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February / March 2016

Issue No: 24



Events

News

SPORT AVIATION EXPO 2016



Features

SPRUCE CREEK BUNFIRE 2016

EMW Power



Reviews

Show Reports

DAYTONA 500 PRE-RACE TOUR







134 Pages Full of Action



THIS MONTH:

Daytona 500 Pre-race Tour

Rolex 24, 2016

Sport Aviation Expo 2016

Spruce Creek Bonfire 2016 and Much More



FREE Online Magazine

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NASA astronaut Scott Kelly and ESA astronaut Tim Peake shared a series of aurora photographs taken from the International Space Station on Jan. 20, 2016. Kelly (@StationCDRKelly) wrote, "#goodmorning #aurora and the Pacific Northwest! #YearInSpace" and Peake (@astro_timpeake) followed up with, "Getting a photo masterclass from @StationCDRKelly – magical #aurora"

The dancing lights of the autora provide spectacular views on the ground, but also capture the imagination of scientists who study incoming energy and particles from the sun. Aurora are one effect of such energetic particles, which can speed out from the sun both in a steady stream called the solar wind and due to giant eruptions known as coronal mass ejections or CMEs.

Image Credit: ESA/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



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

Editorial

AMRBUS BELUGA

Commercial aircraft manufacturing giant, Airbus, has announced that it exceeded its targets for 2015, achieving a new record of 635 aircraft deliveries for 85 customers of which 10 are new.

Airbus photo

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 Rolex 24 race from Daytona International Speedway - Plus much more . . .

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

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Welcome to the February / March 2016 issue of Speedi Wings & Wheels.

Blue Sky's and Safe Flying.

The Speedi Team

PLANESPOTTERS

7 Rolex 24, 2016 - 40 page special



48 Spruce Creek Bonfire 66 Sport Aviation Expo 108 Daytona 500 Tour







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7 Rolex 24, 2016: A 40 page special feature on the prestigious Rolex 24 Hr race at Daytona International Speedway. Gary Rosier was there for all the action . . .

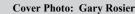
48 The Spruce Creek Bonfire: The annual Spruce Creek Bonfire from the world's largest and greatest fly-in community . . .

U.S. Sport Aviation Expo 2016: The annual U.S. Sport Aviation Expo from Sebring in sunny Florida. This year the weather in Sebring did not know it was supposed to be synny. The evnnt was cancelled on the Friday due to Stroms and severe winds, with sunshine, afflicted the final day on Saturday. Our editor, Steve Wood, was there on the Thursday when the weather was perfect . . .

108 Daytona 500 Tour: Gary Rosier visited the Pre-race Tour before the start of the famous Daytona 500 NASCAR race . . .

Regular Features:

- **AvNews:** Snippets of aviation related news
- Speedi's Blog: Steve Wood looks at 'what's hot and what's not' in the world of aviation
- **News from the Barn:** News of the events & 'happenings' at Spruce Creek Fly-in.
- Nose Art & Numbers: Readers fun machines
- **88 AutoNews:** Top titbits of Auto News
- **91 Gone Cruisin':** Hot Rods & Cruisers and more . . .
- 124 SpeediCity: Fun and action from Daytona Beach





Boeing South Carolina's 100th 787 Delivered to **American Airlines**

NORTH CHARLESTON, S.C., Feb. 16, 2016 /PRNewswire/ --Boeing [NYSE:BA] South Carolina marked a milestone today, with the delivery of the 100th airplane built at the North Charleston site. The airplane, a 787-8, was delivered to American Airlines in front of hundreds of Boeing South Carolina teammates.

"Reaching this milestone is a testament to the hard work and dedication of our entire team," said Beverly Wyse, vice president and general manager of Boeing South Carolina. "As we continue to prepare for the new 787-10 and production rate increases, we're excited about what the future holds here in North Charleston."

Today's delivery marked American's first 787 from Boeing South Carolina and 14th overall. The airline has 28 more Dreamliners on order.

"The 787 has quickly become an important part of our fleet, allowing us to fly profitably to new places like Auckland, New Zealand," said Chuck Schubert, Vice President of Network Planning at American Airlines. "When we're trying to

match the right plane to each route, the 787 is a great aircraft to have."

American Airlines Group reported a record fourth quarter GAAP net profit of \$3.3 billion, or \$5.09 per diluted share, which includes a \$3.0 billion net special credit resulting from the reversal of the Company's tax valuation allowance. This compares to a GAAP net profit of \$597 million in the fourth quarter of 2014, or \$0.82 per diluted share.

For full year 2015, the Company reported a record GAAP net profit of \$7.6 billion, or \$11.07 per diluted share, compared to a GAAP net profit of \$2.9 billion, or \$3.93 per diluted share in 2014.

"We are extremely pleased to report record quarterly and full year earnings," said Chairman and CEO Doug Parker. "The credit for these results goes to our outstanding team members, who have provided excellent customer service.





Boeing Delivers First 787 Dreamliner to Saudia

EVERETT, Wash., Feb. 2, 2016 /PRNewswire/ -- Boeing [NYSE:BA] and Saudia, Saudi Arabia's national airline, today celebrated the triple delivery of two Boeing 787-9 Dreamliners and a 777-300ER (Extended Range). A third Dreamliner will be delivered to Saudia within the next week. The airline ordered eight 787-9s in 2010.

Saudia is no stranger to such large deliveries. In December 1999, Boeing delivered three 777s to Saudia.

"The delivery of our first Dreamliners marks yet another exciting chapter in Saudia's longstanding relationship with Boeing that began in the early 1960s," said His Excellency Eng. Saleh bin Nasser al-Jasser, Director-General,

Saudi Arabian Airlines. "With its reputation for reliability, operational efficiency and comfort, we now look forward to the 787 becoming an integral addition to Saudia's fleet as 75 new nonstop routes around the we continue our fleet modernization and expansion as part of our transformation plans."

The airline will now have 48 Boeing airplanes in its fleet that currently include 777-200ERs, 777-300ERs and 747-400s. Over the last 55

years, Saudia has taken delivery of over 130 Boeing airplanes including 707s, 737s, MD-11Fs, DC-9s and MD90s.

"This delivery to Saudia is an outstanding moment in a partnership that has grown

phenomenally over the last several decades," said Boeing Commercial Airplanes President and CEO Ray Conner. "Today, we are proud not only to have Saudia join our growing base of 787 customers in the Middle East, but also at the airline's continued confidence in Boeing's technology and airplanes over the years."

The Boeing 787 Dreamliner is an all-new, super-efficient family of commercial airplanes that brings big-jet ranges and speed to the middle of the market. In response to airlines' overwhelming preference, Boeing designed the 787 family with superior efficiency, which allows airlines to profitably open new routes to fly people directly where they'd like to go in exceptional comfort.

Since entering service in 2011, the 787 family is flying more than 350 routes and has established more than world.

More than 60 customers - including Saudia - from around the world have placed orders for more than 1,000 airplanes, making the 787 Dreamliner the fastest selling twinaisle airplane in Boeing history.



Lufthansa takes delivery of the world's first Airbus A320neo as launching customer



Lufthansa, Airbus and Pratt & Whitney holding a delivery ceremony in Hamburg – First scheduled A320neo flights with better fuel efficiency and more passenger comfort achieved through quieter engines - 40 years of partnership between Lufthansa and Airbus

12 February 2016

Lufthansa, together with Airbus and the Pratt & Whitney engine manufacturer, celebrates the delivery of the world's first Airbus A320neo. Carsten Spohr, Chairman of the Board and CEO of the Lufthansa Group, Airbus President and CEO Fabrice Brégier and the President of Pratt & Whitney Robert we set new standards for our Leduc invited 700 guests and media representatives to the official delivery at Hamburg-Finkenwerder. Following the ceremonial handover, airports." the first two new-type airplanes were presented to the public. The first A320neo, with the registration

D-AINA, has already flown scheduled service since January. The second "neo" is expected to complement the Lufthansa Airbus fleet soon. The first experiences

> with the A320neo clearly show that the 15 percent lower fuel consumption mark has not only been achieved but even slightly exceeded. The significantly quieter engines also increase customer comfort on-board and provide relief to residents near airports by

reducing noise emissions.

The development and introduction of the quietest and most fuelefficient aircraft on short and medium distances is further evidence of the successful cooperation in the aviation industry at European level. "Europe has been a leader in this fascinating industry since the early days of aviation," says Carsten Spohr. "Lufthansa and Airbus have developed a trusting and productive 40-year partnership. Together we have pushed ahead and brought to market many innovations and contributed to the success of the European aerospace industry. With new and efficient aircraft, such as the A320neo and the A350 XWB, passengers, while reducing the impact on the environment and, not least of all, on the people living near

"On behalf of everyone at Airbus, I congratulate Lufthansa on being the

A320neo launch customer. Together, we're opening a new chapter in commercial aviation and I am confident that the A320neo will support Lufthansa objective to raise its environmental performance. The A320neo not only cuts emissions at every operational stage but also halves its noise footprint compared to previous generation aircraft," said Fabrice Brégier, Airbus President and CEO.

"At Airbus we are have been proud to support Lufthansa's growth over the past four decades with our partnership now spanning almost the entire Airbus family, from the A320 right up to the A380."

"Pratt & Whitney is proud to build on its long and deep history with Lufthansa and Airbus by together marking a new era in commercial aviation with the delivery of the A320neo equipped with ultra-high bypass ratio Geared Turbofan engines," Pratt & Whitney President Robert Leduc, said. "We applaud Lufthansa for being the first to enjoy the many benefits this aircraft and engine technology affords in terms of fuel efficiency and in reducing noise and emissions."

This afternoon, the A320neo will take off from the Airbus facilities in Hamburg-Finkenwerder as a special flight with flight number LH9917 with guests and media representatives on board and fly with a short stop in Hamburg's City Airport Fuhlsbüttel towards Frankfurt. The A320neo was fitted with a special logo. "First to fly A320neo - Less noise. Less fuel. Less CO2" adorns the rear fuselage of the Lufthansa aircraft.



Airbus starts A350-1000 final assembly

Largest member of A350 XWB Family becomes reality

10 February 2016

Airbus has started final assembly of the first A350-1000 on schedule at the A350 XWB Final Assembly Line (FAL) in Toulouse, France. This A350-1000, one of three flight test aircraft to be built, will take to the skies for its maiden flight before the end of 2016. A350-1000 deliveries will start in mid-2017.

To ensure the smooth integration of the A350-1000 into the FAL while A350-900 production is rampingup, Airbus has added three additional final assembly stations. For maximum flexibility, all stations in the A350 XWB FAL can be used for both models.

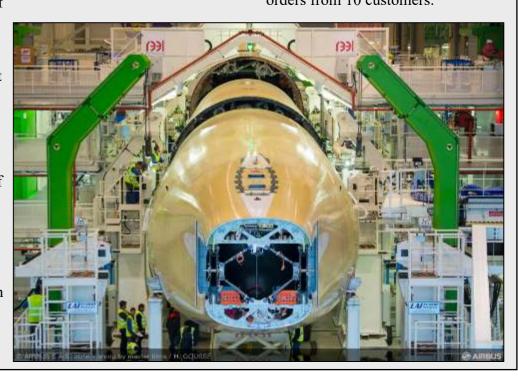
Currently in "Station 50" for fuselage join-up and nose landing gear installation, the first A350-1000 will next move to "Station 40" where the wings, main landing gear, pylons and tail planes will be installed. To save time and optimise

the A350 assembly process, Airbus

starts the cabin furnishing and first

electrical power-on in parallel to the structural assembly work. After this stage is completed, the aircraft continues through the FAL process, with final structural activities, ground tests, painting, cabin & cockpit completion and engines installation before being transferred to the flight test centre.

While having a very high degree of commonality with the A350-900, the A350-1000, measuring nearly 74 meters from nose to tail, is the longest fuselage version of Airbus' all-new family of wide body jetliners. The A350-1000 will be powered by Rolls Royce Trent XWB-97 engines, the most powerful engine developed for an Airbus aircraft. The A350-1000 comfortably seats 366 passengers in a typical 3-class configuration and flies on routes of up to almost 8,000 nautical miles which represents a significant revenue-generating advantage for operators. So far, Airbus has won 181 A350-1000 orders from 10 customers.











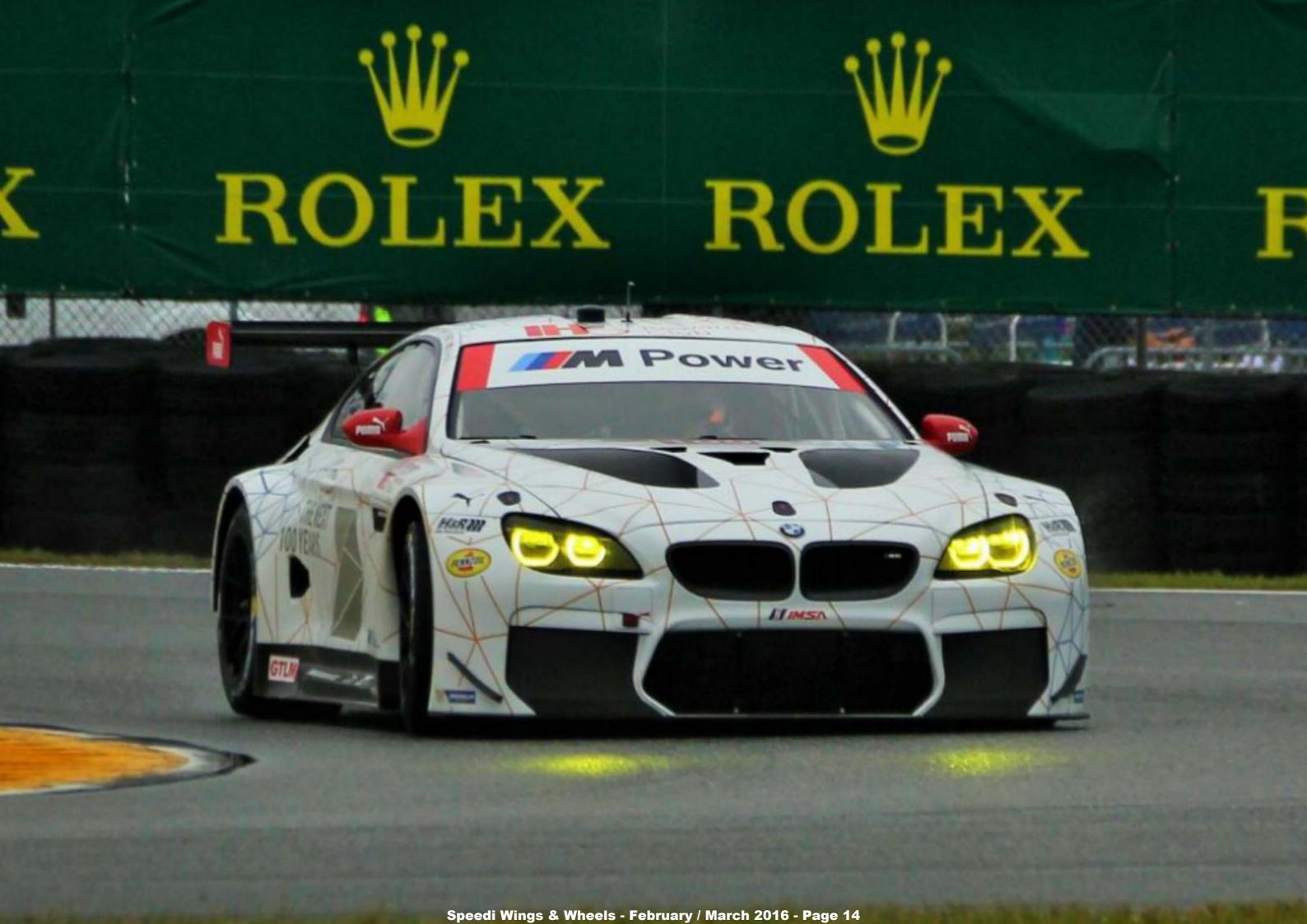




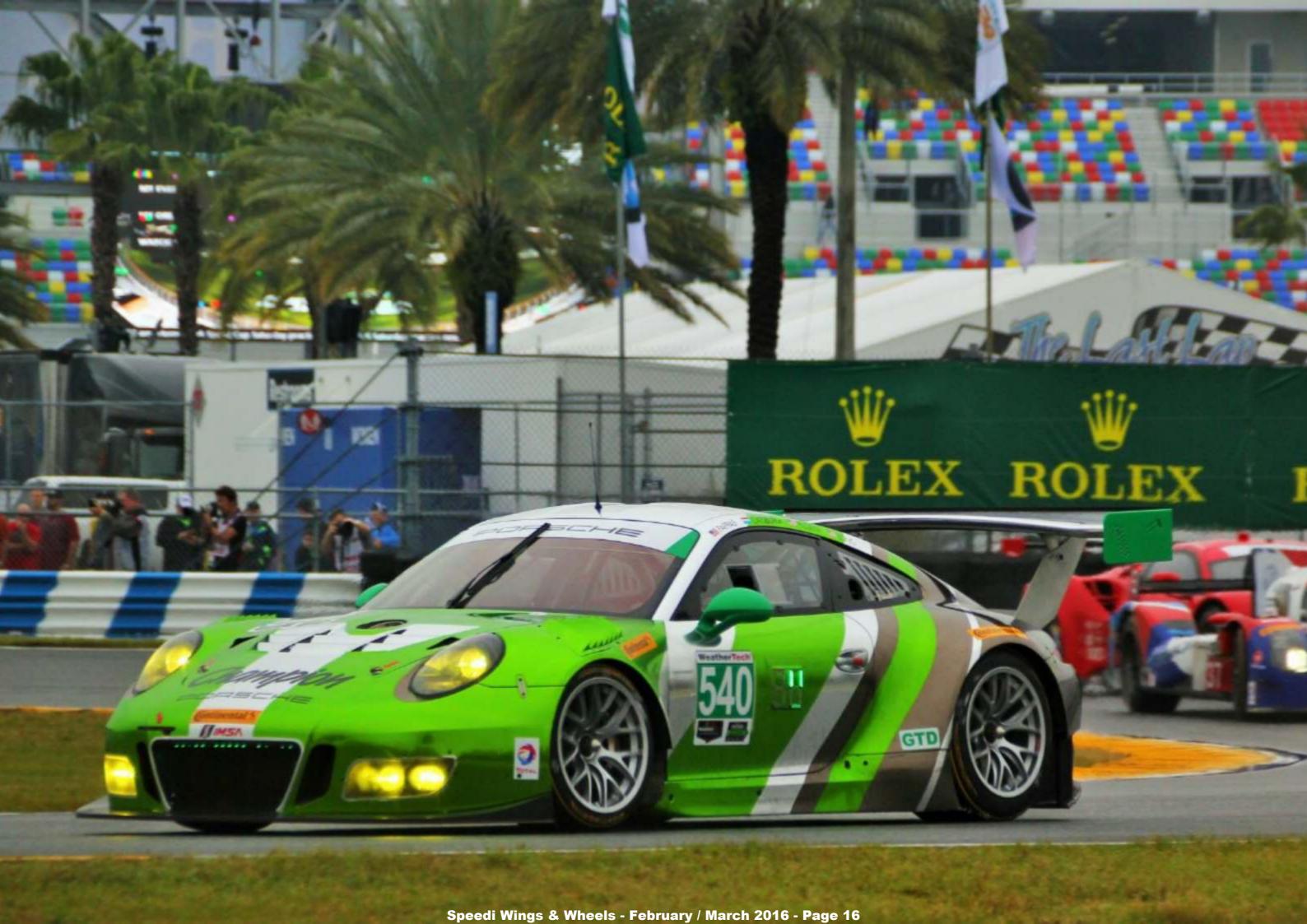


















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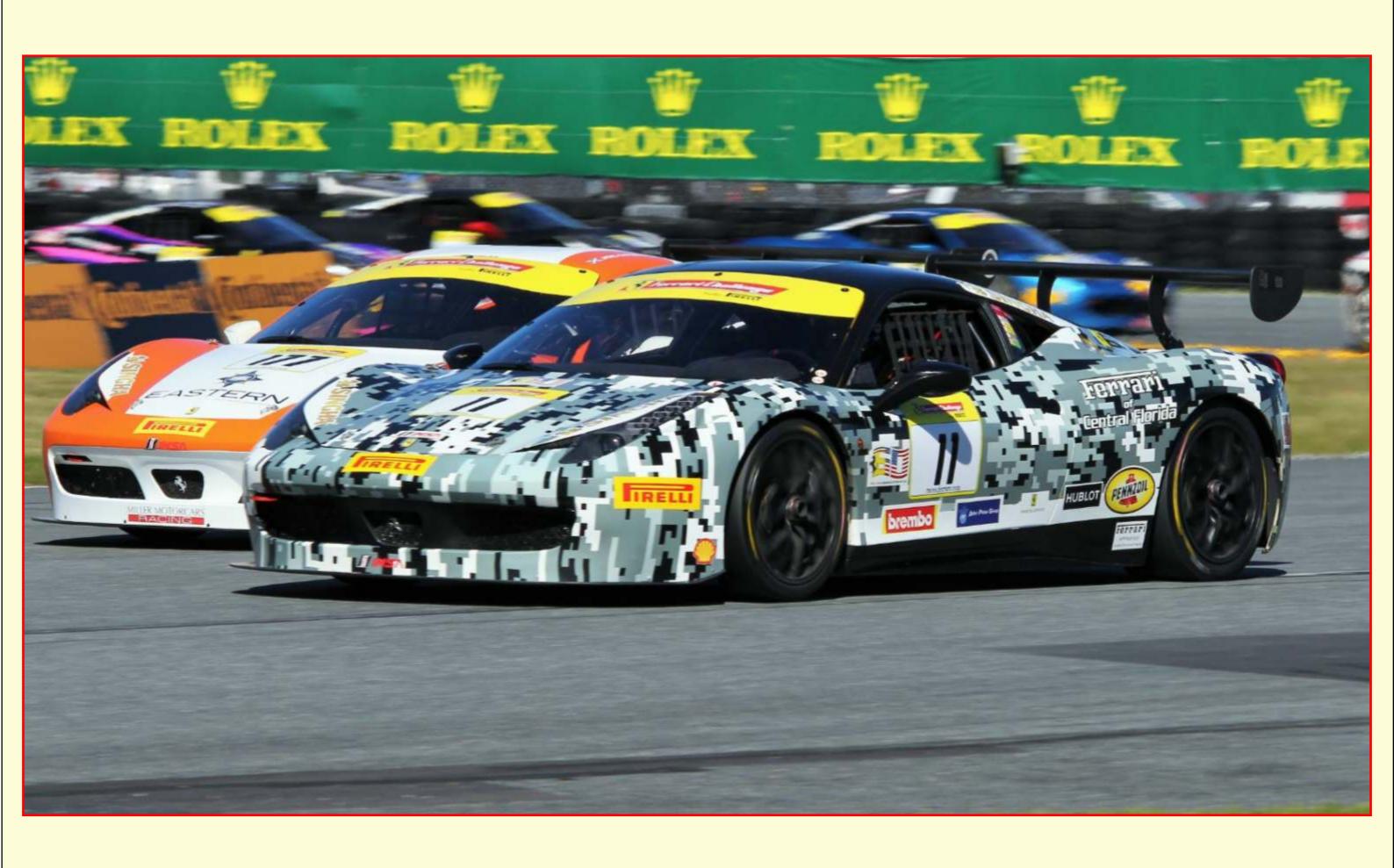


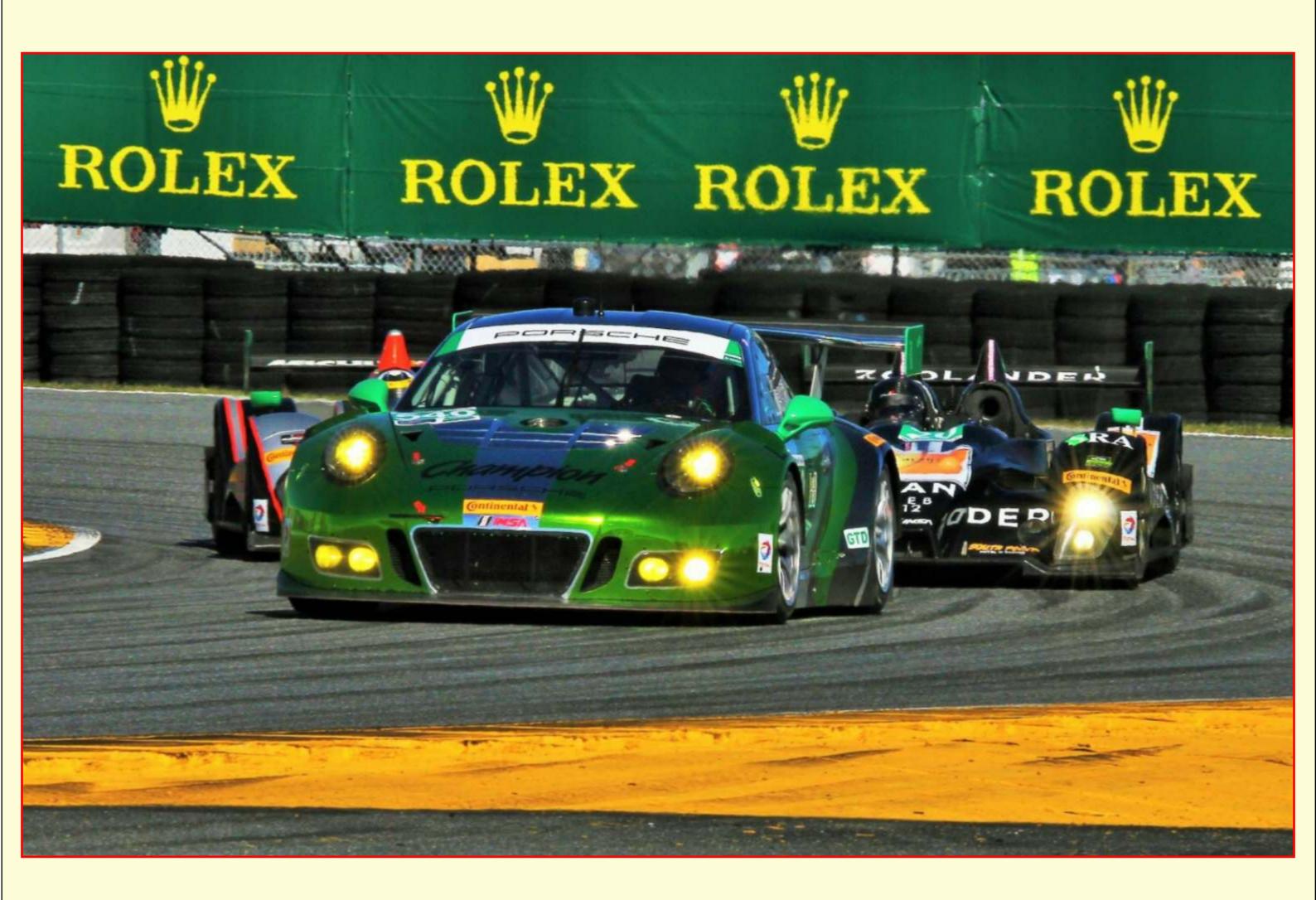


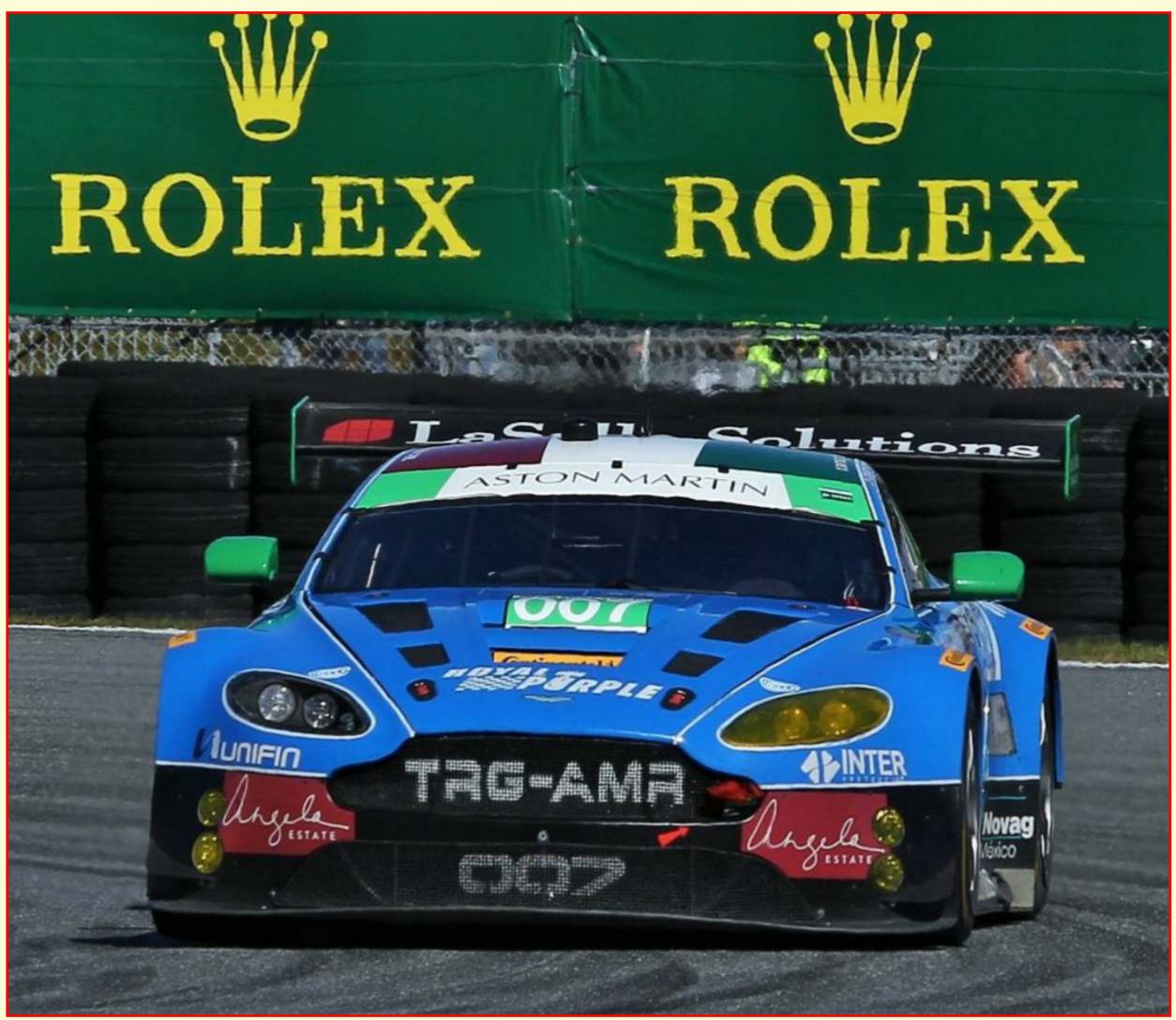
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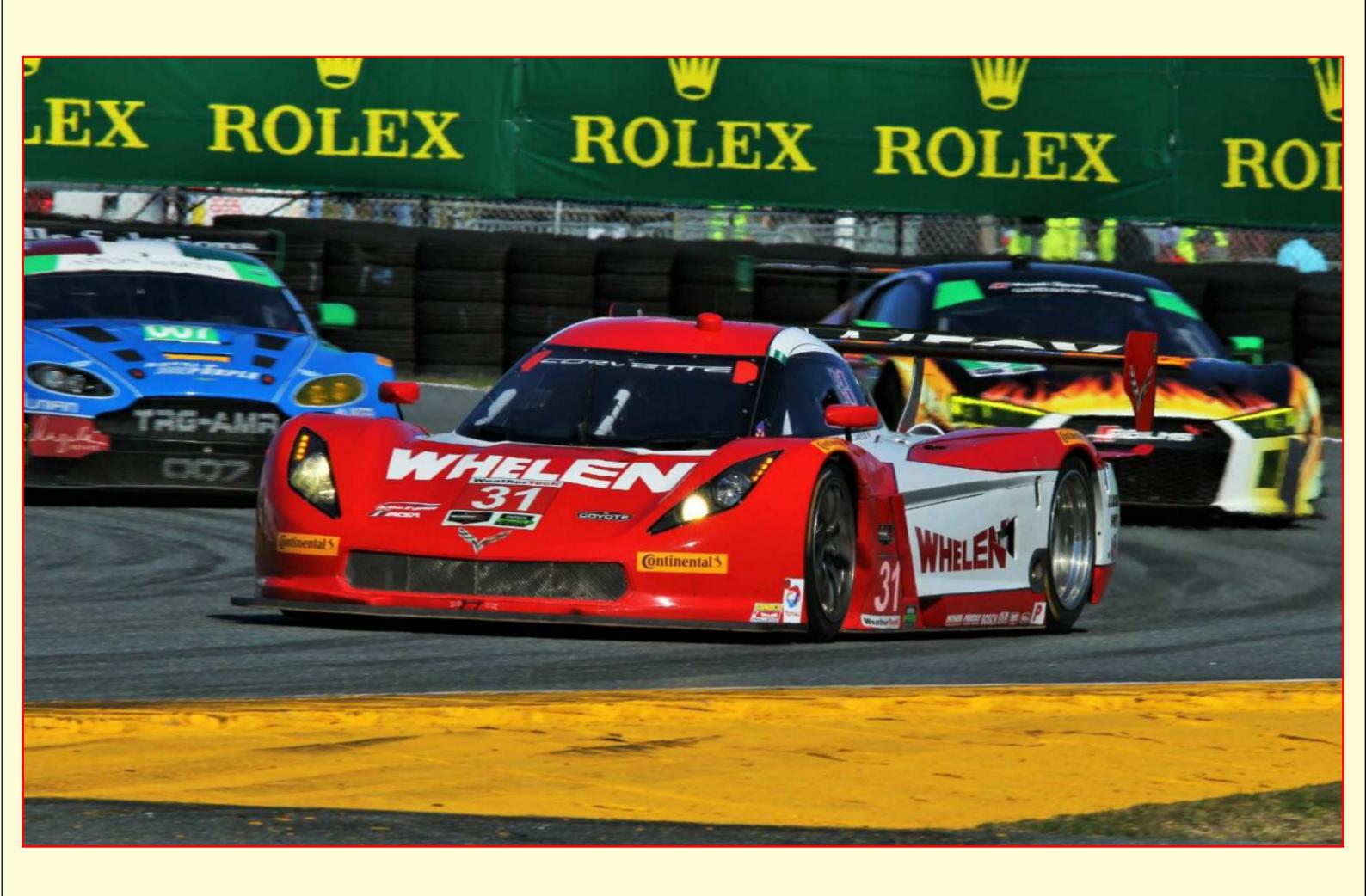


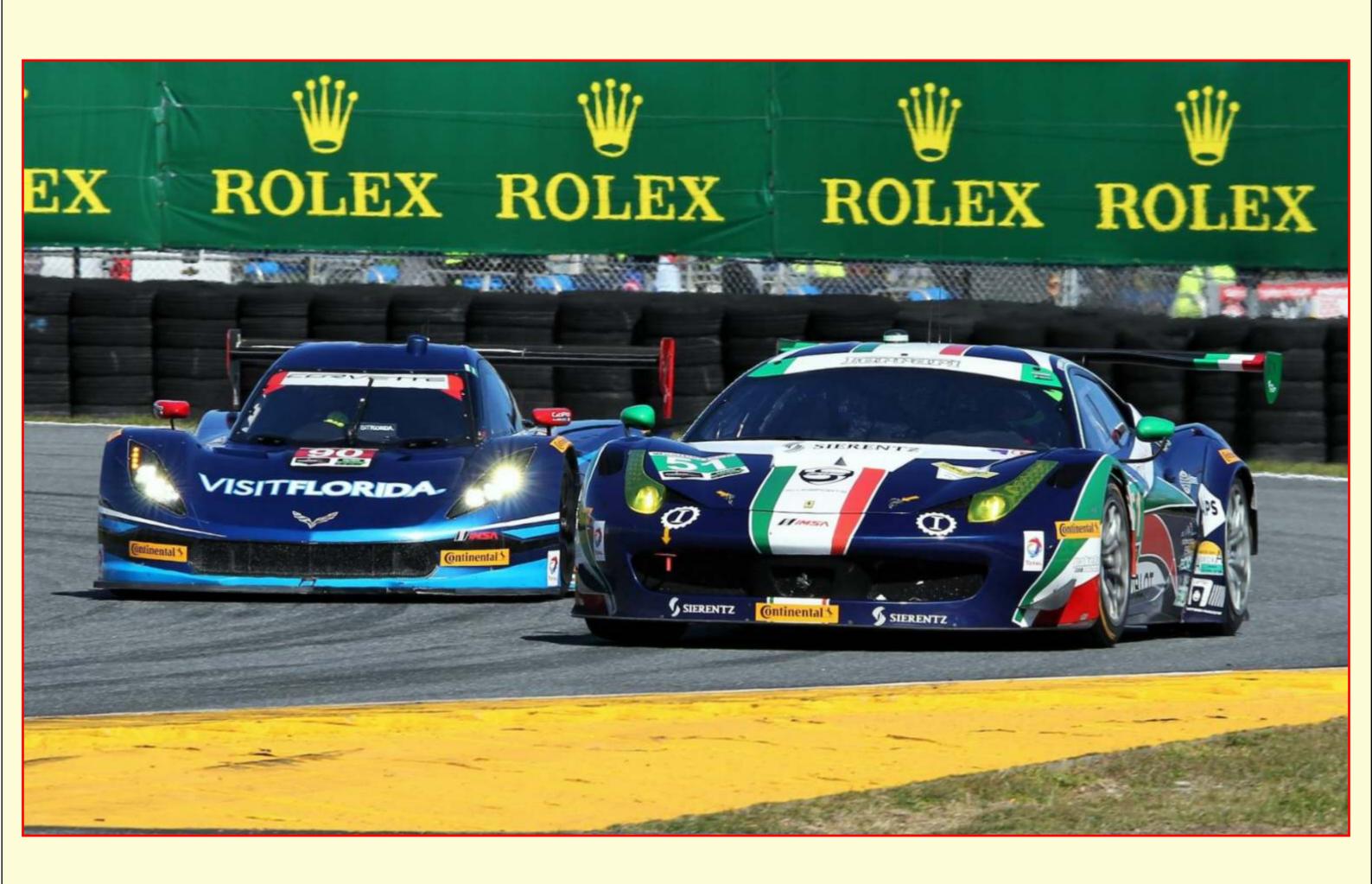




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ELCOME TO SPEEDI'S Blog.

It's been a great winter flying at Spruce Creek, the largest and greatest 'fly-in' community in the world.

'standard day' or better conditions. A far cry from the summer heat and humidity.

Strong winds have been a feature of this winter which has affected our Friday night formation



That's one advantage of **Spruce Creek being** located in Florida, near **Daytona Beach to be** precise.

The weather is not perfect, but it's still pretty good considering the weather which has been hitting other areas of the USA. In the winter, we can actually fly in

flying. Normally the sea breeze has kicked in by the time we launch. about 45 mins before sunset. This year, the 'pressure winds' have been predominating so we have had to, on a number of occasions, launch on runway 23 into the sunset, fly the fly-past down runway 5, and recover on runway

23. This certainly gets 'interesting' with multiple flights in the air.

No missing man flights this winter, apart from a tribute flight to 'Jabiru Dave', a member of Lakes / Goofy flight who 'flew west' prematurely last February. This year we honored Dave Ford with an 8-ship missing man flight on the anniversary of his passing. Click here for a video of the flight.

I flew the missing man position, as is usually the case, as I have a smoke system fitted to my airplane.

The photo left shows 'Jabiru Dave' (his flight call sign) flying his beloved Jabiru J230-SP in formation as part of **Goofy Flight.**

Talking about formation flying - the majority of Lakes / Goofy Flight are now **FAST** qualified formation pilots which allows flights in waivered airspace, such as at air shows. You have to be a member >>

of a signatory organization to stay current. This year most of our group transferred to the T-34 Association which is an association. as the name says, for those interested in the venerable T-34 Mentor.

This was a good move as the T-34 Association were willing to accommodate our pilots in their association even though we did not actually fly T-34 planes. There were keen to support the FAST training program. 'FAST' stands for Formation and Safety Team and it is all about standardization which helps promote safe formation flying.

'Jabiru Dave' as was FAST qualified wing man and was very proud of this accomplishment. He was a great 'stick'.

On pages 49 through 65 of this issue there's a feature on the Spruce **Creek Bonfire. This year** the weather was perfect. Lakes / Goofy Flight had 18 planes in



our flight (photo above) and then managed to put airspace restrictions. together 25 planes in one single formation (photo below) for a single pass.

This set a record for a single formation at Spruce Creek. Unlike some events where flights have many miles to assemble, the formation flying we do at forward' to the summer **Spruce Creek is**

constrained by tight This made the challenge of getting the flight together even more 'fun'. As the Lakes / Goofy Flight 'mantra' says "we promise never to do this again".

Of course now that the 'winter' is almost over we have to 'look storms in Florida . . .



NEWS FROM THE BARN

Photos for this feature by Steve

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 Info 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

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



BESTAND BORNATION - A SPRINGS GRABER FIRST Photos for this feature: Don Eller





















































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AutoNews

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ROLLS-ROYCE MOTOR CARS BRINGS **SEVENTH GENERATION OF** PHANTOM TO AN END

23.02.2016

Rolls-Royce Motor Cars Chief Executive Officer, Torsten Müller-Ötvös, has announced that the current Phantom will enter the last stages of its celebrated life in 2016. This announcement follows the recent news that Rolls-Royce Motor Cars has begun testing its all-new aluminium architecture, which will underpin every future Rolls-Royce arriving in-market from early 2018.

He also announced that Phantom Coupé and Drophead Coupé models will not be renewed in the future. These two magnificent Phantom models will end their lives with a special collection of only 50 highly desirable cars to be called Phantom Zenith.

The current seventh generation of Phantom started production in Goodwood over 13 years ago and quickly became the foundation upon which the renaissance of Rolls-Royce Motor Cars was built. A magnificent, graceful and powerful statement of the marque's claim to the very pinnacle of super luxury, Phantom VII is now approaching the end of its production.

During November this year, the build of the very last Phantom Coupé and Drophead Coupé at

Goodwood will be completed. These with their beauty and redefined the models will not be replaced. Collectors around the world will be excited to learn that a spectacular collection of 50 unique Coupé's and Drophead Coupés, called Phantom Zenith, will be built to celebrate the end of production of these truly exceptional cars.

Rolls-Royce will also build the last Phantom VII limousines this year.

Torsten Müller-Ötvös, said, "I am proud and excited to announce that a Motor Cars' Bespoke design new Phantom is on the way -a



contemporary and beautiful Phantom enhanced with cuttingedge technologies and design innovations. Any new Phantom is an historic and important moment in automotive history and we are working hard on perfecting the Phantom VIII."

Rolls-Royce Motor Cars reset the benchmark for luxury motor cars in 2003 when it launched Phantom VII, a motor car that has remained the pinnacle of pure luxury for the last 13 years. Over those years Rolls-Royce created many fantastic Phantoms that stunned the world

notion of pure luxury motoring.

Now it is time to take the next step in the luxury journey.

Even as it prepares to leave the world stage, Phantom VII will continue to set the benchmark for luxury motoring with a number of limited-run collector's pieces, each of which will be the last of their line.

To mark their exit, Rolls-Royce department will create the most

> highly Bespoke examples of each Phantom model to date -Coupé, Drophead Coupé and Limousine. At the same time the craftspeople who build each Rolls-Royce motor car to roll down the line at the Home of Rolls-Royce at Goodwood are already preparing themselves for the painstaking work that will go into these very special final motor cars.

The first of these special collections will be named Zenith, and will be the last ever Phantom Coupé and Drophead Coupé models available to commission from Rolls-Royce Motor Cars.

"As the name promises, Zenith will be the pinnacle; the best of its kind; the highest standard achievable by which everything else is judged," comments Director of Design, Giles Taylor. "Zenith will be the sum of all the best features of Phantom Coupé and Drophead Coupé, with a few surprises added. We expect huge demand for these 50 fine motor cars as we shall not look upon their like again."

Ford Lights up the Night with Psychology Guiding the Way



DEARBORN, Mich., Feb. 24, 2016 – In the niche world of automotive lighting design, decisions are judiciously made with the knowledge that each can impact human psychology.

Consider this familiar scenario:

At the end of a long workday, there is still a traffic-clogged roadway to contend with on the drive home. Fellow commuters are stuck too, growing impatient, irritable, and often distracted. As the minutes tick away, the sky grows darker. By the time the car pulls into the garage, the driver is grumpy, even a bit depressed.

Ford lighting designers and engineers say this irritable mental state is, in part, due to poor automobile lighting and the mechanisms humans rely on for coping. The lighting experts at Ford are working to make life a bit brighter.

"We know that gradients and homogeneity affect people's

moods," said Arun Kumar, Ford optics expert and design engineer. "We also know the eye wants to focus on contrast changes and other inconsistencies in lighting – it's an

automatic function of the brain that can irritate mood."

The latest solution is a LED lighting innovation Ford calls Crystal Diamond Light. The lighting improves efficiency up to 62 percent while

lowering cost. It also miniaturizes the fixture, an aesthetic desired by designers. The diamond-like facets of the lens offer even, broad distribution of light.

Crystal Diamond Light first debuted on the Ford F-150, and is now migrating to other models, starting with the new Ford Fusion.

"The efficiency of this lighting not only helps to stabilize the psyche, but also has the potential to affect global environmental savings," said Kumar. "As we democratize this lighting innovation to a broader audience, the impact could be significant, with millions of gallons of fuel potentially saved on a global scale."

Consideration of human physiology is also a factor with interior lighting.

Around the time the world was doom that would ensue, Ford began work to update its corporate green interior dash lighting. The mandates included choosing a color that is pleasing to the eye – one that

provides a higher quality of lighting, with good contrast for twilight and night vision. And because men and women see some colors differently, the shade had to be universally accepted by the color cones of both

"Another obvious issue was to design for people who have color deficiencies," said Shannon O'Day, Ford interactions and ergonomics core engineer. "You can't use a deep saturated red or green for dash lighting because those are colors people most typically have problems with. Eight percent of the global population has this issue, and most are male."

Red and green are typically reserved for emergency buttons, such as hazard lighting.

Designers and engineers opted to light the Ford vehicle dashboard in Ice BlueTM – a color more easily seen and perceived as brighter by the human eye, and one that cuts through the clutter, explained O'Day.

While Ice Blue is the color of choice for illuminating the Ford dashboard, an available feature for many Ford vehicles allows customers to change ambient lighting colors with in-car controls.

Still, it's the physiology that matters most to designers.

preparing for Y2K and the predicted "Color is one among many factors that make lighting functional and pleasing," said O'Day. "In the end, it's really about the eye, what it perceives, and how it affects the driver."

AutoNews

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LAND ROVER ELEVATES RANGE ROVER FAMILY WITH LIMITED PRODUCTION HOLLAND & HOLLAND RANGE ROVER

(MAHWAH, N.J.) - February 23, 2016 - Land Rover today announced the introduction of the new pinnacle of the Range Rover family, the 2016 Holland & Holland Range Rover. With production of just 30 examples slated to reach American shores, the Holland & Holland Range Rover represents a partnership between two iconic British brands that creates a vehicle which elevates each brand's reputation for exclusivity, performance and fine bespoke workmanship.

Crafted by the Jaguar Land Rover Special Vehicle Operations (SVO) division, the 2016 Holland & Holland Range Rover adds subtle, yet significant updates to the flagship Range Rover SVAutobiography, including:

- * Unique Holland & Holland green exterior paint treatment the brand's signature color
- * Distinctive body colored front when not in use. grille and door handles
- * Holland & Holland badging on the side vents and tailgate
- * The inside of the vehicle features specially engraved brightwork carrying the acanthus customers," said John Edwards, scroll design evident on many **Holland & Holland products**
- * A unique dashboard finisher based on the diamond pattern **used on the fore end of Holland &** on-road performance as well as Holland rifles and shotguns
- * Sustainably sourced polished French walnut veneers matching the wood used to manufacture Holland & Holland firearm stocks available in North America

- interior color combination unique to the Holland & Holland Range Rover model
- * Interior trimmed with extended tan leather surfaces, branded stitching on the seats, unique floor mats, luggage area cover and Holland & Holland illuminated tread plates on all four door sills
- * A rear cabin featuring executive seating with 17 degrees of recline and wood trimmed, electrically deployable tables

Perhaps most significantly, the rear loadspace has been updated to include a deployable, locking, leather trimmed gun case which accommodates two firearms from Holland & Holland. The case, which specially tuned supercharged V8 is securely affixed to the floor, can slide forward onto the lower tailgate for easier access when needed at the 502lb. ft. of torque; an increase of sporting grounds and can be removed for added luggage space,

"The whole SVO team is very proud of this car, a bespoke design, which perfectly meets the very particular needs of Holland & Holland Managing Director of Jaguar Land Rover Special Operations. "This shows the huge potential of SVO, which encapsulates both off- and luxury and craftsmanship."

On sale globally, the Holland & Holland Range Rover will be

* An exclusive espresso and tan beginning spring 2016 and priced from \$244,500

Range Rover SVAutobiography

Exclusively crafted by the team at the Jaguar Land Rover Special Vehicle Operations (SVO) center in the UK, the Range Rover SVAutobiography (from which the Holland & Holland Range Rover is based) is the most luxurious and powerful series-production Range Rover in the model's 45-year history.

The Range Rover SVAutobiography features unique exterior design enhancements, an exclusive premium leather interior with unique trim finishes, as well as a engine shared with the Range Rover Sport SVR producing 550hp and 40hp and 41lb. ft. respectively, over standard Range Rover supercharged V8 models.

Customers are able to specify a unique dual-tone body color option that includes nine pre-selected color choices for the lower body, mated to a Santorini Black top, creating true distinction and individualism within the ultra-luxury SUV segment.

The 2016 Range Rover SVAutobiography also features unique hood lettering, a tailgate adorned with new SVAutobiography badging and a new front grille finished in distinctive Graphite Atlas and >>



options are available at the buyers request; see a local retailer for details. The Range Rover SVAutobiography is available immediately, priced from \$199,495

RANGE ROVER SPORT SVR WINS FOUR WHEELER'S 2016 FOUR WHEELER OF THE YEAR AWARD:

The 2016 Land Rover Range Rover Sport SVR has been awarded the title of Four Wheeler of the Year by the editors of FOUR WHEELER magazine.

polished chrome, furthering its visual differentiation. Much of the vehicle's controls and assorted brightwork - including the start-stop surround, rotary gear selector and pedals - are machined from solid aluminum which is further finished with tactile knurling details. This detailing carries through the front and rear center consoles, with distinctive materials for the cup holder and socket covers, as well as the new armrest adjuster knobs.

Rear-seat passengers relax in luxurious executive seating complete with a beverage chiller compartment and powered deployable tables. Solid aluminum coat hooks are incorporated into the rear pillars while, on the floor, aluminum seat rail finishers and deep twist pile mohair carpet mats complete the of sumptuous luxury environment.

In the rear compartment, the Range Rover SVAutobiography offers the



option of a sliding luggage floor. Made from beautifully machined aluminum and a choice of wood veneer options, the floor slides rearwards to optimize ease of use for loading and unloading cargo.

A polished SVAutobiography key fob with knurled finish adds the finishing touch. Additional bespoke

Range Rover was the first luxury SUV in the world in 1970 and 45 vears on it continues to lead the way. The latest model is the most desirable and sophisticated Land Rover ever, mixing peerless comfort with cutting edge technology to provide the ultimate luxury vehicle experience.

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AutoNews

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NEW MULSANNE – LUXURY BEYOND COMPARE

- * Bentley's pinnacle model range now comprises Mulsanne, Mulsanne Speed and Mulsanne Extended Wheelbase models
- * Mulsanne is the ultimate about building the world's most statement of Bentley's craftsmanship and automotive artistry about building the world's most powerful, most luxurious cars.
- * Elegantly executed styling revisions give Bentley's flagship a fresh, modern presence
- * New state-of-the-art chassis technologies deliver world's most refined ride and effortless comfort
- * Innovative and advanced onboard technology – cutting-edge features with trademark exquisite luxury
- * Mulsanne Extended Wheelbase provides a first-class air-travel experience for the road
- * Airline-style rear seats are the new benchmark in passenger comfort
- * New Mulsanne range to make global debut at 86th Geneva Motor Show

(Crewe, 23 February 2016) Bentley Motors is today announcing full

details of its new Mulsanne – the ultimate expression of British automotive luxury.

Handcrafted in Crewe, England, by a team of highly skilled artisans, the Mulsanne is the flagship of the Bentley range and represents everything the British brand knows about building the world's most powerful, most luxurious cars.

For the first time, the Mulsanne family now comprises three distinct models, all with their own unique abilities and attributes. The Mulsanne, Mulsanne Speed and Mulsanne Extended Wheelbase all share Bentley's unrivalled levels of attention to detail and craftsmanship, while at the same time catering for the needs of individual customers.

The new Mulsanne Extended Wheelbase, for example, has been designed with the rear-seat passenger in mind. An additional 250 mm of rear legroom, airlinestyle extending legrests and a rear compartment sunroof combine to create the most relaxing automotive environment in the world. The Mulsanne Speed, meanwhile, is tailored for the driver with 537 PS

(530 bhp / 395 kW) and 1,100 Nm (811 lb.ft) of torque resulting in a 0-60 mph time of just 4.9 seconds and a top speed of 190 mph.

A suite of elegantly executed styling revisions mark the new Mulsanne out from its predecessor. The entire front-end style of the car (forward of the A pillar) has been completely redesigned. The fenders, bonnet, radiator shell, grilles, lights – and bumpers fore and aft – have all been updated, giving the car a more modern and integrated appearance.

On the inside, occupants will of course find the world's finest handcrafted wood, leather and metal fittings, and the new Mulsanne also boasts redesigned seats, new door trims and armrests, unique glass switchgear and an industry-leading palette of 24 exquisite hide colours.

Wolfgang Dürheimer, chairman and chief executive of Bentley Motors, comments: "The Mulsanne is the epitome of Bentley's DNA – exquisite, individual and powerful. It defines luxury in the automotive world and offers a uniquely Bentley blend of luxury and performance.

Powerful Purity: the New Porsche 718 Boxster and 718 Boxster S

January 26, 2016

Atlanta, Georgia. Twenty years after the first Boxster made its debut, Porsche is introducing the latest generation of its mid-engine roadsters featuring more power, greater fuel efficiency, and further improved handling. The new models are named 718 Boxster and 718 Boxster S, paying homage to the flat-four cylinder engines that were used in the mid-engine Porsche 718 sports car which won numerous races back in the late 1950s and early 1960s.

The centerpiece of the latest model range is the newly developed, turbocharged flat four-cylinder engine. The 718 Boxster generates 300 horsepower from two liters of displacement, while the 718 Boxster S uses a 2.5 liter engine developing

350 horsepower. The S-model also employs a turbocharger with variable turbine geometry. The new engines develop 35 more horsepower compared to those of the previous Boxster and are also up to 14 percent more efficient than their predecessors according to the New European Driving Cycle. EPA fuel economy figures will be available at a later date.

The completely retuned suspension and uprated brakes lay the foundation for exceptional performance and driving pleasure. The design of the new model line was also comprehensively improved. Every body part except for the luggage compartment lids, the windshield and the convertible top has been changed. Inside, a newly designed dash panel frames the cockpit. Furthermore, the latest generation of Porsche Communication Management (PCM) with a state-of-the-art touchscreen is included as standard. The navigation module is available as an option.

Efficient and powerful flat-four cylinder engines

A completely new generation of turbocharged flat-four cylinder engines takes performance and efficiency in the 718 Boxster to new heights. Turbocharging significantly boosts torque. The two-liter engine of the 718 Boxster puts out 280 lb.ft. of torque, which is available from 1,950 rpm to 4,500 rpm. To put this into perspective: The new engine makes 74 lb.-ft. or 36 percent more torque than the previous powertrain and does so over a much broader power band. The 2.5-liter engine of the 718 Boxster S develops 309 lb.ft. from 1,900 rpm to 4,500 rpm - a43 lb.-ft. gain over the outgoing Boxster S engine. This yields significant gains in acceleration. The 718 Boxster – when equipped with PDK and the Sport Chrono Package – sprints from zero to 60 miles per hour in 4.5 seconds (0.7 seconds faster than the previous model). The 718 Boxster S outfitted with these performance-enhancing options reaches 60 miles per hour in 4.0 seconds (0.5 seconds faster than its predecessor). The top track speed of the 718 Boxster is 170 miles per hour (8 miles per hour faster than before), and the 718 Boxster S can achieve a top track speed of 177 miles per hour (5 miles per hour faster than previously).

Turbocharging also helps the powertrains of the 718 Boxster and Boxster S to be up to 14 percent more efficient than the previous engines according to the New European Driving Cycle. EPA figures will be available at a later date.





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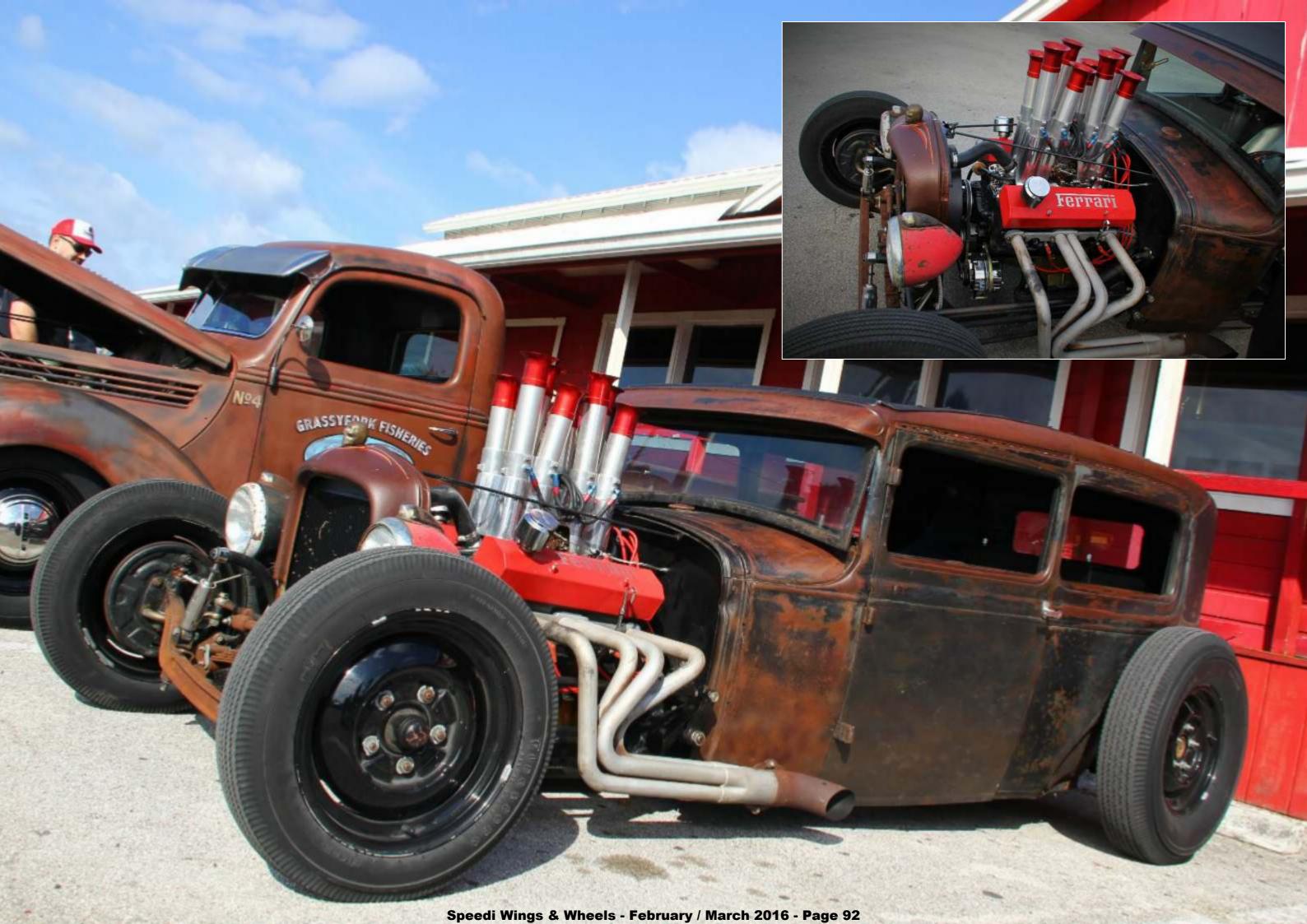






Gary's Hot Rods & Cruisers







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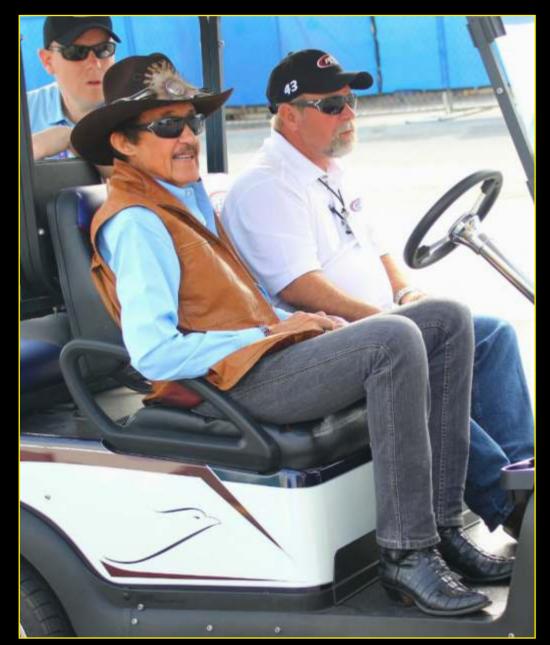










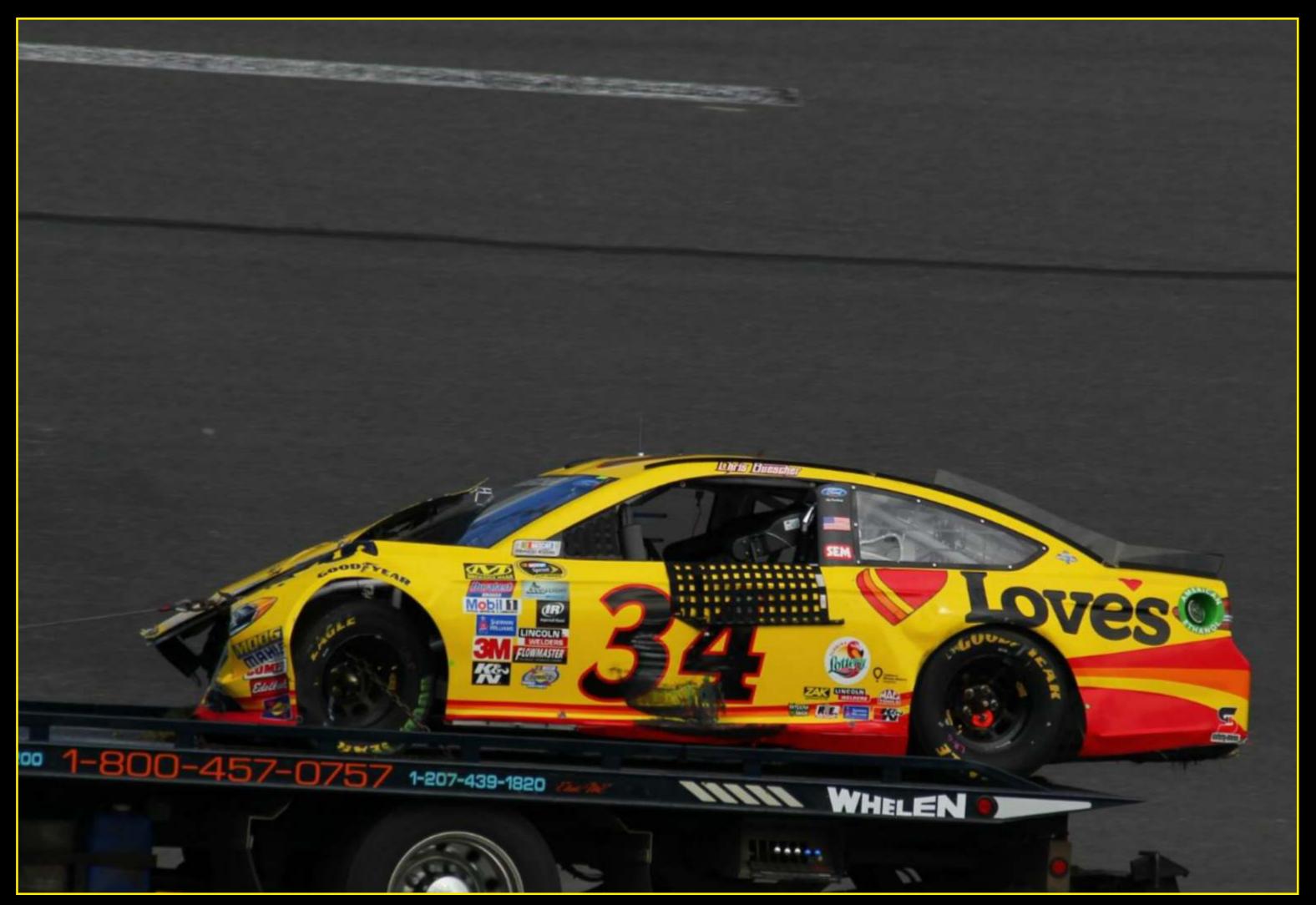








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Wheels