



# **GH for TC Recon Experiment in NW Pacific**

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## **What PACAF Could Bring to the Table**

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# PACAF Intent



- Mitigate the forthcoming loss of satellites/sensors in direct support of the USPACOM's JTWC mission
- Reduce JTWC forecast errors (track/intensity)
- Identify potential future mission for ADAF GH
- Gain flight sensitivity knowledge of GH around “non-standard” weather for DoD GH ISR ops
  - Validate weather support (TSTM forecast tops, turbulence, etc.)



# What PACAF could bring to the table...



- A sufficient runway, hangar and established connectivity that provides access to all corners of the Pacific
- Fuel, knowledgeable maintenance and a rapid resupply destination
- Established air routes and FAA process to include all Temporary Flight Restriction (TFR) coordination in/out of Guam and throughout the Oakland Flight Info Region (FIR)
- Surveyed IFE divert airfields
- Local operator experience for Pacific ops



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# Caveats...



- Ops support at senior O-6/GS-15 level (DoD, NWS) but BBP moving up to 4-star level (PACAF/CC), Dept's SES
- Potential for May-Nov move of AF GH ops away from Guam (Andersen AFB)
  - May actually work to experiment's advantage (space, local resources), hurt in others (contractor availability)



# Caveats...



- **Sensing strategy could change**
  - Remote sensing funds “return” and negate TC recon requirements
  
- **ISR strategy change**
  - DoD-focused GH ops could alter available support on Guam
    - Conflict, humanitarian assistance, etc.



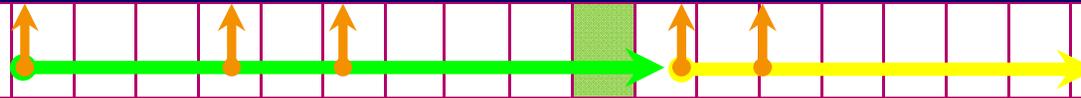
# Questions



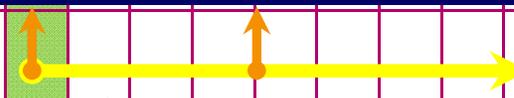
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# Passive Microwave Imager Missions

What's left in a few years after SSM/I and old R&D satellites fail



Only use "operational" US/Europe satellites



R&D satellite sensor



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Launches ↑ Primary mission *Projecting Peace, Power and Presence* Extended mission *Future*