

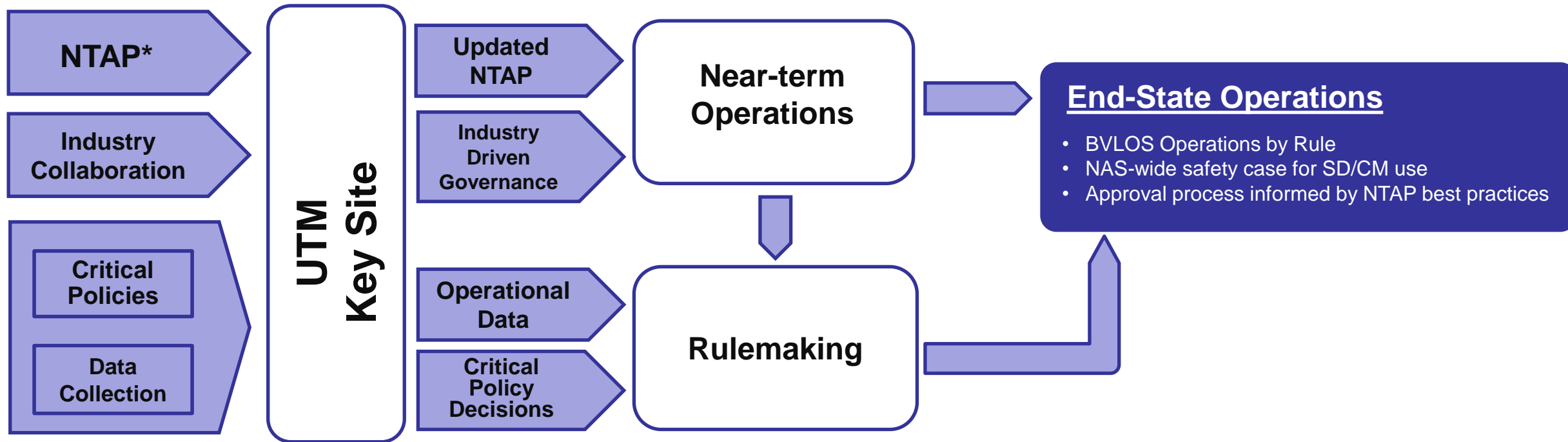
# UTM – FAA’s Next Steps

## Drone Enabled 2023



**Federal Aviation  
Administration**

# Background



\*NTAP – Near Term Approval Process

# Near Term Approval Process



## UTM Third Party Service Providers (3PSP)

- Process to process to permit, authorize, or allow the use of UTM services
  - Risk mitigation value for UAS operations risks
  - Expedite approvals in low-risk areas
  - Approvals for individual services
- Basis for repeatable and more rapid approvals

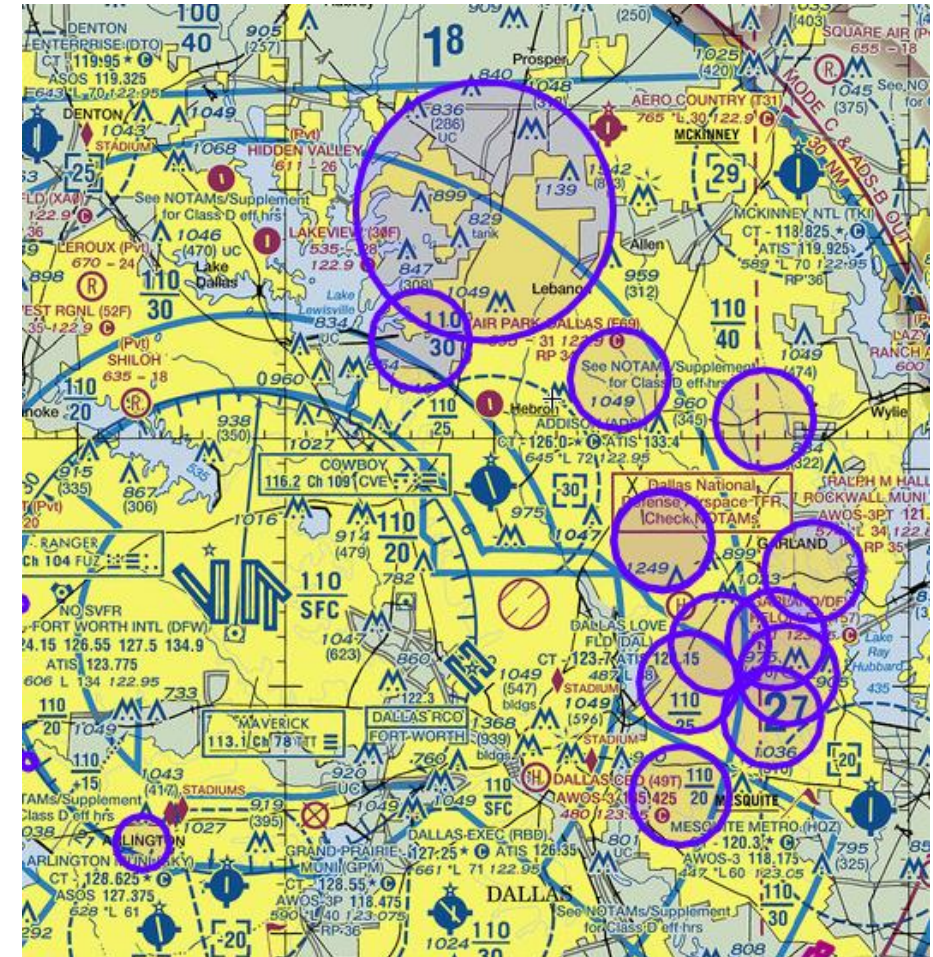
<b>3PSP NTAP</b>	Defined Approval Mechanism	Validate FAA Business Rules and Processes	Enables Near-term Operations prior to Rulemaking	One Service Provider to One Operator	Low-risk areas and operations
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# UTM Key Site Operational Eval



- Collaborative Industry / FAA activity in Dallas-Fort Worth area
  - Focused region with multiple operators and service providers
  - Leveraging NTAP processes for UTM service approvals
  - Builds on previous validation activities & Part 135 approvals
  - Leverage a federated network of services deployed by industry based on consensus standards



Purple circles: Existing UAS operations

**Gather critical data to support UTM-based strategic deconfliction as risk mitigation for BVLOS operations**



Federal Aviation Administration



# UTM Operations Outlook

## Near-term

## End-State

Validation of NTAP

Gather Data to support  
Rulemaking

UTM Key Site

Continued Ops in DFW

Repeatable approvals  
of UTM Services

Scaled operations in  
low-risk areas

Ops using NTAP

Rule Making

- BVLOS Operations by Rule
- NAS safety case for UTM services (e.g., Strategic Deconfliction)

