AGILE COMBAT
EMPLOYMENT
AGILE COMBAT EMPLOYMENT

23 August 2022

From its founding, the US Air Force has been tasked with projecting combat power across the globe. Historically, it has relied on a combination of continental US and overseas air bases to allow for relatively uncontested movement and operational reach to posture and employ forces and capabilities. However, since the Cold War ended, the Air Force has significantly reduced its global footprint. From 93 air bases during World War II, the Air Force presently maintains 33 permanent overseas air bases\(^1\), a 65% reduction. This reduction challenges the Air Force’s ability to project power and simultaneously concentrates friendly high value assets for potential adversary action.

Concurrently with the global footprint reduction, adversarial technological advances in pervasive intelligence, surveillance, and reconnaissance and all-domain long-range fires have placed air bases at significantly increased risk. Just as the Soviets placed Cold War bases in Europe at risk, new weapons systems now place bases at risk that were previously considered sanctuaries. Additionally, fiscal and political constraints limit the establishment of new permanent air bases. To address these challenges, the Air Force introduced **Agile Combat Employment (ACE): a proactive and reactive operational scheme of maneuver executed within threat timelines to increase survivability while generating combat power.**

When applied correctly, ACE complicates the enemy’s targeting process, creates political and operational dilemmas for the enemy, and creates flexibility for friendly forces. To effectively accomplish joint force commander objectives, ACE requires reexamining a wide variety of enabling systems, to include: command and control (C2), logistics under attack, counter-small unmanned aircraft systems, air and missile defense, and offensive and defensive space and cyber capabilities.

ACE is an operational concept that supports joint all-domain operations (JADO). Joint force operations are increasingly interconnected, interdependent, and challenged. Anti-access and area denial threats, reduced freedom of maneuver, and rapid proliferation of advanced technologies challenge the Air Force’s ability to operate. The successful employment of ACE positions the force to observe, orient, decide, and act in concert across all domains. To achieve freedom of action, ACE enables convergence across

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domains, presenting an adversary with dilemmas at an operational tempo that complicates or negates adversary responses and enables the joint force to operate inside the adversary’s decision-making cycle.

“The best place to kill an enemy’s air force is on the ground. Especially if that air force is postured in bases that are few in number and lack passive defenses — such as shelters and decoys — and active defenses such as kinetic and non-kinetic interceptors, electronic warfare, and directed-energy weapons that can help counter these air and missile threats.”

-- Mark Gunzinger
Director of Government Programs and War Gaming,
Mitchell Institute for Aerospace Studies

This doctrine note is intended to guide the development of ACE within Air Force operational doctrine. It establishes working definitions and a framework for ACE doctrine development. It includes an overview of evolving doctrine topics and provides the starting point for Airmen to codify best practices for ACE. This doctrine note focuses on ACE enablers and the ACE framework. It lays the foundation for the future development of ACE doctrine, aligns with the joint functions, and focuses on planning, execution, and assessment for operations executed from competition through conflict.

DEFINITIONS OF KEY TERMS

Agile: Able to outpace adversary action through movement and maneuver to achieve commander’s intent.

Agile Combat Employment: A proactive and reactive operational scheme of maneuver executed within threat timelines to increase resiliency and survivability while generating combat power.

Base cluster: A base cluster is a collection of bases, geographically grouped for mutual protection and ease of C2.²

Within the context of ACE, base clusters typically involve the organization of an enduring location with one or more contingency locations (CLs) to establish a regional boundary, wherein the enduring location commander commands one or more CLs with appropriate authorities to direct their activities.

Conditions Based Authorities: A published set of authorities that are delegated down the chain of command from one commander to another, to be activated only when specified conditions are met.

² DoD Dictionary of Military and Associated Terms, November 2021.
**Hub and spoke distribution:** A physical distribution system, in which a major port serves as a central point from which cargo is moved to and from several radiating points to increase transportation efficiencies and in-transit visibility.³

**Mission Command:** An approach to C2 that empowers subordinate decision-making for flexibility, initiative, and responsiveness in the accomplishment of commander's intent.⁴

The core principles of mission command are: build teams through mutual trust, create shared understanding, provide clear commander’s intent, use mission-type orders (MTO) when appropriate, exercise disciplined initiative, and accept prudent risk. Airmen execute mission command through centralized command, distributed control, and decentralized execution.

**Multi-Capable Airmen (MCA):** Airmen trained in expeditionary skills and capable of accomplishing tasks outside of their core Air Force specialty.

Specifically, these personnel are often trained as a cross-functional team to provide support to ACE force elements. They are enabled by cross-utilization training and can operate as part of a team in an expeditionary environment to accomplish mission objectives within acceptable levels of risk.

**Proactive Maneuver:** A scheme of maneuver by which forces and assets are moved between operating locations (see appendix) to assure allies and partner nations of US support, alter adversary or enemy understanding of friendly intentions and capabilities, posture to deter aggression, or gain advantage.

**Reactive Maneuver:** A scheme of maneuver employed in response to observed, perceived, anticipated, or realized enemy aggression using mobility and dispersion of forces and assets to complicate enemy targeting, redistribute forces away from concentrated hubs, increase survivability, and reposition forces for follow-on operations.

**Threat Timelines:** Theater-specific planning factors based on the time required for an adversary to accomplish its find, fix, track, target, engage, and assess cycle.

*Note:* The above definitions are derived from a variety of sources and are placed here to facilitate further discussion. Their establishment in Service and joint doctrine varies. Though doctrinal, they may evolve as knowledge and understanding of ACE operations progresses.

**HOW IS ACE DIFFERENT?**

The US may face adversaries capable of wielding a disruptive and dangerous operational reach with mass, precision, and speed in all domains. Adversaries can challenge our ability to project power from enduring locations, often large and centralized physical structures with unprotected infrastructure. To address this threat, ACE shifts operations from centralized physical infrastructures to a network of smaller, dispersed locations that

³ DoD Dictionary of Military and Associated Terms, November 2021.
can complicate adversary planning and provide more options for joint force commanders. Its value is derived from the ability to hold adversary targets at risk from multiple locations that are defensible, sustainable, and relocatable. Airmen should expect to conduct operations at a speed, scope, complexity, and scale exceeding recent campaigns from distributed locations.

ACE ENABLERS

Freedom of action and decision advantage can be achieved by forcing complex target situations to create multiple adversary dilemmas. This deters aggression and enables the US to defend and win in conflict. ACE achieves this through the following enablers:

- Expeditionary and Multi-Capable Airmen.
- Mission command.
- Tailorable force packages.

EXPEDITIONARY AND MULTI-CAPABLE AIRMEN

The Air Force must refocus on the expeditionary skills necessary to operate outside of enduring locations. Many Airmen must have diverse foundational skills that enable them to operate in a contested, degraded, and operationally limited (CDO) environment with minimal support. Leaders mitigate risk to force by training Airmen to execute distributed operations that increase survivability while generating combat power.

ACE teams consist of unit-assigned multi-capable Airmen. These teams are tailored portions of force packages able to provide mission generation (MG), command and control, and base operating support (BOS) as the mission dictates. Functional

5 COMUSAFE Public Affairs preparation for Military.com interview, 4 May 2020.
communities must identify how to minimize equipment and personnel footprints to increase dispersal capabilities and complicate adversary targeting. The use of MCAs can reduce the number of people who must be put in harm’s way to generate airpower relative to traditional manning models.

**MISSION COMMAND**

In future peer conflicts, the US should not expect to achieve the air supremacy it enjoyed in recent low intensity operations. Rather, it is more likely that every domain will be contested and characterized by fluctuating levels of superiority. By empowering subordinates at the lowest capable level to make decisions and take decisive action at their level, mission command provides the flexibility and agility required to seize opportunities despite enemy denial or degradation of communications.

To actualize mission command and its precepts, USAF leaders must expand their operational perspective beyond their role in executing the air tasking order. Through clear communication of commander’s intent, Airmen must develop a detailed understanding of the area of operations and how the senior commander envisions winning the fight. Requisite details include: enemy situation, friendly situation, joint force and air component operational priorities, phasing and sequencing of the operation, logistical and sustainment priorities, delegated authorities, and overall risk management. These details are contained in mission-type orders (MTOs), starting with a standard 5-paragraph operations order (OPORD) to provide a snapshot of the commander’s intent. The OPORD communicates the purpose of the operation, desired end states, the method designed to conduct it, and the resources available for execution. Armed with this shared understanding, subordinate leaders can make effective decisions consistent with commander’s intent even if they’ve lost contact with higher echelons. Properly implemented, commander’s intent should align subordinate unit efforts and enable the fight to continue with unity of purpose until updated information is received.

**TAILORABLE FORCE PACKAGES**

To meet theater requirements, ACE requires tailorable force packages with the ability to execute across a range of operating locations. Force structure and unit type codes (UTCs) must be designed to enhance agility while also balancing risk to mission and force. Functional communities work with commanders to define ACE force packages that will be reflected in existing, new, or updated UTCs.

“To generate combat power from a number of locations to create dilemmas for an adversary...I just need a runway, a ramp, a weapons trailer, a fuel bladder, and a pallet of [Meals, Ready-to-Eat]. That’s maybe a little bit bold, but the point is, we’ve got to be light, lean and agile.”

— General CQ Brown, Jr., Chief of Staff of the Air Force
Remarks to Air Force Association Air, Space, and Cyberspace Conference as Commander, Pacific Air Forces, September 2019
ACE FRAMEWORK

To provide a common lexicon with joint partners, ACE consists of five core elements: posture, C2, movement and maneuver, protection, and sustainment. The latter four align with the joint functions. Together with the remaining joint functions (information, intelligence, and fires), the five core elements form the whole of ACE’s operational framework.

POSTURE

Posture is intrinsically tied to all other elements. It is the starting position from which subsequent actions take place. Forces must be able to rapidly execute operations from various locations with integrated capabilities and interoperability across the core functions. When executed properly, posture establishes a deterrent to conflict by being strategically predictable, but operationally unpredictable. An effectively tailored posture provides commanders with expanded force employment options and mitigates operational risk. It enhances defensive posture by increasing the scope and scale of friendly force locations, boosts deterrence to adversary aggression, and assures allies by presenting a credible combat force.

Posture redistributes both theater-assigned and follow-on forces to positions of advantage to best support operations plan execution. Enduring locations should be robust and should have the ability to support further dispersion to smaller CLs while maintaining integrated capabilities and interoperability across MG, C2, and BOS functions.

Operational unpredictability is enabled through the agility of forces across pre-postured locations, increasing the number of locations an adversary must target. The increased number of dispersed locations presents adversaries with challenges from the tactical to the strategic level. It does this politically through nation agreements and financially by increasing the numerical offensive capability required to achieve intended effects.

Operational locations should be identified based on the ability to support warfighting requirements and sustainment opportunities while balancing risk to force. Risk to force may prohibit massing personnel at locations inside enemy weapon engagement zones (e.g., unconventional ground forces, small unmanned aircraft systems [sUAS], ballistic missiles, cruise missiles, and hypersonic weapons). Risk management is critical to balance survivability with combat operations tempo by stationing forces at varying proximities to the fight and associated threats. Providing the flexibility to rapidly reroute forces and equipment inbound to the theater is critical to successful ACE.

Access, basing, and overflight are essential to the successful application of ACE. Theater operational planners should focus ACE efforts in day-to-day operations and activities on strengthening alliances through trust, and increasing partner capacity and capabilities. Planners should also understand partner nation access agreements, and may seek opportunities to increase the number and range of those agreements through a “whole of government” approach. To achieve optimal sourcing decisions and enable ACE objectives, planners should consider acquisition and cross-servicing agreements, host-nation support agreements, and integration of operational contract support equities.
across the air component command staff functions. As the quality and quantity of operational locations increase, ACE exponentially increases both the operational advantage to friendly forces as well as the political and operational dilemma for adversaries.

Distributed operations will exist on a spectrum, from well-developed enduring locations to potentially austere CLs. To ensure support to distributed forces, it is vital to understand the local and regional market’s capacity to source critical operational requirements. When developing a new CL, planners should consider referencing multi-Service tactics, techniques, and procedures for airfield opening\(^6\) to determine planning considerations and improvements required. Infrastructure improvements and associated prepositioning of materiel at distributed operating locations may be necessary to ensure respective theater plans are executable. Required capability development includes:

- Equipment and supply pre-positioning.
- Scalable logistics packages.
- Access to forward operating sites, including partner military and civil airfields.
- Resilient communications to function in contested, degraded, or operationally limited (CDO-L) environments.
- A force optimized for large scale combat operations in a contested environment.

**COMMAND AND CONTROL (C2)**

Commanders in any conflict require the ability to conduct C2 across domains. The C2 challenges presented in this doctrine note are not unique to ACE. These challenges exist in all large scale combat operations, but are complicated further when forces disperse from enduring locations. Centralized command, distributed control, and decentralized execution provide the framework for the C2 of ACE.\(^7\) Airmen should be able to translate C2 information into action with sufficient speed and scale, regardless of the operational environment. Airmen should be trained and equipped to employ communications equipment to support distributed operations.

Joint all-domain command and control (JADC2) and mission command enable Airmen and joint partners to gain operational advantage, maintain operational effectiveness, and achieve convergence of effects across domains. This is accomplished via the communication of commander’s intent through issuance of MTOs in conjunction with delegated and conditions-based authorities, allowing operational commanders to generate combat airpower in a CDO-L environment. It should be expected and anticipated that force elements conducting ACE will lose connectivity with operational C2; therefore it is imperative that units be trained to operate via commander’s intent with limited direction from air operations centers or air component staffs. Plans must be flexible and

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\(^7\) AFDP-1.
commander’s intent must provide the latitude needed to adapt to changing circumstances not foreseen beforehand. In situations where communications are degraded and forces lack continuous contact with higher echelon commands, Airmen should execute in alignment with commander’s intent to protect and preserve the force. Additionally, they should take advantage of emergent opportunities which allow forces to maintain the initiative, and resolve situations locally based on a subordinate commander’s own situational awareness. Codification of conditions-based authorities and delegated authorities will maximize the advantages provided by emergent opportunities.

JADO requires command authorities to be flexible and responsive to battlespace changes with respect to time, geography, communications, and command relationships. Because of distributed control’s inherent complexity, specified elements of operational, tactical, and administrative control should be developed early, adapted to the situation, and exercised during day-to-day cooperative and competitive activities. Within this construct, effective ACE requires significant coordination across Service component commanders and industry partners to organize efficiently. These relationships and agreements should be established and rehearsed well ahead of any potential conflict. To contend with CDO-L environments, command authorities should be delegated to the lowest appropriate level. In an ACE scheme of maneuver, distributed control drives additional planning and coordination requirements at echelons below the operational level. Forces should have information that enables them to understand the current and expected threat environment, the overall plan, their role within it, status of forces, available support relationships, and the means to be used for coordinating actions at the times and places required. Leveraging advances in automated systems from mission and industry partners (e.g., artificial intelligence, automation, and augmentation and human-machine teaming) will play an important role in managing the increased workload.  

JADC2 facilitates the unification of efforts across all domains to exploit the advantages of joint and partner nation capabilities, providing mission commanders an ability to rapidly develop, execute, or transition between kill chains to overwhelm adversary defenses and present the enemy with multiple dilemmas. Enhanced all-domain awareness, data sharing initiatives, and synchronization of forces translates decision advantage into operational advantage. Mission command supports combat effectiveness during the inevitable fog and friction of war.

Redundant and resilient C2 methods enable effective ACE execution. ACE requires communications that are mobile, survivable, secure, and sustainable across the electromagnetic spectrum to provide access to DOD networks and voice services in a CDO-L environment. When communications are challenged, commanders and subordinates should be prepared to execute pre-established multi-modal primary, alternate, contingency, and emergency plans. Exercises have demonstrated that codified active reporting procedures aid a commander’s battlespace awareness in a CDO-L environment.

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8 AFDP 3-99, The Department of the Air Force Role in Joint All-Domain Operations.
MOVEMENT AND MANEUVER

ACE provides greater agility and ability to outpace an adversary’s action through movement and maneuver to achieve and fight from positions of advantage. Agility is capable of disrupting an adversary’s decision cycle by creating multiple dilemmas with which they must contend.

Maneuver includes expansion of operational footprints and access throughout the theater to provide flexibility, deter adversaries, and support partners and allies. ACE maneuver includes movement of forces to predetermined, dispersed locations and flow of dispersed forces back to an enduring location. The maneuver of forces in this manner is intended to enhance MG efficiency and simplify sustainment. It can provide the ability to push combat and support elements forward for limited periods of time to accomplish offensive objectives.

Dispersal operations complicate enemy targeting by either redistributing forces to multiple operating locations or redistributing forces within an established air base. Once dispersed, friendly forces maintain operational momentum via distributed control and mission command principles. Dispersal operations are augmented with other passive defense measures, such as hardening and camouflage.

ACE maneuver requires prioritization and sufficient coordination of theater assigned and inter-theater transportation to move the force at the proper time and with sufficient tempo to achieve desired effects. Early planning and posturing can ensure airlift, ground movement, and sealift are employed with sufficient quantity, speed, and flexibility. Properly integrated into the planning cycle, operational contract support planners can provide optimized sourcing recommendations and options for the use of commercial support to reduce air, ground, and sea transportation requirements. Dispersal plans from specific enduring locations to dispersed locations should be incorporated into theater operation plans to permit adequate equipment and personnel posturing as well as time phased force deployment data development.

For ACE to remain viable, ACE maneuver must be prioritized. Normally, the combatant commander retains control of theater assigned transportation assets. However, exercises have validated that organic transportation within a base cluster increases agility. This is accomplished with CCMD assigned or attached mobility forces through delegation of OPCON or TACON to the lowest applicable level, often to the Air Expeditionary Wing (AEW). Utilizing the hub and spoke distribution methodology, moving cargo between an enduring location (hub) and a CL (spoke), organic transportation increases the flexibility and agility of forces within an AEW’s base cluster. It provides commanders maximum flexibility to rapidly maneuver forces and materiel based on each CL’s need.

PROTECTION

Air bases are no longer considered a sanctuary from attack, regardless of their location. To stay in the fight, forces must operate in and through contested environments. A combination of active and passive defenses are necessary to counter threats in all domains. CL protection requirements, including base defense and defensive counter air
DCA, are informed by operational risk assessments, mission requirements, and available protection capability and capacity. DCA is paramount to protect the force from present and future threats, including sUAS, cruise missiles, ballistic missiles, and hypersonic weapons.

A strategy that implements integrated air and missile defense (IAMD), to include layered DCA capabilities and robust defensive measures, complicates and frustrates enemy targeting. Additionally, all installations should be prepared to defend against air; space; cyberspace; surface-to-surface; chemical, biological, radiological, and nuclear; and ground threats throughout the conflict. Protection strategies enable Airmen to protect, mitigate, respond to, and recover from attacks while rapidly reconstituting and continuing to generate combat airpower throughout.

Enduring location-focused force protection plans and strategies are insufficient to meet the needs of short-term or dispersed operations. Preplanned integration of joint or host nation security assets for dispersed operations is paramount. Additionally, force protection intelligence support is critical to ACE. Proactively providing planners and commanders with information enables quality basing and risk mitigation decisions. Continuance of intelligence and counterintelligence (CI) activities throughout the competition continuum informs commanders' risk calculus when executing reactive maneuver or other protection actions. Air Force intelligence, CI, force protection, emergency management, and law enforcement entities should leverage existing relationships with joint and host nation entities to coordinate supplementary force protection and intelligence support for ACE. Finally, intelligence and CI entities should work closely with planners and supporting contracting activities to develop and maintain actionable information related to vendors and contractors in the region, especially regarding their potential allegiance to and partnership with an adversary.

**SUSTAINMENT**

ACE will challenge current logistics systems and transportation nodes. Supply and distribution systems need to transform from a fully connected “pull” system, optimized for efficient operations, to a “push” system that maximizes distributed mission effectiveness. The Air Force should anticipate limitations to standard means of distribution and transportation, and leverage an adaptive logistics system to support operations in these environments. Leveraging local and regional commercial markets can alleviate distribution system stress and provide critical services and equipment to distributed forces.

ACE sustainment requires infrastructure innovation, operationalized war reserve materiel (WRM), and prepositioned equipment. Operationalizing WRM helps to ensure its continued viability over time and demonstrates logistical depth. Innovative logistics and force projection capabilities are required to meet operational ACE needs as operations grow in scope and scale due to the increase in operating locations.

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9 A pull system emphasizes efficiency through a “just in time” logistics system, where supplies are pulled forward on an as-needed basis. Whereas, a push system emphasizes effectiveness, at efficiency’s expense, by anticipating the need and ensuring supplies are on hand before they are needed.
Current Air Force basing logistics systems are challenged to project, protect, and sustain the force in a dynamic, contested operational environment.\textsuperscript{10} The processes of setting the theater, deploying the force, and maneuvering the force depend on robust, resilient, and responsive logistics and infrastructure support and must withstand an adversary’s disruption strategy. To optimize ongoing sustainment, “push” logistics systems should employ predictive modeling predicated on mission design series (MDS) and theater-specific data analysis, accounting for variable geographical and environmental constraints and considerations across a theater. Additionally, analysis of commonalities between MDS common support equipment limits duplication of effort in the posture and sustainment of forces. Diversification of sustainment by using multiple sources such as support agreements and contracted support reduces stress on traditional logistics systems, contributes to maneuver unpredictability, and uses host nation resources.

As dispersed sites grow in number across a wider operational area, sustainment plans and systems should also be capable of scaling sustainment operations to match. ACE sustainment plans should focus primarily on aircraft sortie generation, but should also include the ability to execute implied tasks such as receiving airlift or sealift for resupply, executing BOS functions, and contracting local services, supplies, and equipment.

**INFORMATION**

Effective conduct of information warfare is a key element of ACE. All ACE actions, including written or spoken words and displayed or related images, have informational aspects that communicate some message or intent. This message or intent can be leveraged to shape perceptions and behaviors in ways that support the achievement of friendly force objectives. Overt messaging about ACE can be used to communicate the ability to rapidly disperse assets, aircraft, and personnel across a wide range of potential forward operating locations and leverage host nation organic capabilities, assets, and partner nation cooperative agreements.

In the planning and execution of proactive or reactive ACE schemes of maneuver, the deceptive use of information can cause an adversary to errantly diffuse or concentrate forces, rendering them ineffective. Similarly, it can create a state of “analysis paralysis” about ACE maneuver that challenges an adversary’s ability to make effective, timely decisions.

ACE supports information warfare’s aim of shaping the perceptions, behaviors, and attitudes of relevant actors.\textsuperscript{11} The effective integration of information into ACE schemes of maneuver can bolster assurance and deterrence by revealing overall joint force capabilities to deny adversary benefits or punish aggression, conceal or obscure aspects that provide perishable advantage, or suggest elements that mislead adversaries. ACE preparation demonstrates and signals a combat-credible deterrent to adversaries and provides assurance to partners and allies.


\textsuperscript{11} AFDP 3-99.
INTELLIGENCE

Intelligence and CI should be prepared to support operations in a CDO-L environment characterized by mission command and rapidly changing basing. As operations evolve, real-time communications feedback with warfighters and the intelligence community need to be agile and resilient. Mission report communications flow should be adapted for real-time operations. Intelligence covering the full spectrum of ACE needs to adapt and evolve to meet dynamic C2 requirements.

Support to expeditionary mission generation units and the contingency intelligence network will further enable the ability to achieve desired airpower effects. Force protection intelligence and CI activities enable survivability of operations by providing commanders current, time-sensitive, critical information and intelligence necessary to make risk decisions regarding maneuver. This intelligence and CI gathering should precede operational ACE execution to identify all potential kinetic, nonkinetic, and foreign intelligence threats.

Intelligence preparation of the operational environment is employed to identify enemy capabilities and threats to proposed ACE operations and support their mitigation. The intelligence and CI community must also consider threats from commercial vendors and contractors. In locations without a current presence, the US should initiate and develop new relationships with individuals and organizations capable of providing desired information.

FIRES

ACE scheme of maneuver ensures the ability to mass fires to achieve convergence of effects in all domains, to include coordinated ground-based fires in defense of an airfield and its ability to generate aircraft. The execution of fires does not fundamentally change in ACE execution but requires use of MTO and delegation of authorities to the lowest appropriate level. Plans should account for the timelines that may be required to aggregate forces originating from different dispersed sites to create effects against a common target. Under the DOD’s vision for JADO, fires may be delivered by air, space, cyberspace, land, maritime, and special operations forces.

CONCLUSION

ACE requires a revolutionary change in how the Air Force thinks about and conducts operations within the modern operational environment. This doctrine note informs relevant and forward-looking ACE concepts and provides a mechanism to quickly evolve doctrine to adapt to an ever-changing security environment. The intent of this doctrine note is to share information and generate discussion across the force. As ACE continues to mature through employment in field operations and exercises, feedback and lessons learned will continue to feed the evolution of this emerging doctrine.
### Quick Reference List of Operating Locations

There are two predominant categories of operating locations that are typically referenced: enduring locations and contingency locations. Within these categories, it's possible to drill-down into sub-categories if further specificity is required.

<table>
<thead>
<tr>
<th>Enduring Locations</th>
<th>Contingency Locations</th>
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<tbody>
<tr>
<td><strong>Main Operating Base (MOB)</strong> – A facility outside the United States and its territories with permanently stationed operating forces and robust infrastructure.</td>
<td><strong>Semi Permanent Contingency Location (SCL)</strong> – A contingency location that provides support for a prolonged contingency operation and characterized by enhanced infrastructure and support services consistent with sustained operations.</td>
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<tr>
<td><strong>Forward Operating Site (FOS)</strong> – A scalable location outside the United States and its territories intended for rotational use by operating forces.</td>
<td><strong>Temporary Contingency Site (TCL)</strong> – A locale that provides near-term support for a contingency operation and characterized by expedient infrastructure and support services that have been expanded beyond Service-organic capabilities.</td>
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<tr>
<td><strong>Cooperative Security Location (CSL)</strong> – A facility located outside the United States and its territories with little or no permanent United States presence that is maintained by periodic Service, contractor, or host nation support.</td>
<td><strong>Initial Contingency Location (ICL)</strong> – A locale occupied by a force in immediate response to a contingency operation and characterized by austere infrastructure and limited services with little or no external support except through Service-organic capabilities.</td>
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