

# Advanced Tactical Situational Awareness



Developing integrated technologies  
for civil and military applications

**Honeywell**

# Advanced Tactical Situational Awareness (SA)

## Advanced Civil Capabilities

- Integrated Navigation / SA Display
- Digital Map (terrain, charts, photo, etc)
- EGPWS / Terrain Awareness (TAWS)
- Weather (both radar and data link)
- Display of obstacles, special use airspace, terminal airspace, hydrology (rivers, lakes and shorelines), geopolitical boundaries, airports, and Navaids.

## Advanced Tactical Capabilities

- Low level tactical missions
- Dynamic route re-planning to avoid threats
- Drop Zones
- Landing on unimproved runways / LZs
- Mission Rehearsal
- Safety warnings with military tactical modes and control features
- Integration of defensive systems
- Military data link integration (i.e. Link-16, Track II, JVMF, EPLRS, etc.)
- Discovery, publish and subscribe services to access GIG Situational Awareness information

## Growth Capabilities

- Tactical HUD
- Enhanced safety separation criteria in tactical modes based on designated 4D flight plans and mission intent
- User Modifiable Instructions Data Base
- Embedded training
- Integrated Hazard Avoidance
- Runway Alerting/Avoidance System (RAAS)

## Aerospace Electronic Systems

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Leverages Civil Aviation Integrated Navigation and SA Capabilities



Enhances Tactical SA with Synthetic Vision



Enhances Tactical SA with Integrated Navigation

