular shipments only (68Kg or 150lb)
- Seek advice from ESPO for shipments exceeding FedEx capacity.

## Base Access and Restrictions

### Osan AB Gates & Schedule

**Main Gate:** This gate is open 24/7 for pedestrians. Escorted visitor requests are processed here. **No vehicle passes are issued at this gate.**

Pedestrians: 24/7 pedestrian access.

Cars: 5am – 10pm, (must already have a vehicle and visitor pass).

**Morin Gate:** No vehicle nor visitor passes are issued here.

24/7 for vehicles only (must already have a vehicle and visitor pass).

**Doolittle Gate:** There is no access through the Doolittle gate, it is only intended for processing of vehicle passes. Once a pass is obtained, vehicle must proceed to enter the base via the Morin Gate. Vendors, suppliers, cargo transport, etc. must also request access at this gate.

The hours of operation are daily from 0600 – 0000

### Base Restrictions

- **No Photography** on the flight line or towards the runway. No photographing of military aircraft.
- **Designated country personnel (DCP) MUST** be escorted at all times.
- Always carry the following identification:
  - Form 37EK: issued by Osan Air Base
  - ESPO issued ID mission badge: Allows you to visit KORUS-AQ restricted areas.
  - KID /passport
  - Special access/training as needed (i.e.: base issued forklift authorization.)





*Fig. 11: Main Buildings used for KORUS-AQ (Satellite view)*



*Fig. 12: Bldg 1187, parking and entrance area (door by the truck)*

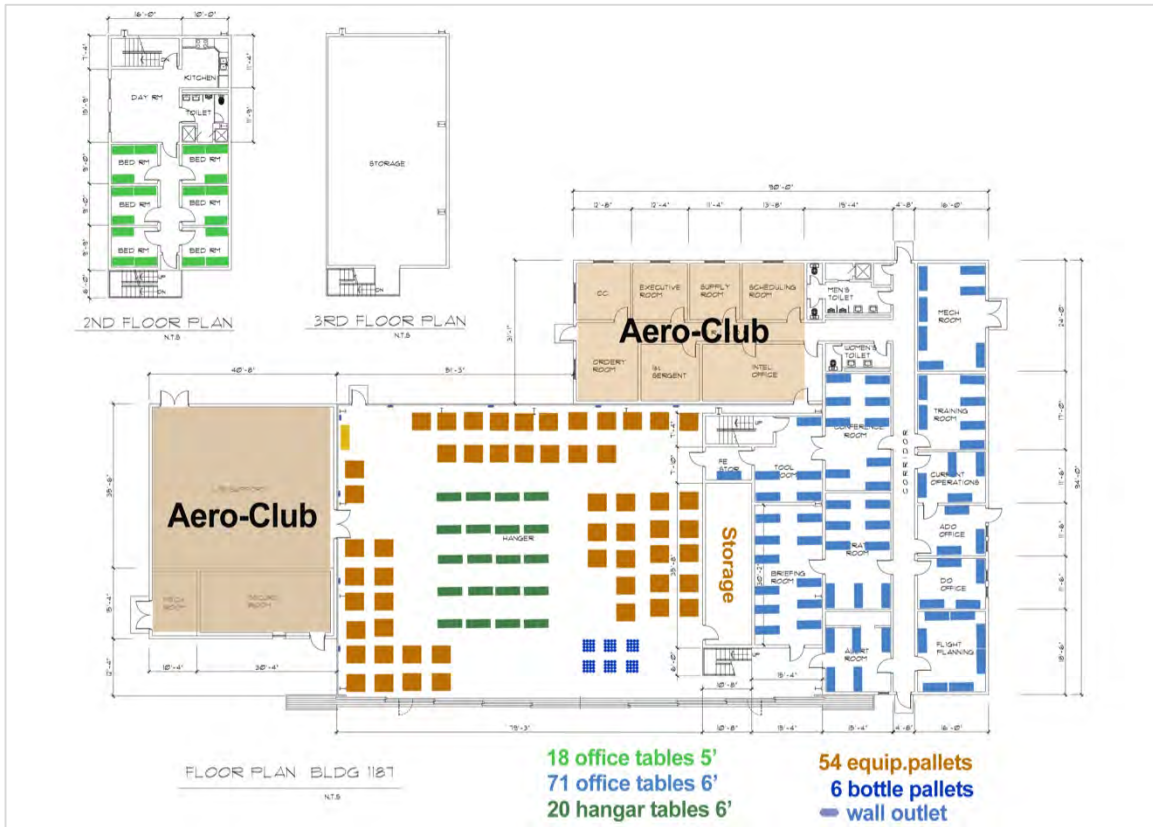


*Fig. 13: Bldg 1187 lab/storage space..*

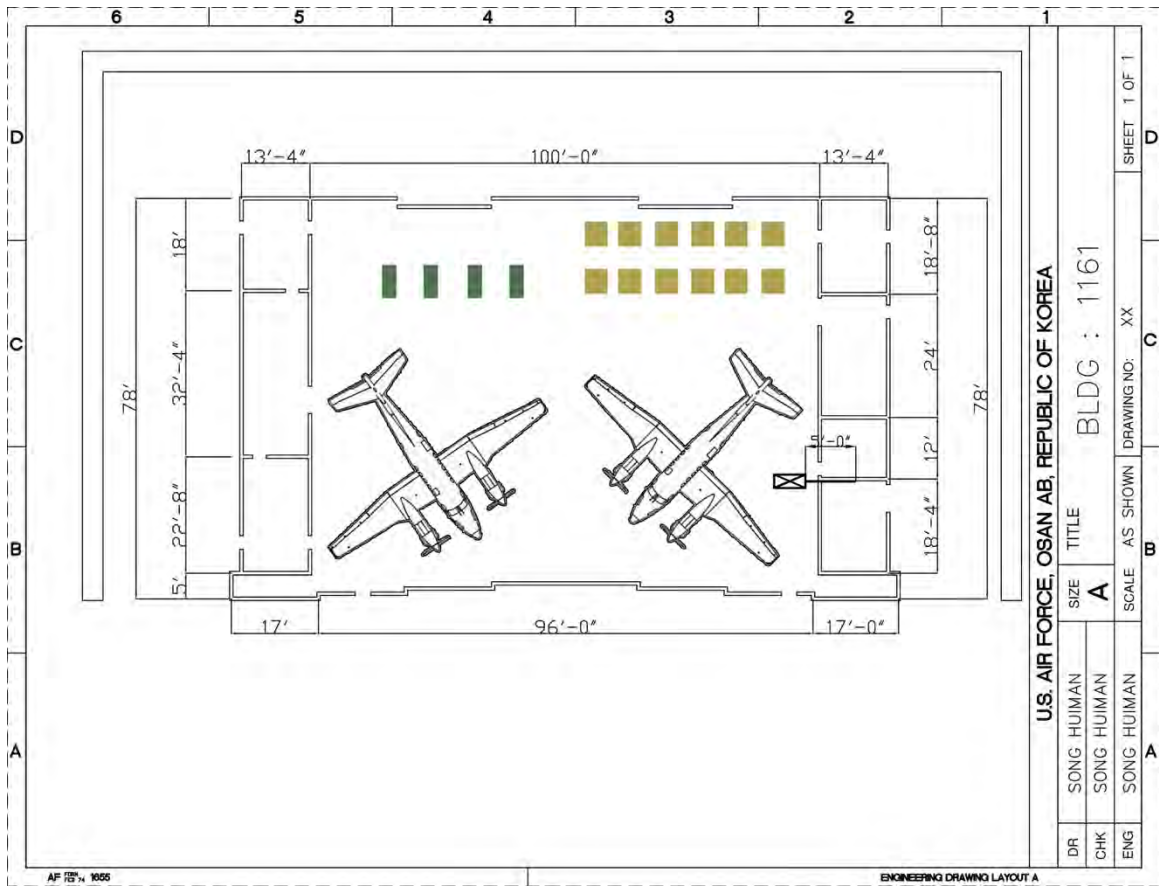




**Fig 14.:** Ramp view of Bldg. 1187.



**Fig 15:** Bldg. 1187 diagram of planned KORUS-AQ office and hangar floor usage



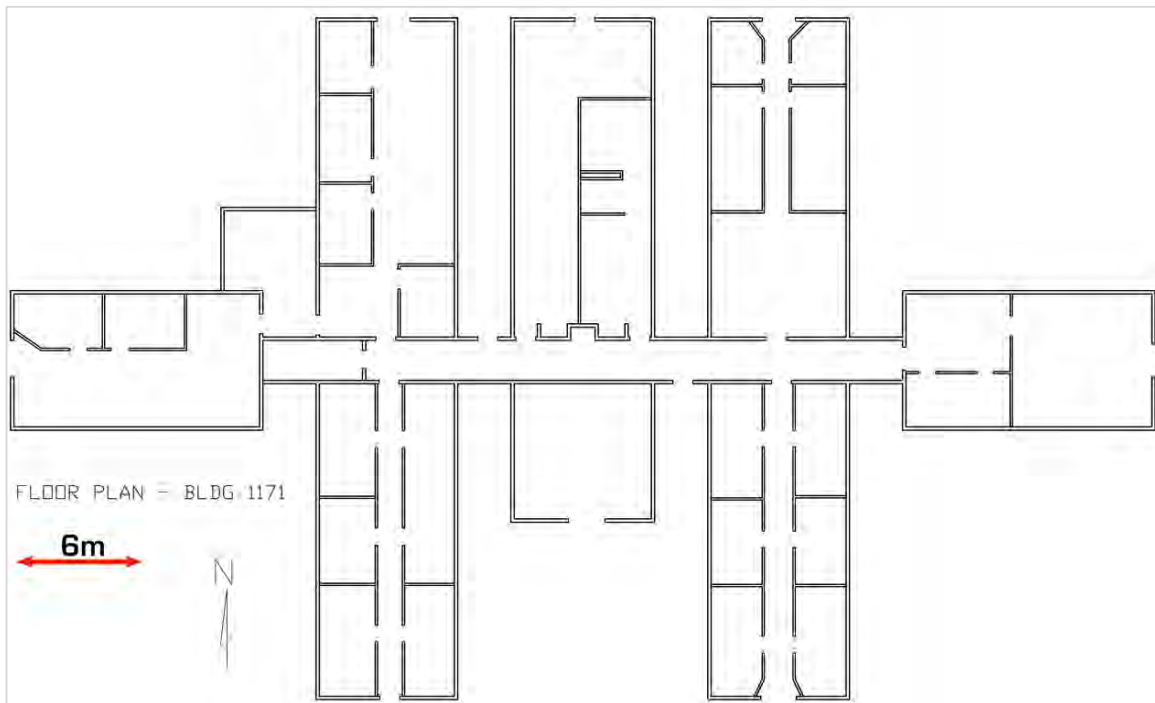
**Fig. 16:** Bldg 1161, King Air aircraft hangar floor, lab space diagram.



**Fig. 17:** Bldg 1161, King Air aircraft hangar floor, lab space.



*Fig. 18: Bldg 1171: Office space & Meeting Space*

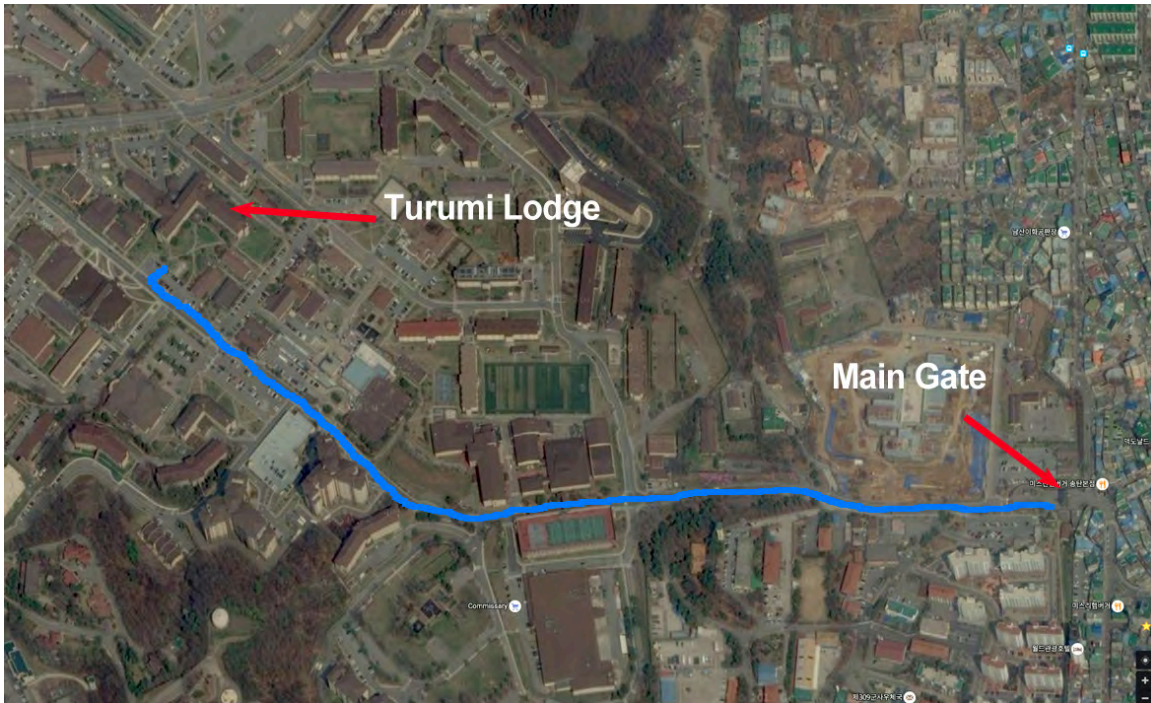


*Fig. 19: Bldg 1171: Office space & Meeting Space layout.*

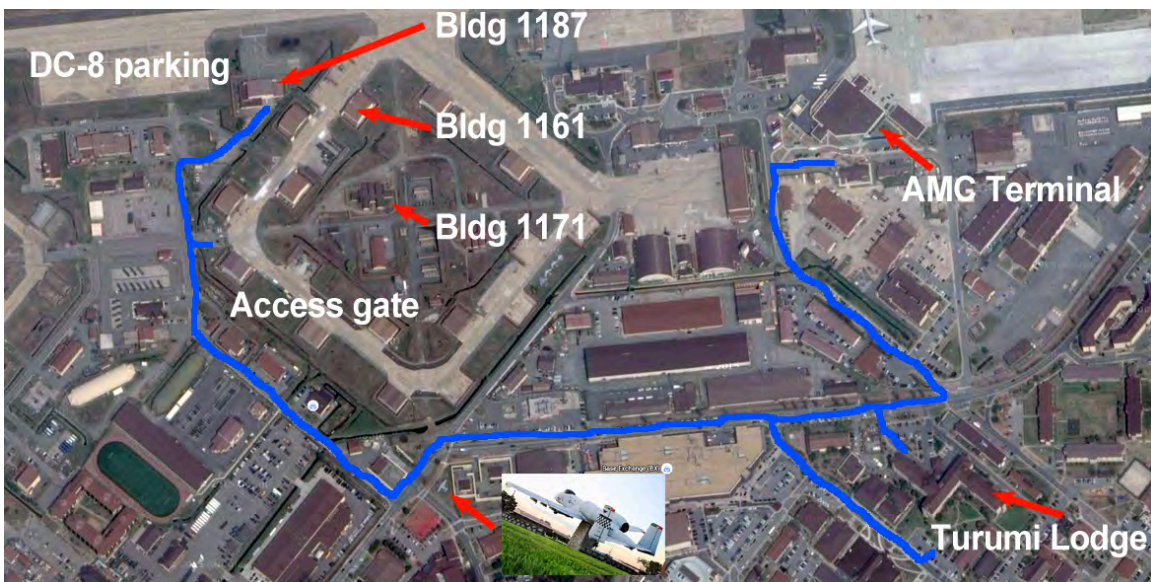


## Walking to/from Main Gate

Osan AB is very pedestrian and bicycle friendly with crosswalks and bike lanes well delineated. The walking distance from the Main gate to the Turumi lodge is about half-mile, and the distance from the Turumi lodge to the KORUS0AQ operations area is also about half-mile. Figures below show in blue the most direct route in between points of interest for the mission.



*Fig. 20: Walking path from Turumi Lodge (rear entrance) to Main gate.*

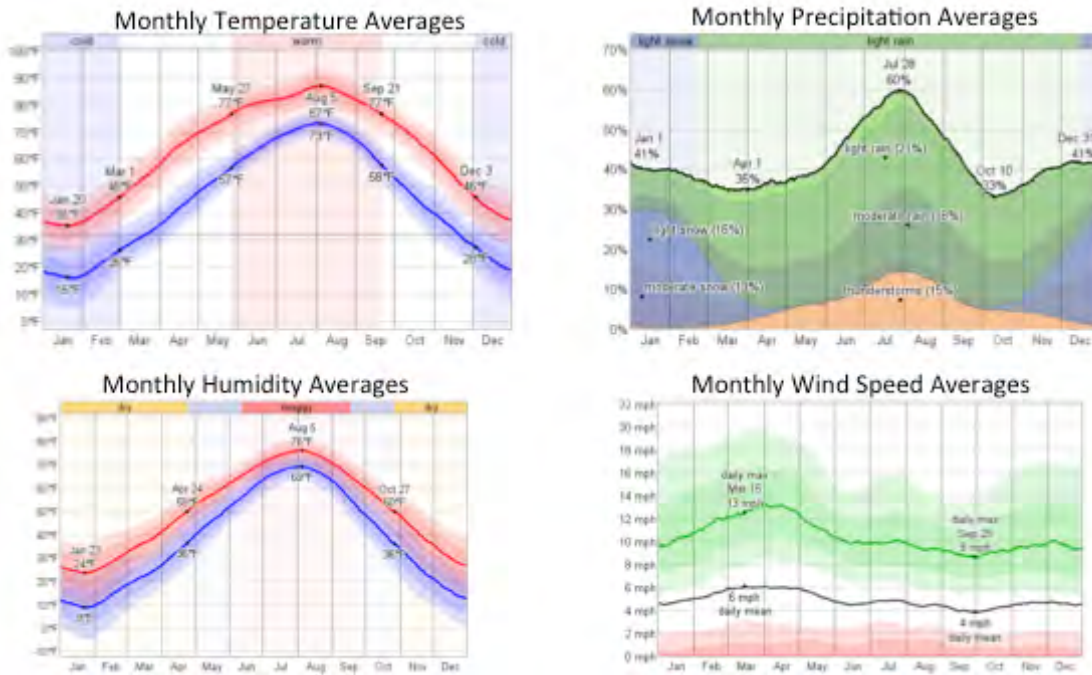


*Fig. 21: Walking path from Turumi Lodge to KORUS-AQ operations*

## Social Media

- Mission RSS Feed:
- <https://espo.nasa.gov/home/korus-aq/daily-schedule/rss.xml>
- (Short URL: <https://goo.gl/nSRvAj>)
- Twitter: [https://twitter.com/korus\\_aq](https://twitter.com/korus_aq)
- Facebook: <https://www.facebook.com/sciflychannel>

## Weather Averages



*Fig. 22: Yearly weather averages*

## Links of Interest

KORUS-AQ Mission website:

KORUS-AQ Mission Schedule: <https://espo.nasa.gov/home/korus-aq/calendar>

51<sup>st</sup> Force Service Support Group: <http://www.51fss.com/Odr.html>

Osan Air Base: <http://www.osan.af.mil/>

Osan AB phonebook:

<http://www.osan.af.mil/search/generalsearch.asp?q=base+phonebook&btnG.x=0&btnG.y=0&site=Osan>

ITT Bus Facebook page: <https://www.facebook.com/notes/osan-passenger-terminal/bus-schedule/728013533981545/>

## Osan AB Facilities and Amenities Open to KORUS-AQ Personnel

### Shopping

Osan AB is conveniently located with many shops, restaurants, shopping centers and supermarkets located just outside the Main gate. On base, we have access to ALL of the facilities indicated below *with the exception* of the Commissary (groceries) Osan Exchange Mall Main Store (similar to a Target or Wal-Mart in the US), and the Osan Military Clothing. We can use the Osan Express which is similar to a convenience store like a 7-Eleven. Most businesses on base accept either Korean Won or US dollars.

US civil servants have been approved to shop at the commissary and Osan Main Store, please contact ESPO upon arrival for further instructions.

### ATM Locations

ATMS –dispensing both, US dollars and Korean Won, are located at several places on base including: The Turumi lodge lobby, the BX, and the enlisted club restaurant.

### Dining

KORUS-AQ personnel has access to all of the dining facilities on base such as the E-Club, officer club, food court, fast food chain restaurants, etc.

### Fitness Center

The fitness center is located in building 1423 and opens 24 hours/7 days a week, however, for KORUS-AQ personnel it is only available during hours when there is a person at the counter. Must show 37EK at the entrance.

0500 – 2200 Mon-Fri

0800 – 1700 Sat, Sun, & Holidays

### Local Tours

The Information Tickets & Travel office (ITT) has many options available for tourism around Korea, and these are usually cheaper than ones offer outside the base. For more information see their website at <http://www.51fs.com/itt.html>





Fig. 23: Informational Map of Osan Air Base.

## Important / Useful Numbers While at Osan AB

|                                 |              |
|---------------------------------|--------------|
| Turumi Lodge:                   | 784-6700     |
| Base Taxi:                      | 784-4121     |
| Base Operations:                | 784-4038     |
| Base Weather Forecast:          | 784-4377     |
| Security Police:                | 784-5515     |
| Directory Assistance:           | 411          |
| Base Operator:                  | 784-1110     |
| Commercial Operator Assistance: | 661-1110     |
| Emergency Room:                 | 784-2500     |
| Emergency:                      | 911          |
| Emergency (from cell phone):    | 031-661-9111 |

## Further Questions?

For more information or any questions please contact:

- Jhony R. Zavaleta +1 650 224-4825 [zavaleta@nasa.gov](mailto:zavaleta@nasa.gov)
- Kent C. Shiffer +1 650 336-3127 [kent.c.shiffer@nasa.gov](mailto:kent.c.shiffer@nasa.gov)
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