

ALL-DOMAIN ANOMALY RESOLUTION OFFICE

# The US Department of Defense & the UAP Mission

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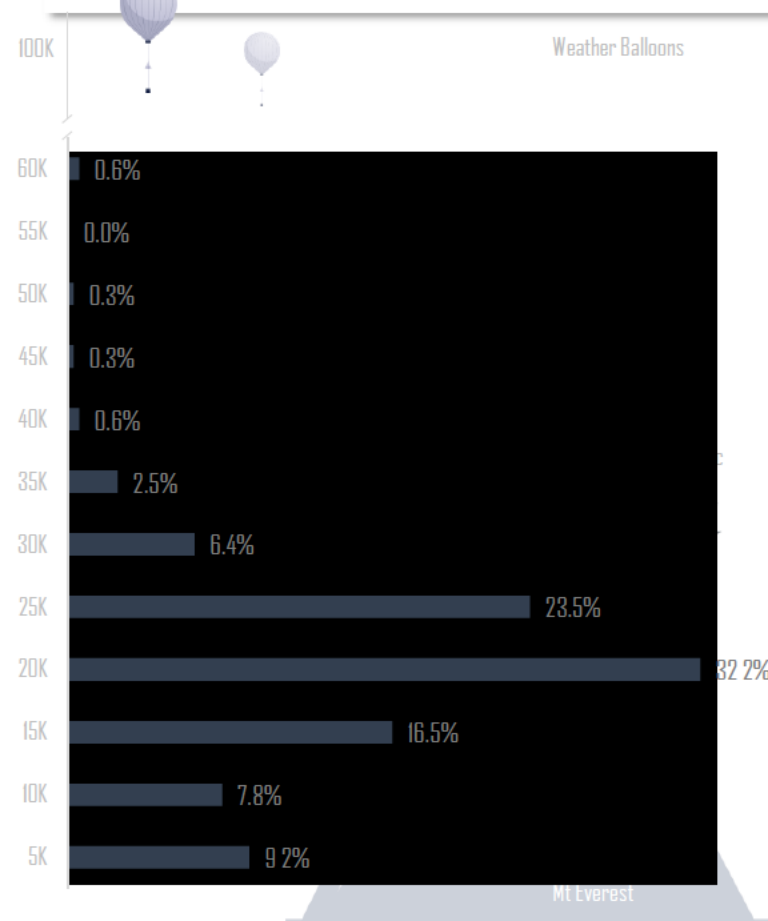
US Department of Defense



# UAP Reporting Trends

1996-2023

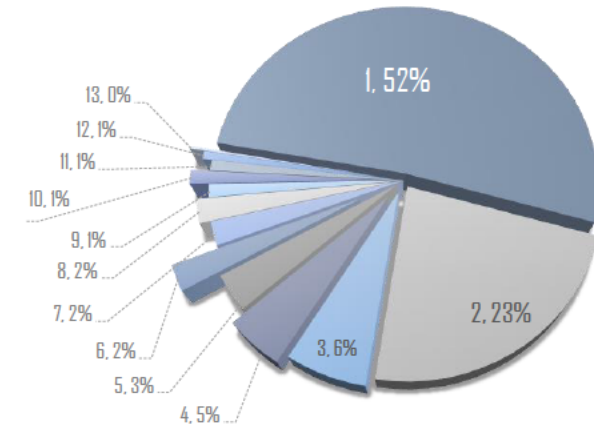
## REPORTED-UAP ALTITUDES



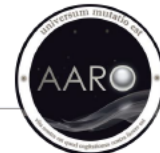
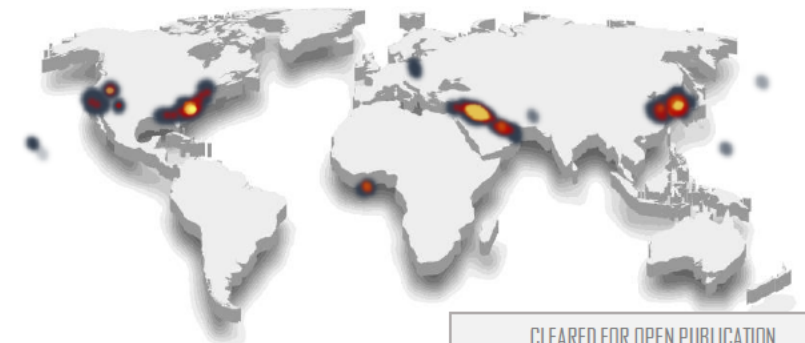
## TYPICALLY-REPORTED UAP CHARACTERISTICS

Appearance	Morphology	Round, Atypical Orientation
	Size	1-4 meters
	Color	White, Silver, Translucent
Performance	Altitude	10K – 30K feet
	Velocity	Stationary to Mach 2
Signatures	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



CLEARED FOR OPEN PUBLICATION  
 APR 17, 2023  
 Department of Defense  
 Office of Prepublication and Security Review



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

UNRESOLVED,  
IN ACTIVE-ARCHIVE



CHARACTERISTICS

PERFORMANCE

SIGNATURES

BEHAVIOR

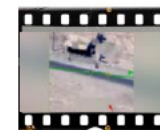
EFFECTS

- 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



Middle East UAP, unresolved (U)





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

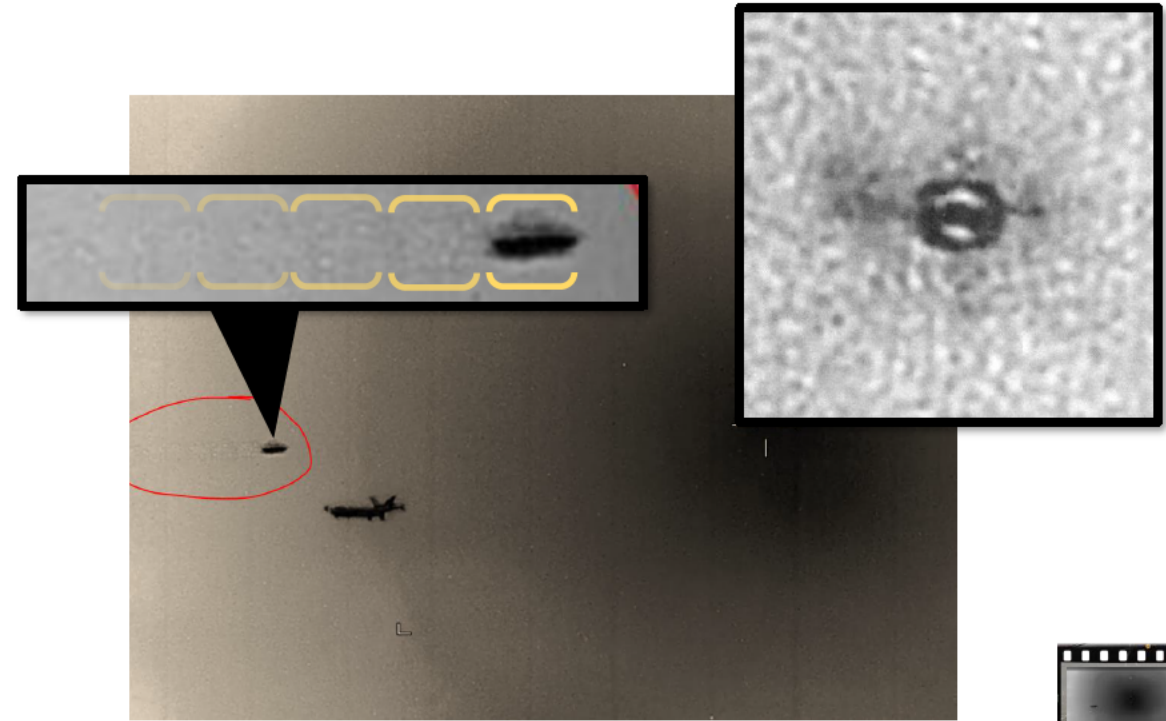
PENDING  
PEER-REVIEW



- 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



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



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