

SBE CHAPTER 52

NEWS LETTER

CONNECTIONS



April 5 - 10, 2014 Las Vegas Convention Center
Exhibits April 7 - 10 Las Vegas, Nevada USA



The January Meeting hopefully kicks off a High Flying New Year for the Chapter. Our January speaker is **Mr. Victor Brewer**, from **Aerial Image Solutions**. His talk will be on **DRONES** or **UAVs** and their use in **AERIAL PHOTOGRAPHY**. Drones or UAVS are in the news on many fronts, including package delivery, real estate, police and fire protection, surveying, surveillance, agricultural crop and land analysis, soil conservation, forestry, natural resources particularly oil and gas prospecting. There are many concerns regarding drones, including some real (privacy and aviation safety) and some merely hand wringing.

Meeting time and location:

Thursday, January 30, 2014,

6:30 PM for refreshments, 7:00 for the program.

MILLS JAMES PRODUCTIONS, 3545 FISHINGER BLVD.

COLUMBUS, OHIO 43026.

Driving directions to Mills James Productions:

Traveling north or south of I-270 on the west side of Columbus, exit at Exit 13 at Hilliard-Cemetery Road. Go east on Hilliard-Cemetery Road toward Fishinger Blvd.—Upper Arlington. Travel approximately 0.8 miles on Fishinger Blvd., turn right into parking lot at Mills James, 3545 Fishinger Blvd.

Traveling north or south on Riverside Drive/US33, travel to Fishinger Road. Go west on Fishinger Road, crossing the bridge over the Scioto River. Fishinger Road becomes Fishinger Blvd., travel approximately 1.2 miles to 3545 Fishinger Blvd. Mills James is on the left. Turn left into the parking lot.

“Aerial Image Solutions is an Ohio based company that provides low altitude, high resolution aerial imagery services. We utilize customized unmanned aircraft as our camera platforms. This, in conjunction with GPS electronics, the latest cameras, and a gyro stabilized brushless gimbal, provide a super stabilized aerial platform and stunningly clear, high resolution images.

Our unmanned aircraft can be deployed quickly with minimal equipment. Typically, our aerial images are captured from altitudes of anywhere from 100 to 400 feet AGL (Above Ground Level). This lets us obtain images from angles and perspectives which full-sized aircraft cannot. Because of its small size, the unmanned aircraft can safely take-off and land in tight areas. It is also quiet and unobtrusive. Photographs and video can typically be provided to the customer within the same day of the shoot.”

THE AIS TEAM



Victor Brewer
Pilot & Photographer



Tyler Drenan
Director &
Cinematographer



Lee Brewer
Project Coordinator



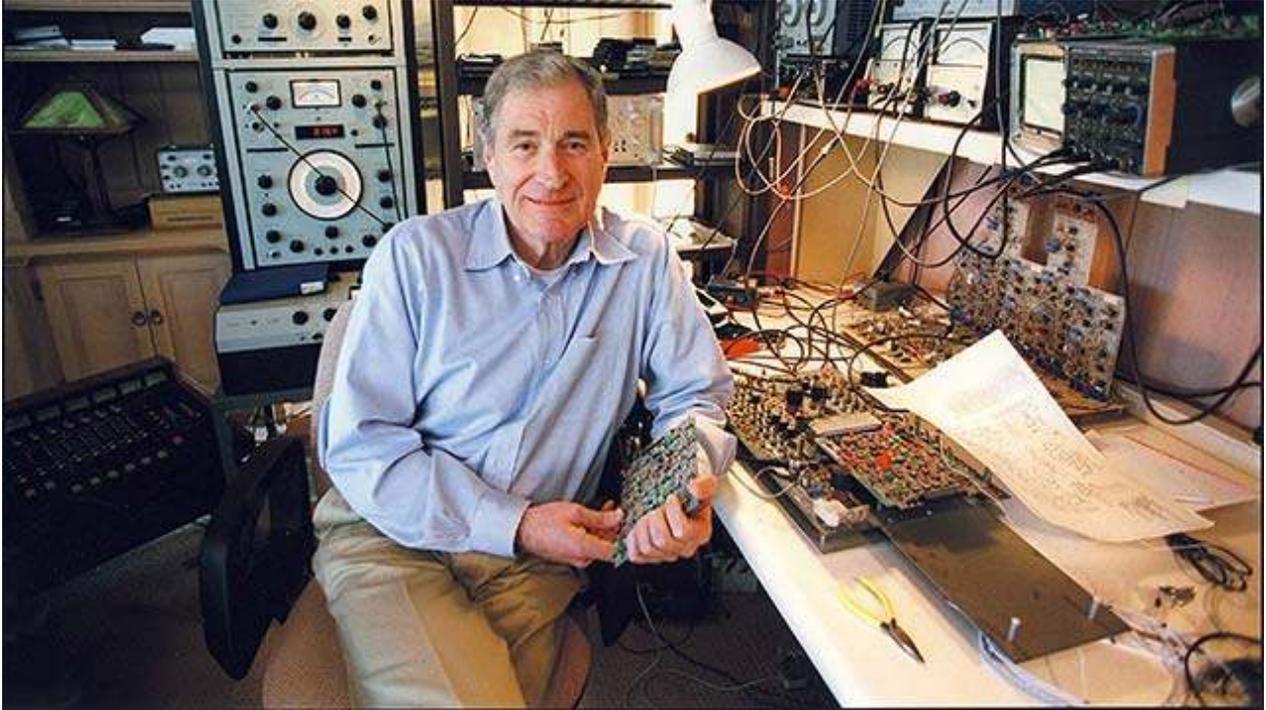
Aerial Image Solutions is composed of a team of people with a diversity of backgrounds, disciplines and knowledge. This diversity has allowed us to think outside the box when it comes to the variety of aerial imaging services that we can offer. The technology and equipment that we utilize is cutting edge. And one of our business goals is to stay at the forefront of UAV technology, photography and cinematography. Staying at the forefront of technological advancement in this industry feeds our drive to deliver only the highest quality end product to our clients.

When we say that we strive for perfection, we mean it. We are continually looking for ways to improve and deliver superior service. We are our own worst critics. We review and critique our work product before we let anyone else see it. If it doesn't meet our strict standards, we do it again until we feel we have gotten it right. When you hire us, you can be sure we won't be satisfied until you're satisfied. You can take that to the bank.

A Sampling of some Aerial Image Solutions products.



Remembering **Ray Milton Dolby**, a giant in the audio world. Born January 18, 1933 in Portland, Oregon, died September 12, 2013 (aged 80), San Francisco, California.



Ray Milton Dolby, was an American engineer and inventor of the noise reduction system known as Dolby NR. He helped develop the video tape recorder while at Ampex. He was the founder of Dolby Laboratories. He was also a billionaire and a member of the Forbe 400 with an estimated net worth of US\$2.9 billion in 2008 although as of September 2012 it was estimated to have declined to \$2.4 billion.

Dolby was born in Portland, Oregon, the son of Esther Eufemia (née Strand) and Earl Milton Dolby, an inventor. He was raised in San Francisco and attended Sequoia High School (class of 1951) in Redwood City, California. As a teenager in the decade following World War II, he held part-time and summer jobs at Ampex in Redwood City, working with their first audio tape recorder in 1949. While at San Jose State College and later at Stanford University (interrupted by two years of Army service), he worked on early prototypes of video tape recorder technologies for Alexander M. Poniatoff and Charlie Ginsburg. As a non degree-holding "consultant", Dolby played a key role in the effort that led Ampex to unveil their prototype Quadruplex videotape recorder in April 1956 which soon entered production.

In 1957, Dolby received his B.S. in electrical engineering from Stanford. He subsequently won a Marshall Scholarship for a Ph.D. (1961) in physics from the University of Cambridge, where he was a Research Fellow at Penbroke College.

After Cambridge, Dolby acted as a technical advisor to the United Nations in India, until 1965, when he returned to England, where he founded Dolby Laboratories in London with a staff of four. In that same year, 1965, he officially invented the Dolby Sound System, a form of electronic filter, although his first U.S. patent was not filed until 1969, four years later. The filter was first used by Decca Records in the UK.

Dolby died of leukemia on September 12, 2013, at his home in San Francisco at the age of 80. Dolby was survived by his wife Dagmar, two sons, Tom and David, and four grandchildren. Kevin Yeaman, president and chief executive of Dolby Laboratories, said "Today we lost a friend, mentor and true visionary". Neil Portnow, president of the National Academy of Recording Arts and Sciences, said Dolby had "changed the way we listen to music and movies for nearly 50 years" and that Dolby's "technologies have become an essential part of the creative process for recording artists and filmmakers, ensuring his remarkable legacy for generations to come."

Dolby noise reduction principle

The analog Dolby noise-reduction system works by increasing the volume of low-level high-frequency sounds during recording and correspondingly reducing them during playback. This reduction in high-frequency volume reduces the audible level of tape hiss.

Awards and honors

- 1971 – [AES](#) Silver Medal
- 1979 – [51st Academy Awards](#) – [Academy Award, Scientific or Technical](#) (Scientific and Engineering Award) [plaque]
- 1983 – [SMPTE](#) Progress Medal *For his contributions to theater sound and his continuing work in noise reduction and quality improvements in audio and video systems and as a prime inventor of the videotape recorder*
- 1985 – [SMPTE Alexander M. Poniatoff](#) Gold Medal
- 1986 – honorary Officer of the [Most Excellent Order of the British Empire](#) (OBE)
- 1988 – [Eduard Rhein Ring of Honor](#) from the German [Eduard Rhein Foundation](#)
- 1989 – [61st Academy Awards](#) – [Academy Award, Scientific or Technical](#) (Academy Award of Merit) [statuette]
- 1989 – [Emmy Award](#) by the [National Academy of Television Arts and Sciences](#) (NATAS)
- 1992 – [AES](#) Gold Medal
- 1995 – Special Merit/[Technical Grammy Award](#)
- 1997 – U.S. [National Medal of Technology](#)
- 1997 – [IEEE Masaru Ibuka Consumer Electronics Award](#)
- 1999 – honorary Doctor degree by the [University of York](#)
- 2000 – honorary Doctor of Science degree from [Cambridge University](#)
- 2003 – [Charles F. Jenkins](#) Lifetime Achievement Award by the [Academy of Television Arts & Sciences](#)
- 2004 – inducted into the [National Inventors Hall of Fame](#) and the [Consumer Electronics Hall of Fame](#)
- 2010 – [IEEE Edison Medal](#)
- 2014 – Star on the [Hollywood Walk of Fame](#)

Some thoughts by Ray Dolby on Success and Inventing:

On Success:

—"I was never a gold-digger, or an Oscar-digger, or anything like that. I just had an instinct about the right sort of things that should be done in my business. So all these things just fell into place."

—"I think I was both lucky and I was also straightforward with people, and I think they liked that attitude."

—"There is no major next step. It's a matter of constantly being aware of one's environment, of keeping track of what's happening in the various industries that we're operating in and just sort of sensing what's possible and what's not possible, what's needed, what's not needed—just having all your antennae going, sensitized to all the signals that are out there."

On Inventing:

—"I've often thought that I would have made a great 19th century engineer, because I love machinery. I would have liked to have been in a position to make a better steam engine, or to invent the first internal combustion engine; to work on the first car. All my life, I've loved everything that goes; I mean bicycles, motorcycles, cars, jeeps, boats, sail or power, airplanes, helicopters. I love all of these things, and I just regret that I was born in a time when most of those mechanical problems had already been solved and what remained were electronic problems."

—"Remember that most of my life was that of an adventurer, not of somebody who is trying to invent something all the time. I wanted the experience of traveling to many parts of the world. Inventions were part of my life, but they didn't overtake everything that I was doing."

—"To be an inventor, you have to be willing to live with a sense of uncertainty, to work in this darkness and grope towards an answer, to put up with anxiety about whether there is an answer."

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Now on Facebook & Twitter! Check them out!

Robert Holden, SBE Chapter 52 Webmaster, has opened a Facebook and a Twitter Account for Chapter 52 to help to communicate better with Chapter 52 Members.

Jobs Online

Check out the latest broadcast industry job openings across the nation. For information on submitting or accessing positions, contact Scott Jones at kjones@sbe.org or visit: www.sbe.org, click on Jobs then SBE JobsOnLine.

Resume Bank

Deposit your resume where prospective employers can view your profile and make a withdrawal from SBE. For information on submitting or accessing resumes, contact Scott Jones at kjones@sbe.org or visit: www.sbe.org, click on Jobs then SBE Resume Service.



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What's On Your Mind?

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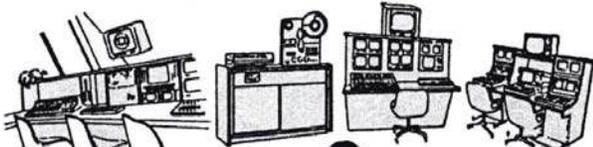
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Your AD here could draw quite a crowd like SBE members to an Outback Steak Dinner.

CHAPTER 52 MEETING JUNE 1, 2006 AT THE OSU AIRPORT



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