



Air Land Sea Space Application Center



*Joint Tactics, Techniques, and Procedures
for Victory in the Next Battle*

ALSSA Mission

Mission Statement

ALSSA provides multi-Service solutions for tactical warfighters by filling gaps in existing tactics, techniques, and procedures (TTP) to improve near-term interoperability and lethality.

Intent

ALSSA succeeds through professional networking, collaborative tools, digital/printed media, and other methods that facilitate engagement with joint warfighters. Adaptability, credibility, and speed are pillars of ALSSA's organizational culture..

Risk

The principal risk to ALSSA's mission is the erosion of the symbiotic relationship with joint warfighters which diminishes the credibility, relevance, and effectiveness of ALSSA solutions to joint interoperability gaps.

End State

ALSSA strives to provide the joint force unencumbered access to TTP solutions that increase interoperability and lethality via timely updates and multiple information pathways.



ALSSA

History of ALSSA

- **1973: CSAF (Gen Brown) and CSA (GEN Abrams) initiated the TAC-TRADOC Dialog to increase joint coordination and interoperability.**
- **1975: HQ TAC and HQ TRADOC established a joint directorate, Air-Land Forces Application (ALFA), for development of joint concepts, doctrine, and procedures for the conduct of the Air-Land Battle.**
- **1992: MCCDC and LANTFLT assigned permanent billets to ALFA ... became Air Land Sea Application (ALSA) Center.**
- **1997: ACC and TRADOC transfer organizational oversight responsibilities to respective doctrine centers.**
- **1998: Joint Duty Assignment Validation Board validated all ALSA Center positions as joint (Removed in 2022).**
- **2022: Services voted to include Space Force. ALSA became Air Land Sea Space Application (ALSSA) Center.**



ALSSA

JASC Members

Service Voting Members



**Mission Command Center of
Excellence (MCCoE)
Director
Brigadier General
Bryan Babich**

**LeMay Doctrine Center
Commander
Major General
Parker Wright**



**Navy Warfare Development
Center (NWDC)
Director
Mr. Michael Durkin**

**Training and Education
Command (TECOM)
Director Policy and Standards
Colonel
Karl Arbogast**



**Space Delta 10
Commander
Colonel
S. Shannon DaSilva**

Non-Voting Members



**Joint Staff J7/DD JED
Joint Ed & Doctrine
Colonel
Thomas Lee**



**USCG FORCECOM
Commander
RDML Jeffrey Randall**



**USSOCOM J59,
Doctrine Chief
Mr. Dennis Granger**



ALSSA

ALSSA Organization



Director
Col Troy McLain (USAF)



Deputy Director
COL Michael Reyburn (USA)

NCOIC
SrA Snellings (USAF)

Contact ALSSA:
ALSSAinfo@army.mil

C5ISR
CDR Kerr (USN)
Lt Col Jackson (USAF)
Lt Col (S) Finnegan (USAF)
MAJ (P) Oakley (USA)
MAJ Hackman (USA)
Maj Constantineau (USAF)

Fires and Sustainment
Col (S) Hrupek (USAF)
COL Willig (USA)
LTC Jensen (USA)
Lt Col Schwab (USAF)
MAJ Christensen (USA)
Maj Wallin (USAF)
MAJ Funderburk (USA)
Vacant (USMC)

Support Staff
Exec Asst — Ms. Creighton (USA)
Budget — Mrs. Villanueva (USA)
Automation Asst — Mrs. Joyce (USN)
Publishing Staff
Illustrator — Ms. Caswell (USN)
Editor — Mr. Finn (USAF)

Service Billets

Army Aviation, Infantry, Special Forces, Field Artillery, Space Operations, Strategic Intelligence, Fighter Pilot, Bomber Pilot, Comms/Information Ops, UAS Pilot, JTAC, Naval Aviator

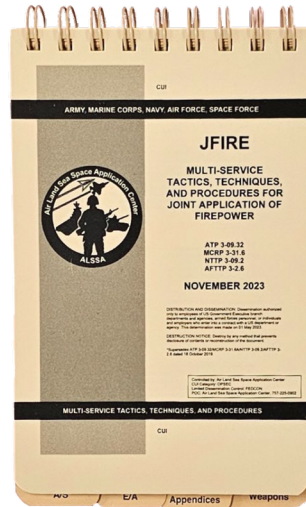
Positions Allocated

Army	7
Air Force	8
Navy	1
USMC	1
Civilians	5
	22



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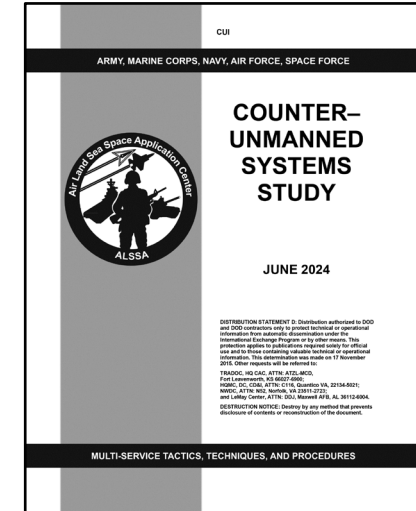
ALSSA Products



Multi-Service Tactics,
Techniques, and Procedures
(MTTP)



Battlespace Journal (BSJ)



ALSSA Study

E-mail: ALSSAinfo@army.mil

Unclassified – <http://www.alssa.mil>

SIPR – <https://intelshare.intelink.sgov.gov/sites/alsa>



Joint & Service Digital Libraries

Army: <https://armypubs.army.mil/>

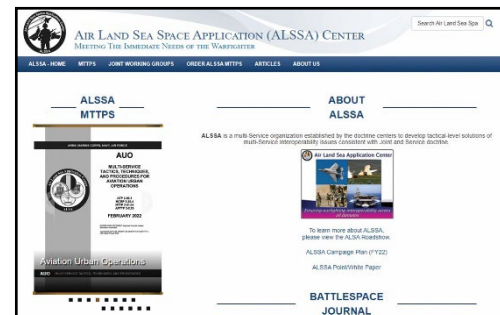
Navy: <https://doctrine.navy.mil>

Air Force: <http://www.dctrine.af.mil/>

Marine Corps: https://usmc.sharepoint-mil.us/sites/MCEN_Support_MCDoctrine

Space Force: <https://space-wiki.apps.dso.mil/wiki/Doctrine>

Joint: <https://jdeis.js.mil/jdeis/index.jsp?pinde=84>



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ALSSA MTTP

Priority

(1-3 Year Cycle)

Annually	Fighter Integration
2-Year Cycle	Air Control Communication Multi-Service Brevity Codes Joint Application of Firepower Tactical Radios Joint Suppression of Enemy Air Defenses
3-Year Cycle	Airspace Control Air and Missile Defense Personnel Recovery Advising Foreign Security Forces Theater Air-Ground System Airfield Opening

Routine

(5 Year Cycle)

Air Operations in Maritime Surface Warfare
Aviation Urban Operations
Dynamic Targeting
Conventional Forces and Special Operations Forces Integration, Interoperability, and Interdependence
Explosive Ordnance
Intelligence, Surveillance, and Reconnaissance Optimization
Kill Box Planning and Employment
Military Diving Operations
Strike Coordination and Reconnaissance
Survival, Evasion, and Recovery
Tactical Convoy Operations

Evaluation

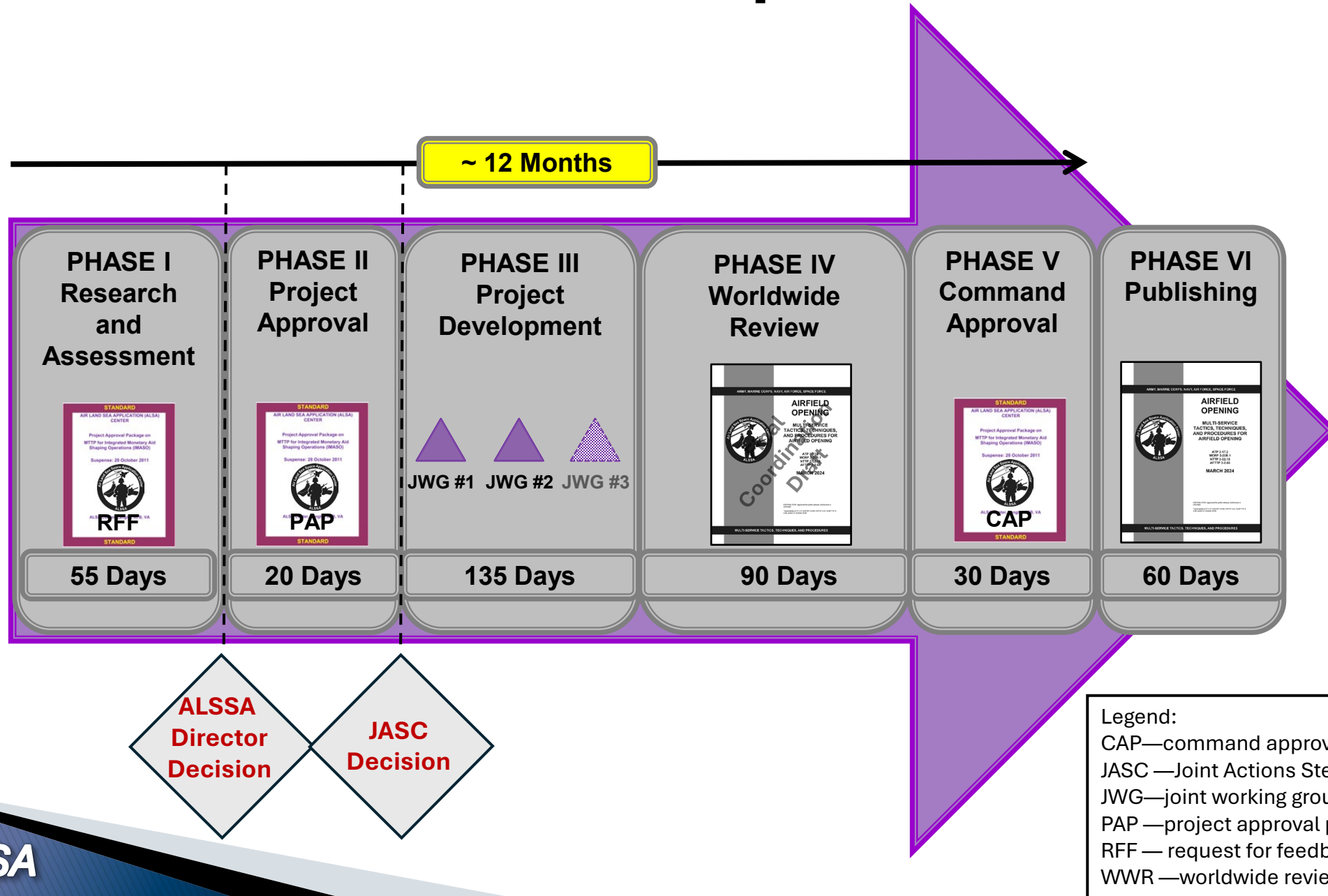
(Assess for Future Disposition)

Air-to-Surface Radar Employment
Tactical Employment of Biometrics in Support of Operations
Defense Support of Civil Authorities
Expeditionary Forensics
Employment of Nonlethal Weapons
Operation Assessment

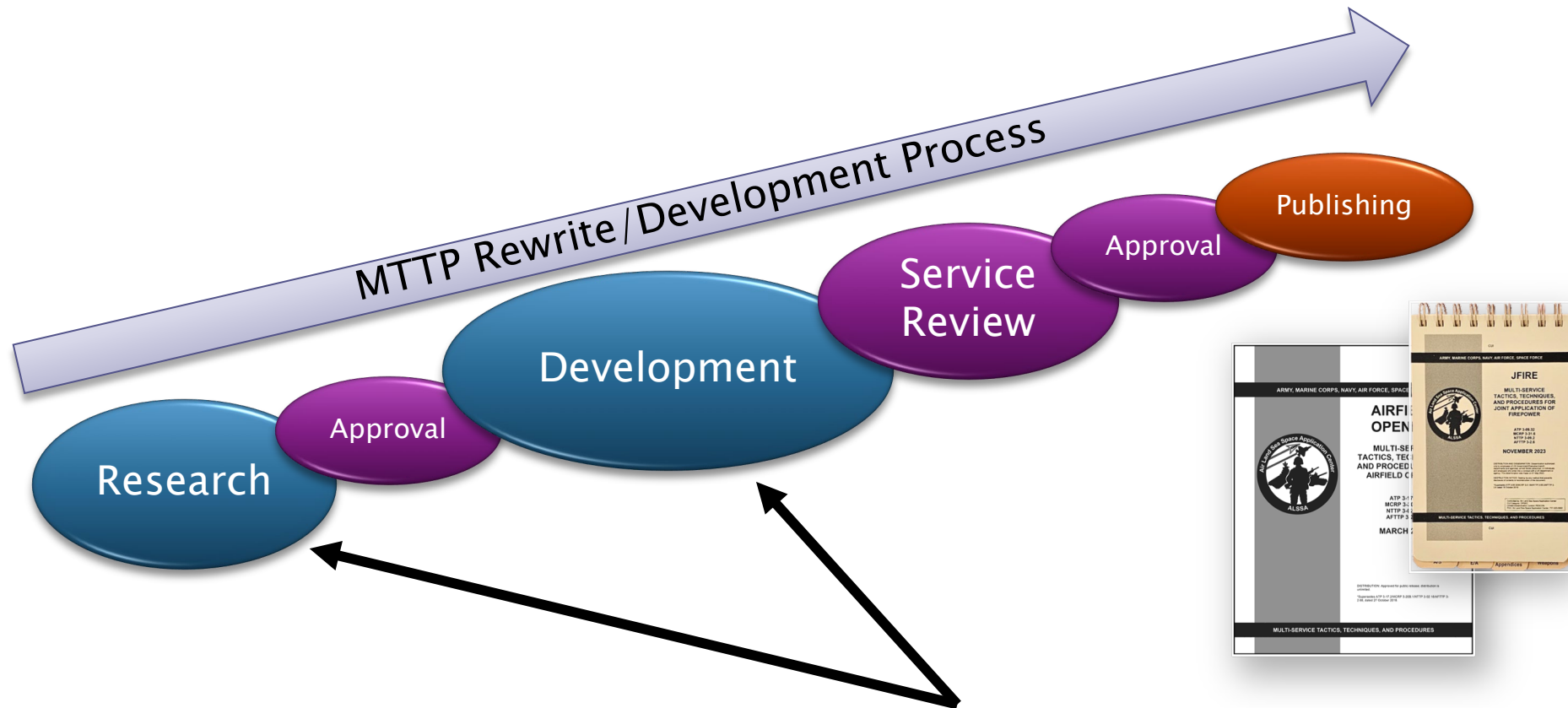


ALSSA

ALSSA MTTP Development Process



Air Land Sea Space Application (ALSSA) Center



ALSSA Upcoming Joint Working Group
Schedule: <https://www.alssa.mil/jwgs/>

YOU ARE HERE



ALSSA

Battlespace Journal

ALSSA Battlespace Journal has historically been published two times per year.

Designed to inform the warfighter on recent developments in warfighting concepts, issues and Service interoperability.

Provides a cross-Service flow of information among readers around the globe.

Over 1,500 ALSSA Battlespace Journals are mailed to the Brigade/ Group and Battalion/Squadron level across the Services.

Articles are written and submitted by civilian and military personnel from all Services.



Winter 2024 Edition

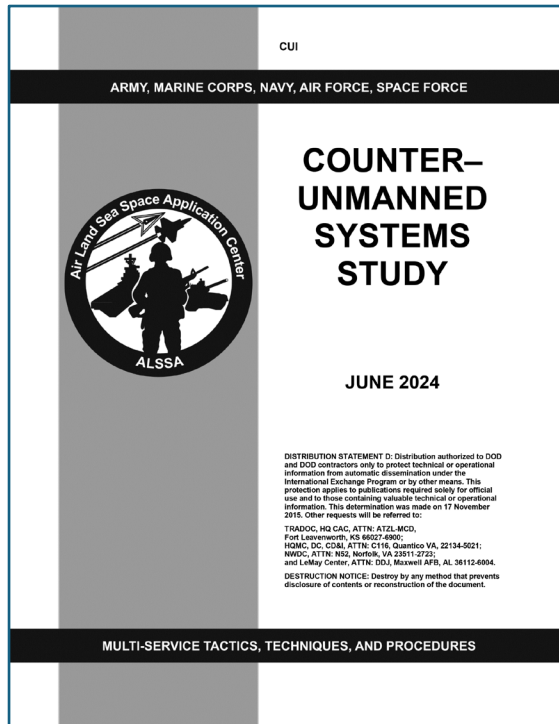
Articles:

1. Democratizing Airpower: Air Mobility's Role in Joint Fires
2. Intermediate Objectives and Incremental Behavior Change: Relooking a Current Paradigm for DoD Foreign Influence Efforts
3. The Intelligence, Surveillance, Reconnaissance Liaison Officer: A Critical Intelligence Node in Agile Combat Operations
4. 5G and Edge Computing: The Future of the DoD and JADC2



ALSSA

ALSSA Studies



- Studies are written to determine the existence or nature of interoperability problems.
- They are accomplished at the direction of the JASC or the O-6 Council, in response to a query from the field, or by internal tasking.
- Studies include requests to write proposals for future publications or review and comment on joint and Service publications.
- Occasionally, studies are not approved for MTTP publication production due to a limited or no interoperability gap or other circumstance.
- Email: ALSSAinfo@army.mil with suggestions.

Recent ALSSA Studies

- Degraded Space Operations
- Air Control Communication
- Personnel Recovery
- 4th/5th Gen Fighter Integration
- Defensive Cyber Operations
- Counter Unmanned Systems
- Joint Air Attack Teams
- Air and Missile Defense



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Releasability of ALSSA MTTP

Category	Released to ___ Nations
Biometrics	1
Forensics	8
Survival	13
FI	25
NLW	34
TCO	36
ISR-O	36
EO	36
CF-SOF	36
ATSRE	39
SCAR	40
Airspace Control	46
Tac Radios	49
AOMSW	49
AMD	49
PR	51
Killbox	51
DT	52
JSEAD	61
JFIRE	68

Advising, ACC, Airfield Opening, AUO, Brevity,
DSCA, MDO, Ops Assessment, TAGS

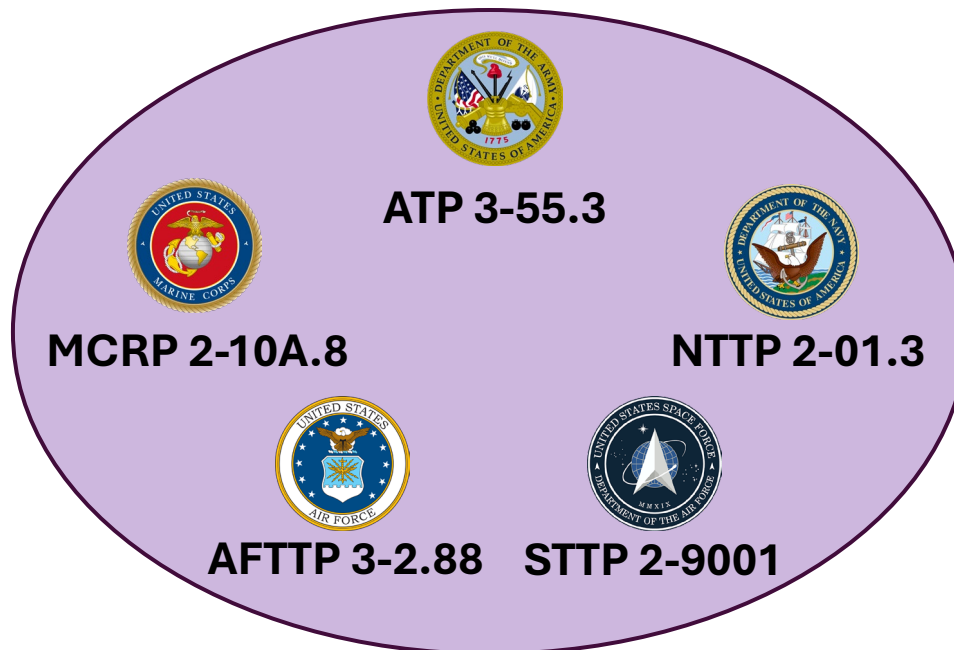
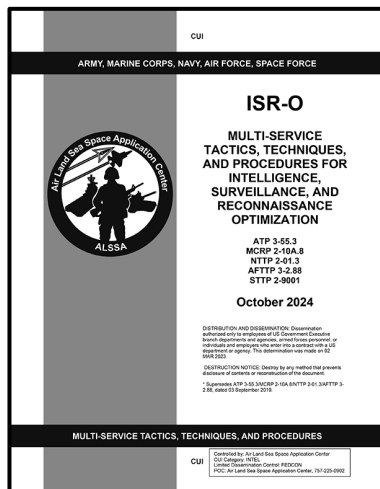
Joint and Multi-Service Doctrine

Joint Doctrine

- Authoritative Joint doctrine
- Must have consensus
- Proposed by JDPC
- Approved by CJCS/DJ7
- Signed by the CJCS
- Revised on a priority basis
- **Operational Level Doctrine**

Multi-Service Doctrine

- Adopted as Service doctrine
- Service agreement not required
- Proposed/written by Warfighters
- Approved by JASC
- Signed by Service doctrine chiefs
- Revised every 1-5 years
- **Tactical Level Solutions**



ALSSA's Contribution to Service Publications

Army and Navy:
29 ALSSA publications included in ATP and NTP libraries.

Air Force and Marine Corps:
30 ALSSA publications included in AFTTP and MCRP libraries.



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Air Land Sea Space Application (ALSSA) Center



Improving tactical integration and lethality across all domains