



AFRCC MISSION BRIEF

SAR Controllers Training 2012

14 – 16 February 2012

SSgt Chris Uppling

AFRCC

SAR Duty Officer





AFRCC Charter

- Coordinate **federal inland** commercial, military, and interstate aeronautical SAR in contiguous U.S.
 - Manage all inland distress beacon searches
 - Broker federal support to non-aircraft missions
 - Mercy / MEDEVAC / SRU Transport / Rescue / Search
- Validate requests - life, limb, eyesight, or undue suffering
- Considerations for use of federal or DoD assets
 - Not-to-interfere with military mission
 - State & local assets capability exhausted
 - Posse Comitatus Act

“Ask, Not Task” - No Tasking Authority



National SAR Responsibilities

MEMORANDUM
OF
AGREEMENT
BETWEEN
1AF/CC
AND
STATE
GOVERNORS

MEMORANDUM
OF
UNDERSTANDING
BETWEEN
AFRCC/CC
AND
STATE
SAR AGENCY

- Legal Agreement between **SAR Coordinator** and each **State Governor**
- Operational document between **AFRCC/CC** & each **State SAR agency**
(Dictates day-to-day CONUS SAR Operations)



AFRCC / State Interaction

PRIMARY

ASSISTING

MILITARY ACFT

AFRCC

STATE

CIVIL ACFT

INTRASTATE

STATE

AFRCC

INTERSTATE

AFRCC

STATE

AIR CARRIER

AFRCC

STATE

INTERNATIONAL

AFRCC

STATE

MISSION OF NATIONAL INTEREST

AFRCC

STATE

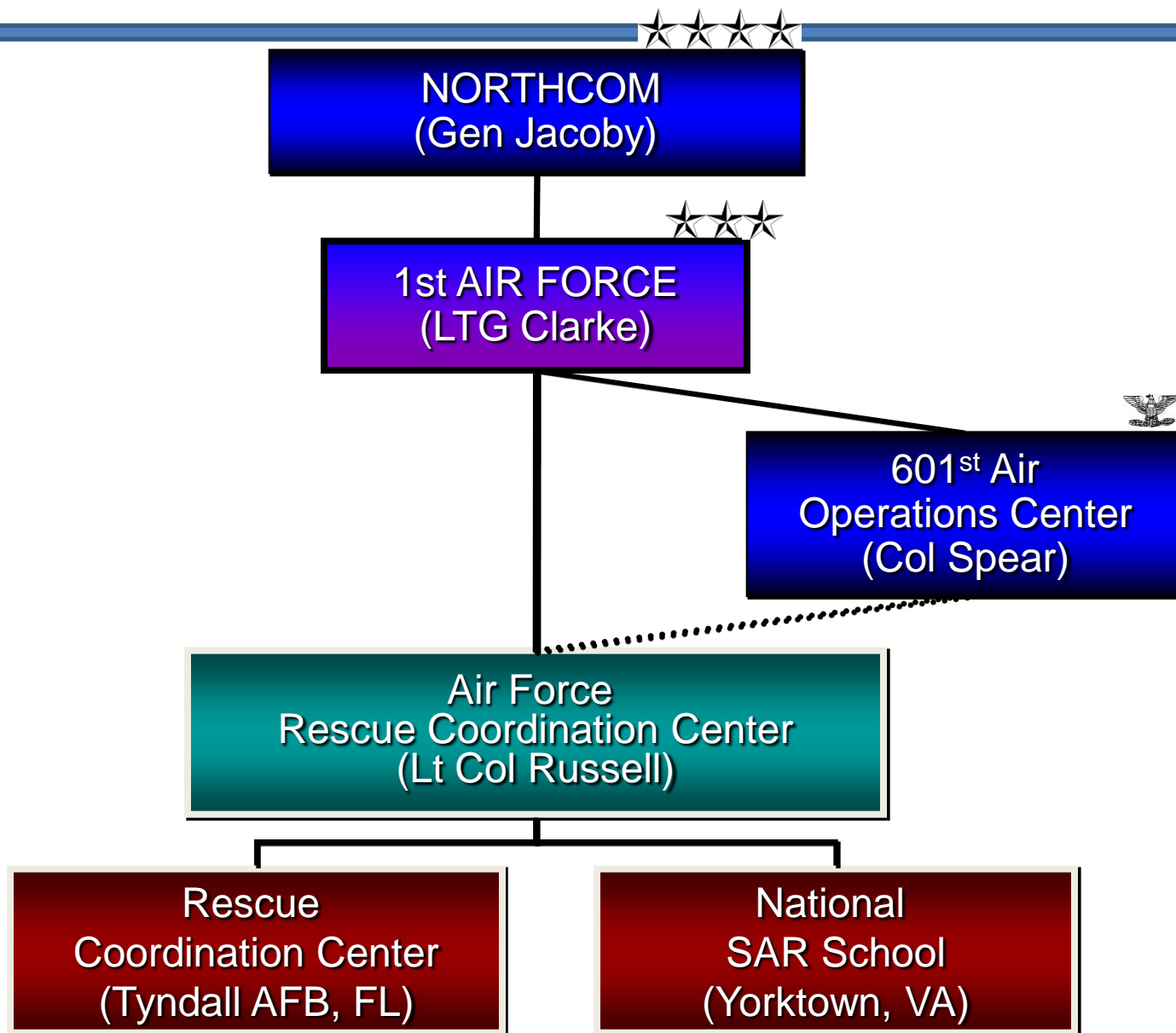
GROUND SEARCH

STATE

AFRCC



AFRCC Organization





**Liaisons, FAA, Intel,
Weather, CBP, Airspace,
Legal**





2011 AFRCC Incident/Mission Activity

Busiest RCC in the World!

**~86% SOLVED
WITHOUT
FEDERAL RESOURCES
COMMITTED**

**5986
INCIDENTS**

16/DAY

AFRCC

**1 LIFE
EVERY
2 DAYS**

**866
MISSIONS**

2/DAY

**245
SAVES**

**OVER 15,762 SAVES SINCE
ACTIVATION IN 1974**



A Day In The Life . . .

RESCUE: 41 YOM HIKER
HOODOO CANYON, WA
36 RQF
1 SAVE

RESCUE: 60 YOM KAYAKER
ELMORE CO, ID
ID JOC (H-60)
1 SAVE

RESCUE: MALE HIKER IN DIABETIC SHOCK
TEMPEST MOUNTAINS, MT
40 HF (UH-1)
MISSION ONGOING

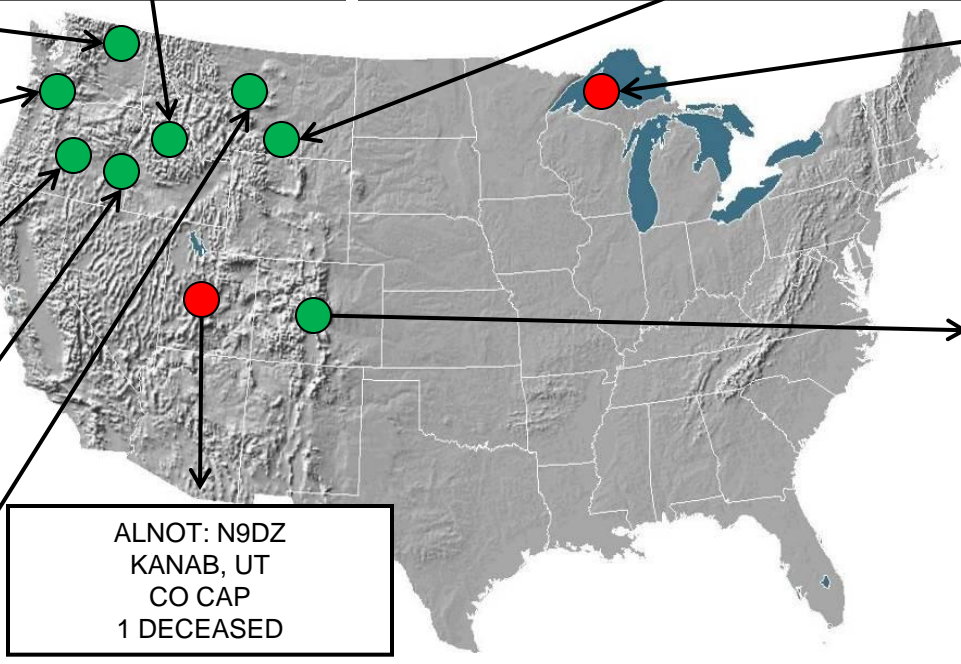
SEARCH: MISSING 55 YOF
HOLIGHTON CO, MI
MI CAP
DECEASED

RESCUE: 43 YOM HIKER
OLYMPIC NAT. PARK, WA
CGAS PORT ANGELES
1 SAVE

MERCY: ORGAN TRANSFER
PORTLAND, OR
OR CAP (Fixed Wing)
1 SAVE

SEARCH: 60 YOM HUNTER
TILLAMOOK, OR
CGAS ASTORIA
1 ASSISTED

RESCUE: 19 YOM SKIER
GALLETON COUNTY, MT
40 HF OPS
1 SAVE



ALNOT: N9DZ
KANAB, UT
CO CAP
1 DECEASED

SEARCH: MISSING 32 YOF
MCINTYRE LAKE, CO
CO CAP
1 SAVE



- Ongoing / UNK / Missing
- Save / Non-distress
- Deceased

30 Aug – 6 Sept 11	
INCIDENTS:	137
MISSIONS:	23
SAVES:	7

Additionally – 15-20 Beacons per day
= Approx 100-140 for 1 week!



2011 Beacon Activity

- **Beacon Incidents**

- **4913**

- 121.5 - 277
- 243.0 - 8
- 406 ELT - 3491
- 406 EPIRB - 146
- 406 PLB - 479
- PRC/URTs - 512

RESULTS:

Non-Distress -	2706
Distress -	106
Ceased -	1543
False -	641
Hand-Off -	317

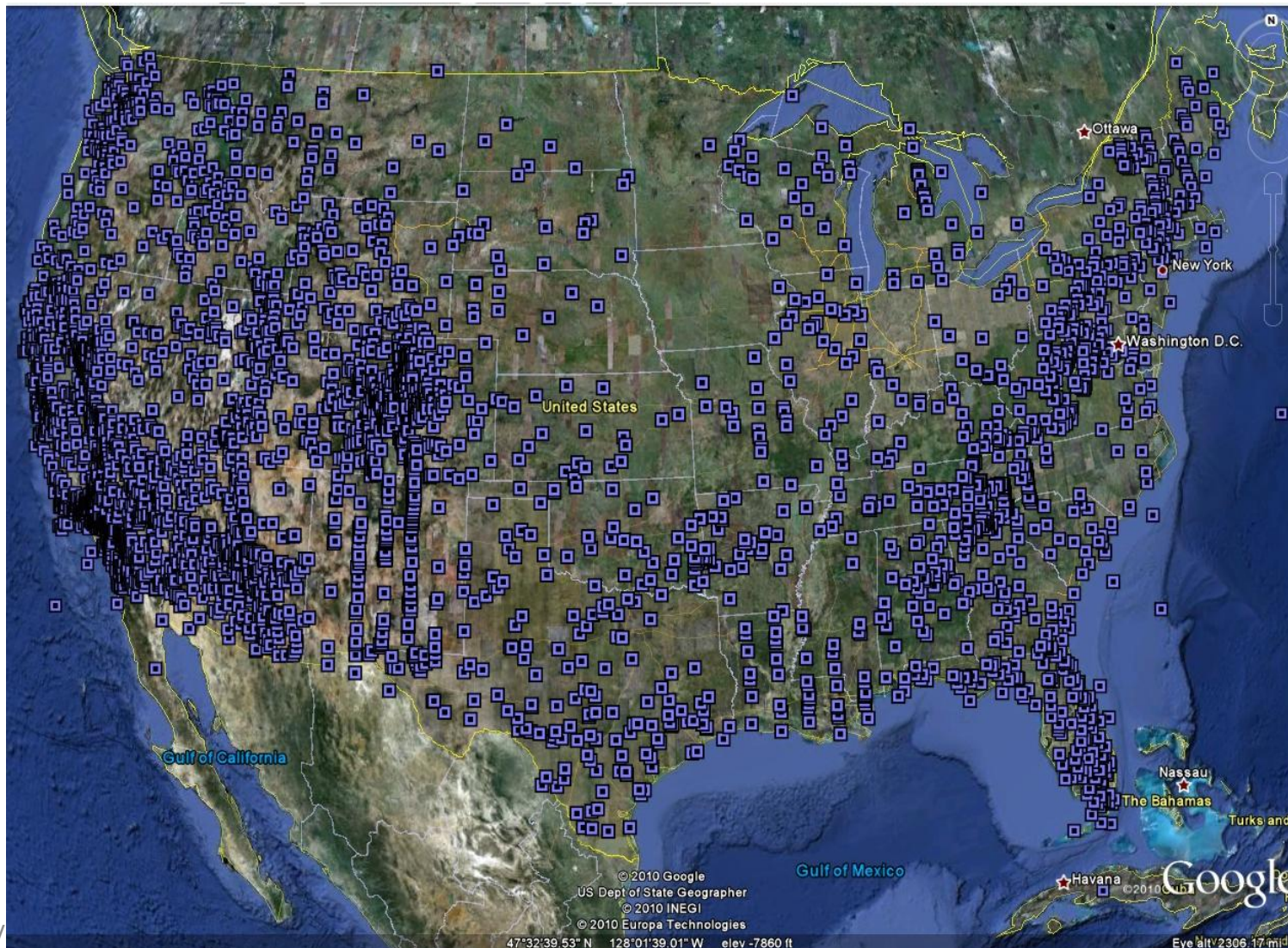
- **International Beacon Incidents**

- **1428 (~29%) of AFRCC beacon incidents**

- **Most in SW Asia (703 National Use Beacons – 50%)**



AFRCC Unique – Crash Database!





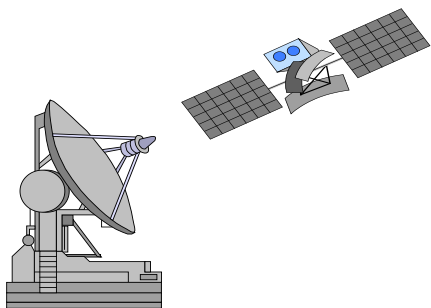
National SAR Advocacy



BISC Course



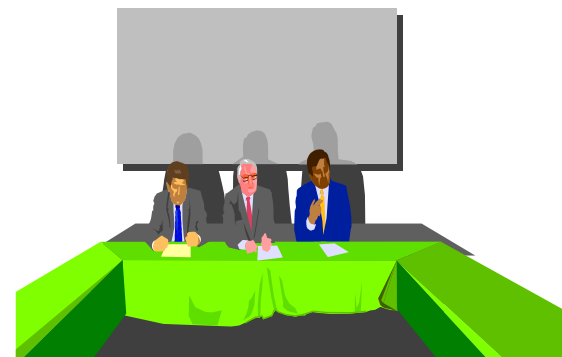
Inland SAR Planning Course



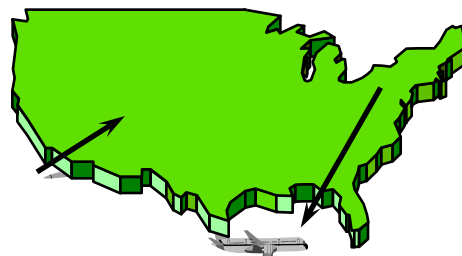
COSPAS/SARSAT



NASAR, CAP NATIONAL, OSH KOSH



NATIONAL SAR CONFERENCES



CRASH LOCATOR



NATIONAL SEARCH AND RESCUE COMMITTEE



RCCNet – AFRCC Mission Software

- **SAR Incident Management System**
- **Web Based for multiple users - RCCNet**
- **Real-time automated receipt of SARSAT emergency beacon detections**
- **Software includes**
 - **Mission Log**
 - **Contacts**
 - **Survival Model**
 - **Activity database**
 - Search Planning**
 - Resource Tracking**
 - Objective Info**
 - Google Earth GIS**



AFRCC Beacon Education

- Currently educate all called during incident / mission processing.
- Working with HQ AF to include guidance in military beacon handling directive DoDI 3003.01.
- Hand out NOAA pamphlets at all training and conference attendances.



These Things We Do . . .

QUESTIONS OR COMMENTS??

. . . That Others May Live!