

MPUC2K

Mission Planning User's
Conference 2000

2K



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US Navy



The Next Step

What You Can Do When You Get Home

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Map Data Storage

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- NoteBook PC's have inadequate storage
 - Unlikely to see new PC's from MAJCOM's soon
- Desktop IDE Hard Disks extremely cheap
 - 40GB Disks available for around \$275
- “Outdated” Desktops available in Squadrons
 - Pentium 90-200Mhz Machines
- Squadron Fliers buying Pentium III's
 - Older Pentium Computers gathering dust



The End Result

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- Put the Ingredients together for Squadron Map Data Repository
 - 40GB = World Wide CADRG, US CIB and DTED
 - Cost is less than \$300
 - No more looking for the correct CD, its online!
 - Every computer on the network can access the data
- More Networking Discussion Today at 1100, in Room 203



Printing Charts

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- Tools exist to go from computer to paper today
 - CMF Tool
 - FalconView 3.1 / FalconView 3.1.1
- Current Printers equal the resolution of CADRG
 - Ink Jet is low cost (initially) and portable, but slow
 - Color Laser is more expensive but much faster
- Both options are being used today



Why Print Charts

- Advantages of printing vs using paper charts
 - Current Airspace and EChum on product
 - No need to order charts before deployments
 - No need to worry about running out of charts
- What about Wartime?
 - Already have the charts you need
 - Have full range, from imagery to GNC available
 - Printouts with Threats, Rings and Masks
 - Frees crews to plan, not plot

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Threat Planning in FalconView

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- Threat Planning in FalconView is approved
 - Threat Rings have always been approved
 - Threat Masking will be approved in 3.1
- Current THR file gives current data to everyone
 - No need to have Airmen putting missiles on maps
 - ONE current data source, not several
 - No need to nag intel for 'the picture'. You already have it on your mission planning computer



Getting Data into FalconView

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- How do I get current Threat Parameters?
 - Good News! AIA is producing approved FalconView Threat parameter database, with Icons
 - Files available across the SIPRNET (**Classified**)
- How do I get current Threat locations?
 - Good News! ACC/AMC Intel have moved from UNIX (CIS) to PC (ADOCS/FV) with PCI3/FV
 - Ability to download current (**CURRENT!!!**) locations from SIPRNET, process through ADOCS and bring into FalconView automatically



Getting MORE data into Falcon View

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- MATT Radio provides “Real Time” Data
 - TACELINT vs. TDIMF Format
 - Serial Port vs. USB Port
- More information available at 1300 in Room 203



FalconView Moving Map

- FalconView Moving Map provides real S.A.
 - In use in C-130, KC-135, HH-60, B-52, B-1 etc etc
- You don't need a moving map if.....
 - You plan to fight on your local DZ or Range
 - You can monitor three radios and talk on one while still following your position on a map
 - You never plan to deviate for Threats or Weather
 - You never get cleared to a point you can't find
 - You always trust ATC for terrain clearance
 - You are invulnerable

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What can you do with a Moving Map

- Real Time Threat Feed into the Airplane
 - Feed from MATT radio into FalconView
 - In use in AC-130 Gunships
- Put FalconView on your Knee
- Use FalconView track file for debrief
 - Mission replay in FalconView / SkyView
 - Mission replay with threats using ITAS
- More Details at 1330 in GBR-C
- What Can't you do with a Moving Map?

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Five Don't

- Don't Give CD's to Allied Nations
 - PFPS through Maj Ziener (ziener@eglin.af.mil)
 - NIMA Data distro through Allied Mapping Agencies
- Don't be quiet on data problems
- Don't be quiet on software problems
- Don't be afraid to speak up to visitors
- Don't keep planning the same way next year
 - Take something back from the conference
 - Make a difference in the way your unit plans

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Five Do's

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- Report DAFIF Problems (buckwaltew@nima.mil)
- Report CADRG Problems (jacksond@nima.mil)
- Keep the data on your computers current
- Help those around you who need help
- Thank those who have helped you succeed



Questions and Answers

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