



Sonoma County Sheriff's Office Helicopter "Henry 1"

Helicopter Unit

- **Multi-Mission Regional Rescue Helicopter**
 - Operation since 1974
 - Bell 47, Hughes 500, Bell 206/206L3, Bell 407
 - Law Enforcement, Search and Rescue, Medical Transport and Fire Suppression
 - Crew: Pilot, TFO and Paramedic
 - PSAAC Accredited Program since 2014
 - 881 calls for service FY 14/15
 - 70-100 rescue calls per year
 - 64 persons rescued FY14/15
 - Training with local and international agencies



Helicopter Unit

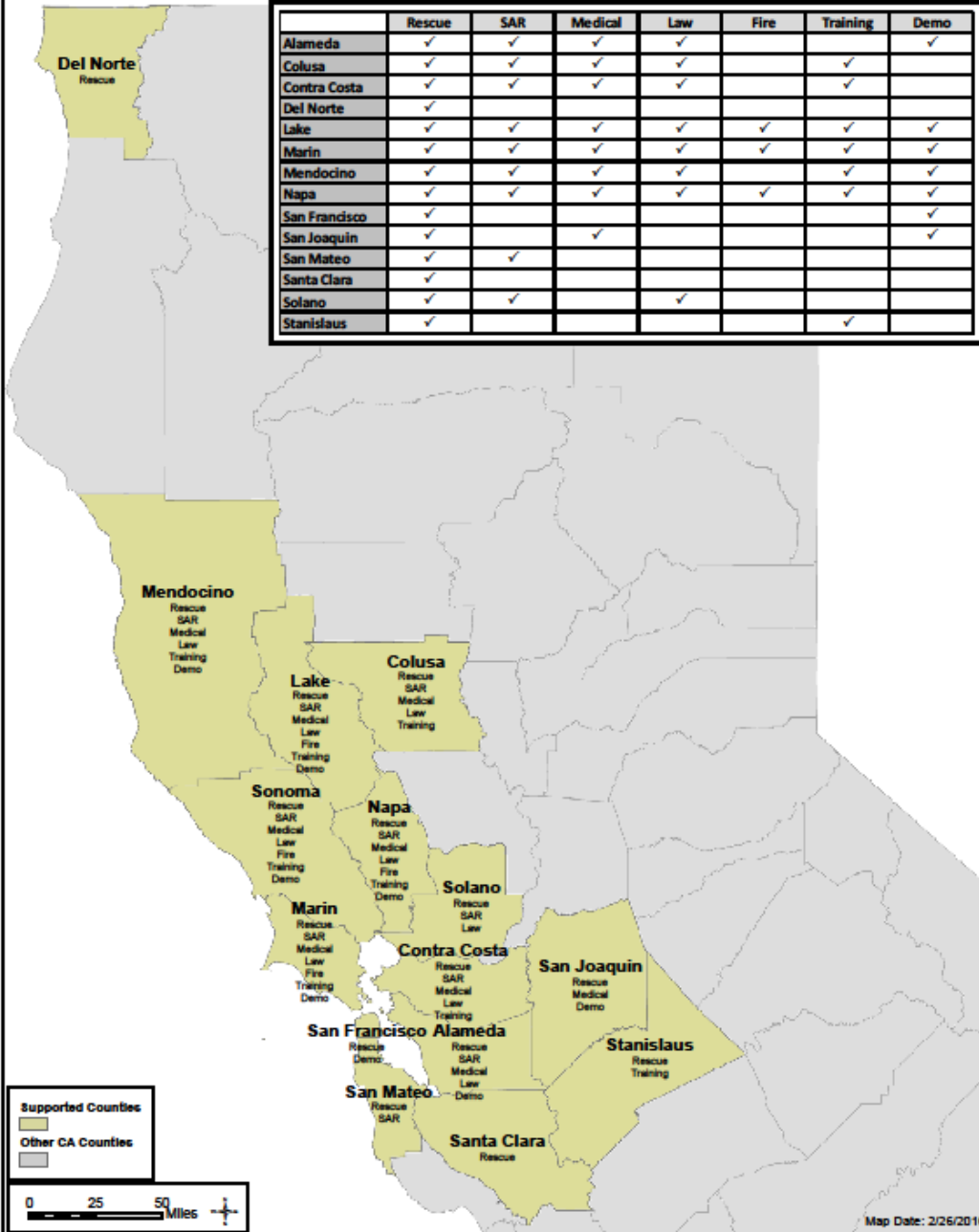


Sonoma County Sheriff's Office

Henry One Regional Support Map

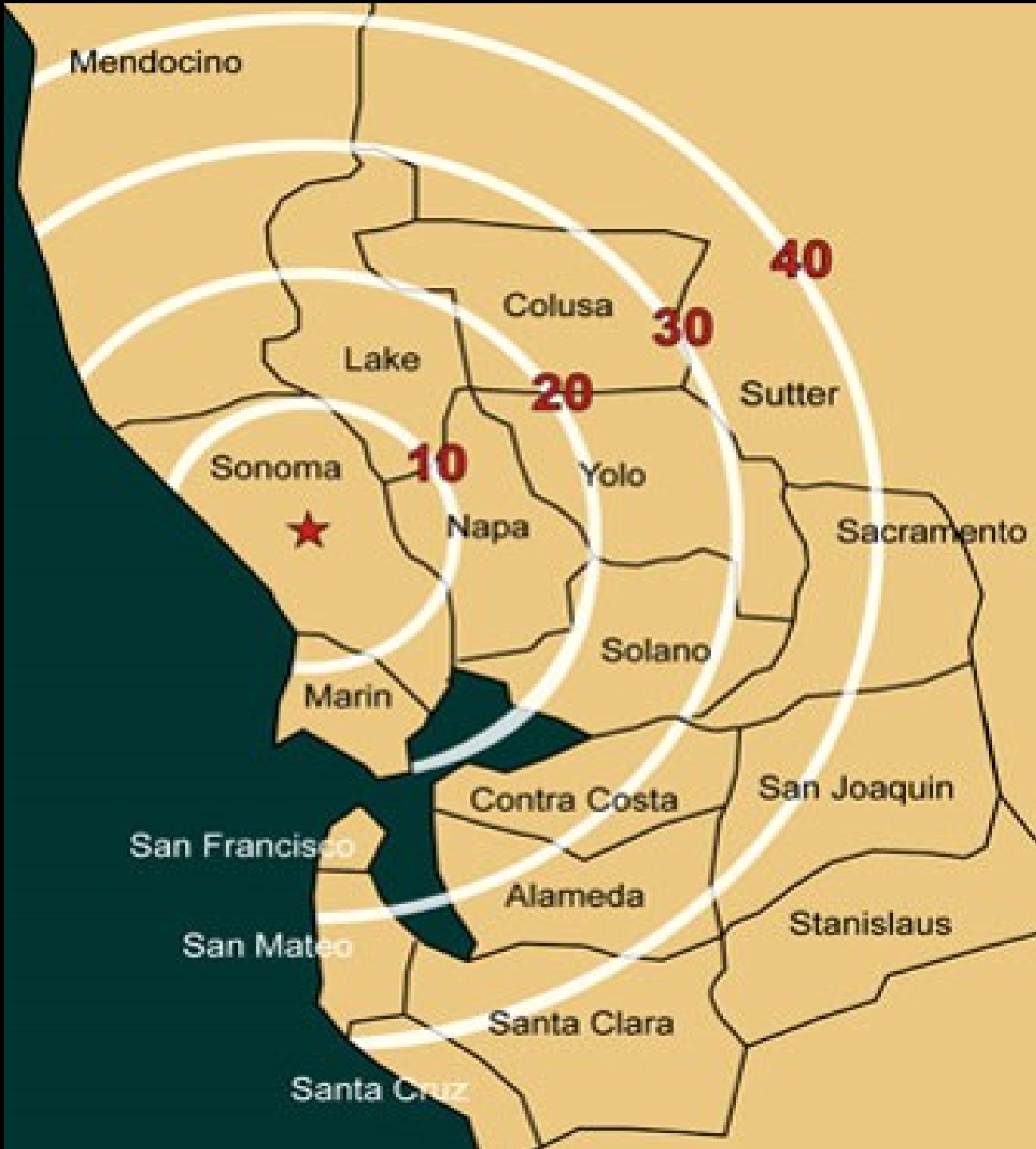


	Rescue	SAR	Medical	Law	Fire	Training	Demo
Alameda	✓	✓	✓	✓			✓
Colusa	✓	✓	✓	✓		✓	
Contra Costa	✓	✓	✓	✓		✓	
Del Norte	✓						
Lake	✓	✓	✓	✓	✓	✓	✓
Marin	✓	✓	✓	✓	✓	✓	✓
Mendocino	✓	✓	✓	✓		✓	✓
Napa	✓	✓	✓	✓	✓	✓	✓
San Francisco	✓						✓
San Joaquin	✓		✓				✓
San Mateo	✓	✓					
Santa Clara	✓						
Solano	✓	✓		✓			
Stanislaus	✓					✓	





Helicopter Unit





Future of Henry 1

Helicopter Unit

- **Flying Summer of 2018**
- **Twin Engine helicopter**
 - Increased safety, speed and range
 - Increased capability (offshore)
 - Return of infrared camera capabilities
- **Continued support of Sheriff, BOS and Allied agencies**
 - Marin Sheriff, Napa Sheriff, Solano Sheriff, Contra Costa Sheriff, Alameda Sheriff, San Mateo Sheriff and San Francisco PD



Helicopter Unit

Vital Communications

- **Multi-Mission Helicopter**
 - Henry 1 supports multiple agencies from multiple disciplines - Law, Fire, EMS, SAR
 - Henry 1 routinely uses 3 to 4 radio bands while operating in or out of Sonoma County
- **Failed Communication/Failed Mission**
 - Henry 1 locates a fresh stolen vehicle from Santa Rosa in Marinwood
 - The driver parks the stolen vehicle in a residential area in Novato
 - Unable to communicate, Henry 1 crew watches as suspect walks past 4 marked patrol cars



FLIR / Color Camera

Helicopter Unit

- **Gimbal Mounted FLIR / Color Camera System**
 - Support for Law, Fire and SAR
 - Provides crew with a view unencumbered by aircraft structure
 - Enhanced view enables crew to locate and follow suspects; mark location of discarded contraband
- **Standard in Law Enforcement Aviation**
 - H1 requested to assist CHP with pursuit from San Francisco to Santa Rosa
 - Seamless transition from CHP helicopter to H1
 - H1 provides surveillance of pursuit and immediate visual containment at termination