National Aeronautics and Space Administration





Home, tweet home Dryden organizers showcase center at first NASA Social

By Jay Levine X-Press Editor

About 50 followers of NASA's social media accounts on Twitter, Facebook and Google+ attended Dryden's first NASA Social May 4, an all-day behind-the-scenes look at the

center's planes, people and projects. More than 390 people applied on the NASA social media website to attend the Dryden NASA Social and the finalists were randomly selected. In addition, eight mainstream media representatives attended. The Dryden Social Media site notched 930,000 impressions during the event. That's up from a daily average that ranges from 8,000 to 30,000 impressions. Impression is a Twitter term about how many people were likely to have received sent messages.

Lisa Mattox, who organized Dryden's NASA Social, said the feedback has been really good. "We had an enthusiastic group

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What tweeters said about NASA Social at Dryden

The following are some selected tweets from May 4 Dryden Social. Craig Fifer

@CraigFifer One of the biggest take aways from the Dryden Social is that NASA stands for aeronautics as much as for space. Tim Scott @ImDuta They can sonic boom over my place anytime!

Kim Luu @moneyandrisk Thank you NASA Dryden for an amazing visit. You were the perfect hosts. Camryn Prevóst @CamrynPrevost Flight Opportunities Program strives to make space accessible.

Just took a picture with a NASA test pilot!

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NASA photo by Tom Tschida

Social media learned about NASA's Ikhana, which is a Predator B aircraft, as part of Dryden's first NASA Social.

at Dryde



First C-17 arrives in Ohio

By Gray Creech Dryden Public Affairs

The U.S. Air Force's first C-17 Globemaster III, known as the T-1 aircraft, arrived April 25 at the National Museum of the U.S. Air Force at Dayton, Ohio, where it will become part of the museum's permanent exhibit of historic aircraft.

NASA research test pilot Frank Batteas, Dryden associate director for Flight Operations, was one of three pilots who ferried the first C-17 to Wright-Patterson Air Force Base. Batteas, who was assigned to the C-17 program as an Air Force ED11 0125-17 coming to NASA, flew chase on C-17 T-1's first flight back in 1991.

Force museum for many people to efforts included noise mitigation, and test this aircraft."



test pilot for four years before The first C-17 Globemaster, which was based at Edwards Air Force Base, takes off from Edwards for Ohio.

"I'm fortunate to be a part of this Air Force and NASA test missions. Research Center, Cleveland, and great aircraft and its development After completing the extensive C-17 Pratt & Whitney, to use the aircraft Hollywood appeal. The aircraft since the beginning," Batteas said. flight test program, the T-1 aircraft to complete the first phase of the "It's a fitting tribute to the designers, supported many other flight and Vehicle Integrated Propulsion engineers, maintenance and aircrew propulsion test programs for the Research, or VIPR, project ground that this aircraft will reside at the Air Air Force, NASA and others. Joint tests. enjoy. It has been my pleasure to fly throttle-only and engine health 15, 1991, when it was delivered to Man," "Transformers: Revenge of management projects.

NASA photo by Tony Landis

T-1 made its first flight on Sept. After he joined Dryden, Batteas The Air Force and Dryden Edwards Air Force Base, Calif., for current production of "Superman: occasionally flew the aircraft on joint partnered with NASA Glenn testing. McDonnell Douglas built Man of Steel."

the aircraft at the company's plant in Long Beach, Calif.

This C-17, No. 87-0025, was essentially hand-built for the sole purpose of developmental test and evaluation, with an estimated life span of five years. The aircraft was periodically refurbished as its lifespan grew from five to 21 years.

Joining Batteas on the flight crew for C-17 T-1's last flight were Air Force Maj. Eric Bippert, commander; Air Force Maj. Charles Cain, pilot; and Air Force loadmaster MSgt. Paul Varnish, all of the AFFTC's 418th Flight Test Squadron. Loadmaster Gary Briscoe of The Boeing Co. rounded out the flight crew.

In addition to its role as a flight test aircraft, T-1 also had appeared in country superstar Toby Keith's Emmy Award-winning music video "American Soldier." T-1 also appeared in five movies including: "Transformers," "Iron the Air Force Flight Test Center at the Fallen," "Iron Man 2" and the



By Alan Brown and **Beth Hagenauer**

Dryden Public Affairs

Science aircraft has concluded its that were not in the original plan. and surrounding sea ice fields, the changing elevations over a period four-week deployment to validate "The weather cooperated, the plane Jacobshavn, Svalbard and East data acquired by the Multiple worked well as did the science Glaciers, and a volcano in Iceland. Altimeter Beam Experiment Lidar, instruments." or MABEL, laser altimeter over the The ER-2 flew more than 100 Tim Williams, Dryden's senior Greenland ice cap and surrounding hours on 16 flights in the MABEL representative on the deployment, sea ice fields.

half hour transit flight from its Greenland and surrounding sea by the MABEL laser altimeter, deployment base in Keflavik, ice areas and two transit flights the Cloud Physics Lidar and other MABEL and IceSAT-2 during Iceland, NASA ER-2 pilot Stu Broce between Keflavik and its home base instruments on board the ER-2 a speech on climate by Iceland's landed ER-2 No. 806 April 27 at in Palmdale. Several of the flights during the mission. the Dryden Aircraft Operations were conducted concurrently and MABEL was developed at and embassy personnel, and to Facility in Palmdale. The flight from on the same flight tracks as flights NASA's Goddard Space Flight middle- and high-school students, Iceland included data collection of other NASA environmental Center to simulate a similar the University of Reykjavik and from the MABEL instrument over science aircraft involved in the instrument planned for NASA's the Keiler Aviation Academy in a portion of forest in Wisconsin. Arctic IceBridge campaign in order IceSat-2 environmental satellite Keflavik.

"We completed 100 percent of the to compare MABEL data with science flights," said Broce, noting instruments on the other aircraft. that they were able to acquire data NASA's high-flying ER-2 Airborne on several additional ad hoc targets wide areas of Greenland's ice sheets

validation campaign, including noted that more than 5.5 After an almost 10 and one- 14 data collection flights over terrabytes of data were collected and educational outreach activities

Targets of the flights included NASA ER-2 research pilot

that is scheduled for launch in 2016. Scientists consider laser altimetry from satellites or aircraft to be the most accurate method of gauging of time, and thus determine the thickening or thinning of Arctic or Antarctic ice fields and sea ice related to climate change.

Flight and science team members participated in public in Iceland, including briefings on president, to the U.S. ambassador



NASA illustration

This map depicts the closure of Dryden's main entrance on Lilly Avenue during the first-phase of a project to refurbish and replace roads around the center.

Entrance temporarily closed

By Jay Levine

X-Press Editor

The main entrance to Dryden will close May 21 and remain so throughout the summer while Lilly Avenue is repaired and repayed.

The temporary entrance will be located on Thompson Drive. Thompson Drive will be accessible from Forbes Avenue, which becomes Swann Avenue as motorists approach Dryden. Detour signs will mark the new path beginning on Rosamond Boulevard. Protective Services officers will staff the temporary Dryden entrance at the intersection of Walker Avenue and Thompson 24 hours a day, seven days a week during the road repair project.

"We are working to let people know what's happening so we can minimize the disruption to people's daily lives. The multi-phase pavement project will include replacing asphalt, resurfacing and slurry seal," project manager Vicki Gray said.

For people who work at the Dryden communication site, buildings 4824 and 4870, access will be permitted from Lilly with detour signs beginning on Rosamond showing the route to those facilities during the construction.

Access to the special projects Building 4847

currently housing the X-48 project will be available by continuing down Thompson and following the signs.

The first part of phase one includes work on the section of Lilly from the communication buildings to past McKay up to the special projects Building 4847. Also closed will be the sections of Swann between Lilly and Thompson and the section of Walker from Lilly to Thompson.

The NASA gas station can be reached from Swann via Thompson for employees coming from Dryden, or Forbes for employees heading toward Dryden.

During the second part of phase one road repairs, the section of Lilly from the communication buildings past McKay to Building 4847 will be re-opened, but the main Lilly entrance to Dryden will remain closed. The second part of phase one roadwork will occur on Lilly from Rosamond to the communications buildings and on Lilly from Building 4847 to the flight line area.

Project officials anticipate that phase one will be the most disruptive of the multi-phase road and flightline repair work. In addition to roadwork planned for other phases, the project also includes concrete work on the Dryden taxiways to repair cracks, joints and spalls.

News at NASA Space tech advancing

A rocket launched by one of NASA's Flight Opportunities Program suborbital launch providers, UP Aerospace of Denver, Colo., reached 385,000 feet altitude, or 73 miles high, during a flight that carried a small NASA payload April 5 at New Mexico's Spaceport America.

UP Aerospace' SpaceLoft 6 launch was a mission by the Operationally Responsive Space Office of the Department of Defense, which had extra space available for the NASAdeveloped payload, the Suborbital Flight Environment Monitor. It was a risk reduction opportunity in preparation for the upcoming SpaceLoft-7 NASA mission in August 2012. Technology validation flights help reduce risks associated with emerging technologies and procedures for future space missions by demonstrating their application in a relevant environment.

In a related development, NASA's Flight Opportunities Program released its fourth Announcement of Flight Opportunities request for proposals April 4 with responses from potential participants due in early May. Notification of selectees is targeted for July 2012.

Payloads are selected for the crosscutting technologies that advance multiple future space missions toward flight readiness status. Although NASA does not provide funding for the payloads themselves, it provides funds for the launch of these payloads to enable the payload developers to have access to NASA's contracted launch providers.

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Social media... from page 1

attend our social from all over the efficiency are some of the benefits. United States," she said. "They used social media to help us reach new audiences with what we do at adds to people's lives."

center's current research projects everyday life." and missions.

clerk, also had the chance to speak support aircraft during a tour of of the first aircraft to penetrate the Dryden's facilities, including an sound barrier. Jim Less created the opportunity to sit in the cockpit boom in a Dryden F/A-18 during of an F/A-18 aircraft.

Among research projects and social were Automatic Collision in flight. Avoidance Technology, or ACAT, the Flight Opportunities Program, Airborne Science, Environmentally Responsible Aviation, and sonic boom analysis and mitigation.

many people might be familiar with aerodynamic innovations proved at Dryden to benefit military, commercial and private Dryden researched ways to avoid aviation, some of that same the single biggest cause of aircraft technology is also on cars. For accidents and deaths - ground into 180 mb, he said. example, technology developed collisions. The systems developed with the 1972 F-8 Digital Fly- may one day make a potential a little further off the ground, Swan, Structural Fabrication Branch by-Wire aircraft resulted in no accident no more than, "a gentle Dryden's Flight Opportunities chief, who explained elements mechanical connection between the cockpit controls and the flight control surfaces of the aircraft. Newer model cars are tapping manager, later explained the commercial space, encouraging Dryden's Jim Ross, multimedia the same technology for braking system from the F-16 was and facilitating industry growth supervisor discussing aerial systems, cruise control and the gas modified as an application from a and developing technology photography, and Lori Losey, senior pedal. Weight reduction and fuel smart phone that was researched needed for getting the payloads to video producer/director, explaining

Dryden researched the shape of soaked up all the information we additional aerodynamic fairings provided for them through staff in the 1970s, which resulted in a presentations and a walk through revolution in semi truck design to some of our facilities. They then achieve improved fuel economy, Gelzer explained.

"The thing that impresses me Dryden and the value that NASA the most is the research at Dryden that benefits so many people," NASA social media followers, commented Craig Fifer, one of the who came from as far away as New NASA Social attendees. "A lot of York and Florida, were briefed on the time research seems abstract, the center's history and role within but we saw the connection about NASA, as well as several of the what NASA does that applies to

Early on, participants were Participants, who represented told about supersonic flight and a wide cross section of the reducing the loud booms produced population such as government when an aircraft pierces the sound scientist, filmmaker and a city barrier from Dryden's expert, NASA aerospace engineer Ed Haering. with Dryden engineers, pilots Following his presentation, and technicians. The social media attendees were able to see and feel a group also was offered a closer sonic boom for themselves outside look at research and mission- by the Bell X-1E rocket plane, one a scheduled support flight for the DC-8 and also treated the crowd to

> work NASA does," Dryden center opening remarks.

As an example, McBride told Dryden chief historian Christian attendees that Dryden is continuing Gelzer told attendees that while to develop technology that benefits next, Skoog said. The key to the aircraft. everyone even though the concepts are researched on high performance application was a compression facilities were featured, including aircraft. For example, an F-16 at maneuver that doesn't even spill Program manager, John Kelly, of the Experimental Fabrication your coffee."

on a small Dryden aircraft called space are some of the key goals. the Dryden Remotely Operated Other goals include assisting in the aircraft, Skoog added.

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development of the smart phone algorithm, or mathematical equation, that condensed the 300

explained some of that program's Laboratory. Mark Skoog, ACAT project goals. Maturing technology for

programs highlighted at the a flyby so they could see the aircraft Integrated Drone, or DROID. development of commercial space The DROID has a 10-foot platforms to permit frequent flight "The work we do here enables the wingspan and weighs about 60 operations. A recent call for payloads pounds. The system worked and has been released and capability director David McBride said in can be modified to fly on other enhancements are underway, such as a Draper Laboratory control system The system is ready for a test recently used to control a flight of on NASA's Ikhana Predator B Masten Space Systems' Xombie

Mark Skoog, second from right, explains an experiment on the Dryden Remotely Operated Integrated Drone, or DROID aircraft.

Several specialized Dryden Phillip Wellner, Aircrew Life Support technician, who represented the Life gigs, best-available-terrain map Support branch; Larry Hudson, chief test engineer detailing work in Concerning ideas and vehicles the Flight Loads Laboratory; and Ed

> Presentations also included



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NASA photo by Tom Tschida

Social media learned about the Global Hawks during the NASA Social.

some of the intricacies of aerial operations engineer Matt Graham. videography required to support the NASA pilots Mark Pestana and center's flight research mission.

The event also featured a look at elements of the Ikhana/Predator the autonomously operated Global B unmanned aircraft system and Hawk unmanned Earth science NASA engineers Ethan Baumann aircraft offered by Phil Hall, a and Natalie Spivey discussed NOAA pilot and Global Hawk a Gulfstream-III business jet

Tweets... from page 1

Iames Gomez @GomezJames Here's to bigger brains! :) Best thing about Dryden Social was everything. My brain feels like it grew 150 percent today.

This is the first time the public has seen X-48C Hybrid Wing Body.

I'd take that gig! Nils Larson, chief test pilot, on working at Dryden: "It's like getting paid to eat ice cream."

Annie Wynn @acwynn

Look at the wing the next time you fly. Look at that upturned end. It's a winglet for more efficient flight from NASA.

Ard (Janice) Collier @ardaniel Drive-by-wire systems in

NASA Photo by Tom Tschida

Hernan Posada explained some

modern autos came from 1972s F-8 Digital Fly-by-wire test bed. Mike McHargue @mikemchargue Dryden is laying the groundwork

for efficient and quieter commercial supersonic flight.

Jackie Silver @AgingBackwards I'm curled up in a ball having Dryden Social withdrawal symptoms! It was so amazing vesterday!

Camilla Corona (assisted by Heather Archuletta)

for undergoing modifications laminar airflow research.

Dryden historian Peter W. Merlin gave a brief explanation of the X-1E, the M2F1 aircraft and the Lunar Landing Research Vehicle prior to see the actual aircraft.

Doug Abney, a guest at the NASA Lunar Landing Research Vehicle Aldrin in a helicopter and Aldrin explaining how the LLRV flew.

training mimicked the Lunar Lander on descent to the moon. Then he mentioned the test vehicles. This is the first time I have seen a Lunar Landing land on the moon," Abney said. gov/centers/dryden/home/index. Acting chief pilot Nils Larson html

@Camilla SDO Trying the sloppy joe from a tube! Well, it isn't birdseed, but it isn't bad.

Rachel Lena Esterline @RachelsLadder Visiting the Dryden Social has proved my theory of real community within the workplace. I am so thankful for this experience.

Scott Davis @munciegadgetguy Dryden has created a cell phone app that brings the F-16 collision-avoidance system to other planes.

Damon Young @dayfornight Question: What's your most interesting customization? Answer: Cutting a CV-990 in half. A CV-990 is a jet airplane.

told attendees that he has "an awesome job" and Dryden is a "place where it all comes together." Larson and six other pilots and flight crew signed autographs for the NASA Social attendees including Less, attendees having the opportunity to Troy Asher, Mark Pestana, Posada, Kate Pavlock and Ashley Parham.

Jackie Silver, a New York Social, said he wanted to see the resident, said she saw NASA 747 No. 905 with the Enterprise on top while he was at Dryden and it was at John F. Kennedy International part of the plan. He recalled flying Airport in New York as her airplane with former NASA astronaut Buzz was taxiing out for the flight to California for the Dryden event.

Seeing the Enterprise and coming "He mentioned helicopter to Dryden to learn about NASA's work here were "dreams come true," said Silver, who is an author.

NASA social media followers can track the center's activities on its Twitter account, @NASADryden Research Vehicle up close. It is and on its Facebook page. Dryden's impressive to see these machines social media also is available from its that helped train astronauts to main website at: http://www.nasa.



Wright helps make it SAFE

By Jay Levine X-Press Editor

Nadia Wright wants Dryden employees to be SAFE.

When people go home from work at the end of the day, she said they should be as healthy as when they arrived. To help see that happens, she is the current leader of the Safety Action Forum for Employees, or SAFE, a Dryden volunteer organization that works to educate people about safety and learn from them if there are hazards that need attention.

For Wright, safety is her job, but it is also her passion. In fact, Joel Wright, her Marine husband, also has a safety job at Edwards Air Force Base. Family and friends often joke that the couple has a "super safe" home.

Nadia Wright began her Dryden career in December 2010 as a areas. support specialist in the Office of Safety and Mission Assurance, assisting with safety projects and with facility inspections. Wright potential safety challenges in their items that were identified during recognized laboratory tested the

"If it is a really simple fix, I'll try to find someone in the area, educate them on the hazard and propose a solution. Instead of putting it on the but there are requirements for isn't an inspector seeking to back burner, we want to fix hazards identify new hazards, but more of and keep them from accumulating look to see it the unit is plugged a liaison between the safety office on the facility finding list. At one directly into the wall, has tip over and employees with violations or point, the center had over 800 open protection and that a nationally



NASA photo by Tom Tschida

Nadia Wright and Shawn Albertson talk to a Dryden employee about safety at the Drydenland event April 18.

inspections," she said.

Many of the violations are easily addressed. For example, portable heaters are permitted at Dryden, having one. Safety inspectors will

heater, usually signified by a marking on the unit, Wright explained.

The work to fix safety items rather than simply document them helps resolve what she said she saw as a disconnect. People didn't understand why something was a safety violation and why it needed to be fixed. In fact, there often wasn't a way for people to know that they had a safety violation in their work area.

To meet this challenge, Wright developed a spreadsheet including all of the items identified during facility inspections that she manages on the Xnet. As a result, people have taken ownership of safety challenges and helped get them resolved, she said.

SAFE began in February 2011 and Wright became its chairwoman in September 2011. One of the biggest challenges is finding volunteers, as Dryden employees are busy. However, people have stepped up to join the organization.

SAFE has a solid reputation for its coffee chats, where SAFE provides the coffee and treats and employees bring their ideas and questions about safety at the center.

See SAFE, page 8

Dryden Safety Day scheduled for May 16

Safety Day is set for May 16 and the theme is, "Safety starts with Following Dedafoe is CHP officer Edward Smith. The Mojave-based you." The mandatory event is set to start at 8 a.m. in Hangar 4802, officer's presentation is, "It's not worth it, the dangers of distracted where most of the activities will take place.

Jacobs Technology CEO Craig Martin is set to speak at 8:35 a.m. on the company's safety culture. The presentation is called, "Beyond Zero: A culture of caring and changing how we feel about safety."

County Fire Department who will explain disaster preparedness and the Community Emergency Response Team, or CERT, at 9:35 a.m. Jeff Baumgartner, a representative of the Antelope Valley Chapter of the American Red Cross will make a presentation at 10:20 a.m.

The Lampshades comedy skits are scheduled at 10:35 a.m. and at the opening of the session after the lunch break at 11:45 a.m. The Lampshades are billed as a "fake lounge act" from Hollywood. Its Office" and Scot Robinson, who was in the movie "Anchorman."

The afternoon session also features Wayne Dedafoe, Dryden safety specialist, who will cover the topic "Travel and Safety Training" at noon.

driving."

Vince Chacon, Dryden associate center director, will wrap up the formal presentation with the safety checklist.

The afternoon sessions include two, one-hour Red Cross and first aid The morning session will also include Scott Polgar of the Los Angeles trainings in the ISF beginning at 1:30 p.m., fire extinguisher training demonstrations outside Hangar 4802 at the same time, and safety booths and exhibits inside and outside of Hangar 4802 will be available from 1:05 p.m. to 3 p.m.

The booths and exhibits include the CERT trailer and the California Highway Patrol outside Hangar 4802 and a number of booths inside the hangar including the local environment, the safety checklist, Kern County Search and Rescue, Red Cross first aid, mishaps and lessons members are Kate Flannery, who is known as Meredith from "The learned, Global Motor Cart, or GEM safety, health and wellness center, motorcycle safety, hand tool safety, the Safety Action Forum for Employees and Arcata and Associates.

Dryden's Code M sponsors this Safety Day.

Landis helps preserve SCA legacy

By Jay Levine X-Press Editor

It's not uncommon to find a hobby that brings personal satisfaction, but it's something special when it has meaning to other people.

Dryden photographer Tony Landis is multi-talented, contributing writing or photo expertise to 13 aeronautics books. As a hobby, he also has developed a number of patches, coins, shirts and posters that have been shared and enjoyed by many.

An example of Landis' initiative was his work to create mission markings that were developed and applied to both sides of the NASA 747 Shuttle Carrier Aircraft No. 905. It will stand as a lasting legacy of the aircraft's use in ferrying shuttles, the Boeing Phantom Ray to do something special for the reconnaissance platforms. From X-38 was designed as a crew return and air launching Enterprise five 747 crew," Landis said. times for the Approach and Landing Tests at Dryden in 1977.

crew to archive their history, Landis and No. 911. SCA No. 911 was thought that patches should be created to commemorate the shuttle retirement ferry flights. He saw Air Force Base, the orbiters would patches representing the shuttle's need to be prepared at Dryden and a half a dozen shirts - all retirement, but none including the and gently lifted with a giant steel with an aerospace theme. His creates his aviation art, "I try to aircraft that ferried them.

delivery patches was developed to on the NASA 747. From there, the tradition began with Columbia, so honor the SCA crews and serves as another example of his creativity and the popularity of some of his work. These patches depict the 747 SCA No. 905 carrying the shuttles to their final destinations. Another Helicopters from a sale at school design was created to commemorate and he was hooked. A section the two SCA aircraft, while the called odd aircraft had the X-22 the "Hypersonic: The Story of the the items that he believes will have NASA Orbiter Transition Team and the X-15. Landis said he still solely used a fifth patch design.

that long-time followers of the that no longer has a cover. program will appreciate. For example, the colors on one of the and Apollo. Astronauts were also include some writing, research a reality. In addition, he assisted Matt patches are the same ones used on test pilots and that's where my and photo editing with Jenkins on Graham with repainting the NBthe original NASA 747 No. 905 and the 747 lettering is the same said. that The Boeing Company used. On the Endeavour patch, there is a 18 years this July, began his latest solo book was "The Lockheed sunset denoting the last shuttle to be career in the Air Force, where for Blackbird Family Photo Scrapbook" See Landis, page 8



delivered for permanent display.

"I didn't expect these to be as popular as they were. I just wanted

While working with the 747 SCA the shuttles on top – No. 905 retired earlier this year. Whenever the shuttles landed at Edwards Kennedy Space Center, Fla.

when he was a kid. He received book called Airplanes and а

"I grew up in the era of Gemini

four years he was responsible for published in 2010. processing reconnaissance imagery from aircraft and other overhead position at Dryden.

Photo courtesy of Leroy Marsh

patches, a dozen coins, 10 posters art design. structure called the Mate-Demate only official design for NASA design a patch that I would want to His set of three unofficial shuttle Device to its piggyback position was the flag for Enterprise. The own.' shuttle would be ferried back to Enterprise didn't have one. With of the project he is depicting and the retirement of the shuttles, gives project officials an opportunity Landis' love of aviation began aerospace history author Dennis to make recommendations prior to Jenkins proposed an Enterprise flag the final design. be created and Landis was asked to do the design work.

North American X-15" book with a lasting impact. For example, the owns the book that started it all Jenkins, he was taught to use a back of Hangar 4802 did not have a Each patch has special features for him, although it is a worn copy graphics program to develop side Dryden Flight Research Center sign profiles of the X-15 and NB-52N for visiting dignitaries to see. With that carried it. Landis' book credits Tom Grindle's support, that became connection to airplanes grew," he collaborations such as "The X-15 52B's nose art and mission markings Photo Scrapbook" and "The North for the retirement ceremony in Landis, who has been at Dryden American XB-70A Valkyrie." His December 2004.



Tony Landis, at left, is seen with the art he designed depicting NASA 747 SCA No. 905's missions. Above are his patches. The background image is of a Discovery/747 pairing heading back to Kennedy Space Center, Fla.

Earlier he tried his hand at a patch design, which was for the X-38. The there he went on to the Defense vehicle from the space station and NASA's two NASA 747 SCAs Intelligence Agency. He also worked increasingly complex vehicles were were specially modified to carry for an aero mapping company in air launched at Dryden from a pylon Maryland and a Hawthorne, Calif., under wing of the NB-52B. He then photo lab prior to accepting the sent his rough sketch to his friend, aviation artist, author and historian His work includes two-dozen Mike Machat, who created the final

Landis makes it clear why he

However, he is always respectful

In addition to his Dryden imagery, Landis said he believes the SCA When Landis was working on artwork and patches are just a few of

SAFE.. from page 6

an outlet for people to ask questions the organization's Issue Tracking and pick up literature about the and Resolution Binder and talking a matter of if, but when. I'm not propose some creative solutions.

Wright is quick to add that members are active at booths at people," Wright said. "Because it events, such as at Safety Day or the might be intimidating in a formal recent Drydenland activity. It takes a setting to bring challenges up, team to make things happen and she so SAFE is there for you to talk appreciates the members of SAFE. to. We are bridging the gap that SAFE meets quarterly, but the core we think currently exists among still encounter some of that, but it committee meets once a month. the safety office, employees and has improved. We are really trying questions or concerns are welcome to SAFE also has a new webpage on the communicating messages to to establish better relationships and ask SAFE for help. Contact Wright Xnet site. It is accessible under the management," she said. safety menu on the main Dryden Wright's philosophy is simple: not using a hammer, we're using a 2229, for more SAFE information Xnet page.

Wright; Shawn Albertson, deputy to it, we all want to return home chairperson; Kim Puebla, secretary; in the same condition we came to Denise Cope, treasurer; Gus Carreno; work and you need to look out for Dean Lebret; Todd Mostyn; Tami sure they do the same." McCoy and Patrick Ray.

Landis.. from page 7

patience and dexterity. Most models

he builds from kits, but others he

builds from scratch. Most models

take a month, a few hours a day.

models extends to his garage. He

months to build.

challenges contained in the book.

"That's what we do, we talk to

"Safety is everyone's responsibility, handshake," she said. SAFE core members include: because when it comes right down

In her safety office position, she Huffmaster has been a key said some people misunderstood

the aircraft, but rather turn it into

a working static display for kids to

gain a sense of wonder for aviation.

Modifications were made to add

out. "It sounds and feels like a real

Landis also builds model aircraft, his restoration of a Bede BD-5B

a meticulous hobby requiring aircraft. He doesn't intend to fly

However, he said a model of the realistic elements that make visitors

F-16XL took him more than nine want to sit in the cockpit and try it

His affinity for aircraft and airplane," Landis explained.

These information events provide member. He is charged with keeping her goals at the beginning.

"Accidents do happen. It's not we want to help," she added. understand why certain rules exist," she said.

lot since Wright came to Dryden, she said.

because, 'Here comes safety.' We research. We will help you," she said. a better rapport with people. We're at ext. 6137, or Albertson at ext.

safety office.

people's past experience with safety. time injuries can be realized.

latest accident prevention ideas, or to people about resolving safety the bad guy. I'm here to help you to accident prevention and that's

However, we have a great team and

Communication is so important

a role SAFE fills, Wright said. The committee wants to be the voice for People's attitudes have changed a employee's safety ideas or concerns.

"SAFE is all about following up with the employee who voiced a "They used to be grumpy concern or idea. We will do the Employees who have safety

SAFE will have a booth at the Wright has taken on the Dryden Safety Day on May 16, or challenge of changing attitudes, but people can grab a cup of coffee and she said she understands that is a talk to SAFE members during one of slow process overcoming a person's the future chats. It's just important, Geraldlyn Drake; Eric Huffmaster; your fellow co-workers to make past negative experience with the Wright said, that employees voice their concerns and offer solutions "We can't go back and change so that the center's goal of zero lost-

Callister, former employee, dies

Betty June Callister, a former secretary at Dryden, died May 3. She started on May 15, 1959, as a clerk and typist in the Building Services area and retired in 1986 from her position as a secretary in Flight Operations. She had worked at Dryden 30 years.

People who knew her said she was the glue that held her support areas together. Betty could always be counted on, was an outstanding friend to everyone, was lots of fun and she did a great job that contributed greatly to safe flight operations.

Bolden announces leadership change

No matter what his next Geoff Yoder will assume leadership of the James Webb Space Telescope, had to temporarily move his restored challenge is, one thing is certain said NASA Administrator Charlie Bolden. Yoder will become the pro-1965 Mustang out to make way for it will be taken on with enthusiasm. gram director June 30, when Rick Howard retires from that post.



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