

Combat communicators *293rd CBCS networks global warfighters*

Photos and Story by
Kirsten Tacker
Kukini Photojournalist

As its name implies, Hawaii's Air National Guard, 293rd Combat Communications Squadron provides communication support to a warfighter anywhere in the world including a combat environment.

There are three main elements to the 293rd CBCS. The first is its theatre deployable communications that are the satellite capabilities. The second is the initial communications access package that provides telephones, computer networking, e-mail and any communications necessary to support and execute the mission in a deployed situation.

The third aspect of what the 293rd CBCS does is Eagle Vision, a commercial imagery satellite downlink station that provides imagery to Pacific Command and Pacific Air Forces, as well as state and local disaster relief teams.

"EV is the Department of Defense's only commercial imagery satellite downlink station," said Lt. Col. Joseph Garnett, 293rd CBCS commander. "There's five of them in DoD right now. Our squadron happens to be the fifth and latest most advanced division within the EV community."

Aside from the new C-17's, EV is the 293rd CBCS' and HIANG's newest mission.

"We provide any type of communications support a warfighter needs, whether it be a regular black telephone sitting on your desk or normal internet connectivity, both classified and unclassified," said Colonel Garnett. "Also, (we provide) voice support, radio support and satellite communications for the long haul reach back capability that is required on close end satellite communications support."

EV is unclassified and it provides commercial imagery to anyone paying for that particular picture. The 293rd CBCS has access to seven different satellites from around the country.

"The system is worldwide deployable," said Colonel Garnett. "We put it on a C-17, fly it wherever it needs to go and coordinate with the satellite companies for imagery support, as the satellites go over collecting imagery to receive that downlink."

The 293rd downloads all that imagery and processes it into an actual picture for the user, usually

the combatant commander or a war fighter out in the field.

"I guess the real niche for EV is for the combatant commander," said Senior Master Sgt. Reed Tsubota, 293rd CBCS. "If he wanted imagery and went through normal routine, it would take him anywhere from three weeks to months."

The 293rd has had EV for two years now, and its activity increased within the last year or so participating in a number of different exercises and deployments. The 293rd CBCS is the only unit in the Pacific theatre to have EV.

"EV provides on-scene near real-time support to a combatant commander," said Colonel Garnett.

There are a lot of variables that make near real-time support possible for EV, such as if the request comes in at the right time, if the satellite is coming overhead, if it is the right satellite and if the weather cooperates.

The whole process for the 293rd begins with a request for an image. For example Kenney Headquarters makes a request.

"The request comes into EV and EV communicates with the satellite companies to figure out what satellites are coming overhead," said Colonel Garnett. "We find out if they can take a picture and if the satellite is going to be in that particular area."

The 293rd will collect the picture and make it into a usable format for Kenney Headquarters.

"The information is sent to my ICAP guys, who provide the networking capabilities and get it processed to send it out to my satellite guys," said Colonel Garnett. "The TDC people in turn put it on their big satellite dishes for reach back capabilities and send it back to wherever the customer is, in this case Kenney HQ's. All three pieces of my triangle, ICAP, TDC and EV work together to provide services to each other."

Thirty-one people will test their skills from the 293rd, deploying with a group of more than 70 people, which is the largest deployment of CBCS at one time ever for the Air National Guard.

The communication support provided by the 293rd CBCS to a warfighter anywhere in the world including a combat environment is a vital part of the Air Force mission. Their use of EV makes everyone able to complete the tasks set before them in a combat environment.



Tech. Sgts. Silverius Alcaidy and Lawrence Lee, 293rd Combat Communications Squadron prepare the GPS antenna.



Above: Senior Master Sgt. Nolan Kanekuni, Sergeant Alcaidy, Master Sgt. Alfred Brunn and Sergeant Lee unpack tents and equipment to set up their site.



Left: Sergeant Alcaidy connects the cable to the main power distribution box.

Crossword Puzzle: History of the World, Part 1

By Capt. Tony Wickman
71st Flying Training Wing Public Affairs

ACROSS

1. Make a lap
4. Bellow
8. Auger
11. Exuberant
13. Cpl. Vernon ___; first enlisted pilot
14. Thaddeus S.C. ___; chief of the Union Army's balloon corps
15. Bird known for mimicry of human speech
16. Term for putting journalists with combat units
17. Hodgepodge
18. Animal doc
20. European mount
22. Famous cube inventor
25. ___ in Wonderland
28. Nights, briefly
31. Entertain
32. Site of Wright brothers' first flight in 1903
34. Female companion
35. Mil. address starter
36. Small colorful tropical freshwater fish
37. Confederate general
40. Mistake

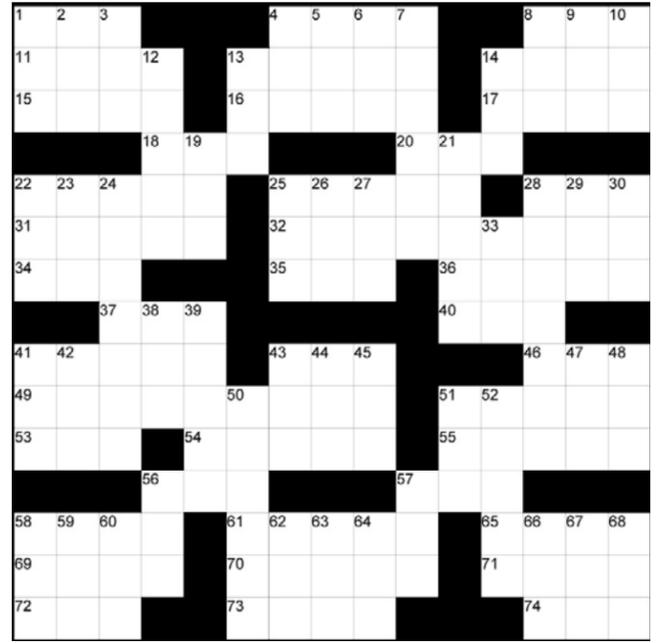
41. CNO Adm. William ___; made coastal defense agreement w/Army
43. ___ Offensive; 1968 Vietnam battle
46. Three to Cicero
49. Additional sum added to the usual cost
51. ___ Car; dropped Fat Man on Nagasaki (8/9/45)
53. Media mogul Turner
54. Navy P-3C aircraft
55. Ira ___; general developed/led daylight bombing of Germany
56. DoD telephone system
57. ___ Shorty
58. Event from 1939 to 1945
61. D-Day Beach
65. Gen. ___ Vandenberg; second CSAF in 1948
69. Bring in
70. Gen. Curtis ___; father of SAC and fifth CSAF
71. Scram!
72. Rapping doc
73. Puts on MOPP gear
74. Coffee holder

DOWN

1. Summer of ___ (1999)

2. William ___ Baldwin; balloonist and parachute specialist
3. Sn on Periodic Table
4. Alcoholic liquor distilled from molasses or sugar cane
5. Sphere
6. Iron or Bronze
7. Make ready for publication; as in Privacy Act documents
8. Earthlink competitor
9. Event from 1914 to 1918
10. Scientist Szilard; advocated building atomic bomb to FDR
12. First black USAF general; led Tuskegee Airmen in 1943
13. Wager
14. Snip
19. ___ out a living; get by
21. Battle of ___ Gulf; October 1944 monumental sea battle
22. Scrap of cloth
23. Actress Thurman
24. Eugene ___; first black pilot to score an aerial victory
25. Alias, in brief
26. Sass
27. Simpson trial judge
28. Gen. Mason ___; chief of the Army Air Service /Army Air Corp
29. US Army network of support and leisure services, briefly

30. Popular 1960s Jamaican music
33. In ___ Shoes (2005)
38. Continuing in the same way, briefly
39. Distinctive spirit of a culture
41. Standard time in eighth time zone west of Greenwich, briefly
42. Lament
43. Cycle and pod lead-in
44. Exaggerated sense of self-importance
45. Yards for first down
47. Nickname for Supreme Allied Commander, later POTUS
48. Mission for UAVs
50. Only General of the Air Force; Air Force pioneer/advocate
51. Bonnet denizen
52. Formal declaration to fulfill a pledge; taken at enlistments
56. Obligato
57. Enola ___; dropped Little Boy on Hiroshima (8/6/45)
58. Marry



59. Part of 58 ACROSS
60. Anger
62. USAF program to promote harassment-free environments
63. USAF E-2

64. Owns
66. Unit of resistance
67. Mad About ___
68. A coat or cloak

See SOLUTION, B5

AT THE MOVIES

Memorial Theater 448-2297 • CLOSED Monday and Tuesday

Friday, Sunday and Wednesday, 7 p.m.

You, Me and Dupree – Carl and Molly Peterson are just starting their new life together, complete with a cute house, boring neighbors, stable jobs and the routines of newlywed existence. There's just one unfortunate hitch in their perfectly constructed new world. And his name is Dupree. Randy Dupree, Carl's oldest friend and perpetual bachelor, has found himself with nowhere to go after being fired. Starring Owen Wilson,

Kate Hudson. Rated PG-13 for sexual content, brief nudity, crude humor, language and a drug reference.

Saturday and Thursday, 7 p.m.

Little Man – Fate brings a childless couple a bundle of joy – who happens to have a criminal record. Calvin Simms is a master criminal who with the help of his friend and sidekick, Percy, plans a daring robbery of museum where one of the world's

largest diamonds is on display. Calvin is able to get inside secure areas in his size. While Calvin is able to get the diamond, he's nearly caught by the police while making his getaway, and stashes the jewel in a bag carried by a passerby. Eager to recover the diamond from the unwitting accomplice, Calvin and Percy figure out a way to get into his house. Starring Marlon Wayans, Shawn Wayans. Rated PG-13 for crude and sexual humor throughout, language and brief drug references.

Jackie Hites

15th Airlift Wing Public Affairs

Hickam Heroes**Tech. Sgt. Steven Thompson**

15th Airlift Wing Protocol

15th AW/PA rocks because: We control rumors and deliver the facts.

My job affects all of Hickam in that: We provide on-time information management support.

When not at work, I spend my off duty time: Socialize with close friends, community volunteer work and look for investment opportunities.

Something people don't know about the 15th AW/PA: The office involves almost every liaison aspect between Hickam and local community to be better connected with what's happening on our base.

If I could change one thing about Hickam, it would be: Help Team Hickam members become financially savvy individuals

What the supervisor has to say: Ms. Hites' pride and professionalism are evi-



dent in everything she does in the office. The office would not be the same without her.

Maj. Clare Reed, 15th AW/PA

15th AW/CCP rocks because: We are the focal point for all distinguished visitors that arrive at Hickam. We have the unique opportunity to meet many distinguished visitors from all different services and many different countries as they travel to and from Hickam. We also have the opportunity to work with many of the units around Hawaii by assisting them with their change of commands, promotions, retirements and many other ceremony that arise.

My job affects all of Hickam in that: As Protocol we are a vital part of Hickam in that we are the focal point for all distinguished visitors and all ceremonies that happen here.

When not at work, I spend my off duty time: I divide my off duty time between Angelina my wife and my two kids Aimee and Tyler and being a Boy Scout leader, scuba diving and riding my jet ski.

Something people don't know about the 15th AW/CCP: The many details and hours that go into setting up a distinguished visitors visit, and putting together a ceremony that everyone can enjoy.

If I could change one thing about Hick-



am, it would be: The only complaint I have with Hickam is the lack of parking.

What his supervisor has to say: Sergeant Thompson is truly an asset to the protocol office. His can-do attitude and attention to detail are essential in the day-to-day operations of Team Hickam. Bravo Zulu for all his hard work.

Donna Watson, 15th AW/CCP

CHAPEL

Editor's note: For more information on Base Chapel services or for prayer requests call the Chapel Center at 449-1754 or Nelles Chapel at 449-6562.

PROTESTANT

Nelles Chapel
 Sunday Contemporary Service
 8:30 a.m.
 Sunday Gospel Worship 11:15 a.m.
 Sunday Praise Gathering 5:30 p.m.
 Chapel Center
 Sunday Traditional 8:30 a.m.

JEWISH

Aloha Jewish Chapel,
 Pearl Harbor – 473-0050

Jewish Lay Leader Mr. David Bender
 527-5877
 Naval Station Chapel – 473-3971

CATHOLIC

Nelles Chapel
 Weekday Mass
 11:30 a.m.
 Saturday Confessions
 4:15 p.m.
 Saturday Mass 5 p.m.
 Chapel Center Sunday Mass 10 a.m.

ISLAMIC

Friday Congregational Service (1935
 Aleo Place, Punahou) 1 p.m.
 Muslim Association of Hawaii
 947-6263

BUDDHIST

Honpa Hongwanji Hawaii Betsuin A
 Shin Buddhist Temple – 536-7044

ORTHODOX

For more information, call 438-6687

Team Hickam History

The Air Force's most historic airfield

Aug. 19, 1933 – Waimanalo Military Reservation was redesignated as Bellows Field in honor of 2nd Lt. Franklin B. Bellows, 50th Aero Squadron. Lieutenant Bellows was awarded the Distinguished Service Cross for extraordinary heroism in action near St. Mihiel, France. He was killed Sept. 13, 1918 while performing a reconnaissance mission.

Aug. 21, 1939 – The Fire Station and Guardhouse building was completed at Hickam Field,

at a cost of \$59,362.10, with a stated capacity of "4 trucks, 36 men, and 33 prisoners."

Aug. 18, 1955 – The 15th Fighter Group (Air Defense) was activated and assigned to the 4707th Air Defense Wing, stationed at Niagara Falls Municipal Airport, New York. The group was equipped with F-86s, and later F-102 aircraft, and performed air defense operations for the Syracuse Air Defense Sector until July 1960, when it was discontinued.

SOLUTIONS, From B2

S	I	T	R	O	A	R	A	W	L					
A	V	I	D	B	U	R	G	E	L	O	W	E		
M	Y	N	A	E	M	B	E	D	O	L	I	O		
	V	E	T		A	L	P							
R	U	B	I	K	A	L	I	C	E	P	M	S		
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S	U	R	C	H	A	R	G	E		B	O	C	K	S
T	E	D		O	R	I	O	N		E	A	K	E	R
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Hurricane preparedness

Jenny

IS THAT THE HURRICANE PREPAREDNESS LIST FROM THE HOUSING OFFICE?

YES - IT SCARES ME THAT I MIGHT NEED ALL OF THIS STUFF. WE DIDN'T HAVE HURRICANES IN COLORADO.

YES, BUT...

JUST PREPARE AS IF YOU'RE GOING ON A CAMPING TRIP IN COLORADO... A VERY WET AND WINDY CAMPING TRIP! HAHA

VERY FUNNY...

LOOK, FOLLOW THE LIST AND YOU'LL BE FINE...

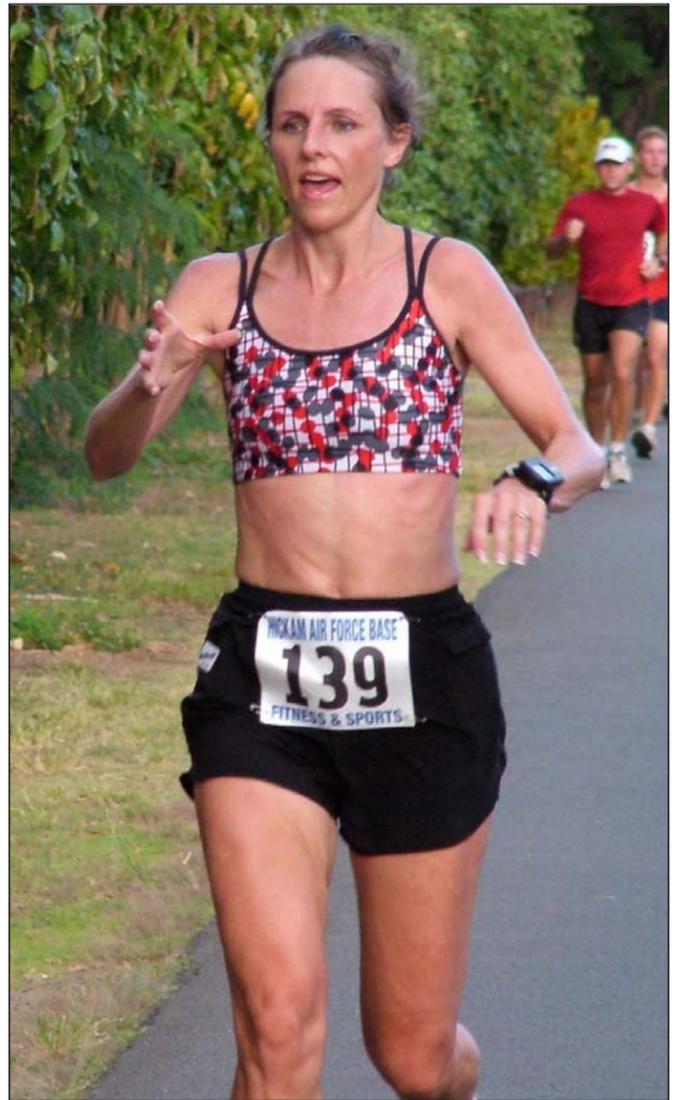
...BUT DON'T WORRY ABOUT THE PART WHERE IT SAYS "ROWBOAT". I'VE GOT ONE...I'LL JUST FLOAT BY AND PICK YOU UP...

YOU'RE SO NOT REASSURING ME, CHANDRA!

RELAX, JENNY, YOU CAN DO THIS.

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Hickam members run in inaugural half marathon



Photos by Kirsten Tacker

Above: Rosemary Spraker reaches for water halfway to the finish line. More than 130 participated in Hickam's inaugural half marathon. Top left: Participants ran from the track to Mamala Bay and back.

Hickam Half Marathon Results

Overall Men's Winners:

- 1st: Jessie Peterson (1:18:11)
- 2nd: Ryan Kuck (1:27:17)
- 3rd: Delfino Anguiano (1:27:55)

Overall Women's Winners:

- 1st: Stefy Matsumura (1:38:29)
- 2nd: Rosemary Spraker (1:43:56)
- 3rd: Carla Myers (1:44:59)

Youth 17 and under:

Overall Grand Champion:

- Benjamin Blake (1:44:42)
- 1st Place: Dana Dixon (1:54:00)
- 2nd Place: Cody Spraker (1:54:49)
- 3rd Place: Ariale Montgomery (2:56:01)

Women's 18-29 Years

- 1st Place: Anastasia Novosyolova (1:46:14)

- 2nd Place: Sandra Taylor (1:49:20) AND SHE WAS 20 WEEKS PREGNANT
- 3rd Place: Amanda Green (1:51:49)

Women's 30-44 Years

- 1st Place: Stefy Matsumura (1:38:29)
- 2nd Place: Rosemary Spraker (1:43:46)
- 3rd Place: Rebecca Loflin (1:46:56)

Women's 45-54 Years

- 1st Place: Carla Myers (1:44:59)
- 2nd Place: Denise Smiley (2:01:44)
- 3rd Place: Irene Takami (2:12:17)

Women's 55+ Years

- 1st Place: Della McIntyre (2:32:45)

Men's 18-29 Years

- 1st Place: Ryan Kuck (1:27:17)
- 2nd Place: Rodney Elliot (1:28:41)
- 3rd Place: Erik Delgadillo (1:28:44)

Men's 30-44 Years

- 1st Place: Jesse Peterson (1:18:11)
- 2nd Place: Tony Dant (1:34:24)
- 3rd Place: Richard Parkinson (1:35:07)

Men's 45-54 Years

- 1st Place: Delfino Anguiano (1:27:55)
- 2nd Place: Bernie Still (1:29:59)
- 3rd Place: Jay Cota (1:29:59)

Men's 55 + Years

- 1st Place: Frederick Mark (1:41:44)
- 2nd Place: Ken Best (1:55:14)
- 3rd Place: Ed Echeverria (2:38:17)