U.S. Military Bases and Facilities in the Middle East



American Security Project

Fact Sheet

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Introduction

This fact sheet provides a rough overview of U.S. military bases and facilities in the Middle East. Compiled from publicly available information, this listing presents a picture of a variety of facilities the U.S. either maintains or retains access to throughout the region. Due to the fluctuating nature of U.S. military operations in the region, it is not possible to put together a complete picture of the entirety of U.S. forces' deployment. As the wars in Iraq and against ISIS have ebbed and flowed, so has the U.S. presence in the region.

In countries like Iraq and Syria, the U.S. undoubtedly occupies pre-existing facilities or operates hastily constructed temporary bases that are not publicly acknowledged for operational security reasons. Many of these have been observed through commercial satellite imagery. The growing role of unmanned aerial vehicles in U.S. operations, whether by intelligence agencies or the U.S. military, also presents a challenge to identifying where Americans are currently based. This fact sheet does not document instances of unacknowledged facilities.

Additionally, it can sometimes be difficult to identify what should qualify as a "U.S." base or facility. Many facilities, ports, and airstrips serve primarily as civilian and commercial infrastructure. For instance, the U.S. Navy frequents a number of ports around the world. These ports often have facilities and infrastructure capable of supporting these military vessels, but are not U.S.-specific, and therefore are not considered to be a "base." However, some of these ports do support the resupply and repair of U.S. vessels, making their classification vague.

Bahrain

The United States operates in Bahrain by means of a Defense Cooperation Agreement signed in 1991,¹ and a Status of Forces Agreement originally signed in 1971.² There are over 7,000 U.S. military personnel based in Bahrain, and the U.S. has maintained a naval presence in the country since 1948.³ The U.S. 5th fleet is based in Bahrain, and patrols an area of responsibility covering the Arabian Gulf, the Gulf of Oman, the Red Sea, and the Arabian Sea, including the Strait of Hormuz, the Suez Canal, and the Strait of Bab al Mandeb.⁴

Naval Support Activity Bahrain

- U.S. Naval Forces Central Command.
- Headquarters of the U.S. 5th Fleet.
- Close to Khalifa Bin Salman port, which is capable of berthing U.S. aircraft carriers.⁵
- The U.S. has spent \$580 million between 2010-2017 on expansion of the facility, and a total of \$2 billion since establishing a presence.⁶



Naval Support Activity Bahrain. Google Earth.

ASP would like to thank the Embassy of Qatar for its support of this research.

Shaikh Isa Air Base

- Recently improved with \$45 million in U.S. funding. Hosts F-16s, F/A-18s, and P-3 aircraft.⁷
- 12,467 ft runway.8

Muharraq Air Base (Navy)

- The Combined Task Force 53 aviation unit is based here.9
- Part of Bahrain International Airport.
- In 2011, saw a monthly average of 1,600 tons of cargo and mail, and 3000 personnel in transit.¹⁰
- 13,005 ft runway and 8,300 ft runway.11



Muharraq. Google Earth.

Djibouti

U.S. military presence in Djibouti was established in 2003 with a formal agreement that provides access to the airport through Camp Lemonnier and the port facilities. 12 Since that time, Djibouti has hosted the only combat-capable U.S. military base in Africa, a fact that is changing with the construction of a U.S. base in Niger. 13

Camp Lemonnier

- Formerly a French Foreign Legion base. 14
- Hosts 4,000 U.S. troops. Tasked with fighting the Somalia-based Al Shabaab and conducting counter terror operations in Somalia.¹⁵
- Considered a Navy facility, 16 shares runway with Djibouti-Ambouli International Airport.
- 10,335 ft runway.¹⁷
- Combined Joint Task Force Horn of Africa operates out of Lemonnier.¹⁸
- Operations using manned and unmanned aerial
- vehicles have been based out of Lemonnier, including missions into Yemen.¹⁹ China recently opened its first overseas military base adjacent to the Doraleh Port, and very close to Camp Lemonnier. It is believed China will deploy around 1,000 personnel.²⁰ In May 2017, China began constructing a 330+ meter pier to support its naval vessels.²¹



Camp Lemonier. Google Earth.

Egypt

The U.S. military does not maintain combat basing in Egypt, despite the historically robust military cooperation between the countries since the conclusion of the 1979 Israeli-Egyptian peace treaty. The only U.S. military facility in Egypt conducts medical research.

Naval Medical Research Unit Three (NAMRU-3)

- Based in Cairo.
- Facilities for conducting infections disease research and prevention.²²
- Runs syndrome, pathogen, and vector surveillance networks in Egypt and the region.²³
- Largest DoD overseas laboratory with biosafety level 3 bio-containment space.²⁴



NAMRU-3. Bing Maps.

Iraq

Since the withdrawal of U.S. forces in 2011, the U.S. has not maintained permanent facilities in Iraq. As the U.S. presence in Iraq has evolved during the conduct of Operation Inherent Resolve, the primary U.S. presence appears to be located at Al Asad Air Base.

Al Asad Air Base²⁵

- Task Force Lion (aka Task Force Al Asad) operates out of Al Asad Air Base in Iraq's western Anbar Province. Task Force Lion advises, assists and "enables" the Iraqi military. Has elements of four of the armed services.²⁶
- Colloquially known as "Camp Cupcake" during the Iraq war, due to the prominent amenities. Many of these amenities are no longer available.
- Two 13,124 foot runways.²⁷
- Some Danish military personnel part of training mission for the Iraqi Security Forces.²⁸



Al Asad. Bing Maps.

Israel

The U.S. has long maintained a security relationship with Israel, and in recent years has partnered to develop systems like the Iron Dome air defense system.²⁹ Ships of the U.S. 6th fleet frequently makes port visits to Haifa,³⁰ but the building of U.S. facilities in Israel new. U.S. deployments to Israel are small and intended to support anti-ballistic missile emplacements.

Dimona Radar Facility

- AN/TPY-2 Radar system, a type of X-Band Radar. 31
- Used to spot potential incoming ballistic missiles from Iran.

Mashabim Air Base / Bisl'a Aerial Defense School

- Run by EUCOM.³²
- Contains a "Living Facility,"³³ which houses 40 soldiers serving the missile defense mission.³⁴



Dimona Radar Facility. Google Maps.

Jordan

The U.S. presence in Jordan has expanded with the evolution of Operation Inherent Resolve against ISIS, with forces located at Muwaffaq Salti Air Base. Publicly available commercial satellite imagery indicates the presence of potential U.S. reaper drones at other bases in Jordan, but this is not acknowledged by the United States.

U.S. military cooperation with Jordan is close. Most recently, U.S. troops participated in the "Eager Lion" exercises, involving several thousand U.S. Marines training alongside Jordanian troops.³⁵

Muwaffaq Salti Air Base (Azraq)

- U.S. allocated \$143 million for upgrades and expansion in 2018.³⁶
- The pace of operations against ISIS has strained physical capacity of the base. Limited ramp space restricts operations, and facilities for handling cargo and personnel are limited as well.³⁷
- Hosts multiple coalition partners, including Germany,³⁸ the Netherlands, and Belgium.³⁹
- Two runways, 9,015 ft and 9,777 ft. 40



Muwaffaq Salti. Google Earth.

Kuwait

The U.S. has maintained a Defense Cooperation Agreement with Kuwait since 1991 Persian Gulf War. ⁴¹ As such, Kuwait holds major non-NATO U.S. ally status. ⁴² Since 2011, troops garrisoned in Kuwait are primarily intended to support Operation Spartan Shield, a mission to "deter regional aggression and stabilize countries within the region." ⁴³ The military currently maintains a force of 2,200 MRAPs in Kuwait. ⁴⁴

Ali Al Salem Air Base

- Two 9,805 ft runways. 45
- 386th Air Expeditionary Wing is a primary occupant, operating C-17 and C-130 cargo aircraft.⁴⁶
- Base operates as a way station for troops.

Camp Arifjan

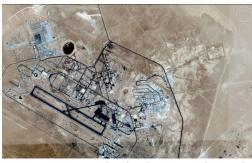
- Serves as U.S. HQ in Kuwait.⁴⁷
- Built by the Kuwaiti government at a cost of \$200 million to replace temporary basing structure originally used since the Gulf War.⁴⁸
- Features a Joint Military Mail Terminal. 49

Camp Buehring

- Broke ground on \$3.7 million living facilities expansion in 2017.⁵⁰
- Has precision approach radar capability, allowing for lowvisibility landings.⁵¹
- 5,215 ft runway.⁵²

Camp Patriot

- U.S. Army Facility.
- Shares space with Kuwait Naval Base.⁵³
- For the 2003 Iraq invasion, Navy Seabees constructed a temporary pier, known as an elevated causeway system modular (ELCAS/M), to support the offloading of equipment.⁵⁴



Ali Al Salem. Google Earth.



Camp Arifjan. Google Earth.



Camp Buehring. Google Earth.



Camp Patriot/Kuwait Naval. Google Earth.

Oman

The U.S. maintains an ability to use Omani bases through the Oman Facilities Access Agreement, originally signed in 1980, and most recently renewed in 2010.⁵⁵ This accord made Oman the first country among the Persian Gulf States to explicitly partner militarily with the U.S.⁵⁶ According to the agreement, the U.S. can request access to these facilities in advance for a specified purpose. Some of the bases listed in this section are those the U.S. may access, but not necessarily where a presence is maintained. Oman has allowed 5,000 aircraft overflights, 600 landings, and 80 port calls annually.⁵⁷ During the early stages of Operation Enduring Freedom in Afghanistan (in late 2001), the U.S. relied considerably on Omani air bases. However, in the subsequent years, U.S. presence in Oman has dwindled significantly.⁵⁸

RAFO Masirah

- 10,005 foot runway, and 8,446 foot runway.⁵⁹
- Located on Island of Masirah.

Muscat International Airport

- Formerly known as Seeb Air Base. 60
- Usable under the Facilities Access Agreement.
- Two runways recently extended to 13,123 ft.⁶¹
- War reserve materiel stored at this location. 62

RAFO Thumrait

- 13,123 foot runway.⁶³
- War reserve material stored at this location.

Al-Musannah Air Base

- Airlift apron designed for C-5 and C-130 aircraft.⁶⁴
- War reserve materiel stored at this location. 65

Port of Duqm

 The recently opened British-Omani Duqm Naval Dockyard was designed with the intent of hosting ships from friendly nations for repair and maintenance.⁶⁶



Muscat Int'l. Google Earth.



Thumrait. Google Earth.



Al Musannah. Google Earth.

- Recently expanded facilities at Duqm have allowed for the repair and maintenance of U.S. Navy vessels.⁶⁷
- Capable of supporting U.S. aircraft carriers and submarines. 68
- Duqm is attracting the interest of many countries, including India,⁶⁹ Iran,⁷⁰ the U.K., the U.S., and China.⁷¹

Port of Salalah

- Largest port in Oman.
- The Defense Logistics Agency operated a recently opened material processing center here. This facility provides "material aggregation, transshipment, short-term storage and delivery functions for visiting U.S. Navy vessels and other U.S. customers in the U.S. Central Command AOR."



Port of Salalah. Google Earth.

Qatar

Qatar hosts approximately 10,000 U.S. service personnel, mostly at Al Udeid Air Base.⁷³ Since the 1990s, Qatari base construction strategy has been deliberately intended to attract the United States to its facilities. As the U.S. withdrew the majority of its forces from Saudi Arabia in 2003 following the initial invasion of Iraq, basing in Qatar allowed for the permanent redeployment of those assets. The U.S. has relied heavily on its basing in Qatar to conduct the counter-ISIS military mission, Operation Inherent Resolve.

Al Udeid Air Base

- Biggest U.S. base in the Middle East.
- Home to U.S. Combined Air Operations Center, U.S. Air Forces Central Command, U.S. Special Operations Command Central Corward, and CENTCOM Forward HQ.⁷⁴
- Built in 1996 at a cost of \$1 billion before Qatar had an air force,⁷⁵ and a total of \$4 billion to fund the base since.⁷⁶
- Qatar is currently expanding the base with 200 additional housing units.⁷⁷



Al Udeid. Google Earth.

- The existence of the Al Udeid air base allowed for the relocation of U.S. assets previously stationed at Prince Sultan Airbase, Saudi Arabia in 2003. This move addressed a common grievance against the U.S. amongst Muslim populations.
- Two 12,000+ foot runways,⁷⁸ capable of supporting all aircraft in the U.S. arsenal.

Camp As Sayliyah

- An Army operated facility that can store joint equipment.
- Serves as a prepositioning point for one brigade's worth of armored equipment.⁷⁹
- Features a large number of climate controlled warehouse units.⁸⁰
- Also featured a Stryker Damage Repair facility which repaired hundreds of Stryker vehicles damaged in combat in Iraq and Afghanistan until the repair facility's closure in 2014.⁸¹



Camp As Sayliyah. Google Earth.

Saudi Arabia

The U.S. withdrew the vast majority of its forces in 2003, as the invasion of Iraq eliminated the need for a troop presence in Saudi Arabia. Today, many of the American military personnel still in Saudi Arabia are part of the U.S. Military Training Mission, and do not provide an operational combat capability. Undoubtedly, USMTM personnel travel and work at different Saudi bases to complete their mission, but the primary "basing" point is Eskan Village near Riyadh.

Eskan Village

- Features fully furnished villas for U.S. personnel.⁸²
- Serves as a housing facility for U.S. military personnel, primarily those assigned to the U.S. Military Training Mission.⁸³
- Also hosts Army personnel of the Saudi Arabian National Guard Modernization Program and Ministry⁸⁴ of the Interior-Military Assistance Group.⁸⁵
- Base not intended for combat operations. Base security provided by 341st Military Police Company.⁸⁶



Eskan Village. Google Earth.

Turkey

Turkey is the only NATO member in the Middle East region. Its geographic position was used as a point of strategic leverage against the Soviet Union during the Cold War, particularly with regards to nuclear forces. It has also served as a critical launching point for U.S. military operations in the Middle East. Though Turkey has been historically vital for America's nuclear deterrence mission, strained ties with the Erdogan government have brought this role into question.

Incirlik Air Base

- U.S. stores upwards of 50 B-61 nuclear gravity bombs at Incirlik.⁸⁷
- Construction on the base started by the U.S. in 1951.88
- Base has been used heavily for operations against ISIS, but U.S. was denied sortie rights for the 2003 Iraq invasion.⁸⁹
- 10,000 foot runway.⁹⁰
- In the wake of the 2016 coup attempt, the Turkish Government cut power to the air base for several days⁹¹ and closed the airspace around the base.⁹²



Incirlik. Google Earth.

Approximately 2,500 U.S. military personnel based at Incirlik.⁹³

Izmir Air Station

- Located adjacent to Çiğli air base, a Turkish-run base.
- Home of 425th Air Base squadron, a detachment of the 39th Air Base Wing out of Incirlik Air Base. Administers the Çiğli AB Loan Agreement. Supports numerous U.S./NATO missions in the Izmir Area, including NATO Allied Land Command Headquarters.⁹⁴



Izmir. Google Earth.

United Arab Emirates

The U.S. maintains approximately 5,000 personnel in the UAE under a defense cooperation agreement. The security relationship between the U.S. and UAE is robust, and has featured combat operations in Afghanistan in which UAE aircraft provided close air support to American troops on the ground.

Al Dhafra Air Base

- U.S. presence at this base not publicly acknowledged until 2017.
- Host the 380th Air Expeditionary Wing, including such aircraft as the F-22 Raptor,⁹⁷ KC-10, RQ-4 Global Hawk, E-3 Sentry, and U-2 Dragon Lady.⁹⁸
- Two 12,012 foot runways.⁹⁹
- An estimated 3,500 U.S. personnel stationed in 2015,¹⁰⁰ upwards of 3,800 in 2016.¹⁰¹
- Busiest U.S. base in the world for surveillance flights.¹⁰²



Al Dhafra. Google Earth.

• Hosts a joint Air Warfare Center used by the U.S. to train personnel from multiple countries in aspects of combat and interoperable missions. 103

Port of Jebel Ali

- Busiest U.S. Navy port of call. 104
- Largest manmade deep-water harbor in the world.¹⁰⁵
- Capable of berthing U.S. aircraft carriers. 106
- No ships supported or permanently based, and U.S. Navy ships do not take priority over commercial vessels.¹⁰⁷



Port of Jebel Ali. Google Earth.

Fujairah Naval Base

 Located on the outside of the Persian Gulf, before crossing the Strait of Hormuz.¹⁰⁸ Offers a logistical "land link" to Jebel Ali should the Strait of Hormuz be closed.¹⁰⁹



Fujairah Naval Base. Google Earth.

Endnotes

- 1. Katzman, Kenneth. "Bahrain: Reform, Security, and U.S. Policy." *Congressional Research Service*. Feb. 15, 2018. https://fas.org/sgp/crs/mideast/95-1013.pdf p. 19.
- 2. Mason, R Chuck. "Status of Forces Agreement (SOFA): What Is It, and How Has It Been Utilized?" *Congressional Research Service*. March 15, 2012. https://fas.org/sgp/crs/natsec/RL34531.pdf p.27.
- 3. Ibid.
- 4. Commander, Naval Forces Central Command. "U.S. 5th Fleet." http://www.public.navy.mil/surfor/pages/FifthFleet.aspx.
- 5. McDaniel, Richard. "No 'Plan B' U.S. Strategic Access in the Middle East and the Question of Bahrain." *Center for 21st Century Security and Intelligence*. Jun. 2013. https://www.brookings.edu/wp-content/uploads/2016/06/24-us-strategic-access-middle-east-bahrain-mcdaniel.pdf p. 16.
- 6. Katzman, Kenneth. "Bahrain: Reform, Security, and U.S. Policy." *Congressional Research Service*. Feb. 15, 2018. https://fas.org/sgp/crs/mideast/95-1013.pdf p. 17.
- 7. Ibid, p. 18.
- 8. Airports Worldwide. "Shaikh Isa Airport." http://www.airports-worldwide.com/bahrain/shaikh isa bahrain.php.
- 9. U.S. Naval Forces Central Command Public Affairs. "Commander, Task Force 53 Changes Command." *Defense Visual Information Distribution Service*. Jan. 9, 2011. https://www.dvidshub.net/news/63402/commander-task-force-53-changes-command.
- 10. Sanchez, Juan. "'We're All Over It,' is the CTF 53 Way." *Navy Supply Corps Newsletter*. Sep. 1, 2011. https://www.thefreelibrary.com/%22We%27re+All+Over+It%2C%22+is+the+CTF+53+Way.-a0277271882.
- 11. SkyVector. "Bahrain International Airport." https://skyvector.com/airport/OBBI/Bahrain-International-Airport.
- 12. U.S. Department of State. "U.S. Relations With Djibouti." Mar. 12, 2018. https://www.state.gov/r/pa/ei/bgn/5482.htm.
- 13. Schmitt, Eric. "A Shadowy War's Newest Front: A Drone Base Rising From Saharan Dust." *The New York Times*. Apr. 22, 2018. https://www.nytimes.com/2018/04/22/us/politics/drone-base-niger.html.
- 14. U.S. Africa Command. "Republic of Djibouti." http://www.africom.mil/area-of-responsibility/east-africa/republic-of-djibouti.
- 15. Browne, Ryan, "US military grounds aircraft in Djibouti after multiple accidents." *CNN Politics*. Apr. 5, 2018. https://www.cnn.com/2018/04/05/politics/us-military-grounds-djibouti-aircraft/index.html.
- 16. Commander, Navy Installations Command. "Welcome to Camp Lemmonier, Djibouti." https://cnic.navy.mil/regions/cnreurafswa/installations/camp lemonnier djibouti.html.
- 17. World Airport Cods. "Djibouti-Ambouli Airport (JIB)." https://www.world-airport-codes.com/djibouti/ambouli-1947.html
- 18. Combined Joint Task Force. "About the Command." http://www.hoa.africom.mil/about.
- 19. Whitlock, Craig. "Remote U.S. Base at Core of Secret Operations." *The Washington Post.* October 25, 2012. <a href="https://www.washingtonpost.com/world/national-security/remote-us-base-at-core-of-secret-operations/2012/10/25/a26a9392-197a-11e2-bd10-5ff056538b7c_story.html?utm_term=.2085d2997d35
- 20. Lin, Jeffrey; Singer, P.W. "China just deployed to its first overseas base." *Popular Mechanics*. July 13, 2017. https://www.popsci.com/china-deploys-first-overseas-base-djibouti.
- 21. Binnie, Jeremy. "China Building Pier at Djibouti Base." IHS Jane's Defense Weekly. May 23, 2018. http://www.janes.com/article/80271/china-building-pier-at-djibouti-base?from_rss=1
- 22. Gilstad, John R; Vaughn, Andrew F; Mohareb, Emad. "U.S. Naval Medical Research Unit No. 3." https://eg.usembassy.gov/wp-content/uploads/sites/156/2016/10/NAMRU-3.pdf.
- 23. Gilstad, John. "NAMRU-3 Navy Medical Research Has a Home in Cairo, Egypt." Sep. 1, 2017. http://navymedicine.navylive.dodlive.mil/archives/8363.

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- 24. Naval Medical Research and Development. "Naval Medical Research Unit No. 3." http://www.med.navy.mil/sites/nmrc/Cairo/Pages/HomeCairo.aspx.
- 25. George, Susannah; Abdul-Zahra, Qassim. "U.S. starts Iraq drawdown after declaration of victory over ISIS." *USA Today*. Feb. 5, 2018. https://www.usatoday.com/story/news/world/2018/02/05/u-s-iraq-isis/306221002/.
- 26. Press Operations. "Department of Defense Press Briefing by Colonel Folsom via teleconference from Al Asad Airbase in Iraq." U.S. Department of Defense. Mar. 20, 2018. https://www.defense.gov/News/Transcripts/Transcript-View/Article/1471461/.
- 27. World Aero Data. "Al Asad AB." http://worldaerodata.com/wad.cgi?id=IZ37337&sch=al+asad.
- 28. Danish Ministry of Defence. "The Effort Against ISIL." Feb. 14, 2018. http://www.fmn.dk/eng/allabout/Pages/the-effort-against-isil.aspx.
- 29. Sharp, Jeremy M. "Israel's Iron Dome Anti-Rocket System: U.S. Assistance and Coproduction." *Congressional Research Service*. Sep. 30, 2014. https://fas.org/sgp/crs/mideast/IN10158.pdf.
- 30. U.S. Naval Forces Europe-Africa / U.S. 6th Fleet. "Israel." http://www.c6f.navy.mil/tags/israel
- 31. Vick, Karl; Klein, Aaron J. "How a U.S. Radar Station in the Negev Affects a Potential Israel-Iran Clash." *Time*. May 30, 2012. http://content.time.com/time/world/article/0,8599,2115955,00.html.
- 32. Gross, Judah Ari. "In first, US establishes permanent military base in Israel." *Times of Israel*. Sep. 18, 2017. https://www.timesofisrael.com/in-first-us-establishes-permanent-military-base-in-israel/.
- 33. Gross, Judah Ari. "Contradicting IDF, US says it didn't establish military base in Israel." *Times of Israel*. Sep. 19, 2017. https://www.timesofisrael.com/contradicting-idf-us-says-it-didnt-establish-military-base-in-israel/.
- 34. Vandiver, John. "US troops deployed to Israel get a new barracks." *Stars and Stripes*. Sep. 19, 2017. https://www.stripes.com/news/us-troops-deployed-to-israel-get-a-new-barracks-1.488440.
- 35. Snow, Shawn. "Thousands of US troops and Marines arrive in Jordan." *Marine Times*. Apr. 13, 2018. https://www.marinecorpstimes.com/news/your-marine-corps/2018/04/13/thousands-of-us-troops-and-marines-arrive-in-jordan/.
- 36. 115th Congress. "National Defense Authorization Act for Fiscal Year 2018." Jan. 3, 2017. Sec 2903. https://www.congress.gov/bill/115th-congress/house-bill/2810/text.
- 37. Vandiver, John. "Pentagon budget calls for \$143 million buildup at Jordan air base." *Stars and Stripes*. Nov. 21, 2017. https://www.stripes.com/news/pentagon-budget-calls-for-143-million-buildup-at-jordan-air-base-1.498804.
- 38. Gräfe, Frank. "A very big move." Deutschland. Aug. 22, 2017. https://www.deutschland.de/en/topic/politics/a-very-big-move.
- 39. Vandiver, John. "Pentagon budget calls for \$143 million buildup at Jordan air base." *Stars and Stripes*. Nov. 21, 2017. https://www.stripes.com/news/pentagon-budget-calls-for-143-million-buildup-at-jordan-air-base-1.498804.
- 40. World Airport Codes. "Muwaffaq Salti Air Base (OJ40)." https://www.world-airport-codes.com/jordan/al-azraq-al-shaheed-muwaffaq-salti-air-base-74492.html.
- 41. Katzman, Kenneth. "Kuwait: Governance, Security, and U.S. Policy." *Congressional Research Service*. Apr. 26, 2018. https://fas.org/sgp/crs/mideast/RS21513.pdf p. 9.
- 42. Ibid.
- 43. Miller, Jeremy. "Task Force Spartan changes hands." *U.S. Army*. Jul. 13, 2017. https://www.army.mil/article/190805/task force spartan changes hands.
- 44. U.S. Department of State. "U.S. Security Cooperation With Kuwait." Mar. 23, 2018. https://www.state.gov/t/pm/rls/fs/2018/279538.htm.
- 45. Airport Guide. "Ali Al Salem Air Base Airport." https://airportguide.com/airport/runway/OKAS.
- 46. The 386th AEW does not disclose its location publicly, but publicly available photos of the base entrance signage indicates it is located here. http://www.afcent.af.mil/Units/386th-Air-Expeditionary-Wing/
- 47. Katzman, Kenneth. "Kuwait: Governance, Security, and U.S. Policy." *Congressional Research Service*. Apr. 26, 2018. https://fas.org/sgp/crs/mideast/RS21513.pdf p.10.

- 48. Global Security. "Camp Arifjan [Camden Yards]." https://www.globalsecurity.org/military/facility/camp-arifjan.htm.
- 49. 1st Theater Sustainment Command. "U.S. Army Central Holiday Mail Push 2014." U.S. Central Command. Dec. 23, 2014. http://www.centcom.mil/MEDIA/VIDEO-AND-IMAGERY/VIDEOS/videoid/384290/?dvpTag=1st%20TSC.
- 50. Mengrone, Maria. "Camp Buehring breaks ground on \$3.7 million Essayons Village." *Defense Visual Information Distribution Service*. Feb. 17, 2017. https://www.dvidshub.net/news/223972/camp-buehring-breaks-ground-37-million-essayons-village.
- 51. James, Stephen. "Managing crowded skies, active airfields." *U.S. Central Command*. Nov. 8, 2017. http://www.centcom.mil/MEDIA/NEWS-ARTICLES/News-Article-View/Article/1367540/managing-crowded-skies-active-airfields/.
- 52. World Airport Codes. "Udairi Army Air Field (OKDI)." https://www.world-airport-codes.com/kuwait/udairi-army-air-field-74582.html.
- 53. Lawlor, Peter D. "Seabees Build Up Berm At Kuwait Naval Base." Commander, U.S. Naval Forces Central Command; U.S. Fifth Fleet; Combined Maritime Forces. Jul. 21, 2011. https://web.archive.org/web/20130305070303/http://www.cusnc.navy.mil/articles/2011/081.html.
- 54. Bacon, Lance M. "Seabees build one-of-a-kind causeway." *NavyTimes*. Aug. 26, 2015. https://www.navytimes.com/news/your-navy/2015/08/26/seabees-build-one-of-a-kind-causeway/.
- 55. U.S. Department of State. "U.S. Relations With Oman." Jan. 9, 2017. https://www.state.gov/r/pa/ei/bgn/35834.htm.
- 56. Katzman, Kenneth. "Oman: Reform, Security, and U.S. Policy." *Congressional Research Service*. Mar. 8, 2018. https://fas.org/sgp/crs/mideast/RS21534.pdf p. 15.
- 57. Votel, Joseph. "The Posture of U.S. Central Command. Terrorism and Iran: Challenges in the Middle East." *House Armed Services Committee*. Feb. 27, 2018. https://docs.house.gov/meetings/AS/AS00/20180227/106870/HHRG-115-AS00-Wstate-VotelJ-20180227.pdf p. 32.
- 58. Katzman, Kenneth. "Oman: Reform, Security, and U.S. Policy." *Congressional Research Service*. Mar. 8, 2018. https://fas.org/sgp/crs/mideast/RS21534.pdf p. 15.
- 59. World Airport Codes. "Masirah Air Base (MSH)." https://www.world-airport-codes.com/oman/masirah-4562.html.
- 60. Oman Airports. "Airport History Muscat Airport." https://www.omanairports.co.om/Page.aspx?MID=38&PGID=21.
- 61. Bates, Joe. "Future Looks Bright For Oman's Airports." *Airport World*. Dec. 29, 2017. http://www.airport-world.com/news/general-news/6482-future-looks-bright-for-oman-s-airports.html.
- 62. Global Security. "Seeb International Airport." https://www.globalsecurity.org/military/facility/seeb.htm.
- 63. World Airport Codes. "Thumrait Air Base (TTH)." https://www.world-airport-codes.com/oman/thumrait-9269.html.
- 64. Tigerbrain Engineering. "Al Musannah Air Base, Oman." http://tigerbrain.com/al-musannah-air-base/.
- 65. Global Security. "Seeb International Airport." https://www.globalsecurity.org/military/facility/seeb.htm.
- 66. Prabhu, Conrad. "Oman launches Duqm Naval Dockyard." *Duqm1*. http://www.duqm1.com/2017/07/oman-launches-duqm-naval-dockyard.html.
- 67. Rodarte, Craig Z. "USS Pickney Completes Successful MDVR In Duqm, Oman." *U.S. Navy*. Sep. 8, 2017. http://www.navy.mil/submit/display.asp?story_id=102306.
- 68. Makin Island Amphibious Ready Group Public Affairs. "USS Somerset Visits Duqm, Oman." *U.S. Navy*. Feb. 13, 2017. http://www.navy.mil/submit/display.asp?story_id=98855.
- 69. Panda, Ankit. "India Gains Access to Oman's Duqm Port, Putting the Indian Ocean Geopolitical Contest in the Spotlight." *The Diplomat.* Feb. 14, 2018. https://thediplomat.com/2018/02/india-gains-access-to-omans-duqm-port-putting-the-indian-ocean-geopolitical-contest-in-the-spotlight/.
- 70. Pourmohammadi, Elham. "Iran's firm signs deal for car manufacturing unit in Oman." *Times of Oman*. Jan. 27, 2016. http://timesofoman.com/article/76343.
- 71. Shepard, Wade. "Why China Is Building A New City Out In The Desert Of Oman." *Forbes*. Sep. 8, 2017. https://www.forbes.com/sites/wadeshepard/2017/09/08/why-china-is-building-a-new-city-out-in-the-desert-of-oman/#28b5d9446b2f.

AMERICAN SECURITY PROJECT

- 72. Inman, Ron. "DLA Energy commander officiates DLA Distribution Salalah's opening." *DLA Energy*. Mar. 13, 2017. http://www.dla.mil/Energy/About/News/Article/1111132/dla-energy-commander-officiates-dla-distribution-salalahs-opening/.
- 73. Votel, Joseph. "The Posture of U.S. Central Command. Terrorism and Iran: Challenges in the Middle East." *House Armed Services Committee*. Feb. 27, 2018. https://docs.house.gov/meetings/AS/AS00/20180227/106870/HHRG-115-AS00-Wstate-VotelJ-20180227.pdf p. 31.
- 74. Ibid.
- 75. Gordon, Michael; Schmitt, Eric. "AFTEREFFECTS: BASES; U.S. Will Move Air Operations To Qatar Base." *The New York Times.* Apr. 28, 2003. https://www.nytimes.com/2003/04/28/world/aftereffects-bases-us-will-move-air-operations-to-qatar-base.html.
- 76. American Security Project. "US Military Facilities in the Middle East." *YouTube*. Apr. 6, 2018. https://youtu.be/RcQC7Ua07mg?t=29m10s.
- 77. Al Jazeera. "Qatar to expand Al Udeid US airbase: Al Attiyah." *The Peninsula Qatar*. Jan. 30, 2018. https://www.thepeninsulaqatar.com/article/30/01/2018/Qatar-to-expand-Al-Udeid-US-airbase-Al-Attiyah.
- 78. Altman, Howard. "U.S. threads needle of politics to run air war against ISIS from base in Qatar." *Tampa Bay Times*. July 10, 2017. http://www.tbo.com/news/military/war/us-threads-needle-of-politics-to-run-air-war-against-isis-from-base-in/2329717.
- 79. Katzman, Kenneth. "Qatar: Governance, Security, and U.S. Policy." *Congressional Research Service*. Mar. 1, 2018. https://fas.org/sgp/crs/mideast/R44533.pdf p. 16.
- 80. Global Security. "Camp As Sayliyah." https://www.globalsecurity.org/military/facility/camp-as-sayliyah.htm.
- 81. Good, Bill. "Stryker forward-deployed Battlefield Damage Repair Facility closes doors." *U.S. Army*. Jul. 11, 2013. https://www.army.mil/article/107256/stryker forward deployed battlefield damage repair facility closes doors.
- 82. Utley, Peter. "Welcome Letter." *United States Military Training Mission to Saudi Arabia*. http://www.centcom.mil/Portals/6/usmtm/WelcomeLetter.pdf.
- 83. U.S. Central Command. "United States Military Training Mission." http://www.centcom.mil/OPERATIONS-AND-EXERCISES/USMTM/.
- 84. U.S. Army. "Eskan Village." http://www.usasac.army.mil/OPMSang/eskan.html.
- 85. U.S. Army. "Eskan Village." https://usasac.army.mil/moimag/EskanVillage.html.
- 86. Hanson, Mark. "341st Military Police assume responsibility for security of Eskan Village." *Defense Visual Information Distribution Service*. Sep. 26, 2017. https://www.dvidshub.net/news/250809/341st-military-police-assume-responsibility-security-eskan-village.
- 87. Reif, Kingston. "U.S. Nuclear Weapons in Turkey Raise Alarm." *Arms Control Association*. Nov. 2017. https://www.armscontrol.org/act/2017-11/news/us-nuclear-weapons-turkey-raise-alarm.
- 88. U.S. Air Force. "Incirlik Air Base History." *Incirlik Air Base*. May 17, 2013. http://www.incirlik.af.mil/About-Us/Fact-Sheets/Display/Article/300814/incirlik-air-base-history/.
- 89. Lubold, Gordon; Schwartz, Felicia; Youssef, Nancy A. "U.S. Pares Back Use of Turkish Base Amid Strains With Ankara." *The Wall Street Journal*. Mar. 11, 2018. https://www.wsj.com/articles/u-s-pares-back-use-of-turkish-base-amid-strains-with-ankara-1520766121?mod=searchresults&page=1&pos=4.
- 90. Airport Guide. "Incirlik Air Base Airport." https://airportguide.com/airport/info/LTAG.
- 91. Starr, Barbara. "Turkey's power cutoff to Incirlik Air Base a problem for Pentagon." *CNN*. Jul. 19, 2016. https://www.cnn.com/2016/07/19/politics/incirlik-air-base-turkey-failed-coup-power-cutoff/index.html.
- 92. Piper, Elizabeth; James, William. "May dealt embarrassing Brexit defeat in House of Lords." *Reuters*. Apr. 18, 2018. https://www.reuters.com/article/us-britain-eu-lords-loss/british-pm-may-dealt-embarrassing-brexit-defeat-in-parliaments-upper-house-idUSKBN1HP2I0.
- 93. deGrandpre, Andrew; Snow, Shawn. "In Turkey, new demands to evict US forces from Incirlik Air Base." Military Times. May

- 14, 2017. https://www.militarytimes.com/news/pentagon-congress/2017/05/14/in-turkey-new-demands-to-evict-us-forces-from-incirlik-air-base/.
- 94. Varlikli, Tanju. "425th Air Base Squadron: Unique mission, unique location." *Incirlik Air Base*. Dec. 22, 2015. http://www.incirlik.af.mil/News/Features/Display/Article/725762/425th-air-base-squadron-unique-mission-unique-location/.
- 95. Katzman, Kenneth. "The United Arab Emirates (UAE): Issues for U.S. Policy." *Congressional Research Service*. Apr. 10, 2018. https://fas.org/sgp/crs/mideast/RS21852.pdf p. 19.
- 96. Chandrasekaran, Rajiv. "In the UAE, the United States has a quiet, potent ally nicknamed 'Little Sparta." *The Washington Post*. Nov. 9, 2014. https://www.washingtonpost.com/world/national-security/in-the-uae-the-united-states-has-a-quiet-potent-ally-nicknamed-little-sparta/2014/11/08/3fc6a50c-643a-11e4-836c-83bc4f26eb67 story.html?utm term=.fa2d3ac602b8.
- 97. Nelson, Anthony; Browning, Blake. "Night Ops at the 380th AEW." *U.S. Air Forces Central Command*. Feb. 22, 2018. http://www.afcent.af.mil/Units/380th-Air-Expeditionary-Wing/News/Display/Article/1448597/night-ops-at-the-380th-aew/.
- 98. Pawlyk, Oriana. "Air Force Acknowledges Clandestine Base in UAE." *Military.com*. Aug. 28, 2017. https://www.military.com/dodbuzz/2017/08/28/air-force-acknowledges-clandestine-base-in-uae.
- 99. World Aero Data. "Al Dhafra." http://worldaerodata.com/wad.cgi?id=AE31044&sch=OMAM.
- 100. Chandrasekaran, Rajiv. "In the UAE, the United States has a quiet, potent ally nicknamed 'Little Sparta." *The Washington Post*. Nov. 9, 2014. https://www.washingtonpost.com/world/national-security/in-the-uae-the-united-states-has-a-quiet-potent-ally-nicknamed-little-sparta/2014/11/08/3fc6a50c-643a-11e4-836c-83bc4f26eb67 story.html?utm_term=.1fbd05b24c8f.
- 101.Copp, Tara. "Air Force part of the 'more' for Islamic State fight, Carter says." *Stars and Stripes*. Apr. 17, 2016. https://www.stripes.com/news/middle-east/air-force-part-of-the-more-for-islamic-state-fight-carter-says-1.404911.
- 102.Ibid.
- 103. Sanchez, Marc V. "Curtain Up at AFCENT's Air Warfare Center." *Air Force Magazine*. Jan. 12, 2015. http://www.airforcemag.com/Features/Pages/2015/January%202015/Curtain-Up-at-AFCENT%E2%80%99s-Air-Warfare-Center.aspx.
- 104. Chandrasekaran, Rajiv. "In the UAE, the United States has a quiet, potent ally nicknamed 'Little Sparta." *The Washington Post*. Nov. 9, 2014. https://www.washingtonpost.com/world/national-security/in-the-uae-the-united-states-has-a-quiet-potent-ally-nicknamed-little-sparta/2014/11/08/3fc6a50c-643a-11e4-836c-83bc4f26eb67 story.html?utm_term=.1fbd05b24c8f.
- 105.Reed, John. "All Hands on Deck... How the U.S. is using the Gulf states to deter Iran." *Foreign Policy*. Jul. 19, 2012. http://foreignpolicy.com/2012/07/19/all-hands-on-deck/.
- 106.Katzman, Kenneth. "The United Arab Emirates (UAE): Issues for U.S. Policy." *Congressional Research Service*. Apr. 10, 2018. https://fas.org/sgp/crs/mideast/RS21852.pdf p. 19.
- 107.McDaniel, Richard. "No 'Plan B' U.S. Strategic Access in the Middle East and the Question of Bahrain." *Center for 21st Century Security and Intelligence*. Jun. 2013. https://www.brookings.edu/wp-content/uploads/2016/06/24-us-strategic-access-middle-east-bahrain-mcdaniel.pdf p. 18-19.
- 108. The National. "Fujairah naval base opens." *The National*. Oct. 21, 2010. https://www.thenational.ae/uae/fujairah-naval-base-opens-1.509599.
- 109. Global Security. "Fujairah." https://www.globalsecurity.org/military/facility/fujairah.htm.

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