Alaska Rescue Coordination Center

“That Others May Live”

Maj Jay Randall
Deputy Director

Integrity - Service - Excellence
AKRCC Topics

“That Others May Live”

- Mission Overview
- AK RCC SAR Region
- Manpower
- SAR Resources
- AKRCC SAR Statistics
- Talking Points
- Questions
AKRCC Mission

“That Others May Live”

- Executive agency for the ALCOM/CC to plan, coordinate, and control DoD participation in SAR operations in the Alaska Search and Rescue Region (SRR) per the National SAR Plan.

  - Primary mission is to execute SAR Mission Coordinator (SMC) responsibilities in AK SRR for:
    - Civil aviation
    - US military activities

  - Secondary mission is to assist other AK agencies in prosecuting SAR in their respective SRR

  - Coordinate DoD support to civil authorities (DSCA) SAR

- Receive/Track 406 MHz Emergency Locator Transmitter (ELT) and Personal Locator Beacon (PLB) signal notifications
  - monitor reports of 121.5 VHF/243.0 UHF Emergency Beacons
AKRCC SAR Region

“That Others May Live”
AKRCC Manning

“That Others May Live”

- 6 x Rated OFFICERS
  - AK RESCUE background
  - Attached to sqdrn for flying
  - 3 x RQS Pilot/ 11H3Y
  - 2 x HC-130 Pilot/CSO
  - 1 x CRO (PJ Officer)

- 6 x ENLISTED
  - C2 or RQS background
  - 6 x 1C3/5
  - Long Term Continuity

- 2 controllers and 1 OIC on duty 24/7/365
  - Surge w/ additional manpower as required

- Major Rescue Operation:
  - Add Subject Matter Experts / Liaison Officers from state and federal agencies for DSAR/CISAR
Air National Guard

JBER
210 RQS: 6 x HH-60
211 RQS: 4 x HC-130
212 RQS: 24 PJ/10 CRO

Eielson AFB
210 RQS DET 1
1 x HH-60
2 x PJ/CRO

- Alert postured
- Long Range, all weather, NVG, hoist
- GA personnel deployment
- Rescue equipment airdrops
- Arctic Sustainment Package
- Open water recovery / RAMZ
Air National Guard
JBER
249 AS: 5 x C-17

- As capable response
- Long Range SAR
  - GA personnel deployment
  - Arctic Sustainment Package
AKANG 176th Wing
Dedicated SAR

HH-60G Unrefueled SAR Range
200 NM; 2 hr response

HH-60G SAR Range with HC-130 HAR
450 NM; 4 hr response
AKANG 176th Wing
Dedicated SAR
HC-130 Unrefueled airdrop range
~ 1500 NM Range

NOTES:
- HC-130s can para-drop GA team into land, water or ice
- Cannot exfil GA if runway not available
- With transition to HC-130J in Fall 2017, SAR will gain air refuel capability and be able to refuel from KC-135

JBER
SAR Response Range
Army National Guard
1 BN 207th AVN REGT
UH-60L

- Respond as capable
- All weather, NVG
- EMT as required
US Army Alaska
1 BN 52d AVN REGT
UH-60L
CH-47F

- Alert postured (UH-60)
- Long range w/ CH-47 support
- All weather, NVG
- EMT as required
NSB SAR
S-92
Bell 412
King Air 350
Learjet 31A
USCG
Juneau RCC

HC-130
MH-60T
MH-65D

- Alert postured
- All weather, NVG, hoist
- Rescue equipment airdrops
- Rescue Swimmers

- Kodiak Air Station
- Sitka
USCG Response Range

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USCG District 17
HH-60T Seasonal
SAR radius: 200 NM
HH-60T Dedicated
SAR radius: 200 NM

USCG Air Station
Seasonal coverage FOL.
Only one manned per season.

USCG FOL Cold Bay MH-60T
USCG AS Kodiac MH-60T
USCG FOL St. Paul MH-60T
USCG AS Sitka MH-60T
USCG AS Cordova MH-60T
USCG FOB Cordova MH-60T
USCG FOL Dead horse MH-60T

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USCG Response Range

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USCG Dedicated SAR

C-130 Unrefueled airdrop range
1200NM; 6 hr response
Civil Air Patrol
Numerous Acft

- Air/Ground SAR
- Electronic & visual search
- Radar reduction
- Cell phone forensics

• King Salmon
• Bethel
• Anchorage
• Kenai
• Fairbanks
• Juneau
• Sitka
121.5 vs 406 Beacon

“That Others May Live”

- **121.5 ELT McGrath**:
  - 1-3nm, no GPS
  - 100yds, w/GPS

- **406**: FL300 ~ 187,000 sq/mi

- **121.5**: FL180 ~ 112,000 sq/mi

- 10K ~ 62,000 sq/mi
**2017 REVIEW--INCIDENTS**

“That Others May Live”

**CASE TYPES**

<table>
<thead>
<tr>
<th>Incident type</th>
<th>Number</th>
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<tbody>
<tr>
<td>AERO SAR</td>
<td>349</td>
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<tr>
<td>ASSIST - AST</td>
<td>94</td>
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<tr>
<td>MEDEVAC</td>
<td>13</td>
</tr>
<tr>
<td>ASSIST – USCG</td>
<td>8</td>
</tr>
<tr>
<td>ASSIST – MUNI</td>
<td>3</td>
</tr>
<tr>
<td>ASSIST – MIL</td>
<td>2</td>
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<tr>
<td>ASSIST – NPS</td>
<td>2</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>473</strong></td>
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</tbody>
</table>

**Percentage Breakdown:**
- AERO SAR, 349, 74%
- MEDEVAC, 13, 3%
- ASSIST - AST, 94, 20%
- ASSIST - USCG, 8, 2%
- ASSIST - MUNI, 3, 1%
- ASSIST - MIL, 2, 0%
- ASSIST - NPS, 2, 0%
2017 REVIEW--MISSIONS

“*That Others May Live*”

MISSION TYPE

<table>
<thead>
<tr>
<th>Mission Type</th>
<th>Number</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>AERO SAR</td>
<td>61</td>
<td>64%</td>
</tr>
<tr>
<td>ASSIST - AST</td>
<td>26</td>
<td>27%</td>
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<tr>
<td>ASSIST - USCG</td>
<td>4</td>
<td>4%</td>
</tr>
<tr>
<td>MEDEVAC</td>
<td>3</td>
<td>3%</td>
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<tr>
<td>UNDETERMINED</td>
<td>1</td>
<td>1%</td>
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<tr>
<td>ASSIST - MUNI</td>
<td>1</td>
<td>1%</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>96</strong></td>
<td><strong>100%</strong></td>
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2017 REVIEW--MISSIONS

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32 Lives Saved

<table>
<thead>
<tr>
<th>RESPONDER</th>
<th>MISSIONS</th>
<th>HOURS</th>
<th>Saves</th>
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<tbody>
<tr>
<td>CAP</td>
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<td>169</td>
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<tr>
<td>AKANG</td>
<td>30</td>
<td>98.3</td>
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<td>ARNG</td>
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<td>USARAK</td>
<td>2</td>
<td>6.6</td>
<td>2</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>96</strong></td>
<td><strong>308.2</strong></td>
<td><strong>32</strong></td>
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Questions

“That Others May Live”

Since July 1994
5,467 Missions
2,299 Saves
720 Assists
10,938 Sorties
22,407 Hrs flown

2017 YTD
259 Incidents
51 Missions
18 Saves
74 Sorties
165 Hrs flown