

WYWYWASpeedlilly

August / September 2014

Issue No: 15



Features





Reviews

Show Reports

GARY'S BIG RUAD TRIP

AIRVENTURE 2014 - MAMMOTH 60 PAGES

Events

News



THIS MONTH:

AirVenture & More AirVenture Gary's Big Road Trip

Pilatus Party

and Much More



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Editorial Team: North America Editor – Steve Wood West Coast Contributor - Jim (Flybum) Pratt Canada - Jim Swan Cruisin' & Hot Rod's - Gary Rosier UK Team - The Gremlins at Kew

NASA's Curiosity Mars rover used the camera at the end of its arm in April and May 2014 to take dozens of component images combined into this self-portrait where the rover drilled into a sandstone target called "Windjana."



Editorial

Welcome to the August / September 2014 issue of Speedi Wings & Wheels. Take a look at our 'Content's page to find out more about what's in this issue. The magazine is published bi-monthly during the last week of February, April, June, August, October and December.

In this issue we are featuring EAA AirVenture 2014 Plus much more . . .

Take a look at the next page - the magazine index - for more details

Blue Sky's and Safe Flying.

The Speedi Team

Speedi Wings & Wheels is a wide screen format magazine Best viewed in full screen single page HD mode

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77 Pilatus Party: The Pilatus factory in Switzerland opened its door s to 35,000 spectators on August1, Swiss National Day, to launch its new PC-24 private jet prototype

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AV NEWS

www.speedi.tv

Ford F-35 Lightning II **Edition Mustang Celebrates 50 Years and Supports Young Eagles**

- * New F-35 Lightning II aircraft inspires one-of-a-kind 2015 Ford Mustang design, to be donated and sold at charity auction, July 31 at EAA AirVenture in Oshkosh, Wis.
- * Sale will benefit the EAA Young Eagles foundation: Ford vehicles have collectively raised more than \$2.5 million to support Young Eagles
- * This one-of-a-kind car is one of the first all-new 2015 Ford Mustangs to be sold

DEARBORN, Mich., July 29, 2014 – The engineering and design teams at Ford Motor Company led the development of the one-off 2015 F-35 Lightning II Edition Ford Mustang, which will be donated by Ford and sold at the Gathering of Eagles charity event. The event is held on Thursday, July 31, 2014 during the Experimental Aircraft Association (EAA) AirVenture Oshkosh 2014 – the World's Greatest Aviation Celebration.

All proceeds from the sale of the car will benefit the EAA Young Eagles program, which has provided free introductory flights to more than 1.8 million young people since 1992, helping inspire and motivate the next generation of leaders, aviators and innovators.

Ford is the exclusive automotive sponsor of EAA AirVenture Oshkosh, held July 28 through Aug. 3 at Wittman Regional Airport in Oshkosh, Wis.

"The idea to model one of our specialty builds after the F-35 was



four years in the making, under discussion even as we created the SR-71 Blackbird Mustang for auction in 2010. Just as the F35 was designed with unprecedented capabilities and versatility in mind, we felt it would be a natural fit to pair with the all-new 2015 Mustang," said Edsel B. Ford II, a member of the Ford Board of Directors. "Lockheed Martin supported our requests on both vehicle builds and is bringing their F-35 Lightning II Cockpit Demonstration System, plus several developed this unique car. test pilots, to the Ford Hangar. Visitors to the Ford Hangar are sure customized glossy and matte to be wowed by both the beauty of the F-35 Lightning II Edition Mustang and the opportunity to get the fighter jet experience first hand."

The unique 2015 F-35 Lightning II Edition Mustang draws a distinctive gold tint designed to design cues from the Lockheed Martin F-35 Lightning II aircraft, the new joint forces strike fighter. The aircraft is the world's most advanced multi-role fighter jet,

providing unmatched capabilities to the military forces of the United States and its allies.

This one-of-a-kind sports car will be one of the first 2015 Ford Mustangs to be sold. The design of the modified Mustang GT fastback exudes a creative connection to the F-35 Lightning, while highlighting the new design features of the 2015 Mustang. Ford design manager Melvin Betancourt and Mustang chief engineer Dave Pericak led the design and engineering teams that

The exterior will showcase a titanium paint scheme with distinctive accents inspired by the blue and yellow lightning tail livery applied to the early production examples of the F-35. The bubble canopy of the stealthy F-35 features help minimize its radar signature – an appearance that is replicated on the windows of this Mustang.

The springs of the Mustang GT performance pack have been >>

>> replaced with Eibach units for a lower ride height and the exhaust system gets larger, ceramic-coated outlets. This Mustang rolls on a set of Forgiato-created custom 21-inch wheels to further differentiate it from anything else on the road. Additional elements include a carbon fiber front splitter, rear diffuser and rocker moldings, unique mirror skull caps and a vertically-enhanced rear spoiler.

Exclusive interior details include a modified instrument cluster, Recaro® seats, custom audio system and floor mats embroidered with F-35 Lightning II auction contribution of \$500,000

elements and unique sill plates.

The Young Eagles auction is part of the EAA Gathering of Eagles gala. The Gathering of Eagles annually draws more than 1,000 aviation enthusiasts in support of Young Eagles and other EAA programs that inspire young people to become engineers, aviators, astronauts, scientists and innovators – the aviation pioneers of tomorrow.

"Ford has been a committed sponsor of EAA and AirVenture for crafted in honor of World War II 15 years, bringing incredible value to those who make Oshkosh the highlight of their aviation year," said Jack Pelton, EAA chairman of the board. "With its seventh Mustang donation, Ford continues to excite with its specialty vehicles, which reflects the depth of Ford's commitment and allows EAA to provide support to its valuable programs and dedicated members in Mustang celebrated 100 years of helping us grow the next generation United States naval aviation of aviators."

The F-35 Lightning II Edition Mustang joins six other one-of-akind Mustangs created by the Ford design and engineering teams for the EAA Young Eagles auction. Ford vehicles donated at EAA AirVenture events have collectively raised more than \$2.5 million to support the EAA Young Eagles.

The unique vehicles produced by Ford in support of EAA Young Eagles, include:

2008 – Mustang AV8R, with cues from the F-22 "Raptor," which helped introduce the glassroof canopy and delivered a record



2009 – The AV-X10 "Dearborn Doll" Mustang was aircraft

2010 – Two automotive icons – the late Carroll Shelby, a former U.S. Air Force flight instructor, and Jack Roush, longtime P-51 pilot – collaborated for the first time to create the SR-71 Blackbird Mustang inspired by the legendary reconnaissance jet

2011 – The Blue Angels

2012 – The Red Tails Mustang paid homage to the Tuskegee Airmen, the courageous squadron of P-51 Mustang pilots who were the United States' first African American military airmen

2013 – The U.S. Air Force Thunderbirds Edition Mustang celebrated the 60th anniversary of the U.S. Air Force Thunderbirds demonstration team

During EAA AirVenture, Ford will offer attendees access to the latest advances in automobile technology and feature exciting attractions and fan favorites at the Ford Hangar on the grounds of

Wittman Regional Airport. Ford activities include top-tier entertainment and interactive components that will add excitement for the hundreds of thousands of aviation fans in attendance.

To participate in the auction, candidates must prequalify by contacting the EAA development office at 800.236.1025 or development@eaa.org.

The F-35 Lighting II Edition Mustang was modified by MAD Industries. Additional contributors to the project: AUNDE Corporation, Eibach Springs, 3D Carbon Fiber, BASF Automotive Refinish. Gibson Performance Exhaust, PIRELLI Tires, Forgiato Wheels, Rigid Industries LED Lighting, sPOD, MGP Caliper Covers, LGE-Paint, Madico, PIAA Corporation, APR Performance, FOCAL, The Source AV, Raceskinz, ODYSSEY Battery and Specialized Ceramic & Powder Coating.

FINE Snippets of Aviation News

www.speedi.tv

Gathering of Eagles Dinner Raises \$2 Million

Oshkosh, WI - August 1, 2014

The annual Gathering of Eagles gala on Thursday evening in the EAA Museum Eagle Hangar raised \$2 million to support the Young Eagles program.





More than 1,000 people packed the Eagle Hangar. EAA Chairman Jack J. Pelton opened the event with a salute to founder Paul Poberezny. Video clips from the past of Paul's comments on the Young Eagles program and the spirit of EAA set the tone for an evening of celebration and memories.

The crowd also got to see our chairman hamming it up on videos. In one scene Jack played Lucy of the Peanuts comic strip in her psychiatrist role trying to help Young Eagles chairman Sean D. Tucker recover from his fear of failing to raise enough money through the "Raise the Windsock" individual donations.

The video was corny, but had everyone laughing, and donating. Raise the Windsock collected \$310,000.

But our chairman wasn't finished with his comedy act. Near the end of the program, Jack is joshing

> around on video with Jeff Skiles who was sitting on a dunk tank on the nose of a replica of an Airbus. Jack nailed a baseball dressed up like a goose and doused Jeff.

The same Airbus dunk tank then appeared as the Eagle Hangar doors rolled back and people bid for the chance to send Jeff into the

drink again.

The bidding winner was Clay Presley, who was a passenger in Jeff's famous "Miracle on the Hudson" landing and had been waiting for a chance to soak Jeff again.



A new object for bidders was in a Mystery Box. During the program clues about what was in the box were given but bidders still couldn't be sure what was inside.

the dunk tank target with The Mystery Box turned out to contain a Sonex airplane kit that went for \$30,000.

> The highlight of the fund raising auction was a very special 2015 Ford Mustang in F-35 Navy fighter livery. High bid for the one-of-akind 50th Anniversary Mustang was \$200,000.





The C-130 Hercules **60 Years Young**

The Lockheed Martin C-130 Hercules reaches another major milestone Aug. 23 marking the 60th anniversary of its first flight at Burbank, CA in 1954'

The C-130 Hercules is operated by 70 countries. You might even be able to name several of C-130's 70+ variants.

Clarence L. "Kelly" Johnson (father of the P-80, U-2, SR-71 and many other aircraft) thought only 100 C-130s would be sold, total. Kelly was quoted as saying at the time the original proposal was submitted to the Air Force in 1953 that, "The Hercules is a good design, but there is no market for it." Sixty years and 2,400 planes later, the C-130 is still going strong.

2471 C-130s have been delivered as of July 2014. With more than 300 delivered, production of the C-130J now exceeds total production of the



C-130B (230 aircraft built) and the C-130A (231 aircraft built).

Here's what Capt Larry Traskos, a former C-130 pilot, had to say about his experiences flying the Hercules -"I was fortunate as a first tour Naval Aviator to fly the F (ex-Marine tanker), G (a basic 155,000 lb GW Air Force Airplane model) E and the Q model, a dedicated Naval aircraft with a 175,000 lb GW maximum. The O model did not get a HP (kw) increase though which demonstrated the capability of the

initial C-130s. Allison and it's engine was key to the success of this aircraft. The T56 (military) and 501D-13 (civilian version) are bullet proof. The same engine is on the P3, E2, Convair, pipeline operations, etc. It coupled with the General Motors (civilian) Aero Products propeller and the Hamilton Standard (military) prop are equally fantastic!

Features like pitch lock, NTS and auto feather make this a safe and reliable prop. A great engine/prop combination!

From a crew position, a full size bunk/ beds on the flight deck were great accoutrements to facilitate rest for the over worked off duty pilot! To be able to take one's boots off that had been professionally polished by a "Batman" (when over in the UK) was a real treat and made for happy pilots! Jets had nothing on us! Plus we had a fantastic galley for wonderful meals on our grueling 11 to 12 hour flights!"

One happy customer!



Embry-Riddle, Kiddie Hawk Air Academy Renew Partnership, Offer Oshkosh Activities for Youngsters

Oshkosh, WI - Thu Jul 31, 2014

Embry-Riddle Aeronautical University and Kiddie Hawk Air Academy (KHAA) are joining forces to host aviation activities for children ages 4-9 at this year's EAA AirVenture Oshkosh, kicking off a

five-year extension of their exclusive higher education partnership in developing educational and STEM programs to inspire the next generation of pilots, aircraft technicians, aerospace engineers and dreamers.

The free activities are taking place from 9 a.m. to 3:30

p.m. every day through Saturday at the KHAA/Living Legends of Aviation display in the Wittman Hangar at KidVenture, which can be found on the EAA map at D7. Here, Embry-Riddle students and KHAA volunteers are available to guide children in using Kiddie Hawk aircraft and helicopter trainers. These kinetic-motion flight simulators specially designed for children let them "fly" a few feet off the ground, learning about pitch, yaw and roll while using a stick-

and-pedal system similar to real aircraft.

Prominently positioned at the entrance to Wittman Hangar is a new RV partially funded by Embry- Guests" stage where aviation Riddle as part of its renewed collaboration with KHAA. Throughout the Oshkosh run, Embry-Riddle students are stationed encourage them to strive for by the vehicle conducting three ongoing workshops for children – a chart scavenger hunt, a transportation matching game and paper airplane construction.

Waves air show Oct. 11-12 this year in Daytona Beach, Fla.

Another feature of KHAA's Oshkosh display is a "Legends and celebrities, business leaders and innovators are on hand each day to answer questions from kids, academic excellence and discuss career options in aviation and aerospace.

"The fun, interactive activities

developed by Kiddie Hawk Air Academy and Embry-Riddle are proving to be an effective way to encourage children to explore aviation," said Embry-Riddle Vice President of Marketing and Enrollment Management Bill Hampton. "It was a natural next step for us to reaffirm our alliance with Kiddie Hawk to

"We're so grateful to Embry-Riddle continue sparking a love of flight in children who come to air shows like EAA AirVenture."

> Youths interested in more information about Embry-Riddle, the world's leading aerospace university, can check out the school's College Park exhibition at Oshkosh, where Cessna, Diamond, Piper and Robinson aircraft from the university's Daytona Beach, Fla., and Prescott, Ariz., campuses are on display.



for helping to make the new RV possible," said Stacey Elsner, executive director of the nonprofit KHAA and Living Legends of Aviation. "It really takes our joint STEM outreach to the next level, allowing us to transport the Kiddie Hawk flight simulators and volunteers around the country in an attractive and professional-looking vehicle." The RV and its staff will visit schools and aviation events, including Embry-Riddle's Wings &

Embry-Riddle Becomes First Training Provider in Nation to Receive FAA **Approval for Airline** Certification

Tue Jul 8, 2014

When new Federal Aviation Administration regulations take effect Aug. 1, 2014, all future airline pilots will be required to complete an Airline Transport Pilot (ATP) Certification Training Program to qualify to take the ATP Airman Knowledge Test, a prerequisite for the ATP certificate that is required for employment as a commercial airline pilot in the United States.

Now, Embry-Riddle Aeronautical University has become the first training provider in the country to receive approval from the FAA for its ATP Certification Training Program (CTP).

"We are very excited that our students will be able to complete this training as part of their normal degree requirement," said Ken Byrnes, chairman of the flight department in the College of Aviation at Embry-Riddle. "Our mission is to provide the best education possible so our students can become outstanding aviation professionals. The FAA approval of our ATP CTP course once again ensures that our graduates will have the qualifications necessary to be employed, succeed and help shape the future of the aviation industry."



With the completion of an FAAapproved aviation degree program from Embry-Riddle, graduates are also eligible to receive the newly created Restricted ATP certification after 1,000 or 1,250 flight training hours, making them eligible for hiring by a scheduled passenger airline (Part 121 carrier), between 250 and 500 flight training hours sooner compared to students completing a non-qualified program.

Embry-Riddle's ATP CTP coursework includes a minimum of 10 hours of flight time in the university's aircraft simulators, including the only FAA-qualified Level-D CRJ-200 full-motion fullflight simulator in use by a university in the United States

The Embry-Riddle ATP CTP curriculum contains at least 30 hours of advanced aviation training on topics that include the following:

* Propulsion and Aerodynamics Operational Meteorology

Aerospace and Air Carrier Operations

- * Leadership Training and **Professional Development** Crew Resource Management
- * Investing in and Maintaining an **Exceptional Safety Culture**

Once the ATP CTP course is completed, Embry-Riddle students receive a graduation certificate and the required endorsement to take the FAA's ATP Airman Knowledge Test. Students who major in Aeronautical Science with an Airline Pilot area of concentration will complete the ATP CTP course as part of their normal degree requirements.

For more information on the new Restricted ATP (ATP-R) rules and course requirements through Embry-Riddle's College of Aviation, go to http://daytonabeach.erau.edu/colleg e-aviation/flight/faq-ratp/index.html.



EAA AirVenture 2014 So Many Aircraft, So Little Time



article pretty much defines EAA Air Venture. Having been to the event many times, driving into Whittman Field off of Highway 41 feels like coming home to visit family. You get th feeling that the event must have been going on all year and you are here to visit one more time. It is hard to believe that it is only a one week event. So many

people look like the same friendly people that you left last year. It is an indescribably warm feeling expose the maze of cables, and I am always glad to be here. Time has taken care of the sore legs, the information overload and over-exposure to the sun that I suffered last year, and all I can think of is, "it's time to explore again!"

Walking through the gate

with a baggage check so I In working our way back to had to open my knapsack/camera bag and air show center, we ran three cameras, and three lenses and a voice recorder and convince the Security person that there was nothing there that could constitute a bomb. They were actually friendly and I appreciate their efforts.

across the Kitplane Section and saw lots of vendors there. Naturally, Van's Aircraft was there and lots of the regulars. One plane that struck me as interesting was the single-place Panther. It

can be built in the LSA or

Experimental category.

With a kit price of

her/pantherspecs.html Another well-represented vendor, Sonex, was there with its full line of kit aircraft. The Sonex Jet flew a flight demonstration, and boy

using a modified Corvair

people. For the full specs,

http://flywithspa.com/pant

range of quite a few

check out

Sonex has a wide range of engine, this kit is within the kits with prices from the mid-twenties to high forties. The jet is somewhat over \$100K but not in their brochure. For more information: http://www.sonexaircraft.c om/

> There were lots of other kit manufacturers there. It would take a few extra days to cover them all.

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On Tuesday, it was time for tradition that started about allows me to get some outsiders without some the hangars at Pioneer. Show up early for the a ride around Pioneer pictures that show the 4 years ago. It is a great pictures. After the ride, Plan on spending a half day helicopter ride. The line Airport at the museum in ride considering the cost is magnitude of the event. It came the customary tour in this area. gets longer as the day the Bell Helicopter, a less than 50 bucks. It is hard to describe it to through the museum and wears on! Speedi Wings & Wheels - August / September 2014 - Page 21



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Air Show

The air show started out relatively light on Monday, got better on Tuesday, and even better on Wednesday. On Monday there was the typical introduction with the opening parachute jumps, then aerobatic routines by the Aeroshell T-6 Team, Tubreaux, some formation flights by T-6s, Beech Mentors, and Chinese Yaks, and a BD-5 Jet.

All of the routines were very entertaining, but the BD-5 stole the show as it zipped around the field like a mad little bee. The first production Honda Jet also flew a demonstration.







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On Tuesday, the Marines flew a flight demonstration of the Osprey. That plane is amazing with its big props and the ability to take off and land vertically. Once it gets to level flight it really moves out. It looks like a high-maintenance bird to me, and probably needs some A-10s in the area for ground suppression. It is fun to watch. Watching it beat the air with those huge propellers looks like an unnatural act.

The Navy planes including the ADs got into the act along with the OV-10, the T-33s, some Russian L-39s, and the P-51s. Things were getting more exciting.





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Matt Younkin flew his twin Beech routine. He really knows how to throw that beast around. There were so many routines flown and here are the others: Matt Chapman (Eagle 580), Bob Carlton (SubSonex),

Geico Skytypers (T-6s), Mike Goulian (Extra 330SC), Rob Holland (MX-2), Jerry Kerby (RV-8), Nicolas Ivanoff (Edge 540), Greg Koontz (Xtreme Decathlon), Dave Martin (Cap 222), Micheal Rambo (T6 Texan II), Gene Soucy (Showcat), Sean D.
Tucker (Oracle
Challenger III) and Ken
Pietsch (Interstate
Cadet). Additional
performers may have
performed on days when
I was not present.



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The war got bigger on gunners, the A-4D
Wednesday. Added to Skyhawk Navy attack
the mix of military jet (I'm partial, I served
planes were a Cobra in an A-4 squadron), gunship, a Huey equipped with door

the Caribou troop transport. The air

strike was accentuated with explosions and I imagine it brought back some memories to the veterans in attendance.

There was also an F4U
Corsair and a real
Japanese Zero that staged
a dog fight for the crowd.
Both planes were beautiful
examples of their models
and the pilots flew them
skillfully, giving the crowd
an idea of what a real dog
fight would look like.







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The photo top left shows that the weather was not CAVOK all of the time . . .

The Thunderbirds were the star of the show as far as the general public were concerned.

It was great to see this premier USAF Demonstration Team performing their skills after being grounded for so long by the farce of sequestration.





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ELCOME TO SPEEDI'S Blog. In this issue we have a feature about the Pilatus Party in Switzerland (pages 77 through 83). Whilst I did not attend this fun event on Swiss National Day, I was in Switzerland a couple of weeks later.

I was visiting a pilot friend who lives near **Zurich.** He is a Citation pilot and flies not only in



Europe but also in the USA. He took me to an airfield south west of **Zurich - Mollis Airport** where his plane is based. This was visit by car and as we approached the airfield, from perhaps 15 miles out, the terrain changed. The mountains began,

and then the valleys. So much so that it looked impossible for an airfield to be located in this area.

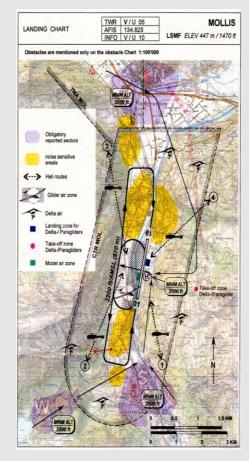
Then suddenly we were there. A long 5900 ft runway appeared, with the mountains close by, (and I mean close) encased in clouds. The airport, and they call it **Hawker International** Airport, is at 1467 ft amsl. It is strictly a VFR

airport, with all flights made in VMC conditions, or as my friend said. sometimes this means "Very Messy Conditions" when the weather

suddenly changes.

The left downwind to runway 01 has a towering mountain face just off the right wing tip. Even the final to 01 has a teardrop pattern to miss the hill at the southern end of the runway.

Mountain flying is taught there by **Ecoflight** and



the approach chart makes very interesting reading. There are zones and routes for fixed wing, gliders, helicopters, paragliders and model airplanes.

Looking at the airport's website it seems that this is a very active airfield. In addition to the flying activities there's also a motorcycle training

school.

Numerous air shows are held and the photos showing the Patrouille Suisse jet demonstration not get chance team flying at Mollis are certainly impressive. The team presently flies the Northrop Grumman F-5E Tiger II. Prior to

as the *Graffity* Hunter flies out of Mollis.

What a pity I did to fly at Mollis or be there for one of the many air events.



I've been away from

flying myself for almost 2 months now and it's going to take a while to get back into the way of tight formation flying.

Readers of my blog will know that formation flying is something which now takes up most of my flying time. I've been formation flying for almost 15 years, so it

> takes far less time now to get back up to speed than it used to do.

Labor Day is here, as this magazine is published, and there is usually some formation flying to be done to entertain the locals in and around Daytona Beach, in Florida.

Of course all this assumes that I will be able to get a flight over to the USA after Iceland's Bardarbunga volcano began erupting on Saturday under the ice of Europe's largest glacier. Back in 2010 the eruption of Iceland's Eyjafjallajokul volcano produced an ash cloud that caused a week of international aviation chaos, with more than 100,000 flights canceled. At least the name of the latest volcano to erupt is easier to pronounce!



this they flew the British Hawker Hunter for some 30 years.

Mollis is also well known for its Hunter Meet. A specially painted Mk 58 Hawker Hunter, known



NEWS FROM THE BARN

EWS FROM THE Barn is a regular feature about the happenings at the largest (and greatest) fly-in community in the world - Spruce Creek Fly-in. Situated on the Space Coast of Florida, just 7 miles south of the famous Speed City of Daytona Beach, Spruce Creek is a very special place. Our North America editor, Steve Wood, has lived there for since 2001, so he should know. We hope you enjoy this regular feature about a very special aviation community.

Spruce Creek Airport Information - Courtesy of the Spruce Creek POA Website - www.scpoa.com

The Spruce Creek Airport is the heart of the Spruce Creek Fly-In Community. The Airport is a private airport owned and operated by the Spruce Creek Property Owners Association (SCPOA). The Spruce Creek Airport Authority Committee through the SCPOA Board of Directors has the authority and the responsibility to oversee the operation of the Spruce Creek Airport. The SCPOA employs a full time, 24-7 security staff. The Airport runways, taxiways and aircraft parking areas are regularly patrolled and are under continuous video surveillance by the Security staff 24 hour a day.

All flying activities at the Spruce Creek Airport are regulated by the FAA and by the recommended procedures published in the Aeronautical Information Manual (AIM). In addition, a limited number of local rules and procedures have been established to promote a safe and enjoyable airport. All resident, tenants and invitees are encouraged to cooperate and abide by these procedures.

SPRUCE CREEK AIRCRAFT ARRIVAL & DEPARTURE PACKAGE - The airport management provides information to assist all pilots operating in and out of the Spruce Creek Air, viewed or printed with Adobe Reader. Download PDF

AIRPORT SAFETY VIDEO. The airport management recommends that all Spruce Creek Fly-In residents and airport users view this very good airport safety video. Click Here.

Airport Information Quick List

VORTAC OMN112.6 MHz 165°R/13.9 DME

VORTAC ORL 112.2 MHz 020°R/35.6 DME

FSS St. Petersburg122.2 MHz

APCH CNTRL Daytona Beach ...125.35 MHz (South) 125.8 MHz (North)

INSTR APCH (Rwy 05)GPS (Private, Residence Only)

AWOS...... 121.725 MHz

FUEL 100LL & JET A (self serve and truck delivery)

Airport Manager: Dick Cunneen, Cell 386 872-1431

Airport Assistant Manager: John Sponza, Cell 386 872-1430

Airport Committee Chairman: Jim Calhoun, Cell 386 295-8271

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Photos for this feature by Steve Wood, unless otherwise notated

Photos for this feature - Gary Rosier

NEWS FROM THE BARN



N OUR 'News from the Barn' section we will be featuring news and photos ▲ from Spruce Creek Fly-in, the world's greatest aviation community. With over 1600 homes, and not all of them are hangar homes, and home to over 3000 people, there are over 650 airplanes based at Spruce Creek. But it's not all about aviation at Spruce Creek there's golf, tennis, motorcycling and much more, as well as a Country Club and the Downwind restaurant right alongside Beech Boulevard - a major taxiway in the center of the airport. EAA Chapter 288 (Daytona Beech) meets at

Keith Phillip's hanger on the other major has the special registration Ntaxiway - Cessna Boulevard. Then there's the Gaggle Flight, which is quite something in its own right. Every Saturday morning (and sometimes on Wednesday too) members of the Gaggle Flight meet at The Big Tree which sits right in the middle of the airport. Upwards of 30 aircraft depart in flights of 3 or 4 (and sometimes more) flying out to breakfast. The arrivals back are usually spectacular, with overhead breaks the norm. Our North America editor, Steve Wood, is part of Goofy Flight - named after his GlaStar which

600FY. Steve even has 'goofy' smoke on his airplane which can 'puff' or be continuous at whim. Everyone has great fun at Spruce Creek Fly-in which perhaps explains why there's a sign inside the main entrance which reads "Caution -Children And Adults At Play".





































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75 Historic tractors of Swiss production open the 75th birthday party for Pilatus

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Oscar J. Schwenk, Chairman of the Board of Directors of Pilatus, is enthusiastic about the new PC-24 and the event:

"Today's celebration is a clear sign of our commitment to Switzerland as a centre of vision and action. Our company was established here in Stans exactly 75 years ago. We have seen our activities grow and expand here in Stans, and this is where we want to be in the future: in Stans, producing our aircraft for sale to customers around the world.



The 100% newly developed PC-24 is the first time that traditional Pilatus values such as versatility, efficiency and Swiss precision have been combined in a jet. The PC-24 is the world's first ever business jet to come equipped as standard with a cargo door, with the kind of performance specification that allows it to operate in and out of very short runways or even unmade strips.

Pilatus sold 84 PC-24s at the European Business Aviation Conference & Exhibition (EBACE) in May this year.



The new jet sports an eyecatchingly elegant design in Swiss style, featuring chrome and gold-coloured Alpine flowers.

The rollout was preceded by a fly-by of all the aircraft which have ever reached series production in the company's 75 year history. Over 120 performers and more than 160 children of company employees made the rollout an unforgettable event for high-ranking guests, customers and fans of Pilatus. strips.

Federal Councillor Ueli Maurer, who attended the event, paid tribute to the success of Pilatus in his speech, remarking on the new Swiss business jet with great pride. He also announced that 2015. Final certification and the members of the Federal Council have voted to buy a PC-24 – a further sign of the

confidence placed in the new Pilatus-produced jet!

The 100% newly developed **PC-24** is the first time that traditional Pilatus values such as versatility, efficiency and **Swiss precision have been** combined in a jet. The PC-24 is the world's first ever business jet to come equipped as standard with a cargo door, with the kind of performance specification that allows it to operate in and out of very short runways or even unmade

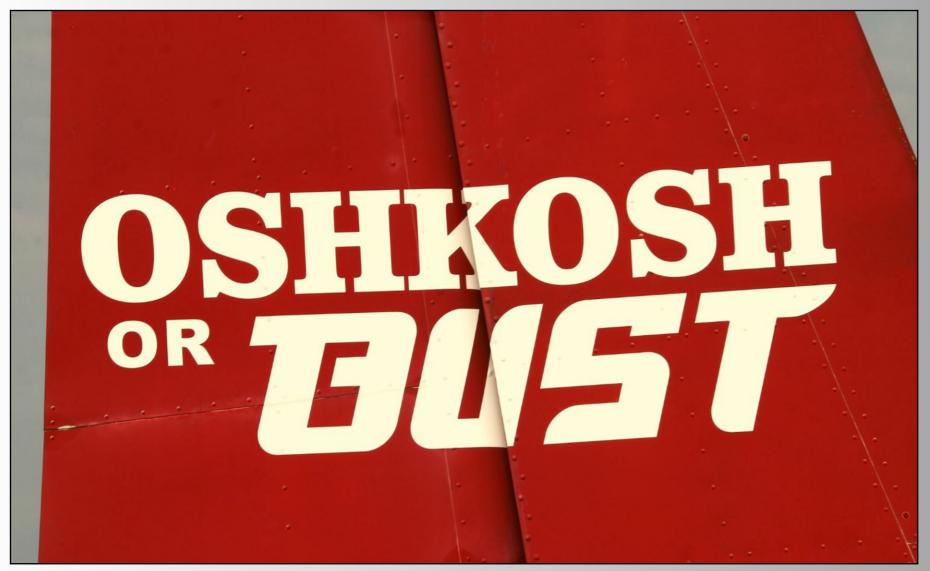
A total of three prototypes will be produced for the PC-24 test flight programme. The maiden flight of the first prototype, which was presented at the rollout, will go ahead in spring start of deliveries to customers are planned from 2017.

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NOSE ART & NUMBERS



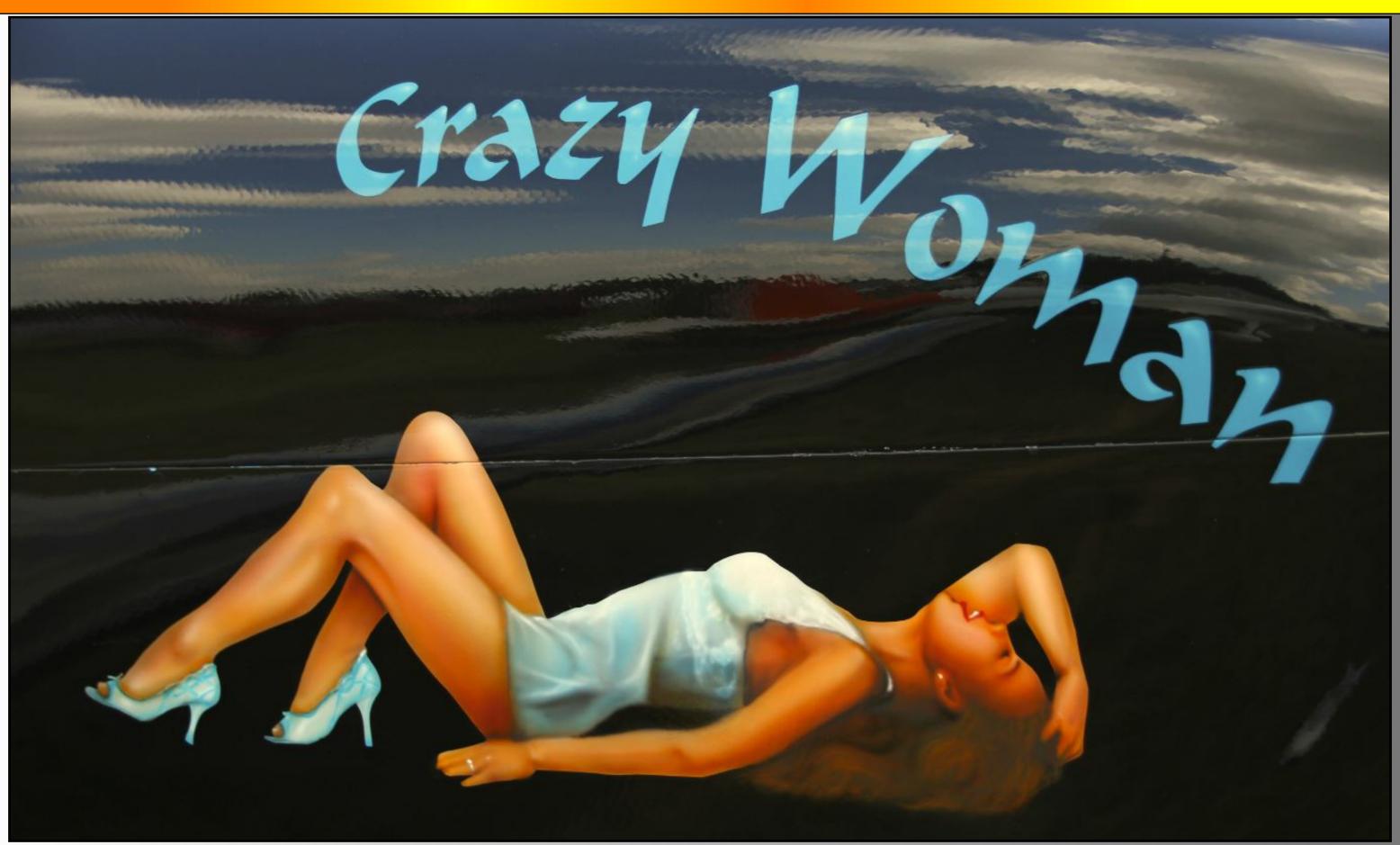
In this regular Nose Art & Number feature we showcase our readers Nose Art and Special Registration Numbers. Just send in your pics, along with a bio (around 150 words) about your nose art or special registration to noseart@speedi.tv - and don't forget, spread the word.





NOSE ART & NUMBERS





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Jaguar Reveals U.S. Spec **F-TYPE Project 7 Vehicle** At Pebble Beach

.(MAHWAH, N.J.) - August 14, 2014 - Last night, the U.S. production version of the F-TYPE Project 7 was unveiled at the exclusive Jaguar Land Rover Pebble market in two standard color Beach Kick-Off event in California. Named to reflect seven Jaguar overall wins at the 24 Hours of Le Mans, F-TYPE Project 7 is inspired by the Jaguar D-Type which celebrates its 60th anniversary this year.

Created by the Jaguar Land Rover Special Vehicle Operations team, the F-TYPE Project 7 will be a limited production all-aluminum, fully road-legal two-seater roadster with bespoke aerodynamic aids. To

further emphasize the Jaguar racing heritage, the vehicle will feature a 575hp 5.0 liter supercharged V8 engine with a 0-60mph acceleration time of 3.8 seconds and an electronically-limited top speed of 186mph.

The F-TYPE Project 7 will come to schemes - Glacier White, a metallic white which is the feature color for the model and Ultra Blue, a metallic take on French Racing Blue and the signature color of the Jaguar Land Rover SVO team. British Racing Green, Ultimate Black and Caldera Red will also be available as optional upgrades.

* Named in honor of seven Jaguar wins at Le Mans, the F-TYPE Project 7 is a road-legal twoseater inspired by the Jaguar D-Type

- * Created by the Jaguar Land **Rover Special Vehicle Operations** (SVO) team, F-TYPE Project 7 will be a limited production vehicle
- * Powered by a 575hp 5.0 liter supercharged V8 engine, F-TYPE Project 7 is capable of accelerating 0-60mph in 3.8 seconds with an electronically-limited top speed of 186mph[1]
- * F-TYPE Project 7 will be available in two standard colors -Glacier White and Ultra Blue. British Racing Green, Ultimate Black and Caldera Red will also be available as optional upgrades
- * Customer deliveries will start in Spring 2015
- * US Pricing starting at \$165,000

CONTINENTAL GT3-R MAKES NORTH AMERICAN DEBUT AT **2014 PEBBLE BEACH**

(Pebble Beach, 11th August 2014) Making its North American debut at this year's Pebble Beach is the new Continental GT3-R – the most dynamic and fastest-accelerating Bentley ever produced.

Inspired by Bentley's race-winning Continental GT3 race car, the GT3-

R is powered by Bentley's race and road proven 4.0 litre V8 engine. Bentley engineers have developed a retuned version of the high performance 4.0litre twin-turbo V8 for this new twoseater GT. Developing 572 bhp and 516 lb-ft of torque, together with a 220 lb weight reduction and shorter gearing, the Continental GT3-R

is the fastest-accelerating Bentley ever. Capable of reaching 60 mph from a standstill in just 3.6 seconds. the GT3-R is a Grand Tourer with the performance of a racer.

Hand-built in Crewe, England, the car will be finished by Bentley's motorsport department. The GT3-R is limited to just 300 examples globally, 99 of which are bound for the US market with four more destined for the Canadian market. Pricing for the racing inspired

Continental GT3-R is set at \$337,000 USD. Dealers are now accepting orders for the Continental GT3-R, with deliveries to start in the Americas Region in the first quarter of 2015.

Christophe Georges, President and CEO, Bentley Motors, Inc. comments: "Pebble Beach is the perfect location for the debut of the rarest and most dynamic Continental GT, the GT3-R. It is a testament to the Bentley trademarks of luxury and performance and

by a new fixed rear wing fitted to the boot lid – both finished in carbon fibre. Additional unique exterior features adding to the sporting design include gloss black headlamp bezels, matrix grille, window surrounds and bumper strips. The look is complemented by an all-new lightweight 21" wheel finished in gloss black. The theme continues under the bonnet where the 4.0-litre V8 receives a unique GT3-R carbon fibre cover.

Interiors feature a two-seat



Contrasting the Beluga leather and motorsport-inspired materials is a vivid accent green, used as a hide colour on the seats, instrument panel and door panels and in contrast stitching throughout the seats and diamond quilted areas. Unique GT3-R badging adorns the center console and passenger fascia panel, while headrests receive stitched logos in contrast green thread. All 99 models bound for the US will receive sequentially numbered GT3-R sill treadplates identifying the car's one-



friends of Bentley during this gathering of fine automobiles."

we're excited to share it with the

Continental GT3-R Highlights

All 300 Continental GT3-R models take design inspiration from the GT3 racer and will feature a Glacier White exterior, highlighted by the use of two-tone green graphics that trace the two prominent power lines to the side profile of the car. A new front splitter provides an assertive look to the front of the car, balanced of-a-kind status.

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Jaguar Land Rover Special Operations Reveals 'New' **Lightweight E-type**

"Special Operations' remit is to indulge our most discerning and enthusiastic customers' passion for our cars - including those from our past. This is why our Jaguar Heritage division exists, and why the new Lightweight E-type is such an incredibly exciting project.

"The E-type is an iconic car, and the Lightweight E-type the most desirable of all. To be able to complete the intended production run of 18, some 50 years after the last Lightweight was completed, was an opportunity we couldn't miss."

John Edwards, Managing **Director, Jaguar Land Rover Special Operations**

IN DETAIL

Jaguar has revealed the prototype of its 'new' Lightweight E-type - a further six of which will be built and

Jaguar announced in May 2014 that it would recreate six new Lightweights, each built by Jaguar Heritage, part of Jaguar Land Rover's new Special Operations division.

Each of the six cars will be built to a specification originated from the last Lightweight E-type produced in 1964 and will be hand-crafted at the original home of the E-type,



Jaguar's Browns Lane plant in Coventry, England. The cars will be variety of departments within sold as period competition vehicles and all will be suitable for FIA homologation for historic motorsport purposes.

The new cars are the 'missing' six vehicles from the 'Special GT Etype' project, which originally started in February 1963 with the objective of building 18 cars. Only 12 of the aluminium-bodied Lightweight E-types were eventually built and the remaining six designated chassis numbers having lain dormant, until now. The The expertise and attention brought six new cars will carry those chassis numbers.

A race winner in the hands of a variety of famous drivers during its short competitive career, the car has standards. achieved worldwide fame and original examples are now valued in So the six chosen customers will the many millions. In recreating the Lightweight E-type, Jaguar Heritage brand new Lightweight E-type, has been able to call on the superlative skills and experience of as desirable as one of the originals. many talented engineers and

technicians already working in a Jaguar.

All, when offered the chance to assist with this unique project, leapt at the opportunity. Some even have an indirect link with the E-type when it was new: one master technician calculated that his family - including his grandparents, his father and his uncle - had a collective 170 years' service at Jaguar stretching back to the early 1960s.

to bear on this recreation project is original, historic Lightweight E-type staggering, with the full resources of Jaguar being applied to ensure that the six new Lightweights will not only be authentic, but will also be built to the highest quality

> each receive the rarest of things - a hand-built at Browns Lane and just

MINI turns 55: a small car with a great history.

Munich. When the first classic Mini, made in Birmingham, went on the market on August 18th 1959, none of the people involved at the time are likely to have imagined that the concept of a revolutionary small car would turn into one of the automotive industry's most impressive success stories stretching over a period of five and half decades. 55 years ago, two models were presented to the public which differed solely in their radiator

grille, hub caps and paint finishes: the Morris Mini Minor and the Austin Seven. Designer Alec Issigonis' concept was both simple and ingenious: lots of interior space combined with minimum exterior dimensions, four seats, perfect driving properties, low fuel consumption and a reasonable price. These brilliant ideas had an

impact that was to extend into the 21st century.

The brand's underlying principle was confirmed once more when it was restarted with the market launch of the MINI in 2001: a superior concept gained popularity in a range of different forms and eventually became firmly established. Since then MINI has combined the classic values of the early generations with the demands of a modern automobile. Very few vehicle concepts have survived for such a long period of time or gained a

comparable level of popularity - and show ranged from one of the very no other concept has been applied to such a wide variety of versions as is the case with MINI.

Today the range comprises a large number of models: starting with the classic body variant of the MINI, it includes the MINI Clubman, the MINI Convertible, the MINI Coupé and the MINI Roadster, going right through to the MINI Countryman and the MINI Paceman. The brand began another fresh chapter of its success story in spring 2014 when the new MINI went on the market.

An entirely new variant in the model Fans of the brand traditionally get

first cars of the brand dating back to 1960 to a classic Mini Clubman Estate and a classic 25 Special Edition Mini from 1984 through to one of the last classic Minis ever built from the year 2000.

Guests of honour at the anniversary included Paddy Hopkirk, who achieved the brand's first win at the Monte Carlo Rally in a Mini Cooper S 50 years ago and Russ Swift, who demonstrated some of his unique stunts and tricks.

together at the International Mini Meeting to demonstrate their passion for the world's most famous small car. This year they designed and produced hundreds of individual stickers featuring messages and pictures. The best designs will be on show later this year at a big MINI exhibition at the BMW Museum in



Munich.

program follows in autumn 2014 the MINI 5 door.

On the first weekend in August, members of the classic Mini and the new MINI community met in the county of Kent to celebrate the most successful and most popular British small car on its 55th anniversary. MINI enthusiasts were just as impressed by the new generation of the original in the premium segment of small cars as they were by some of its ancestors that were to be seen on the grounds. The vehicles on

The International Mini Meeting (IMM) was first held in Germany in 1978 - at that time it was a relatively small-scale three-day camping event. Its popularity increased from one year to the next, however, with fans prepared to travel further and further until the organisers finally decided to turn it into an international meet-up. The IMM takes place in a different country every year, but it returns to the UK every five years to mark the brand's anniversary in August.

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Dodge Unleashes Most Powerful Muscle Car Ever

July 22, 2014, Auburn Hills, **Mich.** - The newly consolidated Dodge and SRT brands are launching out of the gate at full throttle – introducing the new 707 horsepower 2015 Dodge Challenger SRT with a Hellcat engine and its stablemate, the 2015 Dodge Challenger SRT – just a few months after taking the wraps off the new

Dodge Challenger 392 HEMI® Scat Pack Shaker at the New York International Auto Show.

Driven by the five SRT performance hallmarks, the new 2015 Dodge Challenger SRT 392 and Challenger SRT with the HEMI® Hellcat engine are re-designed and totally re-engineered to be the most true-

to-form muscle coupes on the market with performance-enhancing technologies inside and out. With 707 horsepower, the Dodge Challenger SRT Hellcat features the most powerful V-8 engine ever produced by Chrysler Group – the supercharged 6.2-liter HEMI V-8.

"The new 2015 Dodge Challenger SRT Hellcat is the most powerful muscle car ever," said Tim honored segment. Kuniskis, President and CEO — Dodge Brand and SRT Brand, Chrysler Group LLC. "With 707 horsepower and 650 ft.-lb. of torque,

we have unleashed a true GT car with an all-new driver-focused interior, the TorqueFlite eight-speed transmission and the first supercharged HEMI® engine Chrysler has ever produced. The Challenger Hellcat has been released!"

The 2015 Dodge Challenger SRT coupes will be built at the Brampton (Ont.) Assembly plant. Production is scheduled to begin in the third quarter of 2014.

Awe-inspiring powertrains For 2015, the Challenger SRT with a Hellcat engine is propelled by the

delivering the full bran d experience with fresh potency.

The breakthrough supercharged engine features a forged-steel crankshaft with induction-hardened bearing surfaces. The result is a crank so well-engineered it can withstand firing pressures of 110 bar (1,595 psi) – the equivalent of five family sedans standing on each piston, every two revolutions. And its unique, specially tuned crank damper has been tested to 13,000

High-strength, forged-alloy pistons – developed using advanced

> telemetry measurement – are coupled to powderforged connecting rods with high-loadcapacity bushings and diamond-likecarbon-coated piston pins.

The new supercharged 6.2liter HEMI V-8 has premium-grade, heat-treated aluminum-alloy cylinder heads that are optimized for

superior thermal conductivity. And its die-cast aluminum rocker covers are HEMI Orange.

Unlocking the power

For the first time in Chrysler Group history, the all-new 2015 Dodge Challenger SRT with a Hellcat engine comes standard with two key fobs – red and black. The red key fob is the only key that can unlock the full horsepower and This new HEMI® Hellcat engine torque potential of the Challenger SRT Hellcat engine; while the black key fob limits the driver to a reduced engine output.



new supercharged 6.2-liter HEMI V-8. Its 707 horsepower rating will be the highest of any V-8 engine in Chrysler Group's celebrated history. The all-new V-8 engine can be mated with an upgraded six-speed manual transmission or a beefy, new TorqueFlite eight-speed automatic – the first such gearbox ever offered in the Dodge Challenger SRT's time-

is Dodge and SRT's first application of V-8 supercharger technology,

Hand-Drive Mustang Begins

Testing on All-New Right- For the first time ever, a right-handdrive Ford Mustang will roll off a Ford assembly line when global production begins. The addition of a 4,000 Mustangs were sold in 35

161,000 Mustangs have been sold outside of North America in that time. In 2012 alone, more than

> countries outside of North America. ranging from the United Arab Emirates to Chile to the Philippines.

While Mustang has more than 100 fan clubs around the globe, and was recently voted "Europe's Most Wanted Classic Car" by AutoScout24, bringing a righthand-drive Mustang to market will allow more enthusiasts to

Aug 15, 2014 | Dearborn, Mich

- * Ford's new Mustang goes on sale this fall in the U.S. and globally in more than 120 countries next year
- * This is the first time in 50 year history that the Ford Mustang will be available in a factory-built right-handdrive configuration
- * More than 25 new right-handdrive markets will be able to purchase the new Mustang, including the United Kingdom, Australia and South Africa

right-hand-drive Mustang to Ford's lineup of global vehicles will allow the iconic pony car to be exported to more than 25 right-hand-drive markets around the world, including the United Kingdom, Australia and South Africa.

Mustang engineers recently finished construction of the very first righthand-drive sixth-generation Mustang. The prototype Mustang will be used to conduct various development tests in preparation for the car's entry into the global market in the coming months.

While the United States is the largest market for Mustang with more than 9.2 million sales since the car's debut in 1964, more than

experience the car than ever before.

50 years of Mustang

Ford Mustang is the newest member of a very exclusive club – vehicles in continuous production for 50 years. The car has a worldwide base of fans, including more than 7.6 million on Facebook - the most of any vehicle nameplate. From the beginning, Mustang's unique combination of style, performance and affordability established an entirely new class of sporty cars, and it has led the segment ever since.

The sixth-generation Mustang goes on sale in the United States this fall, and will eventually be available in more than 110 countries worldwide.



GONE CRUISI











Gary's Hot Rods & Cruisers

Gary's Big Road Trip

Welcome to Gone Cruisin', our regular feature on the cruisin' scene brought to you by Gary Rosier. Primarily from in and around Central Florida, but we'll be including interesting events wround the USA. More pics from Gary at http://www.carsplaneslandscapes.co

Gary's been having great fun of late. His mammoth road trip on the way to and from AirVenture at Oshkosh, WI took 31 days on the road to various places, visited 15 states, a total distance of 4089 miles - a GREAT Trip!

WELCOME TO THE VILLAGE OF

month is the American **Legion (VFW Post 205)** car cruise-in of East Aurora, NY. It's a perfect location; scenic and lot's of history too as witnessed by the various tributes to past conflicts and our fallen hero's. This was a record turnout as over 130 cars were present and you couldn't hardly squeeze even a VW Beetle into the grounds. Some very nice cars, including a Ferrari, Lark, vintage/classic and all kinds of muscle cars and more.

The third Monday of the

Thanks to Jim Suttell and his brother Norm (Legion members) for the heads up and to so many who worked hard to pull this off. It was a beautiful evening in **Western New York for** sure!







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ED BULL GLOBAL to Daytona

unique and unparallele

Rally Cross came fans at the track and watching broadcasts alike. Events are designed to produce the fastest and most exciting racing in all of motorsports, without

action."

Red Bull says "Global Rallycross cars roll out of the factory as production models, but improvements to

safety features to bring them up to racing spec. **GRC** vehicles are incredibly versatile; they produce 600 accelerate from 0-60 miles per hour in 1.9

seconds, but are also built to withstand 70foot jumps and contact with other vehicles. **Unlike many other** racing series, they do not feature the aid of electronic traction aids. Ford, Volkswagen,

Chevrolet serve as Official Manufacturer Partners of the series."

Our local correspondent, Gary Rosier, went along to enjoy the action . . .

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SOS SWheels Wines & Wheels

THE NEXT ISSUE OF SPEEDI WINGS & WHEELS FEATURES THE RENO AIR RACES, 2014 AS WELL AS MUCH MORE AVIATION AND MOTORSPORT ACTION

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Photo: Jim (Flybum) Pratt