ALL-DOMAIN ANOMALY RESOLUTION OFFICE

The US Defense Department & the UAP Mission

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—UAP ≠ unattributed balloon activity; key emphases on "anomalous" factors

---Existence of UAP is direct consequence of **domain-awareness gaps**

—UAP potentially represent **advanced capabilities** operating in our domain-awareness gaps UNIDENTIFIEDUAPANOMALOUSmore domaPHENOMENAnot yet attr111

UAP are sources of anomalous detections in one or more domain (i.e., airborne, seaborne, spaceborne, and/or transmedium) that are not yet attributable to known actors and that demonstrate behaviors that are not readily understood by sensors or observers.

> "Anomalous detections" include but are not limited to phenomena that demonstrate apparent capabilities or material that exceed known performance envelopes.

A UAP may consist of one or more unidentified anomalous objects and may persist over an extended period of time.

The FY23 NDAA modified and expanded on the previous year's UAP provisions, affecting authorities, organization, and reporting-requirements.

----Established AARO as US Government lead for UAP efforts

—Amends structure, distribution of responsibilities

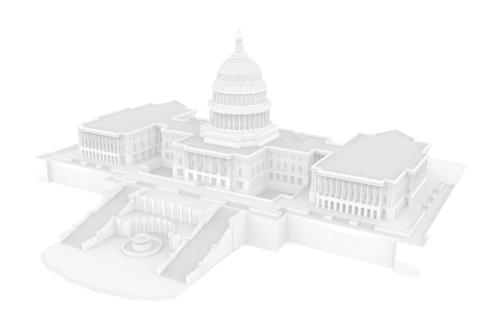
-Requires annual report to be a joint, DoD & ODNI submission

—Adds Historical Record Report

-Adds UAP reporting procedures/protections

—Increases number of **congressional committees** overseeing AARO activities

---Revises UAP acronym to stand for unidentified anomalous phenomena





3

ALL-DOMAIN ANOMALY RESOLUTION OFFICE

Mission, Vision, & Functions

AARO emerged from Congressional and Departmental recognition that UAP present complex hazards and threats across service, regional, and domain boundaries.

	MISSION: minimize technical and intelligence surprise, by synchronizing scientific, intelligence, and operational detection, identification, attribution, and mitigation of unidentified, anomalous objects in the vicinity of national security areas		VISION: unidentified, anomalous objects are effectively and efficiently detected, tracked, analyzed, and managed by way of normalized DoD, IC, and civil business practices; by adherence to the highest scientific and intelligence-tradecraft standards; and with greater transparency and shared awareness		
	OPERATIONS	SCIENCE & TECHNOLOGY	ANALYSES	STRATEGIC COMMUNICATIONS	
	synchronizing and sequencing Theater, IC, and other capabilities for optimized, cross-functional UAP detection, tracking, mitigation, and recovery	revealing and exploiting elusive and enigmatic signatures through advanced technologies and focused, cross-sector partnerships	delivering peer-reviewed conclusions through deliberate syntheses of scientific and intelligence method, tradecraft, tools, and expertise	driving shared awareness across mission partners, oversight authorities, and stakeholders—normalizing cross-sector partnerships and building trust with transparency	
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The potentially **ubiquitous presence** of UAP defines the national-security implications and drives the **broad range** of **stakeholders** and demand for rigorous **scientific understanding** of and intelligence on phenomena



US Territory & Operating Areas

- —DoD observations and reporting of UAP most often in the vicinity of US military facilities and operating areas
- —Threats to the immediate safety of US citizens and Government facilities, across domains, is priority
- —Safety and security risks of UAP heighten US Government awareness and drives research and mitigation efforts

US Strategic Capabilities

- Reporting on UAP proximity to strategic capabilities and critical infrastructure primarily historical; analysis limited by information currency and source reliability
- Consequence of UAP in the vicinity of strategic capabilities is high, potentially threatening strategic deterrence and safety of civil society
- —DoD strengthening observations and reporting capabilities near US strategic capabilities and critical infrastructure

Foreign Territory & Operating Areas

- Reporting on UAP activity in foreign territory or operating areas limited by source reliability
- ---Consequence of such moderate-tohigh, potentially leading to adversarial misattribution of UAP to the United States
- —Allies and strategic competitors apply resources to observe, identify, and attribute UAP <u>(open source)</u>

- Key partners and stakeholders include DoD, IC, DoJ, NASA, FAA
- Key partners and stakeholders include DoD, IC, DoE and NNSA, DoJ, DHS
- Key partners and stakeholders include DoD, IC, STATE, international partners

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INTEGRATED OPERATIONS STRATEGY

Leads Integrated-Operations Strategy development-tailoring platform and sensor tasking and optimizing cross-functional tipping & cueing between Theater and IC assets.

Guides development of integrated-operations plans; standardized reporting requirements; interoperable tactics, techniques, and procedures; and operational prioritization of platforms and sensors.

HISTORICAL UAP-DATA ACQUISITION

Organically garners primary research data for scientific and intelligence analyst consumptionthrough voluntary interviews with those who claim placement and access to UAP and UAP-related information; through collection of historical government and opensource data; and through other activities.

UAP DETECTION & TRACKING

Advises Theater, Defense, National-level, and foreign UAP operations—optimizing platform and sensor tasking across functions and in realtime, during Area of Responsibility (AoR) baselining and as anomalies are detected, observed.

Manages the secure retention of UAP Data from operational platforms and its transfer to AARO.

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UAP MITIGATION

Partners with Joint Staff and counterintelligence elements in the development of UAP mitigation strategies- including but not limited to UAP incursions and engagement

TARGET

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Advises Commands on AoR-specific UAP mitigation planning; on tactics, techniques, and procedures; and on relevant legal, policy, oversight, and compliance requirements.

REPORTING REQUIREMENTS MGT

Guides codification of analytic information needs as reporting requirements by scientific and intelligence analysts

Military operational elements, IC Mission Managers, and IC Functional Managers identify capabilities, capacities, and constraints available for reporting against scientific and intelligence analytic needs

UAP OBJECT RECOVERY

Leads UAP recovery planning and execution, in close collaboration with AARO S& T Group.

Advises Commands on the secure and safe handling, storage, transport, and transfer of UAP Objects and Material, for AARO S&T exploitation.

INTEGRATED ANALYTIC STRATEGY

Leads an integrated DoD, IC, and S&T community process that employs rigorous tradecraft, sophisticated scientific methods, and an expert peer review to resolve cases with the highest confidence levels possible

AARO

PRELIMINARY ANALYSES

Compare location, characteristics, performance and signature data to open source and classified catalogues of known foreign capabilities and R&D programs; deconflict with sensitive US programs and activities; triage, categorize, and store for further analysis

SCIENTIFIC ANALYSES

Public, private, and industry laboratory partners leverage scientific and engineering methods and cutting-edge computing technologies to publish peer-reviewed, forensic, repeatable research on anomalous UAP signatures and material

INTELLIGENCE ANALYSES

Mission partners' defense, intelligence, and counterintelligence analysts employ intelligence tradecraft against all-source data, to produce rigorous analyses of UAP implications to US National Security

Publication and Feedback

Publishes and distributes final, peer-reviewed AARO Analytic Assessment in a manner discoverable by DoD, IC, policymakers, and other stakeholders

Provides conclusions and feedback to UAP reporting sources (i.e., UAP observers)

Director's Review

The Director will review all elements of the Analytic Assessment Case Package and the peer review findings to either approve the Assessment's determination or disapprove it and send back to the IC and S&T Teams for additional analysis



ANALYTIC PEER-REVIEW

Assessment Case Package including

original reports, sensor data, IC and

assessments. As necessary, convene

analytic difference. Package will be

Strategic Technical Advisory Group

both teams to discuss significant

reviewed by members of the

for rigor, tradecraft, gaps, assumptions and argumentation

Prepare the AARO Analytic

S&T findings and analytic

CAPABILITIES DEPLOYMENT

SCIENCE 8

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In close collaboration with AARO Operations and with research partners (e.g., DoE laboratories), integrates emergent technical capabilities into "real-world" operations and guides their application against UAP Comparatively analyzes newlyexposed signatures, characteristics, and behaviors with known phenomena, in support of AARO Analysts' preliminary assessment

UAP EXPLOITATION

Directs exploitation of recovered enigmatic technologies, leveraging cross-sector partnerships and the latest developments in theoretical and applied physics, engineering

Leads structured recording, synthesis, and sharing of signature and material analyses for data consistency across operational, analytic, and research partnerships

CAPABILITY GAP ID

DoD operational, analytic, and investigative elements, IC Mission Managers, and IC Functional Managers identify capability and capacity shortfalls, as they pertain to UAP detection, identification, attribution, and mitigation

Sensor and exploitation instrumentation needs and gaps codified as capability requirements by AARO Operations and Analyses

INTEGRATED SCIENCE & TECHNOLOGY STRATEGY

Leads Integrated S& T Strategy development revealing elusive signatures, advanced technological-exploitation tools and methods, and non-traditional partnership opportunities to arm the UAP Mission against emerging threats

UAP SIGNATURE ID

Strategies

CAPABILITIES DEVELOPMENT

Leads defense, intelligence,

identification of existing and

emergent technology capable of

detecting, identifying, attributing,

Identifies, approves, and guides

investments from across sectors;

recommends capability integration

mitigating, and exploiting UAP

Research & Development

into Integrated UAP Mission

academic, and industry

In partnership with the scientific community and the AARO Strategic Technical Advisory Group, analyzes US and foreign sensor data phenomenology and assesses applied and theoretical signatures Leads development of theorems for defining characteristics of known and anomalous phenomena, and guides operational and analytic tradecraft development



AMERICAN-PUBLIC ENGAGEMENT

Implements the Department's commitment to transparency and openness on UAP matters. Identifies and recommends opportunities for countering misconceptions and raising awareness of the Department's UAP mission via targeted media, partner, and public engagement.

OVERSIGHT ENGAGEMENT

Tracks Executive, Legislative, and Defense Department requirements for the UAP Mission and the Office; monitors AARO progress toward meeting those requirements; and drives development of routine and ad hoc reporting to Congress and other stakeholders within the U.S. Government.

UAP-MISSION COMMS REQ

Identifies new and ongoing opportunities for strategic communications engagement across AARO"s mission functions; to include key stakeholder needs, expectations, and areas for collaboration.

INTEGRATED STRATEGIC-ENGAGEMENT STRATEGY

Leads the development of an integrated engagement strategy on UAP that promotes shared awareness across mission partners, oversight authorities, and other stakeholders; builds trust and transparency; and normalizes cross-sector partnerships.

UAP-MISSION PARTNER ENGAGEMENT

Guides AARO partner engagement, ensuring unity of message, consistency, and coherence among defense, civil, private, and international partners.

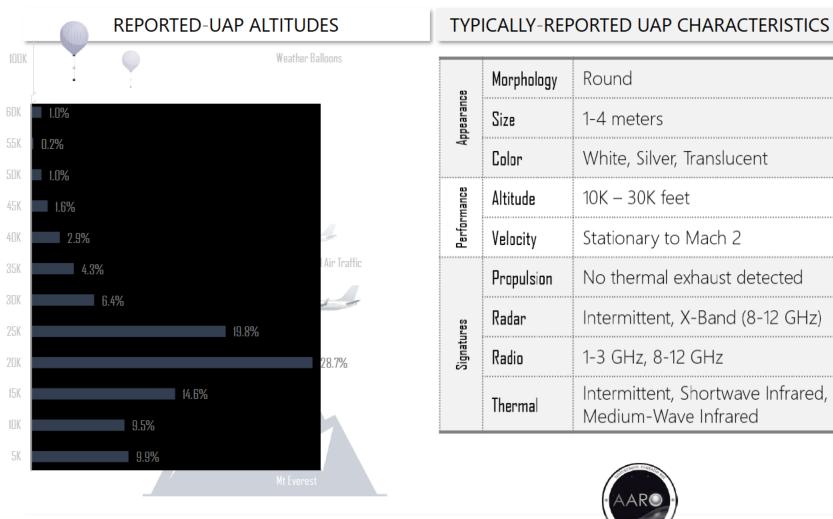


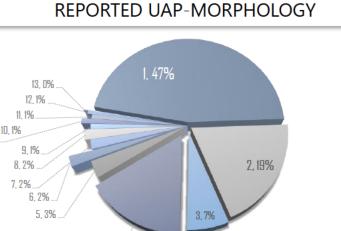
Unidentified Anomalous Phenomena

ALL-DOMAIN ANOMALY RESOLUTION OFFICE

UAP Reporting Trends

1996-2023







REPORTED-UAP HOTSPOTS



10

ALL-DOMAIN ANOMALY RESOLUTION OFFICE

Office Goals & Priorities: 2023

ORGANIZATIONAL MANAGEMENT	OPERATIONS	ANALYSES	SCIENCE & TECHNOLOGY	STRATEGIC COMMUNICATIONS
 Formalize organizational design, responsibilities 	 Establish the Department's UAP- reporting standards 	 Develop thresholds, criteria for anomalous determinants of each domain 	 Develop comprehensive, searchable UAP database 	• Establish interagency coordination on UAP public messaging
 Codify and staff unit manning document to full-operating capability 	 Drive implementation of operational framework 	 Guide UAP collection and reporting, through cogent 	 Guide architecture and network engineering 	 Engage partners and allies about AARO's work and mission
 Develop foundational, DoD and IC UAP policies, guidance 	 Guide development and deployment of persistent-surveillance capabilities 	operational and intelligence reporting requirements	 Drive scientific analyses—including compliance with the scientific method, use of advanced 	 Establish secure mechanism for reporting of any event related to UAP and any event of the U.S.
 Receive full complement of support contractors 	 Normalize ingestion, curation, and integration of multi-source UAP data 	 Drive implementation of analytic framework—including compliance with intelligence tradecraft standards, 	approaches and tools, and rigorous peer-review	government related to UAP retrieval, analysis, engineering
 Arrange for FY25 transition to ARRO-specific IDIQ vehicle 	 Guide Joint Staff development of UAP mitigation and response 	● Institutionalize UAP case-	 Identify UAP signatures and indicators 	 Educate and inform the public AARO's mission and findings, in line with DoD public statements
 Build AARO budget requirements into FY25 PBR 	standards and plansStreamline deconfliction of	management—including transitioning cases to cognizant expertise and authorities	 Guide calibration of military, intelligence, and other sensors, for improved detection of UAP 	(e.g., NASA study public meeting (May '23); open congressional hearing (April '23); Transportation Research Board (Dec '23); and DoD UAP press
	 detected UAP and blue programs Review US Government's UAP and 	 Enable mission oversight by providing Congress with timely, 	 Draw upon special expertise 	event (Dec '22)) Issue clear, public guidance for accessing mechanism for UAP
	UAP-related historical record	relevant, and comprehensive UAP updates	outside of the Federal Government for development of theoretical	reporting
	 Guide development of policies and practices for UAP-data and analyses downgrade/declassification 		models	
	 UAP addition to intelligence prioritization 			



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