



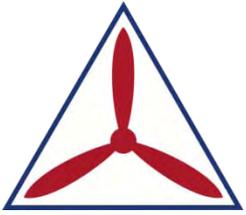
# Civil Air Patrol



## 2013 Communications Managers Meeting

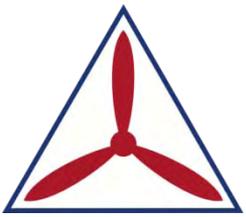


**CITIZENS SERVING COMMUNITIES**



# Introductions

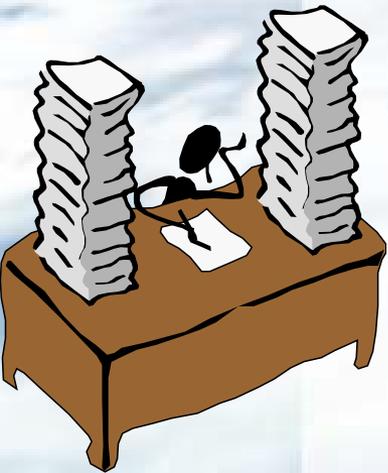


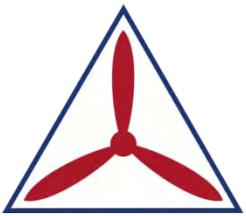


# Topics



- **NHQ staff restructuring**
- **Comm Equipment Assessment Project (aka CEDAR II)**
- **National Traffic System**
- **Comm Qualification Restructuring**
- **Mission Comm Plans**



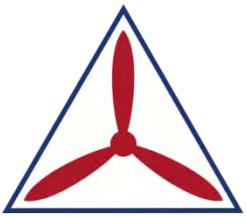


# NHQ Staff Restructuring



- Frequency Manager position deleted
- NTC Relocating to Maxwell
- Overall effect on Comm management



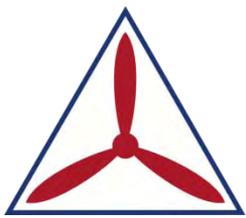


# Frequency Management



- **Loss of Freq Management position**
  - We no longer have a professional frequency manager
  - **Path Forward: Created a frequency management team**
    - Malcolm Kyser
    - Hartley Gardner
    - Andy Feldman
  - Working with AETC to assist where needed
  - **What this means to you:**
    - Frequency management issues will take longer
    - Some types of assistance may no longer be available
      - Help with FAA 7460s
      - Research on frequencies and sites
      - Interaction with base frequency managers





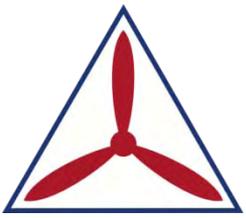
# NTC Move to Maxwell AFB



- **Richmond facility closes 30 Sept 13**
  - Current staff is not moving
- **New hire at Maxwell started 5 Aug**
  - At NTC this week for training
- **Two shipments completed**
  - At least three more planned
  - Attempt to switch over gracefully
- **New facility delayed**
  - Base approval finally received
  - Painting and carpeting: Now
  - Carpet order delayed three weeks
  - Hopefully start moving in mid-Sept
- **What this means to you:**
  - Possible delays in repairs



*Wayne Collins*

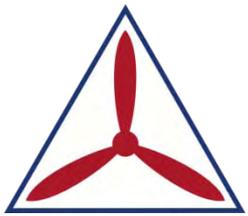


# Comm Program Management



- **Impact of staff reductions on DOK**
  - Fewer hands – More responsibilities  
*“Do More With Less”*
- **The plan: Master the art of delegation**
  - National Comm Officer as “chief of staff”
    - National Comm Team
      - Curriculum Workgroup
      - Repeater Remote Access Workgroup
      - Data Transport Workgroup
      - Exercise Planning Workgroup
    - National Frequency Management Team
    - NTN NCS Team
    - NTN Net 9 Team
    - National Repeater Coordination Group (NRCG)



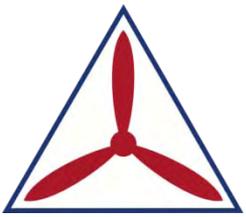


# Comm Equipment Assessment Project



- **Primarily an education and advise project**
  - Mark Kunkowski - primary
- **47 Wings/Regions**
  - **3 Assessment sent--Awaiting response from DC**
    - MS, OK, WV
  - **6 Initial conference call scheduled**
    - CA, DC, KS, NJ, NM, SC
  - **33 Working (Initial call complete)**
    - AL, AR, CT, CO, DE, IA, ID, IL, IN, KY, MA, MD, MO, MT, NC, NCR, NE, NER, ND, NH, OH, OR, PCR, RI, SER, SD, TN, TX, UT, VA, VT, WI, NV
  - **5 Wings/Regions Complete**
    - GLR, RMR, SWR, HI, MER



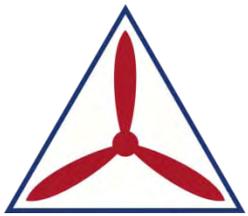


# Comm's Next Big Challenge

## Traffic Handling



- **CAP's "Lost Art"**
  - Personal communications revolution
  - The Internet
  - Personal computers
  - Smart phones
  - Result: No traffic – Few nets – Lost skills
- **Our challenge: Rebuild a traffic system**
  - Restore Structure – Interconnected nets
  - Restore Skills – Training/Operating
  - Replace Equipment – HF base stations

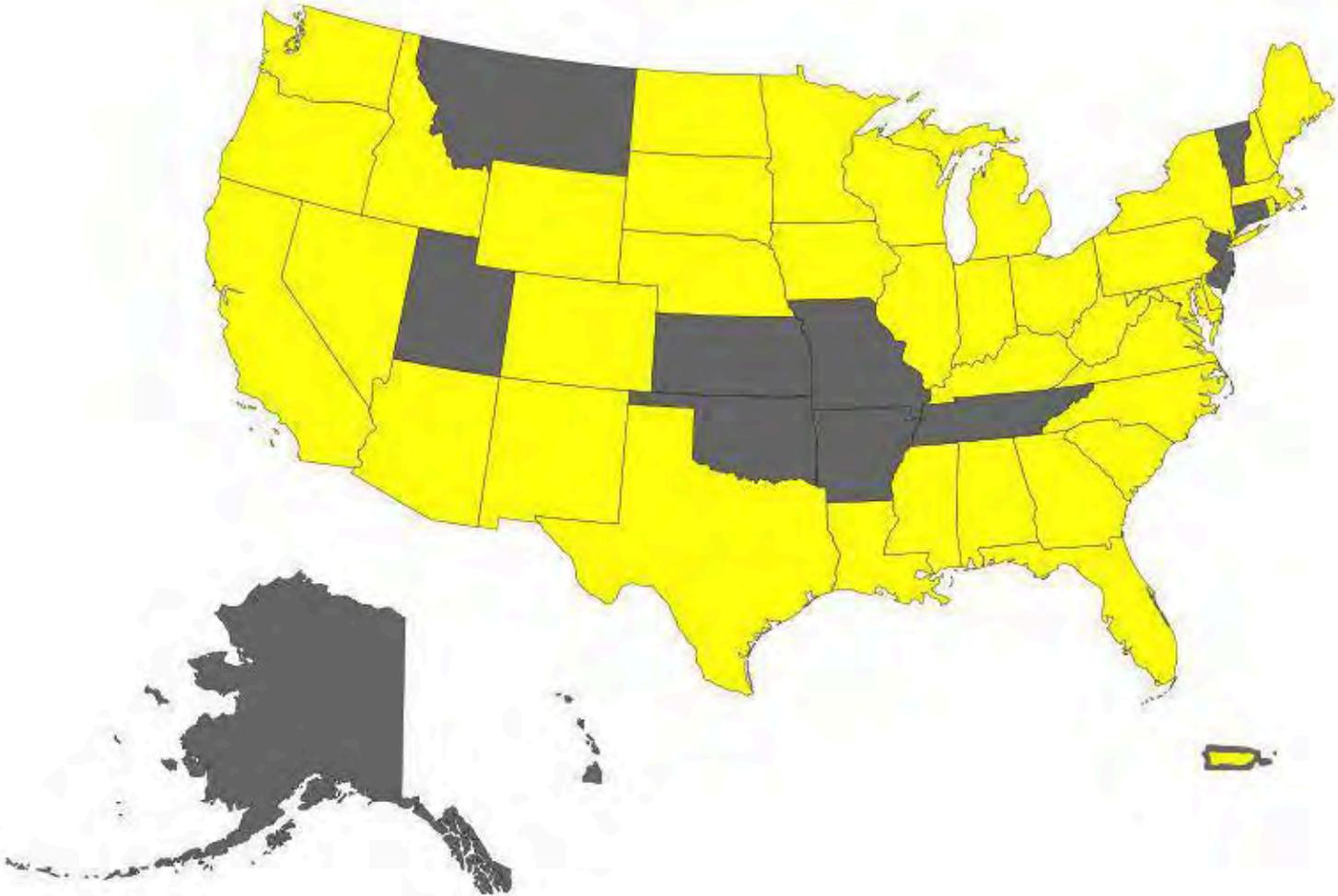


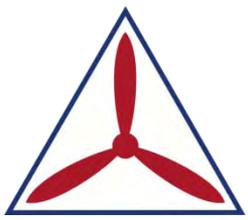
# Restore Structure National Traffic Net



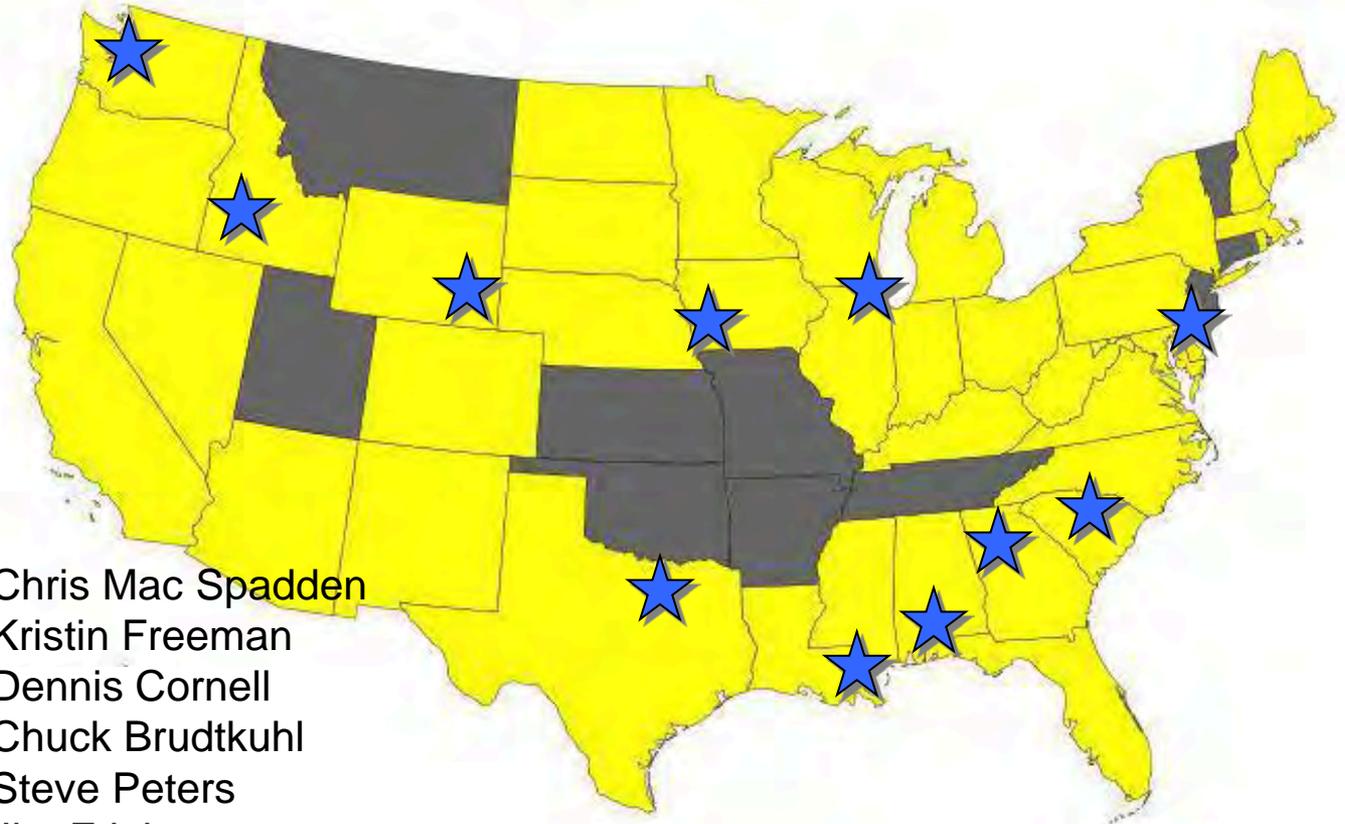
## Total Check-ins

- 9 Aug – 45
- 8 Aug – 58
- 7 Aug – 53
- 6 Aug – 48
- 5 Aug – 58
- 1 Aug – 57
- 31 Jul – 61
- 30 Jul – 61
- 29 Jul – 58
- 26 Jul – 56
- 25 Jul – 56
- 24 Jul – 46
- 23 Jul – 60



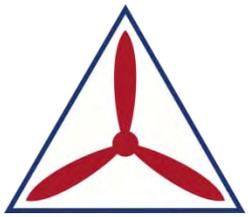


# Restore Structure NTN NCS Team



WA CAP 20  
Star Garnet 45  
High Plains 4  
IA CAP 4  
Blue Lakes 8  
Diamond Flight 65  
TX CAP 244  
LA 30  
SE CAP 45  
GA CAP 217  
Middle East 34

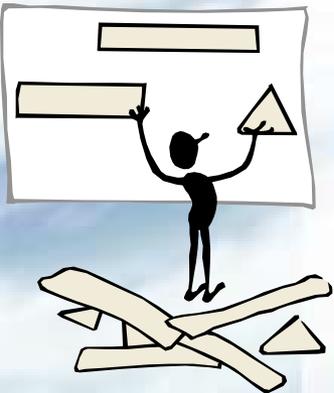
- Chris Mac Spadden
- Kristin Freeman
- Dennis Cornell
- Chuck Brudtkuhl
- Steve Peters
- Jim Friel
- Glenn Brazzel
- Guy Goodwyne
- Carl Hultin
- Linda Kotula
- Dave Friedenber

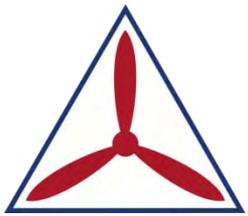


# Restore Structure The Next Steps



- **CAPR 100-1 Requirement:**
  - Wing and Region Nets
- **More nets**
  - Groups and squadron nets
- **More base stations on the air**
  - **Equipment: Micom 2s off the shelf**
    - More coming (TA Table 2)
  - **Operators: Get the word out – Find them**
- **Designate traffic stations**
  - Message centers





# Restore Structure The Next Steps



- **Net 9 Restructure**
  - **Discontinue “Command Net”**
  - **The 24/7 National Traffic Net (NTN)**
    - **Will work hand in hand with scheduled NTN sessions**
  - **Traffic drop-off service**
    - **Direct C2 support to entire organization**
  - **We will recruit new stations**
    - **A Traffic handling team**
    - **Unique ALE designators**
    - **Wild card calling**
  - **Data capability**

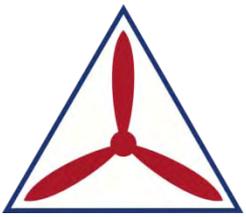


# Restore Skills



- How do we restore the skill set?
  - Training
    - New qualifications – New curriculum
    - Key: Operator responsibility
  - Traffic!
    - First step: CAP “Intercom” messages
      - Weekly broadcast training messages
      - General comm program topics
      - Slowly increasing complexity/challenges

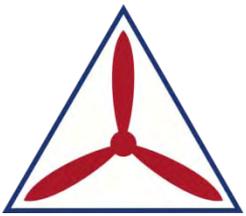




# Restore Skills



- **Intercom 1 – R111443Z Jan 13 ICUT Evaluators**
- **Intercom 2 – R181415Z Jan 13 New Net Times**
- **Intercom 3 – R251422Z Jan 13 Intercom Dissemination**
- **Intercom 4 – R011456Z Feb 13 NCS Announce Intercoms**
- **Intercom 5 – R071637Z Feb 13 Communicator o/t Year**
- **Intercom 6 – R151504Z Feb 13 Group Counts**
- **Intercom 7 – R221429Z Feb 13 New Table of Allowances**
- **Intercom 8 – R011511Z Mar 13 Annual Inventories**
- **Intercom 9 – R081423Z Mar 13 New Net Schedule**
- **Intercom 10 – R151311Z Mar 13 Micom Mic Jack**



# Restore Skills



## ➤ FEMA Comm Exercise

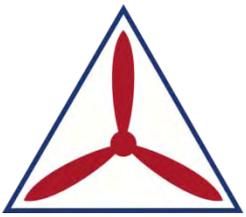
- 19 – 20 March 2013
- Personal request by FEMA National Administrator
- True “No Notice” comm-out exercise
- Immediate (OO) precedence traffic
- Formal messages with operator notes
- We delivered 8 out of 10 the same day
  - One region refused delivery
  - One was delivered the next morning
- CAP performance called “Outstanding”



# Restore Skills



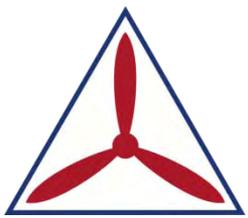
- **Intercom 11 – R291346Z Mar 13 Comm Audit**
- **Intercom 12 – R051318Z Apr 13 ICUT Evaluator Report**
- **Intercom 13 – R121312Z Apr 13 Comm Plan Delay**
- **Intercom 14 – R191847Z Apr 13 New Comm Mission**
- **Intercom 15 – R261307Z Apr 13 Message Numbers**
- **Intercom 16 – R031327Z May 13 LESA and NESAs**
- **Intercom 17 – R101406Z May 13 CUL and MRO Changes**
- **Intercom 18 – R311345Z May 13 Multi-Freq Operations**
- **Intercom 19 – R071329Z Jun 13 Repeater Moves**
- **Intercom 20 – R141339Z Jun 13 Annual Comm Eval Rpts**



# Restore Skills



- **Intercom 21 – R211325Z Jun 13 Repeater Outage Report**
- **Intercom 22 – R051205Z Jul 13 Spectrum Management**
- **Intercom 23 – R121324Z Jul 13 Comm Manager's Meet**
- **Intercom 24 – R191254Z Jul 13 Encoded Messages**
- **Intercom 25 – R261337Z Jul 13 Intercom Distribution**
- **Intercom 26 – R020406Z Aug 13 Net Sched during Denver**
- **Intercom 27 – R082140Z Aug 13 FRS Radio Policy**



# Restore Skills The Next Steps



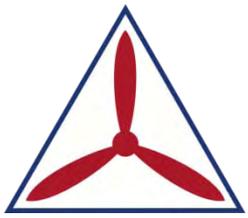
- **Continue Intercom broadcast messages**
  - Continual training opportunity
- **Encoded messages**
  - WMIRS 2.0 feature
  - WMIRS talking to WMIRS
  - Immediate (OO) precedence traffic
  - Any operator can enter them into WMIRS
- **Pre-Formatted messages**
  - “Whiskey” messages
- **Training versions**
  - “Tango” messages



# Replace Equipment



- **95 Micom 3F stations on order**
  - Delivery expected Dec – Jan
  - Initial distribution:
    - NTN NCS Team
    - New Net 9 NTN Team
- **Possibility of \$9.5M**
  - Air Staff request for requirements
    - We submitted our entire TA HF requirement
  - Would complete TA HF requirements
    - 921 C<sup>2</sup> base stations
    - 134 HF data terminals
    - 319 HF mobiles

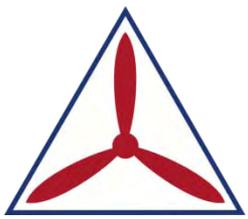


# Summary

## Traffic System - Next Steps



- Continue rebuilding voice nets at all levels
- Get them interconnected
- Educate operators on their responsibility
- Push Intercom messages to region and wing nets; local VHF nets
- Introduce new message formats
- Restructure Net 9

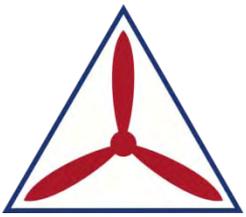


# Comm Qualifications Comm Curriculum



- CUL3, RDO3 and 2 deployment
- Squadron Comm Officer training
- Rgn/wing/grp Comm Officer training
- Relay team training
- Testing restrictions
- Stats as of 8 Aug
  - ICUT: 9,760 complete (+205 from previous week), 2,935 in progress
  - T4a (Basic ALE users): 1,270 complete
  - T10 (Station auth): 1,392 complete
  - T11 (ISR ): 1,597 complete

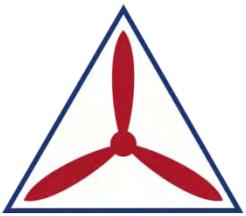




# Mission Comm Plans



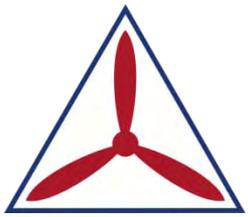
- **Required for missions over 24 hours**
  - **Includes most SAREXs**
- **Build bridges to OPS leadership**
  - **They are our “customer”**
- **Make the plans scalable**



## Other Projects



- Repeater linking work group:  
“customer” survey pending
- VHF data work group:  
“customer” survey pending
- Exercise Planning – Constant Watch  
2014 in the works

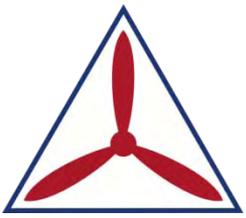


# Don't Forget



- **Safety currency affects your 101 card qualifications and your ICUT evaluator status**
- **Update your CAP-DC authorizations in Comm website Comm Directory**
- **Facebook.com/cap-comm**
- **CAP-COMM Listserv (themareks.com/com to subscribe)**





# Discussion

