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OF THE AIR FORCE**

**DEPARTMENT OF THE AIR FORCE
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Operations Support

**DEPARTMENT OF THE AIR FORCE
PARTICIPATION IN INTERNATIONAL
ARMAMENTS COOPERATION (IAC)
PROGRAMS**

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(Mr. Steven A. Ruehl, Sr.)

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This publication implements Department of the Air Force Policy Directive (DAFPD) 16-1, *Security Cooperation*. This instruction supports the Department of the Air Force (DAF) as it seeks to achieve the goals and objectives of the National Security Strategy (NSS), the National Defense Strategy (NDS), and the National Military Strategy (NMS). This instruction applies to all civilian and uniformed members of the DAF, the Air Force Reserve, the Air National Guard, and all who have a contractual obligation to abide by the terms of DAF issuances. This instruction does not cover joint military arrangements or operations with allied nations that are under the purview of the Joint Chiefs of Staff and the Combatant Commands (CCMDs), nor does it address Security Assistance programs, including Foreign Military Sales. See Air Force Manual (AFMAN) 16-114, *Participation in International Armaments Cooperation (IAC) Programs*, for details on implementing this instruction.

This Department of the Air Force Instruction (DAFI) may be supplemented at any level, but all supplements must be routed to the Deputy Under Secretary of the Air Force, International Affairs, Armaments Cooperation Division (SAF/IAPC) for coordination prior to certification and approval. Refer recommended changes and questions about this publication to the office of primary responsibility (OPR) using DAF Form 847, *Recommendation for Change of Publication*; route DAF Forms 847 from the field through the appropriate functional chain of command. The authorities to waive wing, unit, or delta level requirements in this publication are identified with a Tier ("T-0, T-1, T-2, T-3") number following the compliance statement. See DAFI 90-160,

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SUMMARY OF CHANGES

This document has been substantially revised and needs to be completely reviewed. Major changes include revision of language to account for the establishment of the USSF and clarification of SAF/IA responsibilities in support of the USSF. The Engineer and Scientist Exchange Program (ESEP) and Administrative Personnel Exchange Program (APEP) are now managed by Deputy Under Secretary of the Air Force, International Affairs, International Airmen Division (SAF/IAPA) and will be incorporated in the next revision of AFI 16-107 *Military Personnel Exchange Program*.

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1. Overview

1.1. **Purpose.** Manage IAC agreements processes and programs throughout the DAF in accordance with priorities established by higher-level strategy documents.

1.2. **Scope.** This DAFI provides instruction for DAF organizations to implement IAC programs. As used herein, IAC refers to the broad range of international activities in which the DoD and foreign government(s) jointly manage efforts to satisfy common military requirements through cooperation in research, development, test, evaluation, acquisition, and production in support of air, space, and cyberspace technology and systems. The use of the term international agreement (IA) in this document refers only to armaments cooperation agreements.

1.2.1. This DAFI covers stakeholders' roles and responsibilities to implement IAC activities; the primary IAC agreement types that serve as enablers for DAF organizations; and associated IAC programs that DAF proponents may use to catalyze Research, Development, Test, and Evaluation (RDT&E) IAC.

1.2.2. AFMAN 16-114 contains detailed information on DAF IAC agreements and programs, and their processes/procedures.

2. Roles and Responsibilities.

2.1. The Deputy under Secretary of the Air Force, International Affairs (SAF/IA) will:

2.1.1. Promote DAF-wide participation in IAC programs that build partnerships and partner(s) capacity; facilitate access to cutting-edge technology; and promote interoperability, integration, and interdependence; as appropriate.

2.1.2. Serve as the lead DAF representative to the Security Cooperation Enterprise for matters pertaining to IAC activities.

2.1.3. Approve DAF participation in IAC programs after consideration of policy, operational requirements, acquisition strategy, technology transfer, funding, and other issues.

2.1.4. Seek access to world-class RDT&E, including foreign Non-Developmental Items (NDI), through cooperative arrangements with partner nations.

2.1.5. Use DAF and partner government IAC resources efficiently to reduce costs and avoid duplication of effort.

2.1.6. Sign IAs or delegate signature authority for IAs after obtaining appropriate approvals.

2.1.7. Draft delegation memos and sign Appointment Letters and Roles and Responsibilities Memoranda for IAs where appropriate.

2.2. The Deputy Under Secretary of the Air Force, International Affairs, Director of Policy, Programs and Strategy (SAF/IAP) will:

2.2.1. Assist in the overall supervision and direction of IAC policies/procedures.

2.2.2. Sign IAs when appropriate as delegated by SAF/IA.

2.3. The Deputy Under Secretary of the Air Force, International Affairs, Armaments Cooperation Division (SAF/IAPC) will:

- 2.3.1. Serve as the DAF OPR for IAC processes and air and cyber IAC activities.
- 2.3.2. Advise DAF and DoD organizations on mechanisms for cooperation, international partner opportunities, and policy considerations.
- 2.3.3. Guide and advise exploratory discussions with international partners and proposed IAC projects.
- 2.3.4. Establish and lead International Cooperative Agreement Teams (ICATs) to synchronize DAF stakeholder equities into the development/establishment of an IAC IA.
- 2.3.5. Upon receipt of delegated authority from the Office of the Under Secretary of Defense for Acquisition and Sustainment (OUSD(A&S)), lead the development, negotiation, and establishment of cooperative mechanisms such as bilateral/multilateral program agreements, RDT&E agreements, project arrangements/agreements (PA), information/data exchanges, terms of references, and equipment and material transfers on behalf of the DAF.
- 2.3.6. Develop and negotiate other categories of international agreements, on a case-by-case basis, in accordance with DoDI 5530.03, *International Agreements*, DoDD 5230.20, *Visits, Assignments, and Exchanges of Foreign Nationals*, and DAFI 51-403, *International Agreements*.
- 2.3.7. Ensure program or project agreement identifies an assigned program manager (PM) and test manager (TM) with accompanying responsibilities.
- 2.3.8. Liaise and coordinate with USAF, SAF and DoD organizations to explore the opportunity for international efforts, where applicable.
- 2.3.9. Liaise and communicate with potential foreign partners to identify new cooperative IAC opportunities as well as build and maintain relationships.
- 2.3.10. Provide international visit support for USAF organizations going abroad or international partners coming to the US for visits that focus on building partnerships in IAC.
- 2.3.11. Provide overall USAF policy guidance for IAC participation.
- 2.3.12. Identify training opportunities for USAF personnel engaged in IAC activities.
- 2.3.13. Manage, plan, program, budget, and administer the Program Elements (PEs) for International Activities and the International Cooperative Research and Development (ICR&D) Program.
- 2.3.14. Advocate for IAC by conducting periodic outreach to USAF, SAF and DoD organizations for IAC activities.
- 2.3.15. Assist SAF/AQ with implementing the international dimensions of USAF acquisition programs and in assessing IAC opportunities.

- 2.3.16. Assist in harmonizing US and foreign military requirements to foster IAC projects by coordinating with the Deputy Chief of Staff, Air Force Futures (AF/A5/7), other HQ USAF offices, and major commands (MAJCOMs).
- 2.3.17. Monitor and oversee MAJCOM implementation of IAC programs, projects, and associated agreements.
- 2.3.18. Serve as the lead agent for the ICR&D Program.
- 2.3.19. Serve as DAF Representative for OUSD(A&S) Coalition Warfare Program (CWP) and OUSD(R&E)'s Emerging Capability and Prototyping Foreign Comparative Testing (FCT) Program.
- 2.3.20. Chair the annual Headquarters Air Force (HAF) ICR&D Project Selection Panel.
- 2.3.21. Advise on options and responsibilities when IA execution requirements are in question.
- 2.4. The Deputy Under Secretary of the Air Force, International Affairs, Foreign Disclosure and Technology Transfer Division (SAF/IAPD) will:
- 2.4.1. Review IAs and supporting documentation to ensure consistency with National Disclosure Policy (NDP) and export control regulations, and that DAF operational and technical concerns are addressed.
- 2.4.2. Develop and request disclosure exceptions to NDP required to support DAF IAC initiatives.
- 2.4.3. Advocate for disclosure, weapons and technology transfer requirements within the interagency.
- 2.4.4. In collaboration with the Assistant Secretary of the Air Force for Acquisition, Technology and Logistics, Special Programs (SAF/AQL), review and coordinate international agreements and supporting documentation pertaining to Low Observable/Counter Low Observable (LO/CLO) programs requiring additional review or approval from DoD offices or agencies prior to entering into any international agreement.
- 2.4.5. Request SAF/IAPW contact SAF/AQL, the LO/CLO representative, to initiate the LO/CLO review process when IA's deal with systems or technologies that require additional review by the LO/CLO Executive Committee (EXCOM).
- 2.4.6. Request SAF/IAPW coordinate with the Tri-Service Committee (TSC) representative in SAF/AQL to initiate TSC review when agreements deal with systems or technologies covered in DoDI-5230.28, *International Transfer Guidance for Low Observable/Counter Low Observable Technologies and Systems*.
- 2.4.7. Develop and disseminate disclosure, weapons and technology transfer guidance and policy to support IAC activities.
- 2.4.8. Provide appropriate personnel as members of ICATs, negotiation teams, and delegations to international forums and meetings, as required, in support of IAC activities.

2.5. The Deputy Under Secretary of the Air Force, International Affairs, Programing and Resources Division (SAF/IAPR) will:

2.5.1. Perform budget execution to support activities for IAC development, ICR&D, IAC support contract, FCT, and other administrative activities to include development of budget execution and spend plans; validation of current and future year budget requirements; distribution, oversight, execution and reconciliation of program funds; support for travel; and government purchase card usage.

2.5.2. Represent SAF/IAPC's financial interests, annually, in the DAF corporate structure to defend RDT&E appropriated funds.

2.6. The Deputy Under Secretary of the Air Force, International Affairs, Strategy and Plans Division (SAF/IAPS) will:

2.6.1. Ensure that IAC is addressed in the DAF International Engagement Plan and other DAF strategy documents as appropriate.

2.6.2. Provide support for IAC activities as required.

2.7. The Deputy Under Secretary of the Air Force, International Affairs, Director of Regional Affairs (SAF/IAR) geographic divisions (Africa/Americas, Central, Europe, Indo-Pacific, Space) will:

2.7.1. Coordinate closely with the IAC community to identify and / or consider IAC opportunities.

2.7.2. Ensure IAC opportunities are vetted with CCMDs and associated country teams to ensure consistency and compliance with DoD and DAF international engagement policy and objectives.

2.7.3. Participate as appropriate in conferences, meetings, planning sessions, ICATs, forums, and other IAC activities to ensure consistency and compliance with theater CCMD, country team, and DAF international engagement policy and country specific objectives.

2.7.4. Coordinate with SAF/IAPC and SAF/IARS to ensure that all IAC activities are included/documentated in the specific Country Paper(s) to ensure senior office/leader visibility into all country specific Security Cooperation programs.

2.7.5. Consult on non-domestic Cooperative Research and Development Agreements (CRADAs) to confirm there are no political or military restrictions preventing the activity.

2.8. The Deputy Under Secretary of the Air Force, International Affairs, Space Division (SAF/IARS) will:

2.8.1. Serve as the DAF OPR for space IAC agreements and related duties.

2.8.2. Advise DAF and DoD organizations on mechanisms for space cooperation, international partner opportunities, and policy considerations.

2.8.3. Develop engagement plans to promote space interests on behalf of DAF organizations for international armaments cooperation.

2.8.4. Guide and advise on exploratory discussions with international partners.

- 2.8.5. Upon receipt of delegated authority, lead the development, negotiation, and establishment of cooperative mechanisms such as bilateral/multilateral program agreements, RDT&E agreements, project arrangements/agreements, information/data exchanges, terms of references, and equipment and material transfers on behalf of the USSF.
- 2.8.6. Ensure program or project agreement identifies an assigned PM and TM with accompanying responsibilities.
- 2.8.7. Liaise and coordinate with USSF, SAF and DoD organizations to explore opportunities for international cooperation efforts and integrate potential contributions of foreign partners into space architectures.
- 2.8.8. Liaise and communicate with potential foreign partners to identify new cooperative IAC interests as well as build and maintain relationships.
- 2.8.9. Provide international visit support for USSF organizations going abroad or international partners coming to the US for visits that focus on building partnerships in international armaments cooperation.
- 2.8.10. Provide overall USSF policy guidance for IAC participation.
- 2.8.11. Identify training opportunities for USSF personnel engaged in IAC activities.
- 2.8.12. Promote IAC by conducting outreach to USSF organizations on space IAC initiatives.
- 2.8.13. Assist SAF/SQ with the international dimensions of USSF acquisition programs and assessing IAC opportunities.
- 2.8.14. Assist in harmonizing US and foreign military requirements to foster cooperative IAC projects by coordinating with the Senior Acquisition Executive for Space (SAF/SQ), the Chief Strategy and Resources Office (S5/8), other HQ USSF offices, Field Commands (FLDCOMs), and other Direct Reporting Units (DRUs).
- 2.8.15. Monitor and oversee FLDCOM and DRU implementation of IAC programs, projects, and associated agreements.
- 2.8.16. Coordinate and lead the International Cooperative Agreement Teams (ICATs) to synchronize all space enterprise equities into the development/establishment of an IAC IA.
- 2.8.17. Review proposed IAC projects and staff supporting documentation for DAF approval and coordinate with OUSD(A&S), as appropriate.
- 2.8.18. Develop and negotiate other categories of international agreements, on a case-by-case basis, in accordance with DoDI 5530.03, DoDD 5230.20, *Visits, Assignments, and Exchanges of Foreign Nationals*, and DAFI 51-403, *International Agreements*.
- 2.8.19. Consult on non-domestic CRADAs to confirm there are no restrictions on the activities.
- 2.8.20. Act in support of IAPC for CWP, ICR&D, and FCT programs.

2.9. The Assistant Secretary of the Air Force for Acquisition, Technology and Logistics (SAF/AQ) will:

2.9.1. Inform SAF/IA on priorities for use of investment funds (RDT&E and Procurement) for security cooperation activities for USAF acquisition programs involving IAC.

2.9.2. Ensure cooperative opportunities are evaluated within the program acquisition strategy prior to milestone reviews.

2.9.3. Team with SAF/IA to initiate preliminary or exploratory discussions for IAs through liaisons with foreign governments.

2.9.4. Coordinate on IAs to ensure consistency with USAF science, technology, and acquisition policies and objectives, as required.

2.9.5. Designate a PM and TM to the program with requisite responsibilities.

2.9.6. Execute IAC programs in accordance with existing IAs.

2.9.7. Provide US Principal and Board of Directors Chairperson to North Atlantic Treaty Organization (NATO) Airborne Warning and Control System (AWACS), NATO Air Command and Control System (ACCS), NATO Alliance Future Surveillance and Control (AFSC), and NATO Air Force Armaments Group (NAFAG) to ensure appropriate USAF acquisition representation in all forums and panels that support IAC objectives. Approve USAF participation in technical panels, groups, and committees under the Science and Technology Organization (STO) as required.

2.9.8. Initiate the LO/CLO review process when IAs deal with systems or technologies that require additional review by the LO/CLO EXCOM.

2.9.9. Provide appropriate personnel as members of ICATs, negotiation teams, and delegations to international forums and meetings supporting IAC, as required.

2.9.10. Ensure USAF programs comply with Program Protection Planning and Anti-Tamper (AT) requirements prior to committing to international cooperation on the program, including rough order of magnitude (ROM) pricing.

2.9.11. Ensure DAF acquisition programs and DAF Research and Development (R&D) projects assess Critical Program Information (CPI), and corresponding Program Executive Officer (PEO) / Technology Executive Officer (TEO) Director of Engineering validates the CPI Assessment.

2.9.12. Participate in technical panels, groups, and committees as described in concluded IAC agreements.

2.10. The Assistant Secretary of the Air Force for Space Acquisition (SAF/SQ) will:

2.10.1. Assess space architectures of foreign partners to identify opportunities, potential gaps or areas of duplication to inform DAF planning and programming.

2.10.2. Provide assessments for technical integration and interoperability across current and formally recommended future space architectures of international partners.

2.10.3. Inform SAF/IA on priorities for use of investment funds (RDT&E and Procurement) for security cooperation activities involving IAC.

- 2.10.4. Ensure cooperative opportunities are evaluated within the program acquisition strategy prior to milestone reviews.
 - 2.10.5. Team with SAF/IA to initiate preliminary or exploratory discussions for IAs through liaisons with foreign governments.
 - 2.10.6. Coordinate on IAs to ensure consistency with USSF science, technology, and acquisition policies and objectives, as required.
 - 2.10.7. Designate a PM and TM to the program with requisite responsibilities.
 - 2.10.8. Execute IAC programs in accordance with existing IAs.
 - 2.10.9. Provide appropriate personnel as members of ICATs, negotiation teams, and delegations to international forums supporting IAC, as required.
 - 2.10.10. Ensure USSF programs comply with Program Protection Planning and Anti-Tamper (AT) requirements prior to committing to international cooperation on the program, including rough order of magnitude (ROM) pricing.
 - 2.10.11. Ensure DAF acquisition programs and DAF Research and Development (R&D) projects assess Critical Program Information (CPI), and corresponding Program Executive Officer (PEO) / Technology Executive Officer (TEO) Director of Engineering validates the CPI Assessment.
 - 2.10.12. Participate in technical panels, groups, and committees as described in concluded IAC agreements.
- 2.11. The Assistant Secretary of the Air Force, Financial Management and Comptroller (SAF/FM) will:
- 2.11.1. Verify funding availability and that DoD7000.14-R, *Financial Management Regulation* equitability requirements are met for agreements being staffed for coordination.
 - 2.11.2. Review, validate, and fund IAPC unfunded requirements as appropriate.
- 2.12. **The Secretary of the Air Force, General Counsel (SAF/GC) will:**
- 2.12.1. Provide expert legal advice in support of development, negotiation, and execution of IAC efforts.
 - 2.12.2. Coordinate on all IAs, Other Transaction Agreements (OTA) and non-domestic CRADAs to ensure legal sufficiency of potential programs and projects.
 - 2.12.3. Monitor compliance with the requirements of DoDI 5530.03, *International Agreements*.
 - 2.12.4. Provide review and concurrence before any proposed draft IA is initialed, concluded, or tendered to a prospective party, and before any unilateral commitment is made to a foreign government.
 - 2.12.5. Provide appropriate personnel as members of ICATs, negotiation teams, and delegations to international forums and meetings related to IAC, as required.

2.13. Assistant Secretary of the Air Force for Energy, Installations and Environment (SAF/IE) will:

2.13.1. Consult with SAF/IA on all cooperative energy or environmental agreements that involve foreign partners or international organizations.

2.13.2. Provide appropriate personnel as members of ICATs, negotiation teams, and delegations at international forums and meetings, as required.

2.14. Deputy Chief of Staff, Operations (AF/A3) will:

2.14.1. Harmonize US and foreign military requirements to foster IAC projects in coordination with SAF/IA, SAF/AQ, other HQ USAF offices, and MAJCOMs.

2.14.2. Assist in identifying IAC opportunities.

2.14.3. Provide appropriate personnel as members of ICATs, negotiation teams, and delegations at international forums and meetings, as required.

2.15. Deputy Chief of Staff, Air Force Futures (AF/A5/7) will:

2.15.1. Assist in identifying IAC opportunities.

2.15.2. Participate in the SAF/IAPC chaired selection committee for the DAF's ICR&D Program, to review and prioritizes RDT&E proposals.

2.15.3. Review Coalition Warfare Program draft packages, identify opportunities, and make requests to obtain additional letters of COCOM support, prior to their final submission to OUSD(A&S)'s CWP Program Office.

2.15.4. Identify opportunities with the MAJCOMs/DRUs to develop non-domestic CRADAs with companies or universities based outside the US

2.15.5. Provide appropriate personnel as members of ICATs, and delegations at international forums and meetings, as required.

2.15.6. Harmonize USSF and foreign military requirements to foster IAC projects in coordination with SAF/IA, SAF/SQ, other DAF offices, FLDCOMs, and DRUs.

2.15.7. Coordinate with SAF/IA on security cooperation activities involving IAC.

2.15.8. Provide appropriate personnel as members of ICATs, negotiation teams, and delegations at international forums and meetings, as required.

2.16. The Judge Advocate General (AF/JA) will:

2.16.1. Act as the central repository and inventory of all agreements negotiated or concluded by HAF organizations and MAJCOM/FLDCOM/DRU/FOA and subordinate units pursuant to DoDI 5530.03 and DAFI 51-403.

2.16.2. Perform duties per DAFI 51-403 when RDT&E IAs also include operational elements requiring AF/JA's advice, review, and coordination prior to concluding the IA.

2.17. Deputy Chief of Space Operations for Operations, Cyber, and Nuclear (SF/S3) will:

2.17.1. Harmonize US and foreign military requirements to foster IAC projects in coordination with SAF/IARS, SAF/SQ, other HQ USSF offices, and FLDCOMs.

- 2.17.2. Assist in identifying IAC opportunities.
- 2.17.3. Provide appropriate personnel as members of ICATs, negotiation teams, and delegations at international forums and meetings, as required.
- 2.18. Deputy Chief of Space Operations, Strategy, Plans, Programs, and Requirements (SF/S5/8) will:
 - 2.18.1. Assist in identifying IAC opportunities.
 - 2.18.2. Participate in the SAF/IAPC chaired selection committee for the DAF's ICR&D Program, to review and prioritize RDT&E proposals.
 - 2.18.3. Review Coalition Warfare Program draft packages, identify opportunities, and make requests to obtain additional letters of COCOM support, prior to their final submission to OUSD(A&S)'s CWP Program Office.
 - 2.18.4. Identify opportunities with the FLDCMs/DRUs to develop non-domestic CRADAs with companies or universities based outside the US
 - 2.18.5. Provide appropriate personnel as members of ICATs, and delegations at international forums and meetings, as required.
 - 2.18.6. Harmonize USSF and foreign military requirements to foster IAC projects in coordination with SAF/IA, SAF/SQ, other DAF offices, FLDCOMs, and DRUs.
 - 2.18.7. Coordinate with SAF/IA on security cooperation activities involving IAC.
- 2.19. Director, Air and Space Test and Evaluation (AF/TE) will:
 - 2.19.1. Review IAC staffing packages to ensure consistency with DAF Test and Evaluation (T&E) policy and compliance with DAF T&E objectives.
 - 2.19.2. Assist in identifying cooperative partnering opportunities.
 - 2.19.3. Provide appropriate personnel as members of ICATs, negotiation teams, and delegations at international forums and meetings, as required.
- 2.20. Commander, Air Force Research Lab (AFRL) will:
 - 2.20.1. Identify and assess international collaboration opportunities for value and fit within Technology Directorates' Science and Technology (S&T) strategy to satisfy AFRL, DAF, and/or joint objectives. **(T-2)**
 - 2.20.2. Provide appropriate personnel as members of ICATs, negotiation teams, review panels, and delegations at international forums and meetings, as required. **(T-2)**
 - 2.20.3. Assist in developing IAC agreement documentation. **(T-2)**
 - 2.20.4. Plan and execute Technical Working Groups (TWG) and support Air Senior National Representative (ASNR) forums, as requested by SAF/IA, with selected international partners and maintain an international schedule to support major forums. **(T-2)**
 - 2.20.5. Coordinate and consolidate responses on SAF/IA calls for non-domestic ICR&D Program, CWP, and FCT Program, proposals. **(T-2)**

- 2.20.6. Ensure AFRL compliance with requirements of IAs, and if necessary, report non-compliance to SAF/IAPC. (T-2)
- 2.20.7. Provide and manage spend plan of supplemental budget provided by SAF/IAPC. (T-2)
- 2.20.8. Execute and report IAC program development and progress in accordance with existing IAs, provide periodic and final reports to SAF/IA. (T-2)
- 2.20.9. Through a formal comparative test and evaluation process, provide information to SAF/IAPC, SAF/IARS and other agencies as to the ability of foreign systems, equipment, or technologies to satisfy DAF requirements. (T-2)
- 2.20.10. In support of IAC development by SAF/IA, draft necessary IA documents (Technical Planning Document (TPD), Summary Statement of Intent (SSOI)[CUI], DRAFT Delegation of Disclosure Authority Letter (DDL) [US only], DRAFT PA [US only], Quid Pro Quo (QPQ) Document [US only], and DRAFT Information Exchange Agreement / Data Exchange Agreement (IEA/DEA) [US only]). (T-2)
- 2.20.11. Provide periodic status reports to SAF/IA on IA, ICR&D, FCT, CWP, and any supplemental budget provided. (T-2)
- 2.20.12. Provide AFRL prioritization of IAC agreements in staffing to SAF/IA semi-annually. (T-2)
- 2.21. All other MAJCOMs and FLDCOMs will:
- 2.21.1. Write and submit DDLs to SAF/IAPD for all IAC agreements at or above the level of Controlled Unclassified Information.
- 2.21.2. Identify and assess international technology opportunities for strategic fit and importance to the DAF.
- 2.21.3. Assist in developing IAC agreement documentation and support execution as required to meet US national interests (e.g., subject matter expertise, standardization, advice and consultation, etc.).
- 2.21.4. Coordinate and consolidate responses on SAF/IA calls for ICR&D, CWP, and FCT proposals.
- 2.21.5. Provide information to SAF/IAPC and SAF/IARS on alternative foreign systems, equipment, or technologies that can be evaluated, through the T&E process, to determine whether they can satisfy DAF requirements and offer advantages in cost, schedule, or performance.
- 2.22. HQ DAF Offices, DRU and Field Operating Agency (FOA) Commanders or Lead Civilian Authority will:
- 2.22.1. Serve as the central conduit for all DDLs, prior to entry into SAF/IAPD.
- 2.22.2. Identify and assess international technology opportunities for strategic fit and importance to the DAF. (T-2)
- 2.22.3. Assist in developing IAC agreement documentation. (T-2)

2.22.4. Coordinate and consolidate responses on SAF/IA calls for ICR&D, CWP, and FCT proposals. (T-2)

2.22.5. Provide information to SAF/IAPC and SAF/IARS on alternative foreign systems, equipment, or technologies that can be evaluated, through the T&E process, to determine whether they can satisfy DAF requirements and offer advantages in cost, schedule, or performance. (T-2)

3. IAC Agreements. The IA is the enabler for DAF organizations to pursue a cooperative partnership. IAs can range from small S&T efforts to multi-million-dollar, multinational projects or programs. Regardless of the activity, IAs are predicated on mutual and equitable sharing of effort, cost, and risk' and share the resulting information, equipment, or other benefits equitably. The participants commit to these arrangements in formal IAs denominated variously as a Memorandum of Understanding (MOU), a Memorandum of Agreement (MOA), a Project Agreement or Project Arrangement, an Equipment and Material Transfer Arrangement (E&MTA), a Test and Evaluation Program (TEP) Agreement, or other similar type of mechanism. IAs can be concluded (signed) with one or more foreign governments or with an international organization; subject to appropriate delegations and approvals within the DAF, DoD, and Department of State, when required. The appropriate IA typology depends upon the nature of the cooperative effort. IAs require a written final report upon project completion to enable the USAF to capitalize on lessons learned. AFMAN 16-114 contains further information about the staffing and authority to process IAs. The following non-exhaustive list provides a brief description of the most common types of IAs.

3.1. The MOA/MOU is an overarching agreement that can be utilized to address the full range of development and acquisition activities, from basic research to production and cooperative logistics. Proponents for an IAC effort may seek to establish an MOA/MOU to focus on a specific program or to serve as a framework (master) agreement enabling several phases or projects which are determined in PAs subordinate to the MOA/MOU.

3.2. PAs are implementing arrangements, not stand-alone agreements, associated with a framework agreement such as an MOU/MOA. PAs detail the provisions of collaboration on specific projects between two or more participants. The PA details the project objectives, scope of work, management structure, financial arrangements, contractual arrangements, security classification, and any additional, specific provisions that are not addressed in the associated MOU/MOA. A large-scope, long-duration (LSLD) PA is a PA variant that allows for a broader scope of work within a distinct technology area while ensuring the legal, statutory, financial, and security requirements of an IA continue to be met. LSLD PAs require additional oversight and have certain limitations. Thus, they should only be pursued when sufficient need and justification are present.

3.3. E&MTAs provide a means for the DAF to loan or borrow defense equipment or materiel for RDT&E purposes. Under the provisions of Section 65 of the Arms Export Control Act (Title 22 USC. § 2796d, *Loan of materials, supplies, and equipment for research and development purposes*), the USAF may enter into bilateral loan agreements with a country that is a NATO member nation or major non-NATO ally, as designated under Section 517 of the Foreign Assistance Act (Title 22 USC. § 2321k), to loan, or accept as a loan or gift, selected material, equipment, and supplies without charge for cooperative RDT&E purposes. However, the DAF cannot expend any funds in support of such a loan. The sharing of test results or exchange of technical information generated from the use of the loaned equipment represents equitability for these no-cost loans. The loan of equipment may also be part of an MOA/MOU or PA for cooperative development purposes.

3.4. Developmental and Operational T&E agreements pertain to test and evaluation activities of fielded, or soon to be fielded, operational systems and are implemented through a framework MOU/MOA. T&E MOU/MOAs establish the broad terms and conditions for reciprocal and/or cooperative T&E-related projects, information exchange, working group formation, project equipment transfers, and familiarization visits with corresponding annexes to the MOU/MOAs that can be developed and signed between two or more partners. Acquisition or production programs and the provision of educational and training services are outside the scope of T&E MOUs/MOAs.

3.5. Information Exchange Annex (IEA)/Data Exchange Annex (DEA). IEAs are annexes to specific framework agreements and are developed for the exchange of RDT&E information on a reciprocal, balanced basis such that the RDT&E information exchanged between parties will be of approximately equivalent value. These annexes identify data associated with specific technology areas that can be exchanged and often involve the exchange of reports, technical documents, and related information.

3.6. Working Group (WG) Terms of Reference (TOR). A WG TOR establishes the parameters for information exchange between two or more parties for the purpose of exploring potential collaborative RDT&E efforts or for harmonizing RDT&E program requirements between the parties. WG TORs may be established as a stand-alone document or as a subordinate document under an MOA/MOU.

4. IAC Programs. SAF/IA administers a series of IAC programs available to the DAF.

4.1. The Foreign Comparative Testing (FCT) program tests and evaluates foreign Non-Developmental Items (NDI) that demonstrate potential to satisfy US military requirements. The OUSD R&E FCT office plans, programs, and budgets for FCT program funding and selects candidate projects endorsed by the DAF.

4.2. The International Cooperative Research and Development (ICR&D) Program is governed by Title 10 USC. § 2350a, *Cooperative research and development agreements: NATO organizations; allied and friendly foreign countries*. The ICR&D program provides US seed funding to DAF R&D components to leverage international cooperative opportunities with NATO allies, NATO organizations, major non-NATO allies, and Friendly Foreign Countries (FFCs) to enhance conventional defense capabilities, improve interoperability, address strategic technology gaps, and build and sustain defense partnerships. SAF/IAPC plans, programs, and budgets the DAF ICR&D Program.

4.3. The Coalition Warfare Program (CWP) is authorized pursuant to Title 10 USC. § 2350a and Title 22 USC. § 2767, *Authority of President to enter into cooperative projects with friendly foreign countries* (Section 27 of the Arms Export Control Act. The CWP is a supplemental RDT&E funding program administered by Assistant Secretary of Defense for Industrial Base Policy/International Cooperation (ASD(IBP)/IC) for DoD organizations to conduct cooperative research and development projects with foreign partners. It enhances and increases coalition capabilities in support of operational, technological, or political objectives. The CWP supports DoD acquisition goals by supporting national strategic guidance outlined in national security and national defense strategies; assisting program offices in converting US-only projects to coalition solutions; influencing coalition interoperability, addressing combined operations requirements early to avert risks and avoid costs associated with adding requirements later in the acquisition process; enabling US DoD access to cutting edge technology; providing significant cost savings; and maintaining a strong R&D base. Additionally, the program addresses the OUSD(R&E) critical technology areas.

4.4. The International Activities Program Element provides funding to establish, sustain, expand, and enhance mutually beneficial international partnerships through the implementation of air, space, and cyber IAC agreements. These funds are used to explore, develop, negotiate, and conclude IAs that significantly improve US and allied conventional defense capacity and capabilities; accelerate the availability of defense systems; realize solutions to meet capability gaps; acquire, upgrade, sustain, and/or support common or interoperable equipment with our allies and partners; create cooperative acquisition, production, or logistic partnerships; promote mutual and equitable sharing of effort, cost, information, and risk; provide operational access; leverage economies of scale; and promote interoperability and commonality with our allies and partners. SAF/IAPC plans, programs, and budgets the International Activities Program.

KELLI L. SEYBOLT
Deputy Under Secretary of the Air Force
International Affairs

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

Title 10 USC. § 2350a, *Cooperative research and development agreements: NATO organizations; allied and friendly foreign countries*

Title 22 USC. § 2767, *Authority of President to enter into cooperative projects with friendly foreign countries*

Title 22 USC. § 2796d, *Loan of materials, supplies, and equipment for research and development purposes*

National *Defense Strategy (NDS)*, 11 March 2022

National *Military Strategy (NMS)*, 8 May 2023

DoDD 5000.01, *The Defense Acquisition System*, 9 September 2020

DoDD 5230.20, *Visits and Assignments of Foreign Nationals*, 22 June 2005

DoDI 2010.06, *Materiel Interoperability and Standardization with Allies and Coalition Partners*, 29 July 2009

DoDI 5000.02, *Operation of the Adaptive Defense Acquisition System*, 23 January 2020

DoDI 5200.39, *Critical Program Information (CPI) Identification and Protection Within Research, Development, Test, and Evaluation (RDT&E)*, 28 May 2015

DoDI 5230.28, *Policy for Low Observable (LO) and Counter Low Observable (CLO) Programs (U)*, 28 December 2016

DoDI 5530.03, *International Agreements*, 4 December 2019

DoDI 7000.14, *Department of Defense Financial Management Policy*, 10 August 2020

AFI 33-322, *Records Management and Information Governance Program*, 23 March 2020

DAFI 51-403, *International Agreements*, 8 February 2019

DAFI 63-101/20-101, *Integrated Life Cycle Management*, 16 February 2024

DAFPD 16-1, *Security Cooperation*, 9 May 2023

AFMAN 16-114, *Participation in International Armaments Cooperation (IAC) Programs*, 23 October 2018

DAFMAN 16-201, *Department of the Air Force Foreign Disclosure and Technology Transfer Program*, 19 January 2021

Prescribed Forms

None

Adopted Forms

DAF Form 847, *Recommendation for Change of Publication*

Abbreviations and Acronyms

ACAT—Acquisition Category

AFI—Air Force Instruction

AFMAN—Air Force Manual

AFPD—Air Force Policy Directive

ASD(IBP)/IC—Assistant Secretary of Defense for Industrial Base Policy/International Cooperation

CCMD—Combatant Command

CPI—Critical Program Information

CRADA—Cooperative Research and Development Agreement

CWP—Coalition Warfare Program

DAF—Department of the Air Force

DAFMAN—Department of the Air Force Manual

DoD—Department of Defense

DoDD—Department of Defense Directive

DoDI—Department of Defense Instruction

DRU—Direct Reporting Unit

FCT—Foreign Comparative Testing

FLDCOM—Field Command

HQ USAF—Headquarters USAF

IA—International Agreement

IAC—International Armaments Cooperation

ICAT—International Cooperative Agreement Team

ICR&D—International Cooperative Research and Development

LO/CLO—Low Observable/Counter Low Observable

MAJCOM—Major Command

MOA—Memorandum of Agreement

MOU—Memorandum of Understanding

NATO—North Atlantic Treaty Organization

OPR—Office of Primary Responsibility

PE—Program Element

R&D—Research and Development

RDT&E—Research, Development, Test, and Evaluation

T&E—Test and Evaluation

USAF—United States Air Force

USC.—United States Code

USSF—United States Space Force

Office Symbols

AF/TE—Director, Air and Space Test and Evaluation

AF/A3—Deputy Chief of Staff, Operations

AF/A5/7—Deputy Chief of Staff, Air Force Futures

SF/S3—Deputy Chief of Space Operations for Operations, Cyber, and Nuclear

SF/S5/8—Deputy Chief of Space Operations, Strategy, Plans, Programs, and Requirements

SAF/AQ—Assistant Secretary of the Air Force for Acquisition, Technology and Logistics

SAF/AQL—Assistant Secretary of the Air Force for Acquisition, Technology and Logistics, Special Programs

SAF/FM—Assistant Secretary of the Air Force, Financial Management and Comptroller

SAF/GC—Air Force General Counsel

SAF/IA—Deputy Under Secretary of the Air Force, International Affairs

SAF/IAP—Deputy Under Secretary of the Air Force, International Affairs, Director of Policy, Programs & Strategy

SAF/IAPA—Deputy Under Secretary of the Air Force, International Affairs, International Airman Division

SAF/IAPC—Deputy Under Secretary of the Air Force, International Affairs, Armaments Cooperation Division

SAF/IAPD—Deputy Under Secretary of the Air Force, International Affairs, Foreign Disclosure & Technology Transfer Division

SAF/IAPR—Deputy Under Secretary of the Air Force, International Affairs, Programing and Resources Division

SAF/IAPS—Deputy Under Secretary of the Air Force, International Affairs, Strategy and Plans Division

SAF/IAPW—Deputy Under Secretary of the Air Force, International Affairs, Weapons Division

SAF/IAR—Deputy Under Secretary of the Air Force, International Affairs, Director of Regional Affairs

SAF/IARS—Deputy Under Secretary of the Air Force, International Affairs, Director of Regional Affairs, Space Division

SAF/IE—Assistant Secretary of the Air Force for Energy, Installations & Environment

SAF/SQ—Assistant Secretary of the Air Force for Space Acquisition

OUSD (A&S)—Office of the Under Secretary of Defense for Acquisition and Sustainment

OUSD (R&E)—Office of the Under Secretary of Defense for Research and Engineering

Terms

Conclude—The act of signing, initialing, responding, or otherwise indicating the acceptance of an international agreement by the US

International Agreement (IA)—Any agreement concluded with one or more foreign governments (including their agencies, instrumentalities, or political subdivisions) or with an international organization, that:

(1) Is signed or agreed to by any DoD Component, or by representatives of the Department of State (DOS) or any other Department or Agency of the US Government,

(2) Signifies the intention of the parties to be bound in international law.

(3) denominated as an IA or as an MOU, MOA, memorandum of arrangements, exchange of notes, exchange of letters, technical arrangement, protocol, note verbal, aide memoir, agreed minute, contract, arrangement, statement of intent, letter of intent, statement of understanding, or any other name connoting a similar legal consequence. This includes any implementing agreement or arrangement, annex, project agreement or arrangement, or other subsidiary arrangement to a master agreement or arrangement. Any oral agreement that meets the criteria of this definition is an international agreement. See additional aspects of this term in DODI 5530.03 and AFI 51-403. (See additional aspects of this term in DoDD 5530.3 and AFI 51-701)

Interoperability—The ability of systems, units, or forces to provide data, information, material, and services to and accept services from other systems, units, or forces and to use the data, information, material, and services so exchanged to enable them to cooperate effectively together.

Program Executive Officer (PEO)—The individual dedicated to executive management and supervision of a portfolio of mission-related Acquisition Category (ACAT) and selected programs. The PEO shall be chartered by and is accountable to the Service Acquisition Executive (SAE).

Program Manager (PM)—The DoDD 5000.01-designated individual with responsibility for and authority to accomplish program objectives for development, production, and sustainment to meet the user's operational needs. The PM for programs shall be accountable for credible cost, schedule, performance, and materiel readiness. ACAT I and ACAT II PMs shall be approved by the SAE and the PEO. Delegated ACAT II and III PMs shall be approved by the PEO.

Proponent—The person who will be advocating for and developing the necessary documentation to establish an international agreement. The person may be from a FLDCOM, MAJCOM, HQ USAF, HQ USSF, or other DAF Organization.