

## WHAT IS AMPED-UP?

AMPED-UP is a web-based collaborative mission planning capability designed for Joint All-Domain Operators. It transforms traditional methods of mission planning from whiteboards and laminated maps to an advanced digital environment.

Working from the mission objectives backwards, it allows the Joint All-Domain Force to rapidly plan using Air Operations Center (AOC) data products for operator manipulation.

AMPED-UP's 3D tactical map allows operators to iteratively build deconflicted plans while honoring other constraints such as combat air patrols (CAPs), artillery, avoidance zones and stand off weapons. AMPED-UP, designed and implemented as a service oriented architecture (SOA), enables efficient development and eases integration challenges due to its module-based implementation and open architecture.

With initial planning complete, AMPED-UP's automation allows operators to simulate the plan visualizing tactical gaps and holes and administer the development of contracts and contingencies IAW the integrated planning and employment pub.

# AMPED-UP

ADVANCED MISSION PLANNING  
EXECUTION DISTRIBUTION  
UTILIZATION PROGRAM

|           |              |          |
|-----------|--------------|----------|
| BUCKY 11  | 6115<br>6120 | 4xF-16CM |
| WITTY 21  | 6121<br>6124 | 4xF-16CM |
| STEELRAIN | !            | 2xHIMARS |
| ALLIED 51 | 6151<br>6154 | 4xF-16CM |
| FABLE 41  | 5445<br>5446 | 2xMQ-9   |
| GUNHOG 71 | 6171<br>6174 | 4xA-10C  |
| NAPKIN 41 | 6147         | 1xC-130  |
| BRYAN 41  | 6141<br>6142 | 2xC-130J |
| JAUK 21   | 6125         | 1xC-130  |
| JAUK 22   | 6126         | 1xC-130  |

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## FEATURES

- Web-based, 3D collaborative planning environment giving geographically separated crews an extraordinary level of data to manipulate quickly across the Joint community
- Open architecture design aligned with the Next Gen Mission Planning System (NGMPS), Navy Open Mission System (NOMS) and JMPS Open Mission System (JOMS)
- Mission rehearsal ensuring all participating aircrew members understand the mission and associated contingency and contract plans. Rapid iteration re-plan capability

## BENEFITS

- Transforms traditional mission planning products and processes into the digital age
- Decreases the time required to plan complex joint missions
- Enables tactical and strategic situational awareness throughout the Command and Control chain
- Allows mission products to be printed or exported to an aircrew's "Electronic Flight Bag" for in-flight use or into Joint Mission Planning Software (JMPS)/NOMS/JOMS