

Speedi

Wings & Wheels

www.speedi.tv

December 2015 / January 2016

Issue No: 23

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News

Events

Features

Show Reports

Reviews



HISTORIC SPORTS CARS DAYTONA



TURKEY RUN 2015



130 Pages Full of Action

FREE!
Online
Magazine

THIS MONTH: Historic Sports Cars Daytona Spruce Creek Toy Parade Turkey Run 2015 and Much More

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NASA's Lunar Reconnaissance Orbiter (LRO) recently captured a unique view of Earth from the spacecraft's vantage point in orbit around the moon.

Image: NASA

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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

Editorial



Welcome to the December 2015 / January 2016 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 the Spruce Creek Toy Parade 2015 - 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*

The final C-17 Globemaster III airlifter flies from Long Beach, Calif., enroute to San Antonio, Texas on Nov. 29, 2015.

Image: Boeing



8 *Spruce Creek Toy Parade - 2015*

Speedi

Wings & Wheels

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34 Page Christmas Special

The annual Christmas celebration at the world's largest fly-in community - Spruce Creek, near Daytona Beach in Florida. A true celebration of Christmas fun on the ground and in the air . . .

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Unmanned Aircraft Registration System Takes Flight

December 21, 2015

Registration will be free for the first 30 days

WASHINGTON – The Federal Aviation Administration's (FAA) new web-based registration system for small unmanned aircraft systems (UAS) is now active. Hobbyists and recreational users who fly UAS, which include remote controlled aircraft, may register at www.faa.gov/uas/registration.

Owners must register small UAS weighing more than 0.55 pounds (250 grams) and less than 55 pounds (approx. 25 kilograms) if they are to be flown outdoors for hobby or recreation. Transportation Secretary Anthony Foxx and FAA Deputy Administrator Mike Whitaker announced the rule requiring registration earlier this month.

Aircraft operated by the current

owner before Dec. 21, 2015 must be registered no later than Feb. 19, 2016. For all others, registration is required prior to the first outdoor flight. Owners must provide their complete name, physical address, mailing address (if different), and a valid email address to register.

Federal law requires a \$5 registration fee that will be collected at the time of registration via credit card. To encourage speedy compliance, the FAA is making the process free for the first 30 days. (The registration website will initially charge the owner's credit card \$5, but a refund credit will appear shortly afterward.)

After completing registration, owners will receive a personal registration number. If a person owns more than one small UAS, each aircraft must be marked with that number. Any method may be used to mark the UAS, as long as the number is legible. Registrants may put the number in the battery compartment if it is easily accessible.

The FAA will immediately email a certificate containing the holder's name, registration number, and the dates of issuance and expiration. The operator must keep either a printed or electronic version of this certificate on hand for inspection as proof of registration. Registration must be renewed every three years.

All aircraft weighing more than 0.55 pounds (250 grams) and less than 55 pounds (approx. 25 kilograms), including payloads such as on-board cameras, must be registered.

Under this rule, owners who previously operated an unmanned aircraft exclusively as a model aircraft prior to December 21, 2015, must register no later than February 19, 2016. Owners of any other UAS purchased for use as a model aircraft after December 21, 2015 must register before the first flight outdoors. Owners may use either the paper-based process or the new streamlined, web-based system. Owners using the new streamlined web-based system must be at least 13 years old to register.

The FAA also reminds unmanned aircraft owners there's no need to work with a "drone registration" company to help file an application for a registration number. The Registration site is designed to be simple and easy to use for every hobbyist.

The FAA has partnered with several industry associations to educate the public about using unmanned aircraft safely and responsibly. Remember these rules when you fly:

- Fly below 400 feet altitude.
- Keep your unmanned aircraft in sight at all times.
- Never fly near manned aircraft, especially near airports.
- Never fly over groups of people, stadiums or sporting events.
- Never fly near emergency response efforts.



Navy Funds Rutgers to Develop Drone Equally Adept at Flying and Swimming

One-of-a-kind vehicle could speed search and rescue, monitor oil spills, defuse underwater mine threats

Friday, October 23, 2015

By Carl Blesch - Rutgers Today

The Office of Naval Research has awarded Rutgers University a grant to develop a drone – equally adept at flying through the air and navigating underwater – that could speed search-and-rescue operations, monitor the spread of oil spills and even help the Navy rapidly defuse threats from underwater mines.

Javier Diez, a professor in the Department of Mechanical and Aerospace Engineering, had been dabbling with the concept for years with the help of his graduate and undergraduate students. But when he demonstrated it to Navy research officials earlier this year, they almost immediately funded his work on new versions of the air-and-water craft.

They told me they'd never seen anything like it," said Diez, who at first compared the vehicle to what nature does.

"There are birds that dive into water and fish that fly," he said.

But that comparison breaks down quickly.

"Waterfowl are still better at flying than swimming, and flying fish are

still better at swimming than flying. Our device is equally adept at both," he said. "In a sense, we are defying nature rather than emulating it."

Diez predicts many potential applications. For search and rescue, for instance, the vehicle could scan the water from above to locate missing swimmers and sailors, and upon spotting shipwreck debris could dip underwater to further examine the scene. At an oil spill site, it could map the spread of a spill and see how deep the plume reaches.

An air-and-water drone could also help engineers inspect underwater structures, such as bridge and dock piers, ship hulls and oil drilling platforms.

But what specifically makes the concept attractive to the funding agency – the R&D arm of the United States Navy – which awarded the \$618,000 grant?

"Mines are probably the biggest problem for the Navy," said Diez. "They need to map where mines

are. Now there are a lot of false positives. This could be a better technology to rapidly investigate these potential threats."

And in naval warfare, a fleet of drones could be stationed out of sight in an underwater base or on a submarine. The drones could emerge quickly from the depths, get a quick glimpse of enemy ship deployments, and then hide again.

Diez acknowledges that much work needs to be done. For example, the models that he and his students have demonstrated are tethered by a thin wire to a controller, as typical radio signals can't penetrate the water. To cut the cord, engineers will study ways to control vehicles acoustically – with sound pulses instead of radio waves.

"By next summer, we plan to demonstrate a vehicle that can swim in a seawater environment and do complex maneuvers," he said. "At that point, we'll start to outfit it with whatever sensors the Navy wants to have, such as cameras and sonar detectors."

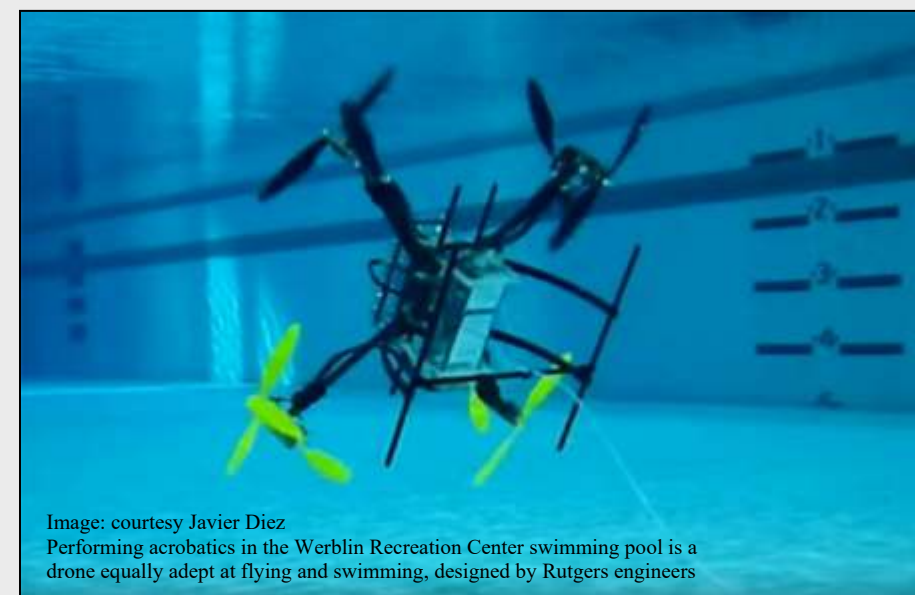


Image: courtesy Javier Diez
Performing acrobatics in the Werblin Recreation Center swimming pool is a drone equally adept at flying and swimming, designed by Rutgers engineers

TAM Airlines becomes first A350 XWB operator from the Americas

18 December 2015

Most efficient wide body offers passengers new-generation flying experience

LATAM Airlines Group, made up of LAN Airlines and TAM Airlines, has taken delivery of its first A350 XWB in Toulouse, France. In doing so, TAM will become the first airline in the Americas to operate the all-new airliner and the fourth worldwide. TAM's aircraft is configured in a premium two-class layout, with 348 seats, comprising of 30 Premium Business Class and 318 Economy. LATAM has ordered a total of 27 A350 XWB aircraft for the Group.

The carrier will start operating the A350 XWB commercially in January 2016 between Sao Paulo and Manaus, Brazil, as part of continued training and crew familiarization. This will be followed by operations from Sao Paulo to Miami in March and then to Madrid in April.

"Adding this aircraft into our fleet not only proves our commitment to maintaining one of the youngest and most modern fleets in the world, but it also strengthens our relationship

with Airbus, a true partner with whom we have grown in the last decades," said Roberto Alvo, CEO of International & Alliances, LATAM Airlines Group.



"The A350 XWB brings us the best of both worlds, complementing our existing eco-efficient fleet and the best in aviation technology to ensure even greater levels of comfort for our passengers," said Claudia Sender, CEO of TAM S.A.

"The A350 XWB symbolises Airbus' mission to innovate and to provide the market with the world's leading aircraft," said Fabrice Brégier, Airbus President and CEO. "Offering unrivalled passenger flying experience and operational productivity, the A350 XWB is the perfect aircraft to support TAM's long-haul strategy to Europe and the United States".

Over the years, Airbus and TAM have grown together to become partners in building today's dynamic aviation market in the

region. In 1998, TAM became an Airbus operator with the A330-200. Together, LAN & TAM have ordered nearly 380 Airbus aircraft with more than 250 Airbus aircraft in operation. Today, LATAM is the biggest Airbus customer in the Southern Hemisphere and one of the top 10 Airbus customers worldwide.

The world's latest generation airliner, the A350 XWB, is the newest member of Airbus' modern, comfortable and efficient wide-body aircraft family. The long-range A350

XWB features the most modern aerodynamic design, carbon fibre fuselage and wings, plus new fuel-efficient Rolls-Royce Trent XWB engines that together bring 25 percent reduction in fuel burn and emissions with significantly lower maintenance costs. For passengers, it brings new levels of in-flight comfort, with an extra-wide cabin offering more personal space in all classes, including 18-inch wide seats as standard in economy class.

Including the TAM delivery, so far in 2015 Airbus has delivered 13 A350 XWBs to four customers in four corners of the world. Airbus has recorded a total of 775 firm orders from 41 customers worldwide, making the A350 XWB one of the most successful wide body aircraft ever.

Dubai Airshow: Partnerships Lead the Way

Boeing takes a personalized approach at this year's show by focusing on developing its longstanding relationships in the Middle East

November 11, 2015

Organizers of the 2015 Dubai Airshow estimate 65,000 visitors to this year's show, topping the record attendance in 2013. The tone of the show is different this year, with a focus on developing the company's longstanding relationships in the Middle East.

As Boeing began celebrating its centennial with the opening of the "Above and Beyond" exhibit at Children's City in Dubai, locals have taken note of the company's almost 70-year presence in the Middle East.

Boeing Defense, Space & Security signed an agreement with UAE-based Tawazun Precision Industries to produce aerospace parts for tactical aircraft. BDS' close partnership with the U.S. Navy was also apparent during a media briefing on the P-8A Poseidon.

"Everything that one could ask for has been delivered," commented Commander Jason Williamson, when asked about performance of the P-8A.



The U.S. Navy also discussed successes and future plans for the V-22 at the show, and Bob Schoeffling, senior manager, Global Sales and Marketing, talked about the future of maritime surveillance in a briefing on the Maritime Surveillance Aircraft, which made its debut in Dubai this year. Commercial Airplanes gave show attendees a chance to step inside each airplane model from 737 MAX to the 787 Dreamliner using virtual reality goggles Media took note that just two years ago, Boeing outlined its plans to develop the Challenger aircraft outfitted with similar systems as the P-8 and the rapid development that enabled its presence at the show.

In a display of past, present and future, a Boeing 1942 Stearman airplane, sat on static display next to an AH-46 Apache, the MSA and Qatar's 25th 787. The Stearman was piloted by Tracey Curtis Taylor, who is recreating the historic first solo flight by a female aviator from the UK to Australia. Curtis-Taylor stopped in Dubai and engaged with

supporters, curious on-lookers and the media about her historic flight. On the final day of the show, Curtis-Taylor spoke to hundreds of students attending "Future's Day," to encourage the next generation of aerospace innovators.

Commercial Airplanes gave show attendees a

chance to step inside each airplane model from 737 MAX to the 787 Dreamliner using virtual reality goggles. Randy Tinseth, vice president, Marketing, Boeing Commercial Airplanes discussed in detail the reality of the 787's performance, reliability and passenger experience based on findings from intensive research conducted with passengers and customers operating the aircraft across the world.

Charlie Miller, vice president, International Corporate Communications summed up the show this way: "The 2015 Dubai Airshow has been very positive for Boeing as we strengthened alliances with partners, secured key commercial airplane orders and met with senior government leaders and customers. This show has been especially important to us as it coincides with our Centennial celebrations. The agreements we announced help to bolster a growth trajectory for our second century."

SPRUCE CREEK TOY PARADE 2015



Photos for this feature by Gary Rosier - website: <http://www.carsplaneslandscapes.com>

Supplemented where noted on the photo by Stefan Buntentbach - website: www.spruce-creek.net

Marcia & Connie Shad - Grand Marshall 2015



Before the ground part of the Toy Parade started Spruce Creek Gaggles pilots flew a series of formation flights - this year over 50 planes were involved, which was a record . . .

The photo above shows Lakes / Goofy Flight of 15 lined up on Lindy Loop, and ready to 'start engines'











Lakes / Goofy Flight line up on the runway



Lakes / Goofy Flight overhead for a pass





Photo right: Lakes / Goofy Flight of 15 overhead in formation



Photo above: Gaggle Flight 'Colonel' Keith Philips briefing the formation pilots







© Stefan Buntенbach www.spruce-creek.net









Larry Traskos relives his youth riding Steve Wood's 1959 BSA Rocket Gold Star. Over the years, Larry has owned a number of Gold Star's . . .







Jeff Edwards riding Grand Marshall Connie Shad's Gold Wing trike





















Lenny Ohlsson and his Waco









UNTIL NEXT YEAR . . .



SPEEDI'S BLOG

WELCOME TO SPEEDI'S Blog.

Drones seem to be making the headline these days on both sides of the Atlantic.

Here's what the UK's CAA has to say about these craft: "The use of various types of unmanned aircraft, popularly known as drones, has increased rapidly in recent years - both for private leisure use, and for commercial 'aerial work'. Unmanned aircraft are generally fitted with cameras, unlike traditional remote controlled model aircraft which have been used by enthusiasts for many years. As such drones are likely to be operated in a way that may pose a greater risk to the general public and other aircraft. Unlike manned or model aircraft there are no established operating guidelines so operators may not be aware of the potential dangers or indeed the responsibility they have

towards avoiding collisions. Anyone flying a drone either recreationally or commercially has to take responsibility for doing so safely."

The USA's FAA says: "Unmanned aircraft systems (UAS) are inherently different from manned aircraft. Introducing UAS into the



nation's airspace is challenging for both the FAA and aviation community, because the U.S. has the busiest, most complex airspace in the world. The FAA is taking an incremental approach to safe UAS integration."

There's no doubt whatsoever that the huge worldwide

increase in the use of drones is causing a danger to aviation, and in my view even with compulsory registration the problem will more than likely persist.

The present rules for drones under 55 lbs (25kg) in weight - imagine a big suitcase of a weight which the airlines would refuse to carry - that is one huge hunk of material just waiting to hit an aircraft.

Some of the smaller drones are not low cost flying machines. The mapping drone in the photo left is available from BHP Photo Video for \$18717.

The model shown in the photo below costs \$1259 including a gimbal stabilized 4K camera. No wonder that the first



Drone Billionaire is now a reality - an entrepreneur from China.

The registration of drones in the USA is now compulsory, but this has also been extended to model aircraft. Needless to say the 'scammers' have taken advantage of an opportunity too lucrative to resist . . .



According to the long established Academy of Model Aeronautics, shortly after the drone registration task force announced their recommendations to the FAA, fake registration websites began to appear. These sites are scamming model pilots to register in an attempt to steal personal and credit card information. Many of these fake sites look credible or appear to belong to the FAA. The FAA recently warning pilots to avoid

sites that offer paid services.

Even here at Spruce Creek Fly-in we have had problems with drone flying. According to the FAA rules drones are not allowed to be flown within 5 nm of an airport, without prior permission of the airport operator or control tower. So our airport committee is having to devote time to this potentially dangerous issue

There's a drone school been established just outside the 5 nm distance from our runway - and it's run by a Spruce Creek pilot who has gone into the lucrative business of selling drones. The trouble is that it's right next to a reporting point used by pilots flying into our airport. OK, the drones are restricted by the FAA to flying no higher than 400 ft. But what if one gets away?



Enough about drones.

As you will see elsewhere in this issue we have just held our annual Toy Parade. We had the largest ever number of planes taking part in the mass formation flight - over 50 planes - including a P-51 and an A-4 jet.



Coming up in a few weeks time is the annual Spruce Creek Bonfire. This is when the community comes together to enjoy a large bonfire which is built alongside the runway. Our formation group will be flying a large number of planes.



NEW 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 Info Quick List.

TEL 386/760-5884 or Airport Manager cell see below.

FAX 386/761-7808 AFTER 1700386/756-6125 (Security)

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)

CTAF..... 122.975 MHz (pilot actuated lights 3-5-7 clicks)

AWOS..... 121.725 MHz

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

FUEL 386 257-7791 (on field) or 129.7 MHz (forward request to Spruce Creek)

Airport Manager: John Sponza, Cell 386 872-1430

Airport Assistant Manager: Buddy Dicey, Cell 386 872-1431

Airport Assistant Manager: John Steidinger, Cell 386 872-1431

Airport Assistant Manager: Dave Baldwin, Cell 386 872-1431

Airport Committee Chairman: Kathy Royer, Cell 386 451-8929



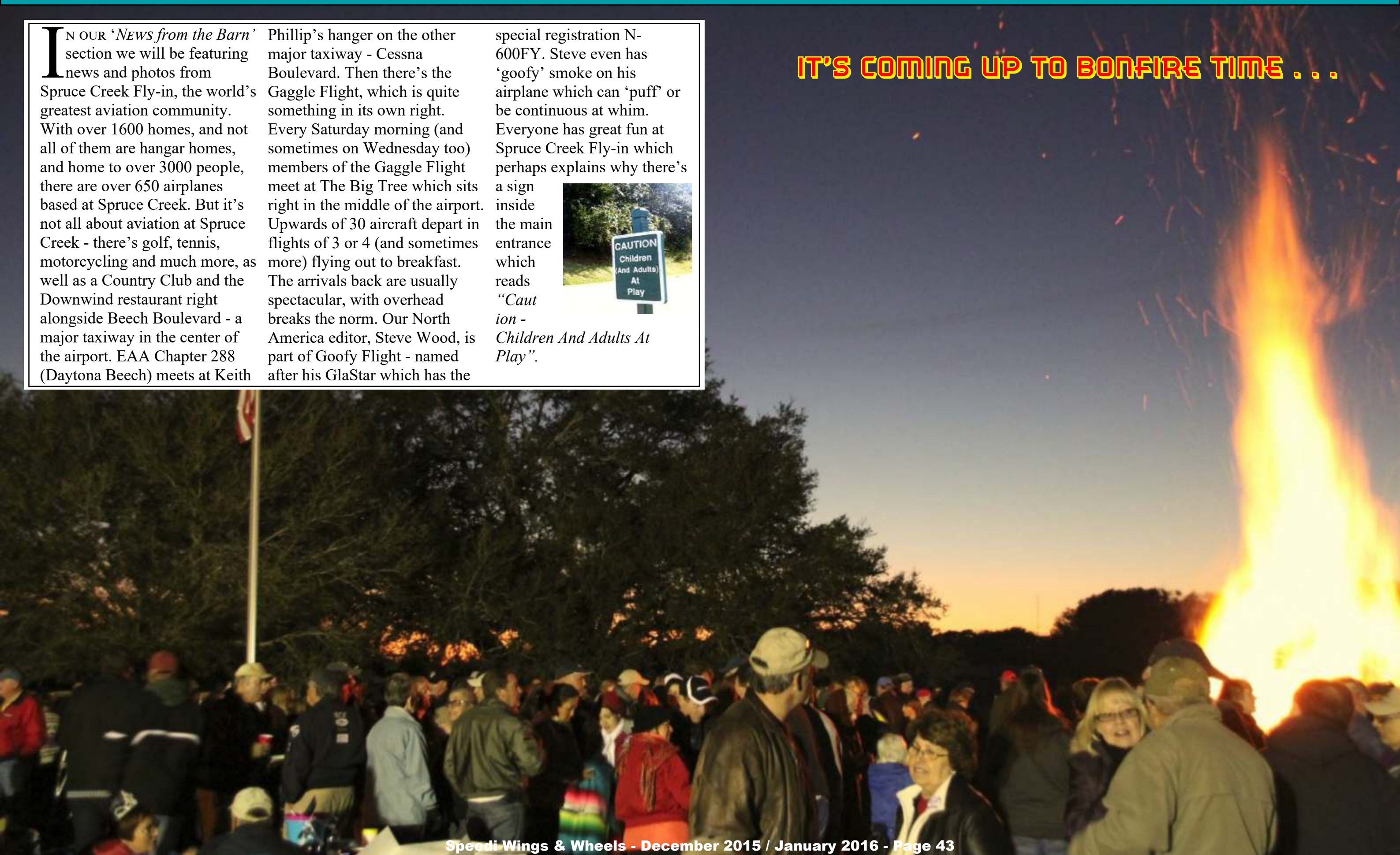
IN OUR 'News from the Barn' section we will be featuring news and photos from Spruce Creek Fly-in, the world's greatest aviation community. With over 1600 homes, and not all of them are hangar homes, and home to over 3000 people, there are over 650 airplanes based at Spruce Creek. But it's not all about 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 taxiway - 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 has the

special registration N-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".



IT'S COMING UP TO BONFIRE TIME . . .





The Spruce Creek Bonfire is a popular annual event. In 2016 the date is Saturday January 23. We'll have a full feature in our next issue, but in the meantime here's some photos from the 2014 event . . .











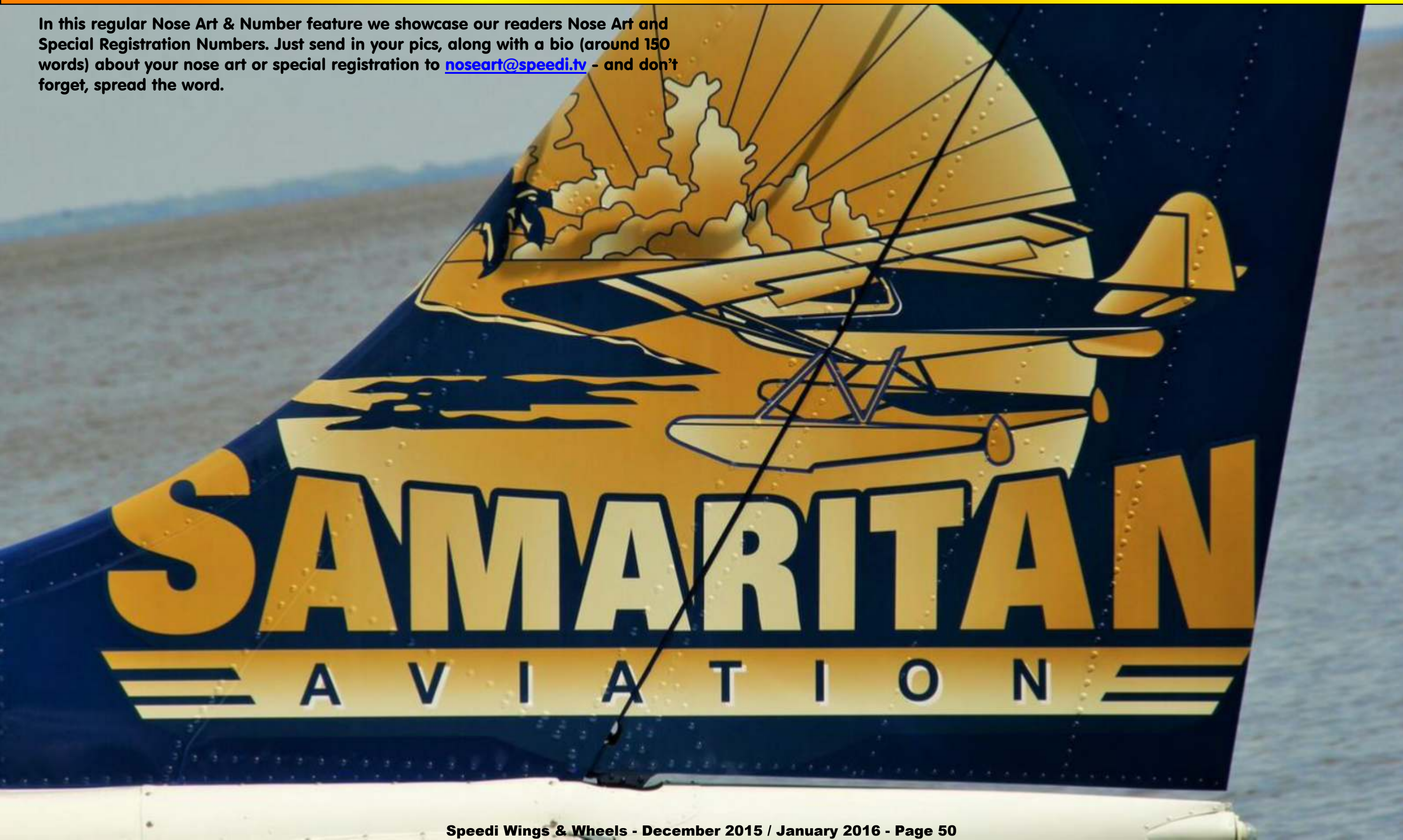
See you there . . .



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.



Ford GT Snap Kits Coming to North American International Auto Show; Revell Builds Af-Ford-Able GT, On Sale in April

The auto show kit includes 14 pieces for easy assembly in just a few minutes, and will feature a unique auto show stamp on the bottom to signify the special edition. The retail model is more detailed; it has 28 pieces and will take 10 to 15 minutes to build. The retail kit will

Ford has worked with Illinois-based Revell to build snap kits for auto shows and for retail sale since 2013. The licensing agreement started with Mustang, followed by a Raptor version.

"We've always enjoyed building



* Kids visiting the 2016 North American International Auto Show can get a free, limited edition, build-it-yourself Ford GT snap kit from the Ford stand

* Ford GT is the third collaboration between Ford and Revell since 2013, following Mustang and Raptor snap kits

* Ford GT snap kits will be available to purchase through online stores and retailers starting in April

DEARBORN, Mich., Dec. 28, 2015

Kids can get their very first Ford GT when they stop by the Ford stand at the North American International Auto Show in January. Ford is giving away Revell-built Ford GT model snap kits and will introduce a retail line in April.

be widely available to purchase for \$14.99.

"Our annual Revell Make 'n Take model kit program has become a fun-filled auto show tradition," said Mark Bentley, Ford Licensing manager. "Letting kids build their own Ford GT is a great way to introduce them to the Ford brand and create new enthusiasts."

Ford products," said Brian Eble, Revell's Vice President of Marketing. "Ford's iconic designs make them a great brand to replicate. From first time model builders to master builders; Ford products continue to be one of the most sought after subject matter for scale plastic model kits."



Jaguar Returns to Racing

15 December 2015

Jaguar today announced its return to global motorsport. In the autumn of 2016, Jaguar will enter the third season of the exciting FIA Formula E Championship as a manufacturer with its own team. FIA Formula E is the world's first global single-seater championship for electric powered cars.

FIA Formula E offers a unique opportunity for Jaguar Land Rover to further the development of future EV powertrain including motor and battery technology.

Nick Rogers, Group Engineering Director for Jaguar Land Rover, said: "I am proud to announce Jaguar's return to racing with an entry into the innovative FIA Formula E championship. Electric vehicles will absolutely play a role in Jaguar Land Rover's future product portfolio and Formula E will give us a unique opportunity to further our development of electrification technologies. The Championship will enable us to engineer and test our advanced technologies under extreme performance conditions.

It is my belief that over the next five years we will see more changes in the automotive world than in the last three decades. The future is about being more connected and more sustainable; electrification and lightweight technologies are becoming more important than ever as urbanisation continues to increase. Formula E has recognised and reacted to these trends and the championship's exciting and pioneering approach is the perfect fit for our brand."

Jaguar Land Rover employs over 8,000 engineers and is the UK's largest investor in research and development across any business sector. Jaguar's Formula E team will be able to draw upon this industry leading resource with Jaguar Land Rover engineers working closely with the race operations team.

Those engineers will not only be able to apply their knowledge within the race team environment but crucially use the experience to extract data and push the boundaries of electric technology in a performance environment.

Williams Advanced Engineering will be Technical Partner to the Jaguar Formula E Team and provide extensive motorsport knowledge, combined with high performance

EV Systems experience and success. Jaguar Land Rover has a long term relationship with Williams, who partnered with Jaguar on the development of the Jaguar C-X75 plug-in hybrid concept car. The team entry has been granted by Formula E and approved by the Fédération Internationale de l'Automobile (FIA).

Alejandro Agag, Chief Executive Officer for Formula E, said: "We are delighted to welcome Jaguar into Formula E. Jaguar is a brand with a rich sporting heritage and the fact that it is returning to global motorsport with Formula E is a huge endorsement of the championship and its ability to influence the development of electric cars. Jaguar brings with it a passionate fan base that will drive the popularity of the championship across the world and once again shows that Formula E is the future of motorsport."

James Barclay, Jaguar Team Director, said: "We looked in detail at alternative ways of returning to motorsport. This was such an important decision for Jaguar and we wanted to get it right. With our future EV plans, Formula E was the obvious choice and we believe that the benefits are enormous. The FIA and the promoter have exciting plans for the future of the championship and we are proud to be one of the first vehicle manufacturers to commit to the series with our own team. We have a lot of work to do ahead of the first race but it is a challenge we relish. We hope that we can welcome a new generation of fans to Jaguar through this exciting programme."



Land Rover 'Defender 2,000,000' Sells For Record £400,000 At Bonhams Charity Auction

15 December 2015

- * One-of-a-kind Land Rover 'Defender 2,000,000' sold for £400,000 at prestigious charity auction at Bonhams
- * Thought to be most valuable production Land Rover ever to be sold at auction
- * VIPs including Joanna Lumley join collectors and fans of the iconic vehicle as milestone Defender goes under the hammer
- * 'Defender 2,000,000' - the two millionth Series Land Rover and Defender produced at Land Rover's Solihull, UK plant - assembled by all-star cast including adventurer

Bear Grylls and actress and conservationist Virginia McKenna

* Vehicle created as tribute to almost seven decades of Land Rover production in the Solihull plant, ending in January 2016

* All proceeds from auction donated in their entirety to Land Rover's humanitarian and conservation partners, the International Federation of Red Cross and Red Crescent Societies (IFRC) and the Born Free Foundation
A one-of-a-kind Land Rover Defender sold for a record £400,000 at a prestigious charity auction at Bonhams tonight, from which all proceeds are being donated to Land Rover's humanitarian and conservation partners. This is the thought to be the most valuable production Land Rover ever to be sold at auction.

The unique vehicle, the two-millionth of the iconic Series Land

Rover and Defender models manufactured at Land Rover's Solihull plant since 1948, was sold to a bidder from Qatar. The vehicle was built in May 2015 by an all-star cast of brand ambassadors and people from Land Rover's history including Bear Grylls, Virginia McKenna OBE and Stephen and Nick Wilks, sons of the founders of Land Rover. All proceeds from the sale will be donated to Land Rover's humanitarian and conservation partners: the International Federation of Red Cross and Red Crescent Societies (IFRC), who will use the donation to help communities in South-East Nepal to improve how they tackle natural disasters, and the Born Free Foundation who plan to use the funds to support the 'Project Lion Rover' wildlife conservation initiative in Meru National Park, Kenya. The project provides critical equipment to help protect lions and other wildlife and establishes education and community involvement to tackle issues such as snaring and poaching.

Attendee Joanna Lumley, Founder Patron of international wildlife charity the Born Free Foundation, expressed the importance of donations in the work they do worldwide to save lives, stop suffering and protect species in the wild: "To raise such a substantial amount with the sale of one vehicle is phenomenal. Without the support of the public and partners such as Land Rover, we would not be able to effectively make a positive change to the world as we know it."

Born Free Foundation Founder and Trustee Virginia McKenna OBE >

said: "Despite seriously lacking mechanical skills, I was given the great privilege of attaching the number plates to this very special Defender. Land Rover has been in our lives since 1964, when my husband Bill and I went to Kenya to film 'Born Free'. Each day we went out in our vehicle with George Adamson and a lion; out on to the plains for our early morning walk. We are delighted that the money raised from today's auction will help Born Free's work with wildlife in the Meru area of Kenya."

Mike Adamson, Chief Executive of The British Red Cross said: "We are extremely grateful to Land Rover for so generously donating half the proceeds of the sale of this one-off vehicle towards our work in Nepal. The Red Cross has used Defenders in humanitarian work and relief efforts in the UK and around the world since the early 1950s and has benefited from Land Rover's support on many occasions through vehicle donations and loans. This vitally important project in Nepal - the 18th supported by Land Rover - will improve the lives and livelihoods of thousands of people and communities."

John Edwards, Managing Director of Jaguar Land Rover's Special Operations, who

oversaw the build of the car, said: "Earlier this year, we had the opportunity to turn a milestone Land Rover into a true collector's car. With the expert help of my SVO team and a handful of willing Land Rover ambassadors, we created something unique and very special. Tonight's sale will go down as part of our history. Of course, Defender has a future and will live on in its own right. But the original Series Land Rovers and Defenders will also continue to thrive through our Jaguar Land Rover Heritage division."

Robert Brooks, Bonhams Chairman, said: "It's a great privilege for Bonhams to have been selected by Land Rover to offer this historically significant, one-of-a-kind Defender at auction. Following spirited bidding, the gavel finally fell to a delighted bidder on the telephone, achieving an excellent six-figure

sum for two wonderful charitable causes."

The vehicle, built as part of a year of celebrations for the much loved 4x4 which will cease manufacturing in Solihull in January 2016, boasts a host of distinctive and bespoke finishing features including an engraved map of Red Wharf Bay - where the design for the original Land Rover was first drawn in the sand, and a unique 'no 2,000,000' badge. Inside, the leather seats also feature the 'Red Wharf Bay' graphic and 'no 2,000,000' logos have been stitched on the headrests. A bespoke aluminium plaque, signed by everyone who helped to assemble the vehicle is fitted to the driver's seat. Special S90 HUE registration plates provide a fitting tribute to the first ever pre-production Land Rover, registration 'HUE 166'.



MINI at the Los Angeles Auto Show 2015

presented at the stand of the tradition-steeped British brand.



17 November 2015

Munich/Los Angeles. With a double US premiere at the Los Angeles Auto Show 2015, MINI puts the spotlight on the latest products to emerge from the change of generation in the brand's model range. At the international trade fair on the west coast of California, the British premium automobile manufacturer presents both the new MINI Clubman and the new MINI Convertible to the American public for the first time. Both models provide the perfect basis for additional target groups to access the distinctive MINI feeling in its very latest form. The anniversary of a successful model will also be celebrated in Los Angeles: the 500 000th MINI Countryman will be

By extending its model range, the MINI brand is providing an impetus for its continued growth in the American automotive market. The USA continues to be the most important single market for automobiles of the MINI brand. The appeal of the latest model generation is reflected in this market, too, in the high level of demand for the new MINI 3 door and the new MINI 5 door. They too will be on show at the LA Auto Show, along with the top athlete of the new model generation, the MINI John Cooper Works.

Successful all-rounder: 500 000 MINI Countryman produced to date.

Another success factor in the USA, too, is the MINI Countryman - the brand's first model with four doors, a large tailgate, five seats and optional all-wheel drive. 500 000 of this talented all-rounder have already been produced, guaranteeing authentic MINI driving fun even beyond the sphere of urban mobility. The anniversary vehicle will be on display at the 2015 LA Auto Show. It is finished in the colour variant

Kite Blue metallic, which is presented on the body of the anniversary car for the first time and will be available for the MINI Countryman as of spring 2016.

The LA Auto Show was first held in the year 1907. It is the last highlight of the year in the industry's international auto show calendar and offers an interesting look ahead to the automobile trends and innovations of the upcoming season. This year, automobile manufacturers and suppliers from all over the world will be presenting their current models and products along with future-oriented studies and concepts at the Los Angeles Convention Center from November 20th to 29th 2015.



Nissan and BMW partner to deploy dual fast chargers across the U.S. to benefit electric vehicle drivers

NASHVILLE, Tenn., and WOODCLIFF LAKE, N.J. Dec 21, 2015 - Nissan and BMW are joining forces to offer public fast charging at 120 locations across 19 states in an effort to support Nissan LEAF and BMW i3 customers and to promote increased adoption of electric vehicles (EVs) nationwide.

With this partnership between two of the top EV manufacturers, Nissan and BMW address the growing demand for additional public fast-charging options in markets spanning the country, giving drivers the ability to easily extend the length of their electric travels. The breadth of Nissan and BMW's fast-charger buildout is expansive, with fast chargers now available in California, Connecticut, Florida, Georgia, Illinois, Indiana, Maryland, Minnesota, Missouri, New Mexico, Nevada, New York, North and South Carolina, Ohio, Pennsylvania, Tennessee, Virginia and Wisconsin.

"Nissan takes a three-pronged approach to growing public EV charging options for LEAF drivers by installing quick chargers in the community, at corporate workplaces

and at Nissan dealerships," said Andrew Speaker, Nissan's director of Electric Vehicle Sales and Marketing. "By working with BMW to increase the number of available public quick-chargers, we are able to further enhance range confidence among EV drivers across the country."

"BMW continues to pursue new ways to support the development of a robust public charging infrastructure that will benefit current and future BMW i3 owners across the country. This BMW-Nissan project builds on BMW's ongoing commitment to participate in joint partnerships designed to expand DC Fast charging options nationwide for all EV drivers," said Cliff Fietzek, Manager Connected eMobility, BMW of North America. "Together with Nissan, we are focused on facilitating longer distance travel so that even more drivers will choose to experience the convenience of e-mobility for themselves."

Each of these new locations will offer a dual 50 kW fast-charging station with both CHAdeMO and SAE Combo connectors, serving owners of both Nissan LEAF and BMW i3 electric cars, as well as all EV drivers in the U.S. whose vehicles are equipped with quick-charge ports. These 50 kW stations can charge EVs from Nissan and BMW up to 80 percent in about 20-30 minutes, as compared to the longer time required to recharge at a Level 2 (240V) charger, currently the most commonly available public charging station.

Drivers can easily locate the chargers with ConnectedDrive in the BMW i3—either using the in-

vehicle Navigation or by using the BMW i Remote App—or via the Nissan EZ-Charge smartphone app. Additionally, these chargers are compatible with the Nissan EZ-Charge cards.

Since the launch of Nissan LEAF – the world's best-selling electric car – Nissan has reinforced its commitment to zero-emission mobility with investments in EV charging infrastructure to serve the needs of LEAF drivers in markets across the U.S. Nissan also recently introduced the new 2016 LEAF, which has available best-in-class range of 107 miles, making it the first affordable EV to get more than 100 miles on a single charge. Nissan LEAF gets 126 MPGe city and 101 MPGe highway on S models, and 124 MPGe city and 101 MPGe highway on SV and SL trim levels. All LEAF models feature an 80kW AC synchronous motor that generates 107 horsepower and 187 lb-ft of torque, providing a highly responsive, fun-to-drive experience.

BMW i is focused on the development of visionary vehicles and mobility services, inspiring design, and a new understanding of premium that is strongly defined by sustainability. The BMW i3, the first all-electric vehicle from the BMW Group and winner of the 2015 Green Car of the Year award, has been the standout in the electric vehicle field since its launch in 2013. With a 170 horsepower synchronous electric motor powered by a 22-kWh lithium-ion battery, the BMW i3 can travel emissions free for 80-100 miles. With a combined rating of 124 MPGe, the BMW i3 is the most efficient EV as rated by the U.S. EPA.

GONE CRUISIN'

Gary's Hot Rods & Cruisers



DAYTONA

Turkey Run

November 2015
36 Page Feature



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 around the USA. More pics from Gary at <http://www.carsplaneslandscapes.com/>



















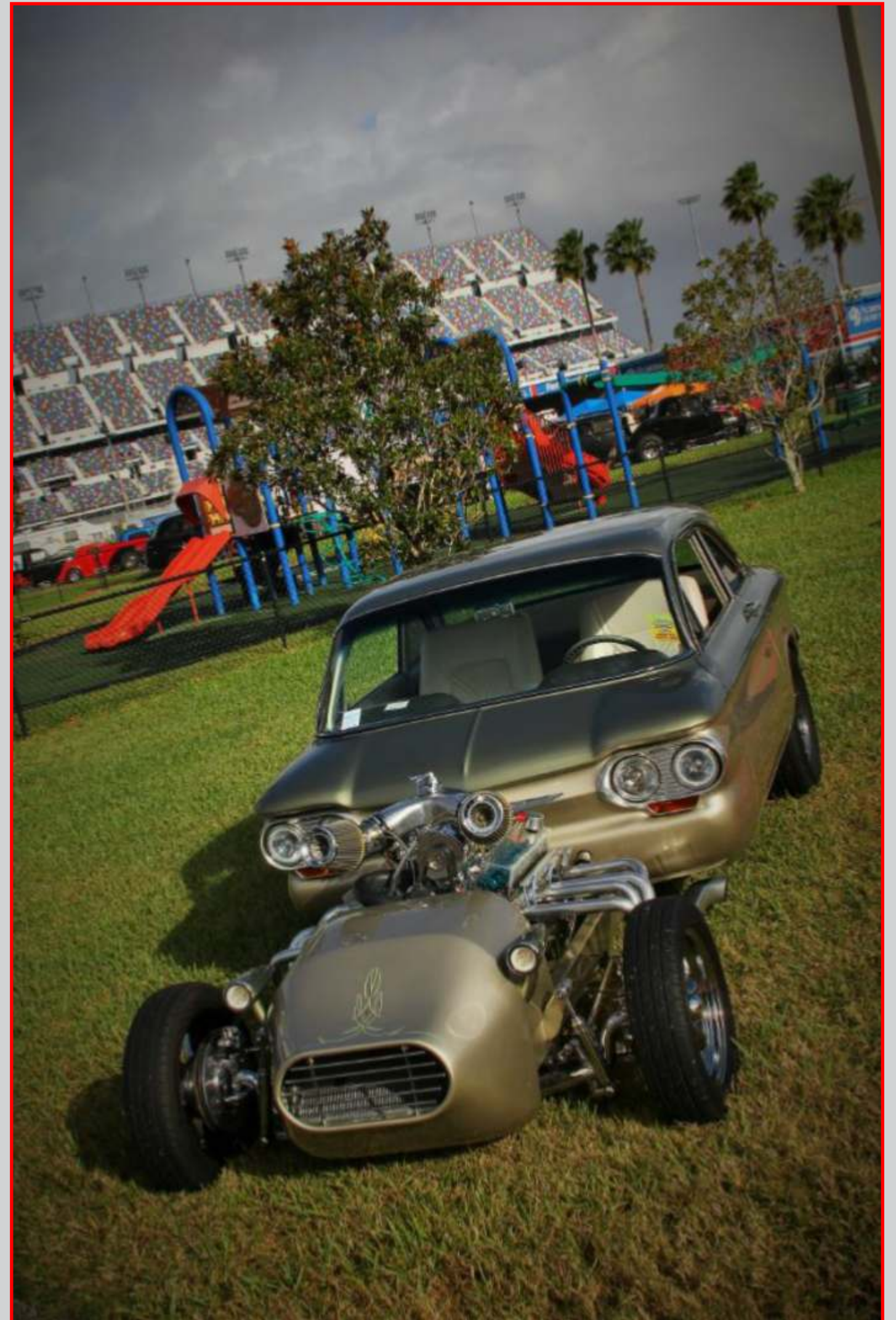




















































40 PAGE SPECIAL



















































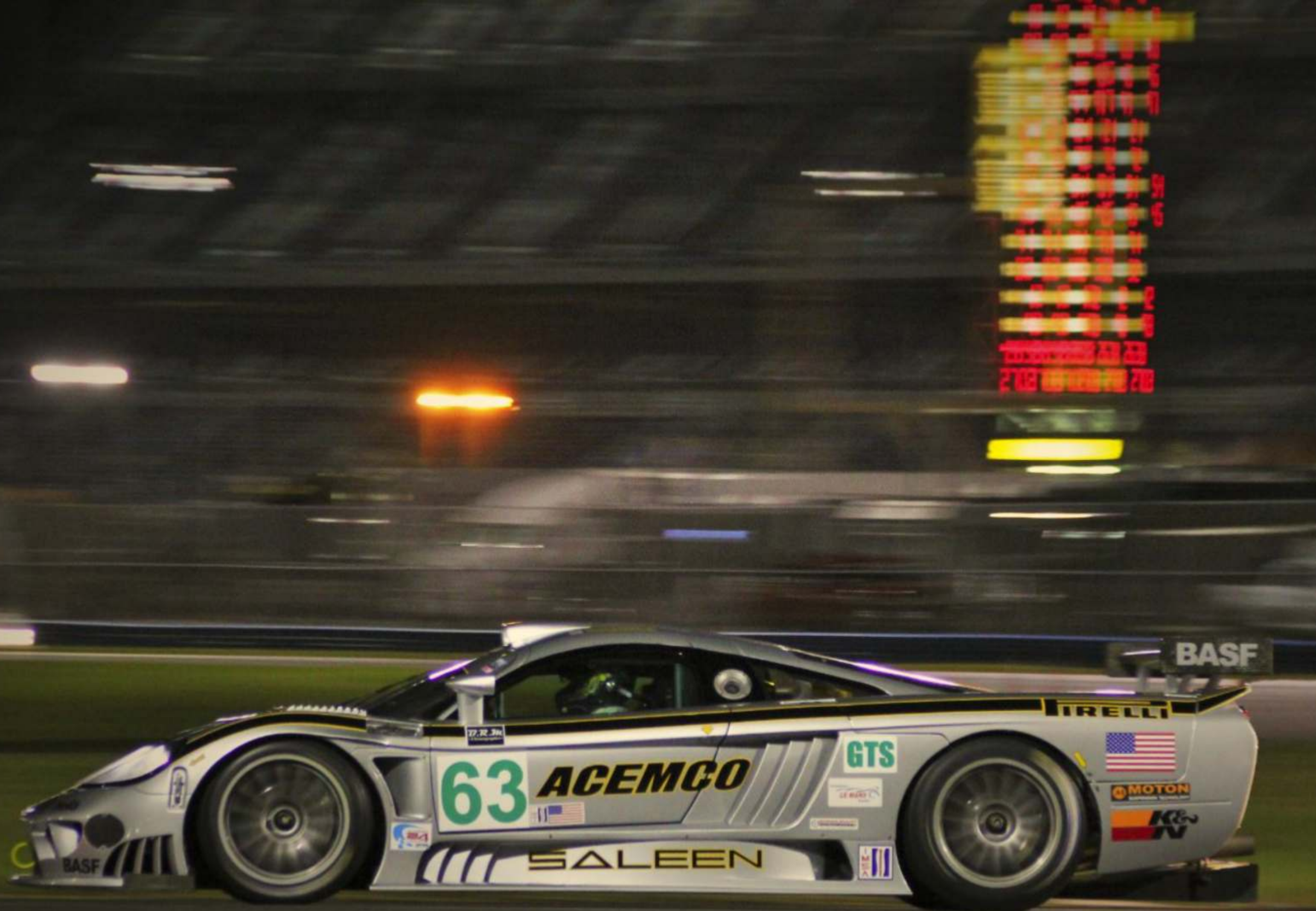
























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