American Samoa

2016 ATom Deployment Guide

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Before Arrival

Travel Documentation

All visitors to American Samoa require a valid passport for entry. US Citizens and US Nationals do not require a visa and may enter and leave freely. Citizens of countries participating in the US Visa Waiver Program (Andorra, Australia, Austria, Belgium, Brunei, Chile, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Latvia, Liechtenstein, Lithuania, Luxembourg, Monaco, Netherlands, New Zealand, Norway, Portugal, Republic of Malta, San Marino, Singapore, Slovakia, Slovenia, Spain, South Korea, Sweden, Switzerland, Taiwan, United Kingdom) are issued a 30-day permit.

All other international passport holders intending to visit American Samoa for business or holiday are required to apply for an entry visa. For further information, contact the Attorney General's Office at (684) 633-4163.

Customs

All personnel entering American Samoa on the DC-8 must:

- Declare currency or monetary instruments over $10,000 U.S. or foreign equivalent
- Declare any fruits, plants, meats, food, soil, birds, insects, or other live animals, farm products, or any agricultural commodities, regardless of their country of origin
- Declare any alcoholic beverages
- Declare any cigarettes or tobacco products
- Declare any articles for business or sale
- Declare any firearms or ammunition

CDC Recommendations

Vaccines recommended by the CDC for travel to American Samoa can be found at http://wwwnc.cdc.gov/travel/destinations/traveler/none/american-samoa. The CDC advises that all travelers to American Samoa check the recommended vaccines list and visit their doctor 4-6 weeks prior to travel. Please be advised that in November 2015, Samoa reported local transmission of Zika virus infection. Local transmission means that mosquitoes in the area have been infected with Zika virus and have spread it to people.

Currency

The United States Dollar is the currency of American Samoa.

There are two major banks on Tutuila Island, the ANZ Amerika Samoa Bank and the Bank of Hawaii (BOH). ANZ ATM machines can be found at Pago Pago International Airport, Tradewinds Hotel, Laufou Shopping Center, Cost U Less Ottoville, LBJ Hospital, the ANZ Fagatogo branch and the ANZ Tafuna branch. BOH ATM machines can be found at KS Mart, Laufou Shopping Center, the BOH Tafuna branch and the BOH Utulei branch.

Schedule

Saturday, August 6	Sunday, August 7	Monday, August 8
≈ 16:21 arrival from Kona	Instrument Access	≈ 08:30 departure to Christchurch

Daily Schedule

Schedule details and updates will be sent to the list serve and posted on the ATom website - https://espo.nasa.gov/atom.

Site Orientation

ESPO Site Support

Name	**Phone**	**E-mail**
Marilyn Vasques (Site Manager)	+1 (650) 417-8796	marilyn.vasques@nasa.gov
Erin Justice (Site Support)	+1 (530) 251-6928	erin.justice@nasa.gov

Per Diem

2016 Per Diem rates as set by the Department of Defense
http://www.defensetravel.dod.mil/site/perdiemCalc.cfm

Locality	Maximum Lodging	Local Meals	Local Incidental	Maximum Per Diem	Effective Date
AMERICAN SAMOA	139	55	14	208	06/01/2015

* All rates are in US Dollars

Lodging

All ATom participants will stay at the Tradewinds Hotel, which is about one mile from the Pago Pago International Airport. The hotel rate is $139/night (plus tax). Room bookings have been pre-arranged by ESPO and ATom participants simply need to provide a credit card upon check-in.

There are two washers and two dryers at the hotel ($1/wash and $1/dry).

Transportation

Rental cars are available at the Pago Pago International Airport and at the Tradewinds Hotel. Participants can also get from the airport to the Tradewinds Hotel and back 24 hours a day by using the free hotel shuttle.

Rental Cars

There are four viable options to rent a car in American Samoa as shown in the table below.

The recommended option is through the Tradewinds Hotel. The hotel has 15 mini-SUVs available for rent. Reservations can be made in advance by phone or e-mail.

The other three car rental agencies are located at the airport. Since the plane will be arriving outside of normal business hours, arrangements would have to be made in advance with these agencies.

The daily rental price shown below includes insurance.

Name	Daily Rental Price	Hours	Phone	E-mail (or Website)
Tradewinds Hotel	$80	call or e-mail to book	(684) 699-1000	info@tradewinds.as
Avis	$100 - $120	0800 - 1600 (Mon-Fri); 0800 - 1200 (Sat)	(684) 699-2746	spauga@asco.as; www.avis.com
Tropical Car Rental	$95 - $120	0800 - 1630 (Mon-Fri); 0800 - 1300 (Sat)	(684) 699-1176 or (684) 699-7717	akepepe@gmail.com
Sir Amos Car Rental	$95 - $135	0900 - 1630 (Mon-Fri); 0900 - 1200 (Sat)	(684) 699-4556; after hours: (684) 256-4394	gshmeedy@yahoo.com

Driving Requirements and Tips

Motorists operate on the right side of the road in American Samoa (unlike in neighboring Independent Samoa). The maximum speed limit on Tutuila Island is 25 miles/hour and there is only one major road, so although the island is small, you must factor in plenty of extra travel time. Roadwork seems to be common, which compounds this issue.

Taxis

Taxis in American Samoa are not clearly identified as such. The only way to be sure a car is actually a licensed taxi is to look for a T or TA on the license plate.

There are no meters on taxis. Ask questions and negotiate with the driver before getting in or ask someone at the Tradewinds Hotel to negotiate for you. A one-way cab fare from the airport to the Tradewinds Hotel should cost about $3. A one-way fare from the Tradewinds to Pago Pago harbor should cost about $10.

Communications

Internet

In May 2015, the free Wi-Fi provided by the Tradewinds Hotel was basically unusable. Alternatively, at the Tradewinds Hotel front desk, you can purchase a Wi-Fi pass from local network carrier BlueSky, which gives you 24 hours of Internet service for $10. There is a BlueSky hotspot at the hotel that can be accessed throughout the premises (i.e., in your room). This method is stable, but still only gets you less than 0.5 Mbps up and down. This Wi-Fi pass will also allow you to get online via the Bluesky hotspot at the airport.

We recommend turning off data on any mobile device while in American Samoa as data roaming rates are $2.05 per MB.

Voice and Text

Although American Samoa is a US territory, you pay international rates when calling or sending text messages. For AT&T customers, calls placed or received while in American Samoa are charged at $2.50 per minute ($2.99 per minute for Verizon customers). Text messages cost $0.50 to send and $0.05 to receive.

- The American Samoa country code is 684.
- To call a U.S. number while in American Samoa, dial plus sign, then 1, then 10-digit number.
- To call a local number while in American Samoa, dial plus sign, then 684, then local number.

Aircraft Access

Escort badges will be issued daily to all ATom participants requiring access to the DC-8. An employee of Pritchard Airport Services will escort ATom participants to and from the DC-8. All participants must wear high visibility reflective vests, display their airport-provided escort badges and their ATom badges at all times while on the flight line.

Shipping

Most FedEx air deliveries take 2-3 days to get to American Samoa from CONUS. However, it is possible to get an overnight delivery to American Samoa if the shipment leaves CONUS on Thursday. Ask the ESPO site manager for the shipping address if necessary.

Health

In American Samoa, the government provides medical care through a single agency, the Department of Health. No private medical care, no health insurance, nor third party payment for medical care is available.

Hospitals & Clinics

Tafuna Community Health Center

Hours: 0800 - 1600 (Mon - Fri); 0800 - 2000 (Wed)

Tafuna Community Health Center (TCHC) will be the first stop for any ATom participant who feels unwell. TCHC is a small clinic near the airport. All primary care can be handled here at $10 per visit. The office hours phone number is (684) 699-6380. A 24-hr urgent care hotline is available at (684) 770-1574. In addition, a tropical disease hotline is available at (684) 731-7511 (POC: Scott Anesi). TCHC doctors provide primary care, write prescriptions, and refer patients to LBJ Tropical Medical Center—the only hospital on the island.

LBJ Tropical Medical Center

LBJ Tropical Medical Center provides all inpatient medical care for the islands and much of the outpatient care. LBJ is a 124-bed acute-care hospital providing a fairly comprehensive array of primary and secondary

medical services. The main number at LBJ is (684) 633-1222. LBJ is about a 20-minute drive from the airport east on Route 1 (the main road). **Call 911 for all emergencies**.

STORES/RESTAURANTS

(See map on page 12)

Tutuila Island has limited options when it comes to stores and restaurants. Given that the stop in American Samoa is scheduled to be short, we recommend eating at the Equator Restaurant at the Tradewinds Hotel. Breakfast is served daily from 0600 - 1000; lunch is daily from 1100 - 1600; and dinner is daily from 1800 - 2130.

Groceries can be purchased near the hotel at KS Mart, which also carries office supplies, batteries, etc. There is also a small convenience store across the street from the hotel called Shalhout's where you can buy bottled water and snacks.

More information about these places and other stores and restaurants can be found in the table below.

RESTAURANTS					
Place	**Village**	**Directions**	**Hours**	**Phone Number**	**Notes**
Oasis Bar & Restaurant	Tafuna	Route O-14, near the McDonald's		(684) 699-6231	Local bar and restaurant serving sandwiches, fish, Japanese, and Korean food
Jade Restaurant	Laufou Shopping Center, Nu'uuli	Route 1 towards Pago Pago		(684) 699-8555	Chinese restaurant with large, descriptive menu. Good!
GROCERIES/GENERAL					
Place	**Village**	**Directions**	**Hours**	**Phone Number**	**Notes**
Shalhout's	Ottoville	Across the street from Tradewinds Hotel	Mon - Sat, 0600 - 2100	(684) 699-7102	Convenience store
Cost U Less	Tafuna	From Tradewinds Hotel, take a right on Airport Road	Daily, 0800 - 2000	(684) 699-5975	Costco-type store with individual items like office supplies, batteries, etc.
KS Mart	Tafuna	From Tradewinds Hotel, take a left on Airport Road	Daily, 0630 - 2200	(684) 699-4727	Large grocery store with other things like office supplies, batteries, etc
Forsgrens	Laufou Shopping Center, Nu'uuli	Route 1 towards Pago Pago	Mon - Sat, 0900 - 2000	(684) 699-6198	Walgreens-style general store

HARDWARE/OFFICE/ELECTRONICS					
Place	**Village**	**Directions**	**Hours**	**Phone Number**	**Notes**
Ace Hardware	Malaemi	On Route 1 - take a left when Route O-14 dead ends	Mon - Fri, 0800 - 1700; Sat, 0730 - 1400	(684) 699-2482	Hardware
CBT True Value	Nu'uuli	Route 1 towards Pago Pago	Mon - Fri, 0800 - 1700; Sat, 0730 - 1300	(684) 699-9866	Hardware
Computer World	Nu'uuli	Route 1 towards Pago Pago	Mon - Fri, 0900 - 1800; Sat, 0900 - 1300	(684) 699-9706	Small computer store with ethernet and HDMI cables - also some Mac peripherals including MagSafe AC adaptors.

American Samoa Business Directory - http://www.samoabusinessdirectory.com/index.html

Upon Departure

Preflight for the departure to Christchurch will begin approximately three hours prior to takeoff.

You are responsible for obtaining the food you want to take on the outbound flight. KS Mart and Cost U Less are the two nearest supermarkets to the Tradewinds Hotel.

Weather

American Samoa has a tropical climate all year round with two distinct seasons, wet and dry. The wet season is usually between December and March and the dry season from April through to September with the average daily temperature around 82˚- 83˚ Fahrenheit all year round.

Natural Hazards/Emergency Plans

Earthquakes, tsunamis, and extreme heat are the three major natural hazards in American Samoa in the summer.

> *Notably, the 2009 Samoa earthquake and tsunami took place on 29 September in the southern Pacific Ocean. The Los Angeles Times, quoting a source at the National Park of American Samoa, reported that "four tsunami waves, 15 to 20 ft (4.5 to 6 m) high", and "reaching up to a mile (1.6 km) inland" hit American Samoa shortly after the earthquake. The water flowed inland about 100 yd (100 m) before receding, leaving some cars stuck in the mud.*

Earthquakes

Please review the Earthquake preparedness guidelines from the CDC below before the deployment.

If a major earthquake occurs during our stopover in American Samoa,

- At airport - The team will follow the instructions of airport management and the airport Emergency Operations Staff.
- At hotel or elsewhere - Shelter in place using the CDC guidelines.

Following an earthquake, all team members must check in with the ESPO site manager when it is safe to do so (either in person or by phone). The ESPO site manager will do a head count to ensure that everyone on the team is safe and accounted for.

During an Earthquake (from cdc.gov)

Indoor Safety

If you are inside, stay inside. DO NOT run outside or to other rooms during shaking.

In most situations, you will reduce your chance of injury from falling objects and even building collapse if you immediately:

- DROP down onto your hands and knees before the earthquake knocks you down. This position protects you from falling but allows you to still move if necessary.

- COVER your head and neck (and your entire body if possible) under the shelter of a sturdy table or desk. If there is no shelter nearby, get down near an interior wall or next to low-lying furniture that won't fall on you, and cover your head and neck with your arms and hands.

HOLD ON to your shelter (or to your head and neck) until the shaking stops. Be prepared to move with your shelter if the shaking shifts it around.

DO NOT stand in a doorway. You are safer under a table. In modern houses, doorways are no stronger than any other part of the house. The doorway does not protect you from the most likely source of injury–falling or flying objects. Most earthquake-related injuries and deaths are caused by falling or flying objects (e.g., TVs, lamps, glass, bookcases), or by being knocked to the ground.

You can take other actions, even while an earthquake is happening, that will reduce your chances of being hurt.

- If possible within the few seconds before shaking intensifies, quickly move away from glass and hanging objects, and bookcases, china cabinets, or other large furniture that could fall. Watch for falling objects, such as bricks from fireplaces and chimneys, light fixtures, wall hangings, high shelves, and cabinets with doors that could swing open.

- If available nearby, grab something to shield your head and face from falling debris and broken glass.

- If you are in the kitchen, quickly turn off the stove and take cover at the first sign of shaking.

If you are in bed, hold on and stay there, protecting your head with a pillow. You are less likely to be injured staying where you are. Broken glass on the floor has caused injury to those who have rolled to the floor or tried to get to doorways.

Outdoor Safety

If you are outside, stay outside, and stay away from buildings utility wires, sinkholes, and fuel and gas lines.

The area near the exterior walls of a building is the most dangerous place to be. Windows, facades and architectural details are often the first parts of the building to collapse. Also, shaking can be so strong that you will not be able to move far without falling down, and objects may fall or be thrown at you. Stay away from this danger zone--stay inside if you are inside and outside if you are outside.

If outdoors, move away from buildings, utility wires, sinkholes, and fuel and gas lines. The greatest danger from falling debris is just outside doorways and close to outer walls. Once in the open, get down low (to avoid being knocked down by strong shaking) and stay there until the shaking stops.

Tsunamis

If a tsunami warning takes effect during our stopover in American Samoa,

- At airport - The team will follow the instructions of airport management and the airport Emergency Operations Staff.
- At hotel - Shelter in place and move to a higher floor if necessary. Follow the advice of local emergency and law enforcement authorities.
- Elsewhere - If you are at the beach or near the ocean and you feel the earth shake, move immediately to higher ground. DO NOT wait for a tsunami warning to be announced. Stay away from rivers and streams that lead to the ocean, as you would stay away from the beach and ocean in the event of a tsunami. A tsunami from a local earthquake could strike some areas before a tsunami warning could be announced.

When the situation has stabilized, all team members must check in with the ESPO site manager (either in person or by phone). The ESPO site manager will do a head count to ensure that everyone on the team is safe and accounted for.

Extreme Heat

(taken from http://www.ready.gov/american-samoa)

Heat kills by pushing the human body beyond its limits. In extreme heat and high humidity, evaporation is slowed and the body must work extra hard to maintain a normal temperature.

Most heat disorders occur because the victim has been overexposed to heat or has over-exercised for his or her age and physical condition. Older adults and those who are sick or overweight are more likely to succumb to extreme heat.

What you should do when the weather is extremely hot:

- Eat well-balanced, light, and regular meals.
- Drink plenty of water; even if you do not feel thirsty. Avoid drinks with caffeine. Persons who have epilepsy or heart, kidney, or liver disease; are on fluid-restricted diets; or have a problem with fluid retention should consult a doctor before increasing liquid intake.
- Limit intake of alcoholic beverages.
- Dress in loose-fitting, lightweight, and light-colored clothes that cover as much skin as possible. Avoid dark colors because they absorb the sun's rays.
- Protect face and head by wearing a wide-brimmed hat.
- Avoid strenuous work during the warmest part of the day. Use a buddy system when working in extreme heat, and take frequent breaks.

MAPS

PAGO PAGO INTERNATIONAL AIRPORT AND VICINITY