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For Open Publication  
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Department of Defense  
OFFICE OF PREPUBLICATION AND SECURITY REVIEW

ALL-DOMAIN ANOMALY RESOLUTION OFFICE

# The US Department of Defense & the UAP Mission

*Seán Kirkpatrick, Ph.D.*

*Director*

All-Domain Anomaly Resolution Office  
Chief of Staff, AARO  
Authority: FY24 NDAA, now codified at 44 U.S.C. 2107  
Date: 2/6/2025  
Released in Full: X  
Case Number: 330UAP000030

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Reviewed by Chief of Staff, AARO  
IAW FY24 NDAA, Section 1841(a)(1)(C)  
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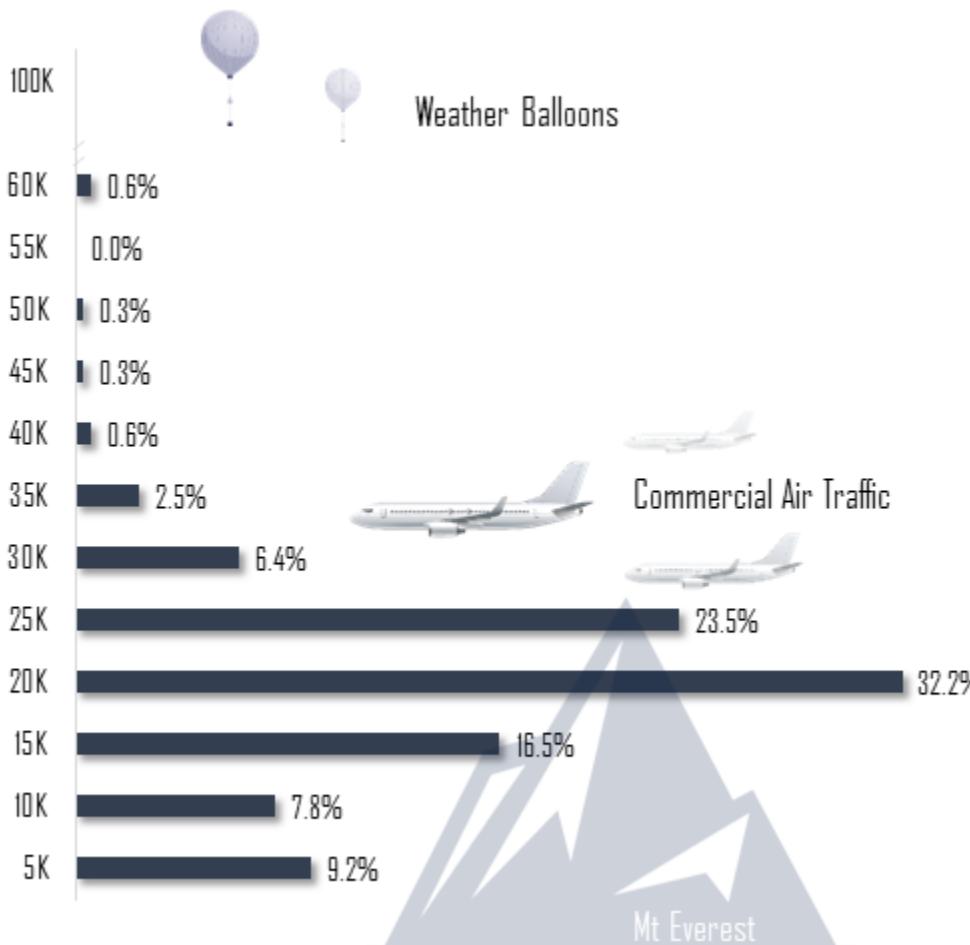
## ALL-DOMAIN ANOMALY RESOLUTION OFFICE

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## UAP Reporting Trends

1996-2023

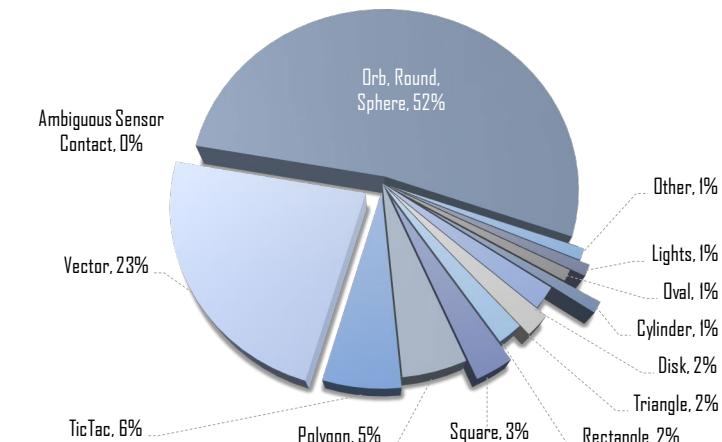
## REPORTED-UAP ALTITUDES



## TYPICALLY-REPORTED UAP CHARACTERISTICS

| Appearance  | Morphology | Round, Atypical Orientation                            |
|-------------|------------|--|
|             | Size       | 1-4 Meters   |
| Performance | Color      | White, Silver, Translucent                             |
|             | Altitude   | 10k - 30k feet   |
| Signatures  | Velocity   | Stationary to Mach 2                                   |
|             | Propulsion | No thermal exhaust detected                            |
| Radar       |            |  |
|             |            | Intermittent, X-Band (8-12 GHz)                        |
| Radio       |            |  |
|             |            | 1-3 GHz, 8-12 GHz                                      |
| Thermal     |            |  |
|             |            | Intermittent, Shortwave Infrared, Medium-Wave Infrared |

## REPORTED UAP-MORPHOLOGY



## REPORTED-UAP HOTSPOTS



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## Middle East, 2022: MQ-9 observed apparent spherical UAP via electro-optical sensors

030



CHARACTERISTICS PERFORMANCE SIGNATURES BEHAVIOR EFFECTS

- UAP characteristics and behavior consistent with other “metallic orb” observations in the region
- No demonstration of enigmatic technical capabilities and no apparent threat to airborne-asset safety

- Case in “**active archive**,” pending discovery of additional data
- AARO uses active-archive cases for trend and statistical analyses

**UNRESOLVED,  
IN ACTIVE-ARCHIVE**



Middle East UAP, unresolved (U)

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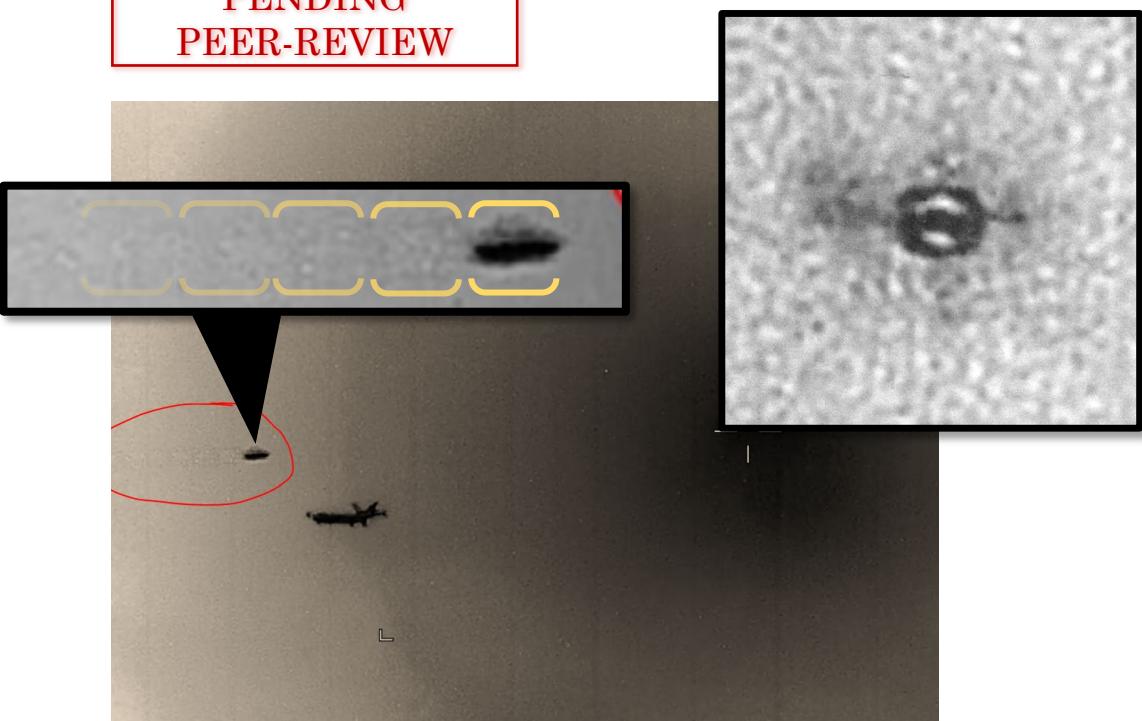
## South Asia, 2023: MQ-9 observed UAP object apparently tailed by potentially-anomalous atmospheric wake



CHARACTERISTICS PERFORMANCE SIGNATURES BEHAVIOR EFFECTS

- Phenomenon observed in other forward-looking infrared, full-motion video by same platform
- The “trail” appears to be cavitation, similar to those caused during propulsion
- Visible trail is a camera-software artifact
- Video-compression algorithms overlay captured image on previous frame and resolve differences in the gray, infrared gradient
- Analyses of the morphology and traffic-control data suggest the object is **commercial aircraft** transiting known flight paths
- Analyses pending peer-review of mission-partners’ analytic findings

PENDING  
PEER-REVIEW



South Asia UAP observed with apparent wake, likely resolved as commercial airliner and video-compression artifact, respectively (U)

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