

1 AF (CONR-AFNORTH)

AIR FORCE RESCUE COORDINATION CENTER (AFRCC)

INFORMATIONAL



THIS BRIEFING IS: UNCLASSIFIED/FOUO

**LT COL EVAN GARDNER
COMMANDER**



GUIDANCE



National SAR Plan

“State and local authorities are responsible for land based SAR...within their respective jurisdictions.”

MOA

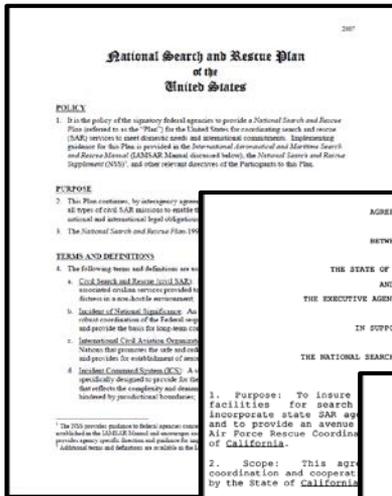
Executive Level/Legal Agreement to Support (Governor/CDRAFNORTH)

MOU

Detailed Execution Contract (State SAR Coordinator/AFRCC)

Flex File

AFRCC Execution Document



CALIFORNIA

FEMA REGION IX MOU DATE: JULY 1991

TYPE MISSION/INCIDENT	RESPONSIBLE AGENCY	PROCEDURES
Missing Aircraft Mission	CAL OES	The AFRCRC will: Notify CAL OES upon initial search and brief (if available) aircraft tail number, a physical description, departure and arrival points, time, number of persons on board, search region, and search last known position. In cooperation with FAA initiate Preliminary Communication Checks and Extended Communication Checks with departure arrival points and supports along the route of flight. Coordinate all federal assets requests (including CAP) through CAL OES. NOTE: When CAP is alerted/incident, the AFRCRC will notify CAL OES to provide the CAP RC's information. NOTE: The AFRCRC will be the Responsible Agency for all incidents or missions involving overboard General Aviation (GA) turbine flight, D/D aircraft, commercial aircraft or missions of national concern.
Missing Person Mission	CAL OES & County Sheriff	The AFRCRC will: Coordinate all federal asset requests (including CAP) through CAL OES on the land agency.
Alert Notices (ALNO) Incident	CAL OES	The AFRCRC will: Notify CAL OES upon initial notification and initiate an action request (including CAP) through CAL OES. Inform the Mission Monitor. NOTE: When CAP is alerted/incident, the AFRCRC will notify CAL OES to provide the CAP RC's information.
Emergency Locator Transmitter (ELT) Emergency Position Indicating Radio Beacon (EPIRB)	AFRCRC	The AFRCRC will: In coordination with the Federal Aviation Administration, accomplish a communication check and will coordinate communication with CAL OES and the Mission Monitor. NOTE: When CAP is alerted/incident, the AFRCRC will notify CAL OES to provide the CAP RC's information.

(7) (BB) 11-05



AFRCC CHARTER

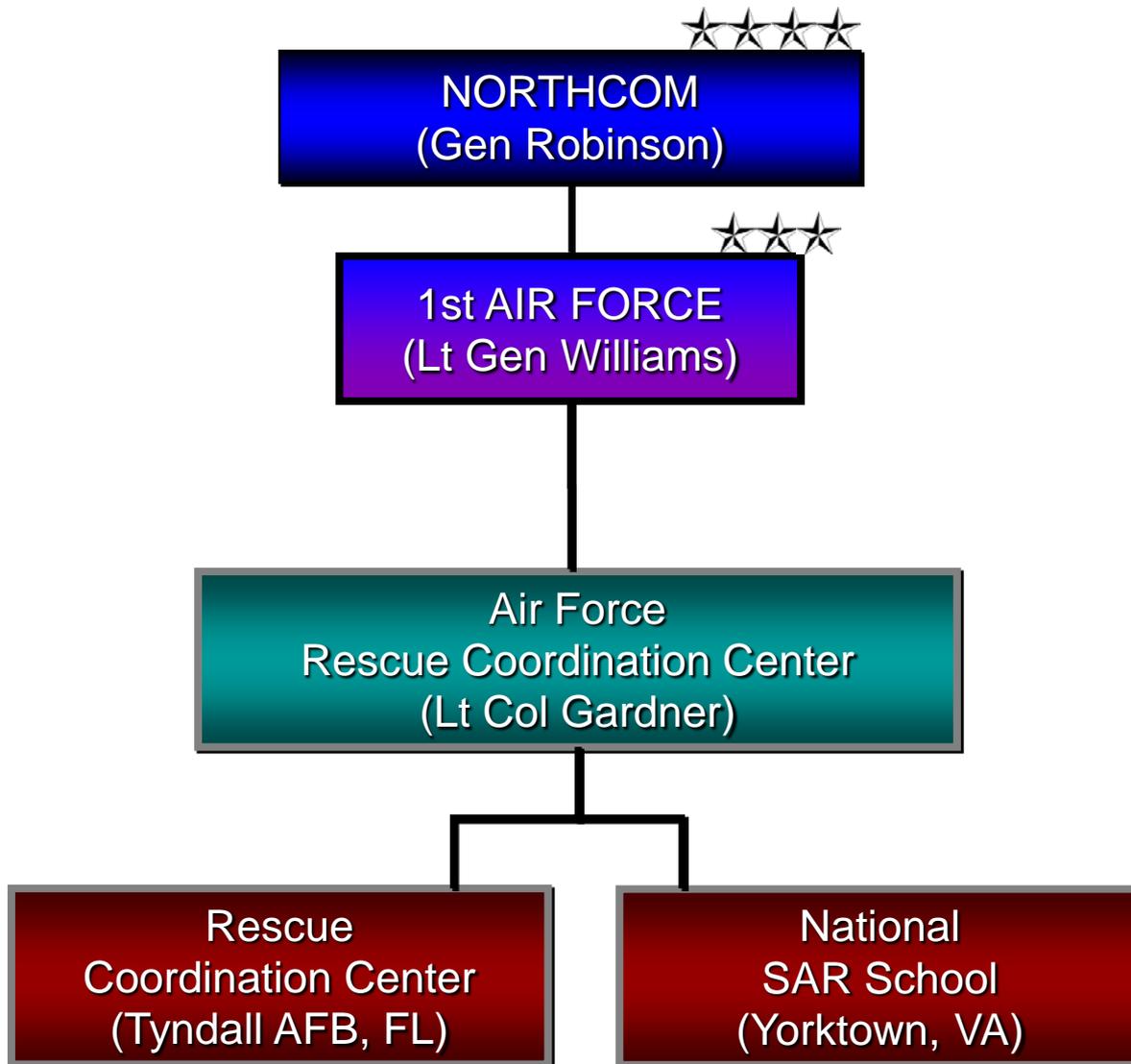


➤ Area of Responsibility

- Coordinate federal inland commercial, military, and interstate aeronautical SAR in the contiguous U.S.
 - Manage all inland beacon searches
 - Assist states with non-aircraft missions
- States retain responsibility for SAR within their sovereign boundaries until they become overwhelmed or require specialized equipment
- Requests for federal resources are made by the “Responsible Agency” within the state.
- Validate requests / broker for federal assistance
- Save life, limb, eyesight, or prevent undue suffering
 - **“Ask, don’t task” - no tasking authority**



CHAIN OF COMMAND





ADDITIONAL RESPONSIBILITIES

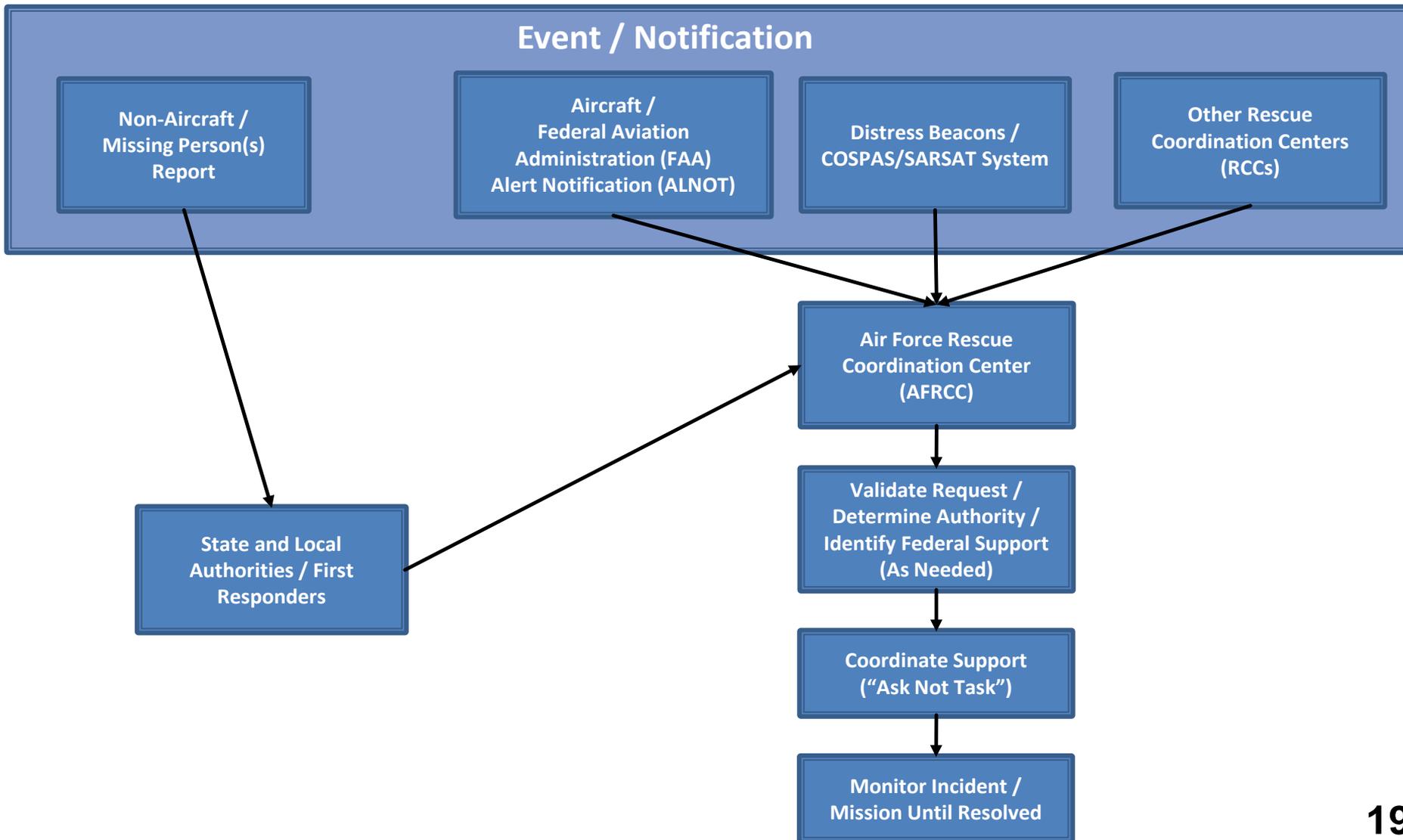


- **National Search and Rescue School (Inland SAR)**
- **Basic Inland Search and Rescue Course (BISC)**
- **USAF advisor** to OSD/DPMO (DoD) on National Search and Rescue Committee (NSARC)
- NSARC Working Groups
- Combat Search and Rescue (CSAR) support
- Support to foreign RCCs and COCOM JPRCs/PRCCs
- **SARSAT Program** Steering Group & Joint Working Gp
 - ❖ One of three primary funding agencies w/NOAA & USCG
- ICAO-IMO Joint SAR Working Group
- Federal interface lead for annual conference(s)
- **National Crash Locator Database**
- United States Personal Locator Beacon (PLB) Program
- CSEL Support Center (Tertiary world-wide)

All required under ICAO/IMO Treaty, NSARC/NSP, DoD Directive, or SARSAT interagency agreement



AFRCC CIVIL SAR



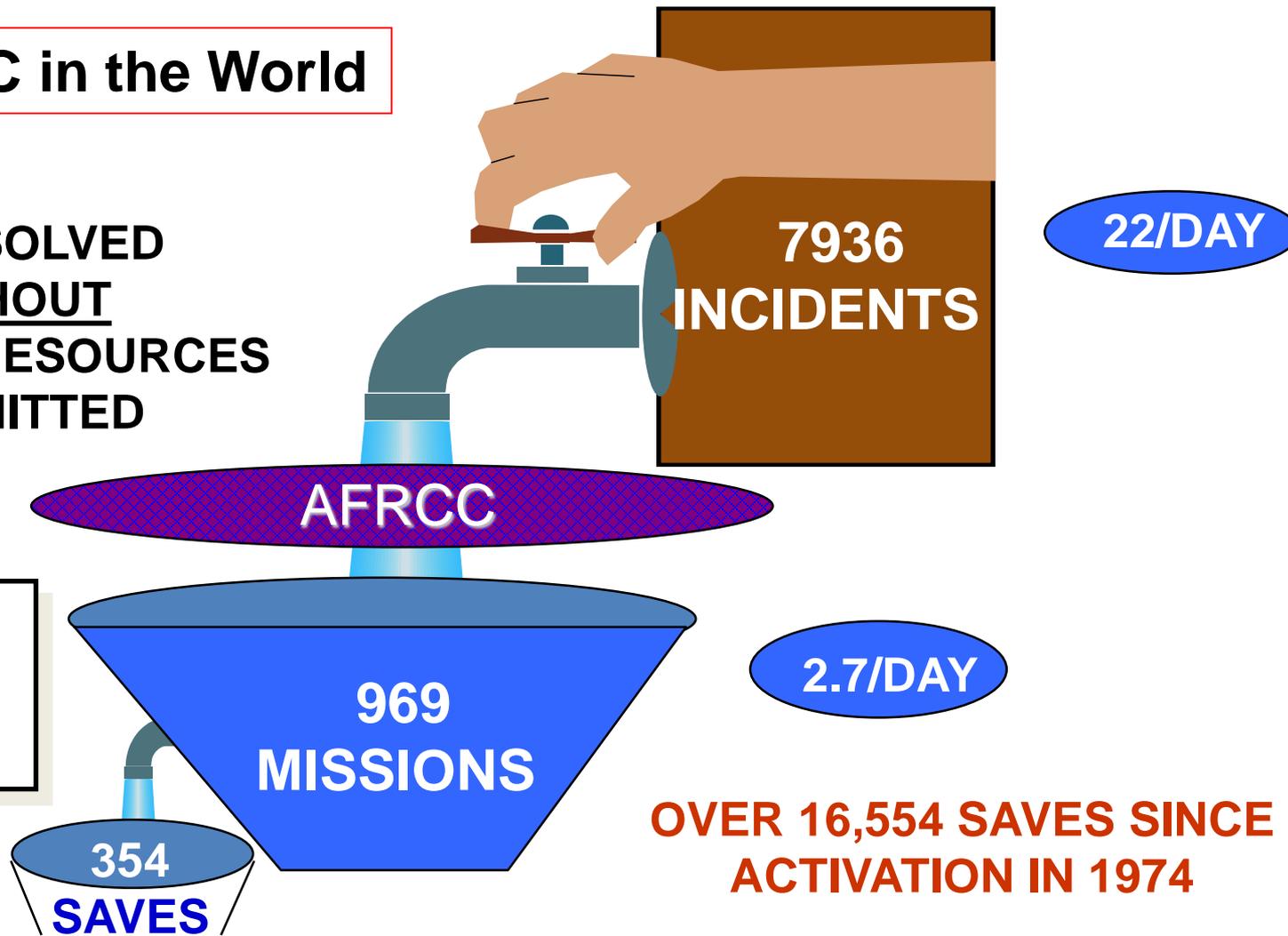


2016 MISSION ACTIVITY

Busiest RCC in the World

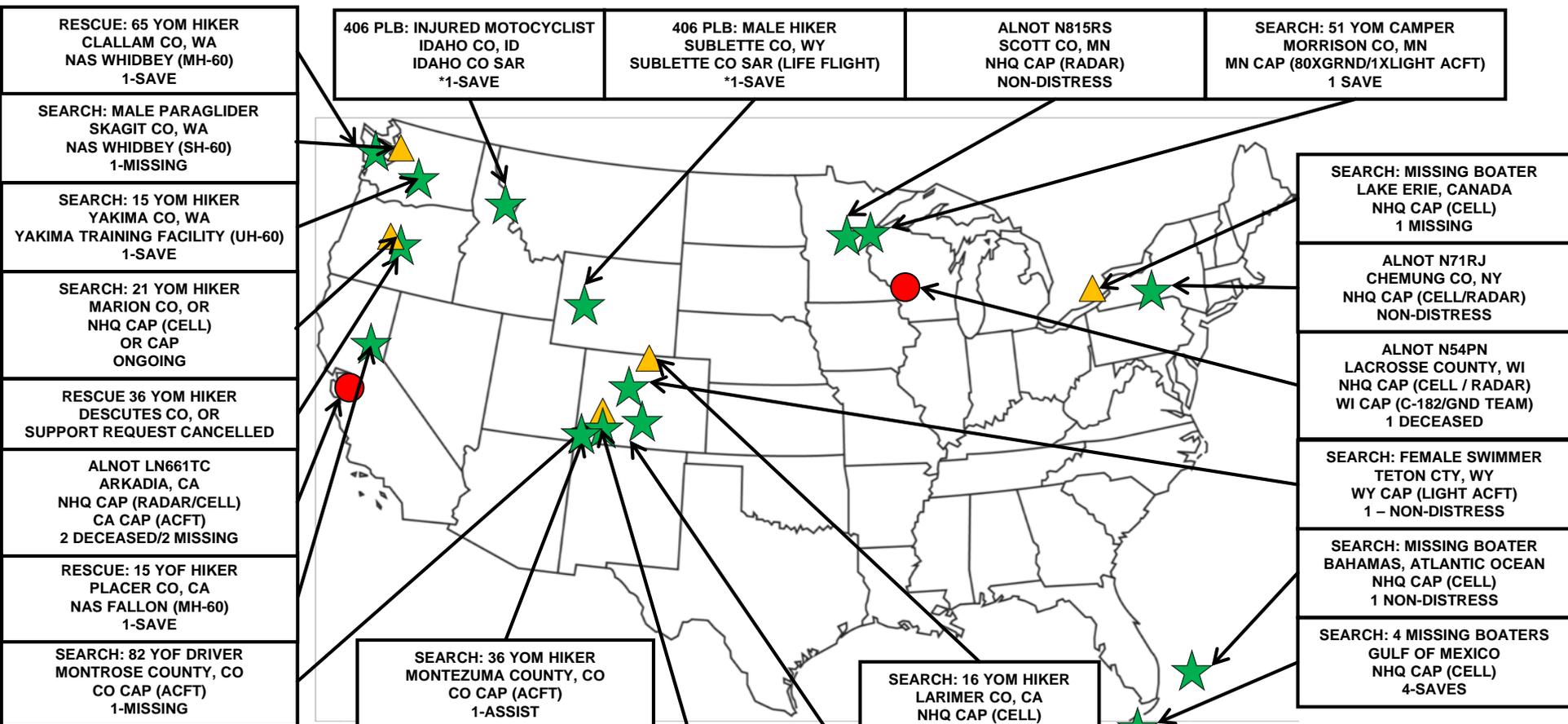
**~90% SOLVED
WITHOUT
FEDERAL RESOURCES
COMMITTED**

**1 LIFE
EVERY
1.03 DAYS**





AFRCC WEEKLY SUMMARY

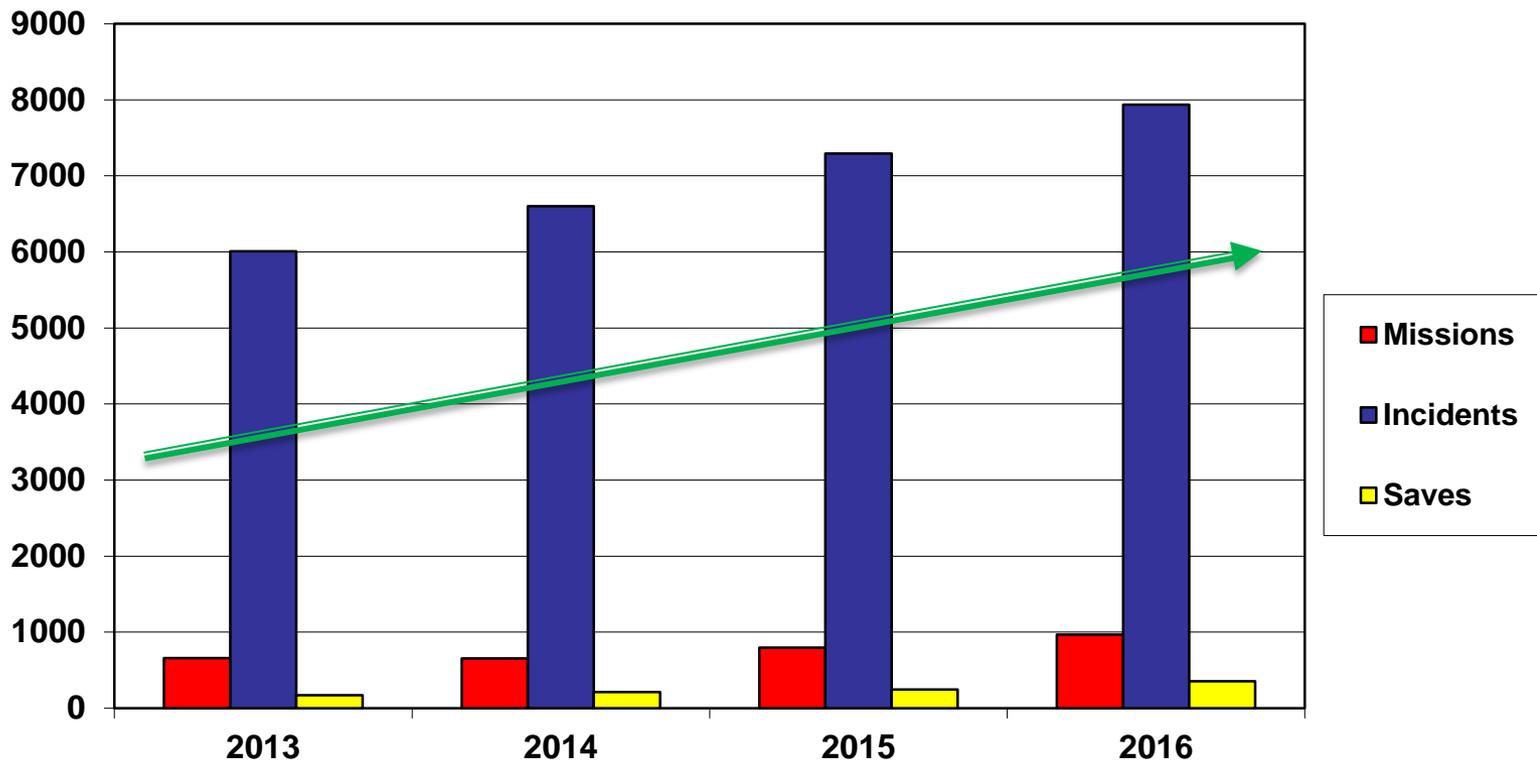


TOTALS	25 - 31 JUL 16	CY2016
Incidents	193	4584
Missions	28	513
Saves	14	174

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



2016 MISSION ACTIVITY



Year	2013	2014	2015	2016
Missions	660	654	797	969
Incidents	6010	6603	7293	7936
Saves	171	212	244	354



2016 MISSION ACTIVITY

TOTALS	CY 2016	CY 2015	CY 2014	CY 2013
Incidents	7936	7293 9%	6603 20%	6010 32%
Missions	969	797 22%	654 48%	660 47%
Saves	354	244 45%	212 67%	171 107%



2016 MISSION ACTIVITY



- **Highest total saves during non CISAR year in 20 years**
- **Highest saves to mission ratio during non CISAR year in unit history**



WHY?



- **Volume Increase: AFRCC Outreach Plan**
 - Direct Coordination with USCG Districts
 - Direct Coordination with State SAR agencies
- **Saves to Mission Ratio: Technology and Tactics, Techniques, and Procedures overhaul/Technology**
 - Revamped Operating Instruction
 - Revamped Training
 - Introduction of Standardization and Evaluation
 - Increased Utilization of Technology



UNIQUE SAR TOOLS

FLIR

- Source – USAF, USA, AFRC, ANG, NG, CAP
- Results:
 - All Weather/Anytime Search

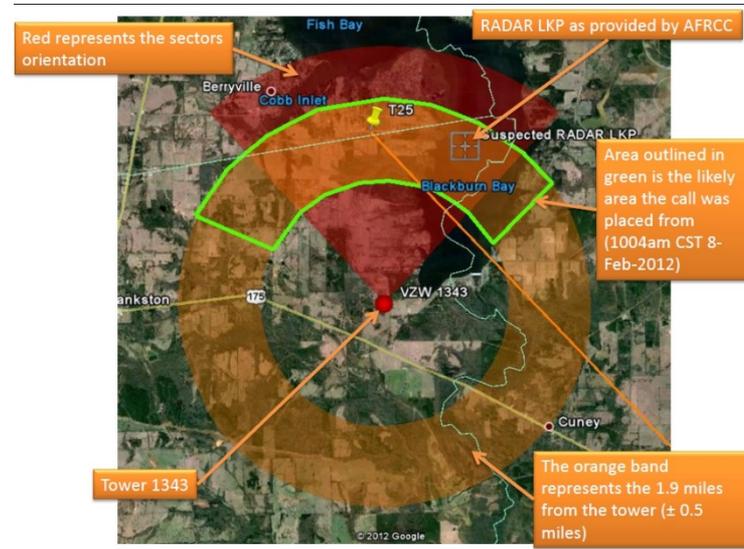
Radar Forensics

- Sources – USAF, FAA, & NHQ CAP
- Results:
 - Last Known Position (LKP)
 - Heading, Altitude, & Speed
 - Maneuvers



Cell Phone Forensics

- Source – NHQ CAP
- Results:
 - Recent Activity
 - Last Known Position (LKP)

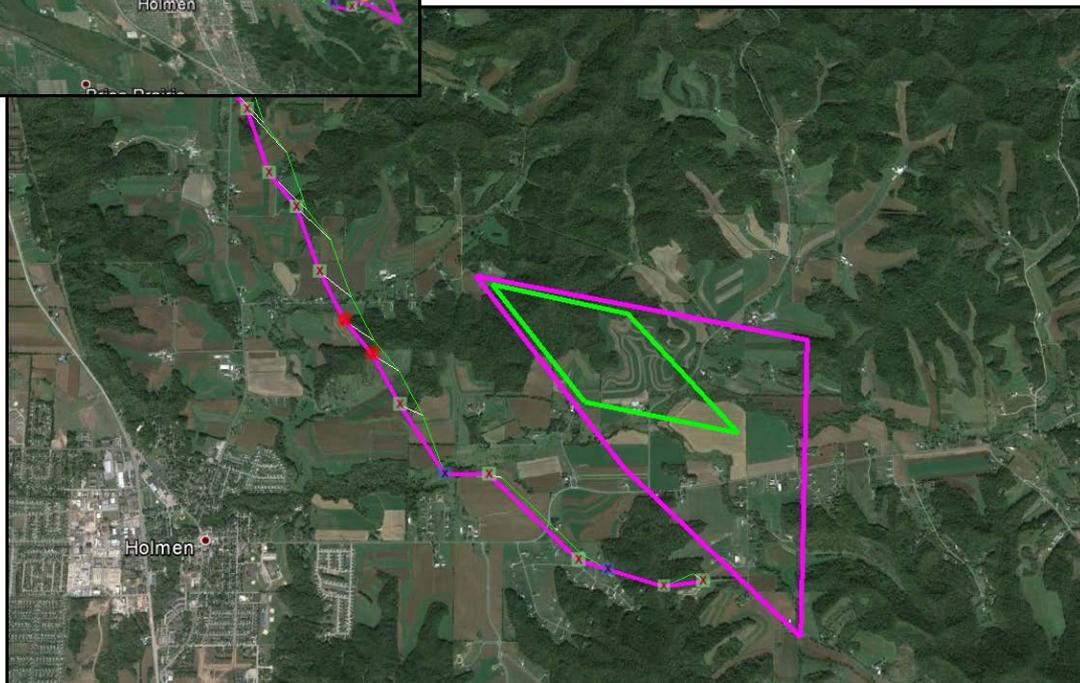
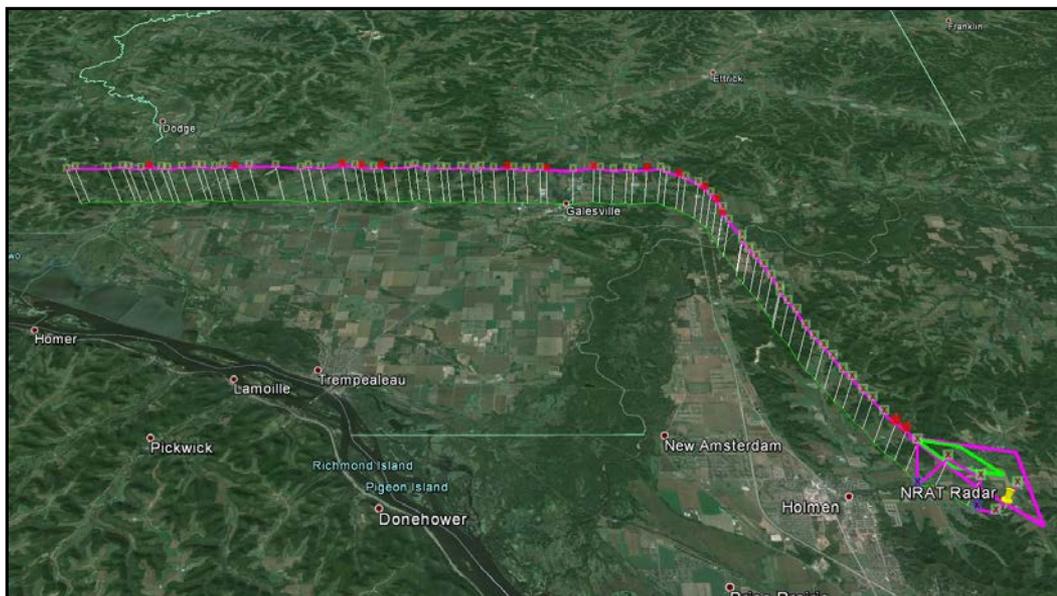


Confined Space/High Angle Rescue

- Source – USAF, AFRC, ANG, NG
- Results:
 - Mountain-side rescue
 - Cave, water, collapsed structure search



RADAR / CELL DATA





BISC DATES FOR FY 18



<u>Number</u>	<u>Dates</u>	<u>Location</u>
18-01	11-12 Jan 18	Helena, MT
18-02	TBD Feb 18	Robertsdale, AL
18-03	3-4 Mar 18	NAS Patuxent River, MD
18-04	7-8 Apr 18	Mesa, AZ
18-05	19-20 May 18	Peace River, FL
18-06	23-24 Jun 18	NAS Lemoore, CA
18-07	21-22 Jul 18	Reno, NV
18-08	TBD Aug 18	Eugene, OR
18-09	15-16 Sep 18	St Louis, MO



NATIONAL SAR SCHOOL DATES FOR FY18



<u>Number</u>	<u>Dates</u>	<u>Location</u>	<u>App Deadline</u>
18-01	2-6 Oct 17	JB McGuire-Dix-Lakehurst, NJ	21 Aug
18-02	6-10 Nov	Austin, TX	25 Sep
18-03	4-8 Dec	TRACEN Yorktown, VA	23 Oct
18-04	11-15 Dec	Concord, NH	30 Oct
18-05	8-12 Jan 18	Camp Murray, WA	27 Nov
18-06	26 Feb-2 Mar	Anchorage, AK	15 Jan
18-07	26-30 March	Charleston, SC	5 Feb
18-08	7-11 May	Fort Leonard Wood, MO	26 Mar
18-09	4-8 June	Rockledge, FL	23 Apr
18-10	23-27 July	Albuquerque, NM	11 Jun
18-11	6-10 Aug	Fort Riley, KS	25 Jun
18-12	17-21 Sept	Moundsville, WV	6 Aug



POINTS OF CONTACT

Commander

- Lt Col Evan Gardner (DSN 523-5029)

Director of Operations

- Lt Col Gene Manner (DSN 523-5084)

AFRCC Console (24/7 ops for civil SAR)

DSN 523-5955 / Comm 800-851-3051 or 850-283-5955

<http://www.1af.acc.af.mil/units/afccc/>



