

Speedi

Wings & Wheels

www.speedi.tv

October / November 2017

Issue No: 34

News

Events

Features

Show Reports

Reviews



CALIFORNIA CAPITAL



HUNTINGTON BEACH

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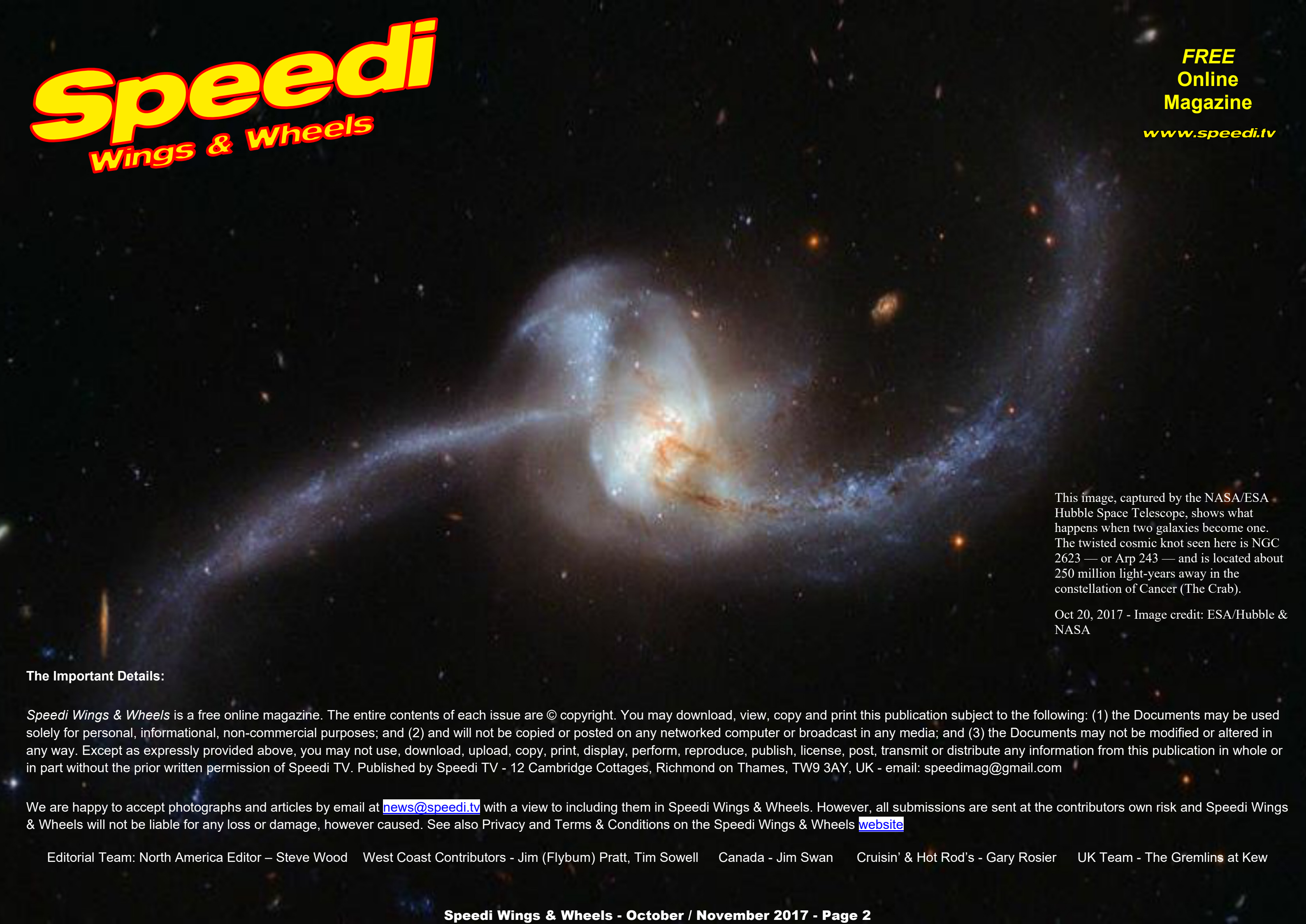
THIS MONTH:

California Capital Air Show

Huntington Beach Air Show

Reno Air Races

and Much More



This image, captured by the NASA/ESA Hubble Space Telescope, shows what happens when two galaxies become one. The twisted cosmic knot seen here is NGC 2623 — or Arp 243 — and is located about 250 million light-years away in the constellation of Cancer (The Crab).

Oct 20, 2017 - Image credit: ESA/Hubble & NASA

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

Editorial

Welcome to the October / November 2017 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 National Championship air races from Reno, NV - 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*

An F-22 Raptor from the 1st Fighter Wing, Joint Base Langley-Eustis, Va., takes off at RAF Lakenheath, England, Oct. 12, 2017. The Air Force has deployed F-22s, Airmen and associated equipment to RAF Lakenheath, for a flying training deployment to conduct air training with other Europe-based U.S. aircraft and NATO allies. (U.S. Air Force photo by Senior Airman Malcolm Mayfield)

7 *Reno Air Races 2017 - 40 Pages*

Speedi

Wings & Wheels

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56 California Capital Air Show: Another annual event from Sacramento's Mather Airport. Once again our West Coast duo were there . . .

103 Huntington Beach Air Show: This year was the first time we have covered this Californian beach air show. Jim (Flybum) Pratt was there to soak up the ozone from this beach side event . . .

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56 California Capital



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First A330neo successfully completes maiden flight

19 October 2017 - Toulouse

The first of three A330neo Family development aircraft to fly – MSN1795, an A330-900 variant – has landed at Toulouse-Blagnac, France at 14:10 hrs local time after successfully completing its first flight which lasted 4 hours and 13 minutes. The aircraft was powered by the latest technology Rolls-Royce Trent 7000 turbofans.

The crew in the cockpit on board this flight comprised: Experimental Test Pilots Thierry BOURGES, Thomas WILHELM and Test-Flight Engineer Alain POURCHET. Meanwhile, monitoring the aircraft systems and performance in real-time at the flight-test-engineer's (FTE) station are Jean-Philippe COTTET, Emiliano REQUENA ESTEBAN and Gert WUNDERLICH.

Fabrice Brégier, Airbus COO and President of Airbus Commercial Aircraft said: "Today's first flight of the A330neo marks yet another milestone along the Airbus journey of continuous innovation." He



added: "My congratulations and thanks go to all the teams who have contributed to make today's flight happen, and to our customers for choosing this very efficient and capable aircraft to give them market advantage. We look forward to a successful flight test campaign and entry into service of the A330neo in 2018."

Airbus has developed a fast-paced development programme from launch to first A330neo delivery. This will comprise 1,100 flight hours for the A330-900 campaign – to achieve its EASA and FAA Type Certification around the middle of 2018. An additional 300 flight hours is also allocated for the A330-800's own certification flight-test campaign – which will commence in due course. These respective campaigns will be performed in an 'airline like' environment, ensuring maximum aircraft maturity and reliability at entry into service (EIS) with A330-900 launch operator TAP Portugal. This phase will also define the mature aircraft documentation to be available for airline operators at EIS.

Overall, the full flight-test campaigns for both models will be performed by two A330-900s and one A330-800 respectively. To complement these dedicated flight-test aircraft, the first production A330-900 aircraft will also be tasked to validate the full Airspace cabin.

Launched in July 2014, the A330neo is the latest generation in Airbus' market-

leading A330 product line, comprising two versions: the A330-800 and A330-900. Both of these widebody aircraft incorporate new Rolls-Royce Trent 7000 engines, nacelle, titanium pylon, new wings and an Airspace by Airbus Cabin. The most visible new features of the A330neo are the new wing span extensions to 64m total (up from the CEO's 60.3m span) and the specially developed curved wingtip Sharklets – which draw on A350 XWB technology. Less visible, but equally important is the implementation of enhanced 3D-optimised aerodynamic refinements along the overall wing profile. Meanwhile, the Trent 7000s deliver double-digit fuel burn improvements and the quietest operation thanks to latest technology components, materials, new 'zero-splice' inlet and composite nacelle, 'fully-faired' pylon and also the larger (112-inch diameter) slower-rotating front fan with a bypass ratio of 10:1 – compared with the typical 5:1 ratio of previous-generation turbofans.

Both the A330-800 and the A330-900 will accommodate up to 10 more passengers than their respective predecessors, thanks to their new Airspace interiors which introduce various cabin enablers to free-up more usable cabin space – thus ensuring that each passenger can enjoy a significantly better actual comfort level and in-flight experience versus that offered by any competing aircraft in its market sector. The larger A330-900 will accommodate up to 287 seats in a typical three-class layout, while the A330-800 typically will seat 257 passengers in three classes.



Boeing, Air Force Test Team Completes First KC-46 to KC-46 Refueling

EVERETT, Wash., Oct. 11, 2017

A Boeing [NYSE: BA]-U.S. Air Force test team recently refueled a KC-46A tanker from another KC-46A tanker for the first time.

During the four-hour flight, the two aircraft successfully refueled each other and achieved the maximum fuel offload rate of 1,200 gallons per minute. The program's first and second tankers transferred a total of

38,100 pounds of fuel over the course of the flight. Both aircraft

took off and landed at Boeing Field, south of Seattle.

The milestone flight helps pave the way for the next phases of certification and specification compliance testing.

The KC-46 will refuel U.S., allied and coalition military aircraft using both its boom and hose and drogue systems. The boom allows the tanker to transfer up to 1,200 gallons of fuel per minute, while the plane's hose and drogue systems, located on both the plane's wing and centerline, enables the KC-46 to

refuel smaller aircraft with up to 400 gallons of fuel per minute.

To date, the program's test aircraft have completed 2,000 flight hours and more than 1,300 contacts during refueling flights with F-16, F/A-18, AV-8B, C-17, A-10 and KC-10 aircraft.

Photo above: A KC-46A Pegasus tanker is refueled by a second KC-46 for the first time as seen from the tanker's air refueling operator station. During the flight the two aircraft successfully refueled each other and transferred a total of 38,100 pounds of fuel. (Boeing photo)



evacuees from the island. Lending a helping hand to our STX team members were Alfredo Gonzalez, managing director, Caribbean; Migdoel Rosa,

since Hurricane Irma devastated the island in early September.

At SJU, our 400 colleagues receive supplies daily as they work under very difficult circumstances. Cargo has delivered more than 1,000,000 pounds of relief supplies to the island, and since restarting operations on Sept. 22, we have transported more than 10,000 people from Puerto Rico. We continue to

Caribbean Recovery Continues with St. Croix Rescue Mission

10/5/2017 - Dallas, TX

American Airlines continues lending a helping hand to our team members throughout the Caribbean, delivering much needed supplies to destinations that have been heavily impacted by hurricanes Irma and Maria: San Juan (SJU), St. Thomas (STT), St. Croix (STX) and St. Maarten (SXM).



vice president, Envoy, MIA and Mark Nelson, general manager, U.S. Virgin Islands. Regular service to STX begins on Thursday, Oct. 5 with one daily flight from MIA, and we are

expand our SJU operation as well.

Last Friday, Sept. 29, we resumed service from CLT and ORD and this Thursday, Oct. 5, we will resume service from DFW.

"Our team is doing an outstanding job under very difficult circumstances," said Alfredo. "Starting service is critical to recovery and rebuilding efforts."

tentatively scheduled to resume operations to SXM on Friday, Oct. 6. Service to STT resumed on Thursday, Sept. 28; airport conditions had prevented operations



On Oct. 3, American flew a rescue mission to STX, taking 5,000 pounds of relief supplies to our more than 20 Envoy team members there. We also brought back 135

Delta shows off new A350, latest innovations to global media

Atlanta, GA - October 18, 2017

"On behalf of Delta, SkyTeam and our global partners, welcome aboard Flight 9988, the Customer Experience Showcase featuring the A350," a flight attendant announced Tuesday to a plane filled with more than 70 journalists from around the world.

The media event, hosted by Delta's Corporate Communications team at Delta's headquarters in Atlanta, gave reporters, editors and bloggers from 18 countries and 65 outlets a first look at the airline's new international flagship aircraft, the Airbus A350 – including a brief flight. Reporters also heard from leaders and employees about Delta's multi-billion dollar investments in the customer experience.

Delta is the North American launch customer for the A350, which redefines the international onboard experience with the award-winning Delta One suite, the new Delta Premium Select cabin and a Main Cabin with an enhanced feel. The A350 enters into service this month.

Gareth Joyce, Senior Vice President – Airport Customer Service & President – Cargo, told reporters that the airline's investment in the new aircraft, and in the overall travel journey, is about creating a better experience for customers.

"Our goal is to create powerful memories for our customers to take home with them," Joyce said. To

that end, innovation and customer service work hand in hand, he explained.

"The power of culture is the one thing competitors can never compete with us on. By using innovative technologies, we free our people up to have more meaningful interactions with customers."

uring the two-day event, Delta invited media to experience the airline's recent investments: testing the new Self-Service Bag Drop, tasting food regularly served on the A350's routes and, of course, flying on the aircraft in the Delta One and Delta Premium Select cabins.

"The A350 sets a whole new standard for aircraft," Chief Operating Officer Gil West told the reporters. "It offers a 20 percent improvement in operation costs per seat and 25 percent increase in fuel efficiency compared to comparable aircraft."

Reporters also heard from Lisa Bauer, Vice President – On-board Services, and Andrew Wingrove, Managing Director – Product and Customer Experience, who gave a behind-the-scenes look at developing Delta's flagship product on the A350 and elevating the onboard experience.

Onboard, reporters had a chance to inspect every detail, from the customizable ambient lighting in the Delta One suite to the six-way adjustable headrest in Main Cabin. Several journalists shared observations about the A350 on social media.

Journalists also got the scoop on a number of announcements, including Delta's plan to reinvent international Main Cabin dining, offer customers the option of pre-selecting meals and the A350's new routes.

"Well, we just got a bit of great news – in addition to Tokyo, Beijing and Seoul, Delta's flagship plane will soon begin flying to Europe, too," The Points Guy wrote.

Media also took note of the Delta Premium Select cabin, which is making its debut on the A350:

"The seats are not simply coach seats with extra legroom," wrote USA Today. "Instead, they're entirely different seats that come with extended recline and footrests. The Premium Select seats also come with perks like enhanced meal service, priority check-in and amenity kits."

Once the flight was wheels up, media onboard were given the full Delta treatment: sparkling wine, espresso and ice cream sundaes. The two-hour flight flew from Atlanta, north along the Appalachian Mountains before turning south toward Atlanta.

"(The A350) is part of our story about reliability, innovation and service, and how we're going to make this a better airline," Delta CEO Ed Bastian told the reporters the next morning. "We're constantly focused on improving ... it's the 'Keep Climbing' motive that keeps us going."

RENO 2017



Photos for this feature by Jim (Flybum) Pratt and Tim Sowell

Reno Championship Air Races, 2017

Reno Air Races are like waiting for Christmas to come around. Takes a long time to get there but then it seems like it was last week when you were last there. What a place to be. The weather was perfect this year although cold in the early morning before the sun comes up. We get there a couple hours early to ensure a seat on the photographer’s bus to the pylons.

Unlimited Gold Race

“Strega”, a modified P-51D, was the winner of this year’s Gold Race with a speed of 481.340 mph. James Consalvi of Lakewood, Co was the pilot. The course is 8.05 miles long and consists of 8 laps. “Strega” fought it out with “Voodoo”, a modified P-51 which was last year’s winner, piloted by Steve Hinton, Jr. People might not have recognized Voodoo this year. In past years it was painted a racy looking purple. This year it showed up as a white aircraft. You be the judge on which paint job was better.

Jet Gold Race

The Jet Gold Race was won by Rick Vandam of Reno, NV, flying “American Spirit” an L-39 Albatross at an average speed of 494.210 mph. The Jet Course is 46.99 miles consisting of 6 laps. He was being chased by “Stealth”, a British Vampire jet, flown by Zachary McNeill of Corpus Christi, TX who placed second.

T-6 Gold Race

The T-6 Gold Race was won by John Lohmer of Dallas, TX flying “Radial Velocity” an SNJ-5. His average speed was 225.470 mph. The T-6 course is 28.9542 miles in 6 laps. He was followed by “Six Cat”, a T6-G flown by Nick Macy, of Tulelake, CA.

Sport Gold Race

The Sport Gold Race consists of kit built aircraft built out of composite materials or aluminum. Despite the fact that they are constructed in people’s garages, some are almost as fast at the P-51s. They consist mainly of Van’s RVs, Glasairs, Lancairs, and Thunder Mustangs. Jeff LaVelle of

Mukilteo, WA won the Gold in a Super Glasair III flown at an average speed of 388.313 mph. The Sport course is 46.99 miles in 6 laps. He was followed by Vicky Benzing of Saratoga, CA in “Lucky Too”, a Lancair Super Legacy who took second place.

Biplane Gold Race

Andrew Buehler took first place in the Biplane Gold Race flying “Phantom”, a Modified Mong Sport plane averaging 226.725 mph. The course was 18.7158 miles in 6 laps. He was chased by Jake Stewart of Carinth, TX flying “Bad Mojo”, a Pitts S-1.

Formula One Gold Race

“Fraed Naught” was the winner of the Formula One Gold Race. It was flown by Lowell, Slatter of Buhl, ID. The aircraft was a Gilbert DG2. His average speed was 242.104 mph. The course was 24.9544 miles in 8 laps. His closest competitor was Steve Senegal of San Bruno, CA flying “Endeavor”, an Arnold AR-6.



Military aircraft on display included a Marine Corps AV-8B Harrier, which was put through its paces including a vertical takeoff and landing and other maneuvers. The A-10 Heritage Flight Team performed a heritage flight with a P-38 from the Chino Air Museum, saluting veterans from different time periods. The military also did flight demonstrations with the C-130 Hercules, the F-15 all-weather fighter, The C-17 military transport, the F-18 Super Hornet, an E-2 Hawkeye Navy all-weather early warning and command and control aircraft, an Apache helicopter, a T-45 Goshawk Navy trainer, and an F-5N fighter.

For drone fans, there was a drone “tent” setup, consisting of huge nets, where drone competitions were being held. There were dozens of vendors setup selling food, t-shirts, sweat shirts, jackets, hats, paintings, and other race souvenirs.

If you visit the air races in the future be sure and treat yourself to a Pit Pass. It is well worth the time to visit the area where the race planes are parked and are being serviced in between races. You can talk to the pilots and crews when they have time and it adds a lot of depth and character to the event. Also, the photography opportunities are greater in that area. If you do visit the area, be alert and listen to the ground crews and plane directors. It can be a dangerous place for the unwary.

The Air Show

Reno had a special surprise this year from the Texas Flying Legends Museum. They treated the fans to several of their flying aircraft including a B-25J “Betty’s Dream”, a TBM3E Avenger (honoring George Bush Sr.), a P-40K “Aleutian Tiger”, a FG1-D Corsair, a P-51D “Dakota Kid II” honoring Lt. Noble Peterson, and a Spitfire MKIXC “Half Stork” which was flown over the beaches of Normandy on D-Day by Free French. The team did several formation passes over the crowd on each day of the races and also, some of the aircraft actually entered the races. Also, there were attacks with the B-25 dropping bombs on the air field. The fighters were strafing the ground and were engaged in dog fights in the air. I imagine a lot of veterans felt a twinge of PTSD as the battle was taking place. After the smoke cleared and the grass fires were extinguished, the races continued.















































































SPEEDI'S BLOG

WELCOME TO SPEEDI'S Blog.

I writing this blog on October 31 - Halloween. It is the day before All Saints' Day, and is also sometimes called All Hallows' Eve and Hallowmas Eve.



I thought it would be interesting to see what aviation related Halloween events are out there. Frankly I was amazed.

Of course the vast majority were in North America where Halloween is really BIG business. Both in terms of events but more particularly in terms of Halloween costumes.

Aviation museums have got in on the act too. For

example - The National Naval Aviation Museum in Pensacola had an event last Saturday featuring "spooktacular" specials on Museum Athands-ons, hands on activity stations and even a Mascot Meet-and-Greet with the Chick-fil-A Cow, Pensacola Ice Flyers' Maverick and Smokey Bear from 10:30 a.m. – 12 p.m. in the Blue Angels Atrium. See photo below:



The Hiller Aviation Museum in San Carlos, CA held a Halloween

Haunted Hangar event.. See photo bottom centre



AOPA even got in on the act too by working with a pilot's clothing company to promote aviation-themed clothing. See photo above.



The 'Drone' world has got in on the act with many people creating RC Drone Flying Halloween Ghosts. See photo above.

But it is fireworks and sky lanterns which are major aviation problems.

In the UK we celebrate Bonfire Night every 5 November. Guy Fawkes tried to blow up the British Parliament.

On the very night that the Gunpowder Plot was foiled, on November 5th, 1605, bonfires were set alight to celebrate the safety of the King. Since then, November 5th has become known as Bonfire Night. The event is commemorated every year with fireworks and burning effigies of Guy Fawkes on a bonfire.

What has this got to do with aviation you ask?

A number of things - all major fireworks displays have to be notified to the CAA which has the power to restrict a display for aviation safety. There was a case when fireworks were used without permission at a wedding on the flight path into London Heathrow causing flights to be delayed.

Another serious problem is sky lanterns. Some years ago an



international flight was grounded because of pilot safety fears about sky lanterns floating over an airport. A plane coming into land elsewhere narrowly missed one of the airborne hazards.

The lanterns, otherwise known as Chinese lanterns – increasingly released for wedding & birthday celebrations, Bonfire Night and New Year - are a growing problem for pilots and airlines, data released by the CAA reveals.

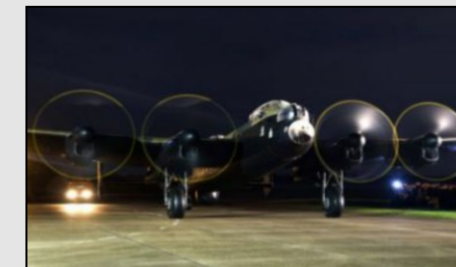
Details of 21 incidents involving sky lanterns at airports in the last two years have been released by the CAA.

Dangerous things these sky lanterns.

Then there are aviation venues which

specifically host fireworks displays. An example is a display taking place at the Lincolnshire Aviation Heritage Centre where the museum has an WW2 Avro Lancaster bomber.

It hosts one of the County's biggest firework displays and there's a night taxi run with Avro Lancaster NX611. See photo below.



Plus an original WW2 searchlight, and the atmosphere of a WW2 airfield at night. It's safely conducted at an old RAF airfield far away from airport traffic.





N 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:

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 06)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 - Joe Friend: 386 872-1430



NEWS FROM THE BARN

Spruce Creek Fly-in
The World's Greatest Aviation Community

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

In this issue the 'News from the Barn' feature shows just some of the many 'characters' who enjoy Spruce Creek Fly-in so much . . .



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".



One of the 'adults' at play . . .















CALIFORNIA CAPITAL
AIRSHOW

California Capital Airshow 2017

The California Capital Airshow is held annually at Mather Airport (formerly Mather Air Force Base). The location is a great place to hold an airshow in terms of having lots of space for the display of aircraft of all sizes and shapes and to support a huge number of vendors. One of the things I have found amazing is the smooth flow of traffic, both in and out of the airport. With Highway 50 nearby, traffic moves quickly.

This year the show hosted the National Aviation Heritage Invitational (NAHI), which is a prestigious competition of the finest examples of rare and restored vintage aircraft judged against standard criteria developed by the Smithsonian Institution's National Air and Space Museum. The Grumman Albatross won the top prize. There were a couple of DC-3s, a Hudson Bomber, a Howard, a Swift, and other vintage aircraft on display.

The 70th anniversary of the U.S. Air Force was recognized and several of the aircraft performing were a result of that. Both Beale and Travis AFB played key roles in the show.

Mig Alley, a tribute to the Korean War, was presented. A Chinese (Russian) Mig-15 and an F-86 Saberjet dueled it out in front of the crowd, ripping across the sky at incredible speed then climbing like homesick angels. It is always a challenge to photograph this act because the aircraft are relatively small and they move so fast. Dog fights at that speed are exciting.

Kent Pietsch performed in his yellow Jelly Belly Interstate Cadet. During the routine, supposedly by an incompetent pilot, he loses one aileron and then a wheel as he attempts to get the plane back on the ground after an accidental takeoff. The kids love this act.

Something never seen before was an E-4B National Airborne Operations Center, otherwise known as the "Doomsday" aircraft. It is a highly modified Boeing 747 that carries tons of top secret electronic gear which would be used to

monitor the overall battle space in an all out war. It looks like most 747s, except for curious bulges here and there and one large bulge on top just behind the cockpit.



An F-18F Super Hornet from VFA-106, NAS Oceana, VA did a demonstration of how the Hornet operates off of carriers. It was great to see this performance, but I could not help but wonder why they didn't call on the squadrons at NAS Lemoore to do the show. (My old alma mater).

The Patriot Parachute Team, made up of ex-Navy Seals, wowed the crowd with an aerial "join up" act that demonstrated the skill of these highly trained sailors.

The Air National Guard was represented by a team from the ANG base in Fresno, CA. They demonstrated an F-15 Strike Eagle. These guys are close to my heart because they fly directly over my house in Fresno at 9:30 every morning and several other times during the week. I have a bumper sticker on my tool cabinet that says "I Love Jet Noise" that one of their squadron members gave me a couple of years ago.

Bill Stein did an aerobatic routine in his Zivko Edge 540. That guy owns the sky with his tumbling act. The Air Force fielded a C-130 Hercules modified to fight forest fires which did a water drop on the field. Californians can appreciate the aircraft. It has been busy fighting the forest fires in the valley this season. Thanks Air Force!

The Chino Museum sent it's P-38 Lightning to the show. Steve Hinton, President of the Chino Air Museum and one of the nation's top air show and race pilots flew an aerial ballet in the plane. He was then joined by an A-10 Thunderbolt (Wart Hog) from Davis-Monthan for a Heritage Flight to salute the pilots who flew the P-38 during WWII and those who flew its namesake, the A-10 during the wars in Iraq, Afghanistan, and nearby countries. Both aircraft brought the war to the enemy and helped to determine the outcome of different wars.

The Patriot Team performed the grand finale in their Czech L-39 Albatrosses. Six aircraft, piloted by former Blue Angels, Thunderbird, and Canadian Snow Bird team members flew an amazing aerial demonstration that held the attention of the crowd until the end of the show. It is sometimes a disappointment when an airshow is not able to field one of the military's aerobatic teams, but this helped to fill in the void. Nobody complained. The Patriot's made the crowd happy. Jim (Flybum) Pratt



















































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.





Where possible, traditional skills will be employed. For example, exterior panels will be hand-rolled, not pressed, just as they were in period, and the small, but incredibly significant idiosyncracies remain intact.

“The XKSS occupies a unique place in Jaguar's history and is a car coveted by collectors the world over for its exclusivity and unmistakable design.

THE XKSS IS BACK!

This year, Jaguar Classic will rewrite the history books by building nine new examples of the world's coolest sports car, the gorgeous Jaguar XKSS. Here's the full story.

RACE TO ROAD

The launch of the XKSS in 1957 marked a seminal moment in Jaguar's history. Having won three successive victories at the Le Mans 24 Hours with the D-Type between 1955-57, Jaguar founder Sir William Lyons made the inspired decision to convert 25 remaining D-Types into road cars.

That was the birth of the XKSS and it immediately set a new benchmark for what a sports car should be – unique, handcrafted, devastatingly stylish and rare. However, only 16 cars were completed before a

devastating fire at Jaguar's factory in Browns Lane, Coventry, destroyed the remaining nine.

AN ICON RETURNS

Now, Jaguar Classic will build nine new 'continuation' cars to finish off the run, each one delivered in 2017 to celebrate the 60th anniversary of one of the most beautiful and iconic sports cars ever created. Each car will be completed at Jaguar Classic's new Experimental division in Coventry. Here, a dedicated team of designers, technicians and engineers will ensure that every single part of the car - from the iconic Moto-Lita steering wheel and Smiths dials, to the braze-welded chassis - has been designed and engineered to be as historically accurate as possible.

CRAFTMANSHIP

Each XKSS will also exhibit the same level of individuality and craftsmanship as the original cars.

Jaguar Classic's highly skilled team of engineers and technicians will draw on decades of knowledge to ensure each of the nine cars is completely authentic and crafted to the highest quality. Our continuation XKSS reaffirms our commitment to nurture the passion and enthusiasm for Jaguar's illustrious past by offering exceptional cars, services, parts and experiences.”

TIM HANNIG - DIRECTOR, JAGUAR LAND ROVER CLASSIC

LWE LEADS THE WAY

The XKSS isn't the first 'continuation' car that Jaguar has built. In May 2014 it announced that it would build a run of six Lightweight E-type racers to complement the 12 original cars that left the Browns Lane factory in 1963, thus bringing the total amount of genuine Lightweight E-types to 18. The final car was handed over to its owner earlier this year.

BRITISH AMBASSADOR TO THE UNITED STATES OF AMERICA HERALDS THE ARRIVAL OF THE NEW ROLLS-ROYCE PHANTOM

modern Rolls-Royce is handcrafted exclusively at The Home of Rolls-Royce in Goodwood, England.

“Rolls-Royce is an outstanding example of a British luxury brand that combines modern engineering with classic British style.” Said Sir Kim. “American car enthusiasts appear to like the result, whether Rolls-Royce or other British car

industry is the world's best. I thank Sir Kim for welcoming New Phantom, the world's leading luxury product, to America in such style.”

“We are proud that the newest and most exclusive member of the Rolls-Royce family has been welcomed to America by the British Ambassador to the United States,” said Pedro Mota, President of Rolls-

Royce Motor Cars Americas. “Rolls-Royce continues to represent the very best of luxury craftsmanship in the world. For well over a century, Rolls-Royce has been a global beacon for British luxury manufacturing excellence. With the arrival of New Phantom, considered by



26.10.2017

The New Rolls-Royce Phantom made its debut in the nation's capital yesterday evening at an event hosted by Sir Kim Darroch, the British Ambassador to the United States at his official residence in Washington D.C. New Phantom is the pinnacle offering from Rolls-Royce, the world's leading luxury brand.

As the longest existing nameplate in motoring history, Phantom has defined British luxury craftsmanship for more than 92 years. Every

brands: the US is the single largest country market for British cars, and the latest Rolls-Royce Phantom is sure to be another hit, representing as it does a unique combination of state of the art design with handcrafted excellence.”

Speaking from the Home of Rolls-Royce in Goodwood, England, Chief Executive Officer of Rolls-Royce, Torsten Müller-Ötvös said, “As the world's leading luxury brand, we at Rolls-Royce are proud to carry the message around the globe that Great Britain's luxury

those in the know as “The Best Car in the World,” the United States is poised to remain the largest market for Rolls-Royce, worldwide,” added Mota.

New Phantom offers a wholly new, innovative and contemporary interpretation of the Rolls-Royce Phantom DNA. New levels of luxury, technology and silence are underpinned by “The Architecture of Luxury”, an all-aluminium spaceframe architecture designed by Rolls-Royce engineers at the Home of Rolls-Royce at Goodwood.



NEW CONTINENTAL GT DEBUTS IN FRANKFURT

* A defining moment for Bentley Motors” comments Bentley’s Chairman and CEO, Wolfgang Dürheimer

* The definitive luxury Grand Tourer: designed, engineered and handcrafted in Britain

Frankfurt, 12 September 2017

The all-new Continental GT made its global debut at the IAA 2017 in Frankfurt today.

Commenting on its unveiling, Chairman and CEO, Wolfgang Dürheimer, said: “Today is a defining moment for Bentley Motors. Today we build on our

recent success story and look to the future with a new car that will set new standards in luxury grand touring. Today we introduce a car that is the ultimate in extraordinary design, technology and innovation.”

“When Bentley launched the original Continental GT in 2003 it established an entirely new market segment – the modern luxury grand tourer. Today, I’m convinced that we are redefining this segment again. It is an honour to replace a car that has – for 14 years – been the benchmark against which all other grand tourers are judged.”

The third generation of the legendary Bentley Continental GT is designed,

engineered and handcrafted in Great Britain, ensuring the highest levels of attention to detail, artistry and cutting-edge technology are blended together to create the finest grand tourer ever produced.

The new Bentley Continental GT is available to order now with customer deliveries starting in Q2 next year and Bentley has confirmed that a plug-in hybrid model will be available in the future.



Less is more – the new Porsche 911 Carrera T

23 October 2017

With the 911 Carrera T, Porsche is reviving the puristic concept behind the 911 T of 1968: less weight, shorter transmission ratios from the manual gearbox and rear-wheel drive with mechanical rear differential lock for an enhanced performance and intense driving pleasure.

The new model’s unique appearance is based on the 911 Carrera and its engine delivers 272 kW (370 hp; Fuel consumption combined 9.5 – 8.5 l/100 km; CO2 emissions 215 – 193 g/km). The 911 Carrera T – at Porsche, “T” stands for Touring – also boasts several other equipment features that are not available for the 911 Carrera, including the PASM sports chassis as standard, lowered by 20 mm, the weight-optimised Sport Chrono Package, a shortened shift lever with red shift pattern and Sport-Tex seat centres. The rear-axle steering, which is not available for the 911 Carrera, is available as an option for the 911 Carrera T.

Every aspect of the equipment in the 911 Carrera T is designed to

optimise sportiness and deliver lightweight construction: The rear window and rear side windows are made from lightweight glass and the door trims feature opening loops. The sound absorption has been largely reduced. The rear seats have been omitted along with the Porsche Communication Management (PCM), though both are still available on request at no additional



cost. The result of the lightweight construction measures: At an unladen weight of 1,425 kilograms, the two-seater is 20 kilograms lighter than a 911 Carrera with comparable equipment.

A sporty design and unique appearance

The design of the 911 Carrera T highlights the emotionality and sportiness of the coupé with rear-axle transmission. The body parts and wheels function as clear differentiating elements. At the front, the 911 Carrera T features an aerodynamically optimised front spoiler lip, and the Sport Design exterior mirrors are painted in Agate Grey Metallic. From the side, the

new model is easily recognisable thanks to its 20-inch Carrera S wheels in Titan Grey. The “911 Carrera T” logos represent another distinctive feature at the side. The rear view is characterised by the slats in the rear lid grille, the Porsche logo, the “911 Carrera T” model designation in Agate Grey and the sports exhaust system provided as standard, with centrally positioned tailpipes painted in black. The exterior colour options are Black, Lava Orange, Guards Red, Racing

Yellow, White and Miami Blue, as well as the metallic colours Carrera White, Jet Black and GT Silver.

Thanks to a shorter rear axle ratio and mechanical differential lock, the 911 Carrera T can sprint from zero to 100 km/h in 4.5 seconds – 0.1 seconds faster than the 911 Carrera Coupé. The model reaches the 200-km/h limit in just 15.1 seconds.



FORD MUSTANG GT4 MAKES EUROPEAN DEBUT AT CIRCUIT PAUL RICARD

* Ford Mustang GT4 enters final race of GT4 European Series Southern Cup at Circuit Paul Ricard

* Ford Performance enters car for one-race effort, with Scott Maxwell behind the wheel

DEARBORN, Mich., Oct. 11, 2017

Ford Performance will bring the Ford Mustang GT4 to a European competition for the first time in a special exhibition debut at the FFSA Championnat De France GT GT4 European Series Southern Cup race at Circuit Paul Ricard 14-15 October.

The trip is intended to showcase the speed and versatility of the Ford Mustang GT4, the newest Mustang designed especially for road racing circuits around the world.

“The best way to show customers what a car can do is to bring it to the racetrack,” said Dave Pericak, global director, Ford Performance. “That’s our goal at Paul Ricard. We’ve already had success with the Ford Mustang GT4 in the U.S.; now it’s a time to show potential customers what it can do at a respected European track like Paul Ricard.”

The Ford Mustang GT4 brings with it a full list of accolades from its debut season in the IMSA Continental Tire SportsCar Championship, including poles at its first two races (Daytona, Sebring) and wins at Sebring, Watkins Glen

and Road America. It has also seen action in the GTS category of the Pirelli World Challenge series. Ford Performance has entered the car, with veteran driver Scott Maxwell behind the wheel. Maxwell was involved in the development of the car and has raced it to victory in the U.S.

“I’ve never raced at Paul Ricard, but I’m very excited to see what this car can do there against some good competition,” Maxwell said. “It’s a great place to showcase the car to potential customers for Europe and, just as importantly, it’s a great time to be involved with sports car racing at Ford. First, we had the BOSS 302R, then the Shelby GT350R-C, and now the Mustang GT4. It’s great to see Ford increase the Mustang’s footprint around the world, not just in the marketplace, but on the race tracks as well.”

RANGE ROVER SPORT FIRST ZERO EMISSION PLUG-IN FROM

LAND ROVER

Whitley, UK, 4 October 2017 – The new Range Rover Sport is transformed by technology, with a plug-in hybrid electric powertrain delivering efficiency, capability and performance like never before.

Today’s reveal follows the news that from 2020 all new Jaguar and Land Rover vehicles will be available with electrified options and marks the next step on the Great British company’s electrification journey.

In addition to efficient PHEV options, every Range Rover Sport has an enhanced design and new technology. The flagship SVR now delivers 575hp, making it the fastest Range Rover to date. This is an SUV driven to another level of dynamic capability, with breadth of appeal



and desirability like no other.

world.

“When we started the design process with this new Range Rover Sport, it was important that we maintained its sporting prowess while evolving the exterior design. The addition of design-enabled technologies, such as our new infotainment system and the LED headlights demonstrate our drive towards ever greater desirability for the customer.”

Gerry McGovern, Chief Design Officer, Land Rover

The British-designed, engineered and built Range Rover Sport has sold more than 732,000 vehicles since it was introduced in 2004. Its unrivalled mix of refinement and exhilarating performance has starred on TV and in movies around the

The latest Range Rover Sport is Jaguar Land Rover’s first plug-in hybrid electric vehicle. Badged P400e, the new model provides sustainable performance by combining a 300hp (221kW) 2.0-litre four-cylinder Ingenium petrol engine with a 116an (85kW) electric motor. The 404hp (297kW) total available power output[1] – available through the permanent four-wheel drive system – delivers 0-60mph in 6.3 seconds and a maximum speed of 137mph. With an impressive 640Nm of combined torque, the new powertrain mixes dynamic and sustainable performance with traditional Land Rover capability, comfort and refinement.

GONE CRUISIN'

Gary's Hot Rods & Cruisers



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/>

This time it's not cars, but a preview of what is to come from Gary in the next issue































More to come in the next issue . . .



Huntington Beach Air Show



Huntington Beach Air Show Huntington Beach, CA

The Huntington Beach Air Show was a surprise to me this year. My brother called and invited me down to southern California to see the show on short notice. I found out that last year it attracted a crowd of 500,000 and this year they expected 1,000,000. According to the Orange County Register, they did succeed in attracting a million spectators this year. Because of the wide open beach it didn't seem that crowded, at least not until everyone decided to leave after the final performance by the Blue Angels. We decided that next year we are going to bring the families, beach chairs, and a sun shade and kick back and watch the show while the cool ocean breeze blows freely. Huntington Beach (Surf City) is a quaint area with lots of restaurants and shops to visit. This event is going to be on my list.

Attending an airshow away from an airport is a different kind of animal and you have to take certain things into consideration if you are a photographer. First, determine where airshow center is and check the sun angle. Check for fog forecasts. It is the ocean you know. Bring chairs, standing in the sand for hours can get tiring.

Performances:

The Black Daggers

The U.S. Army Special Operations Command Parachute Demonstration Team - The Black Daggers- is comprised entirely of volunteers from throughout the Army special operations community. They have diverse backgrounds and possess various military specialties. The team represents the professionalism and dedication of Special Operations Forces and performs aerial demonstrations in

support of U.S. Army Special Operations Command outreach and recruiting efforts. It was interesting to watch their techniques for insertion into a hostile area.

The Canadian Forces Snowbirds, 431 Air Demonstration Squadron are a Canadian squadron comprised of Canadian Armed Forces (CAF) members and National Defense Public Service employees. Pilots, technicians (aviation, avionics, aircraft structure, supply), mobile support operators, resource management support clerks, an engineering officer, a logistics officer and a public affairs officer representing all three elements (Army, Navy and Air Force), work as a team to bring thrilling performances to the Canadian public. Serving as ambassadors of the CAF, the CF Snowbirds demonstrate the high level of skill, professionalism, teamwork, discipline and dedication inherent in the men and women of the CAF.

The show team flies 11 CT-114 Tutors—nine for aerobatic performances, including two solo aircraft, and two as spares, flown by the team coordinators. Approximately 80 Canadian Forces personnel work with the squadron full time; 24 personnel are in the show team that travels during the show season. Watching them perform is almost relaxing as their maneuvers are graceful and involve more aircraft than other teams. The Tutors are older, trainer type aircraft but do the job that they are intended to do.

The F-16 Fighting Falcon Demonstration

The F-16 Fighting Falcon is a compact, multi-role fighter aircraft. It is highly maneuverable and has proven itself in air-to-air combat and air-to-surface attack. It provides a relatively low-cost, high-performance weapon system for the United States and allied nations.

In an air combat role, the F-16's maneuverability and combat radius (distance it can fly to enter air combat, stay, fight and return) exceed that of all potential threat fighter aircraft. It can locate targets in all weather conditions and detect low flying aircraft in radar ground clutter. In an air-to-surface role, the F-16 can fly more than 500 miles (860 kilometers), deliver its weapons with superior accuracy, defend itself against enemy aircraft, and return to its starting point. An all-weather capability allows it to accurately deliver ordnance during non-visual bombing conditions.

F-35A Lightning

The F-35A is the U.S. Air Force's latest fifth-generation fighter. It is predicted that it will replace the U.S. Air Force's aging fleet of F-16 Fighting Falcons and A-10 Thunderbolt II's, which have been the primary fighter aircraft for more than 20 years, and bring with it an enhanced capability to survive in the advanced threat environment in which it was designed to operate. With its aerodynamic performance and advanced integrated avionics, the F-35A will provide next-generation stealth, enhanced situational awareness, and reduced vulnerability for the United States and allied nations.

The conventional takeoff and landing (CTOL) F-35A gives the U.S. Air Force and allies the power to dominate the skies – anytime, anywhere. The F-35A is an agile, versatile, high-performance, 9g capable multirole fighter that combines stealth, sensor fusion, and unprecedented situational awareness.

The F-35A's advanced sensor package is designed to gather, fuse and distribute more information than any fighter in history, giving operators a decisive

advantage over all adversaries. Its processing power, open architecture, sophisticated sensors, information fusion and flexible communication links make the F-35 an indispensable tool in future homeland defense, Joint and Coalition irregular warfare and major combat operations.

Breitling CAP 232 – David Martin

Piloting the CAP 232 high above the crowds at various airshows including Sun 'N Fun Fly-IN and International Expo. David Martin is sponsored by legendary Swiss watch manufacturer Breitling - who, like David has a long tradition in the world of aviation where precision and technical ability are the key to performance. The partnership is in its eleventh year and is going strong, allowing countless spectators a chance to take part in the Breitling aviation experience. A unique aerobatic maneuver has even been developed through the partnership: the Breitling Tourbillon. The maneuver involves a series of turns and spins mirroring the highly-technical Breitling watch that compensates for variations in time which occur when a watch is in a vertical position - defying the effects of gravity.

Michael Wiskis – Lucas Oil Pitts

Mike has accumulated more than 24,000 flight hours and has qualified in more than 40 aircraft. He keeps a very busy schedule flying for Corporate America as well as keeping a full time air show schedule flying the Lucas Oil stunt plane April through November. "It is incredible to be part of the Lucas Oil Team. Mike's routines is exciting and holds the crowds attention as he puts the Pitts through its paces. Michael flies the Pitts S-1-11b.

FedEx Express

FedEx Express, a subsidiary of FedEx Corp. (NYSE: FDX) and the world's largest express transportation company. The cargo carrier with the most 757s is FedEx Express, which operated a 757-200F fleet of 110 aircraft in July 2017. The twinjet has a two-crew member glass cockpit, turbofan engines of sufficient power to allow takeoffs from relatively short runways and higher altitudes, a conventional tail and, for reduced aerodynamic drag, a supercritical wing design. The plane looked awesome as it buzzed the beach. Rarely do we get to see an airliner at such a low altitude doing tight maneuvers.

Blackstone Airways

After retiring from American Airlines in 2007, Captain Michael E. Blackstone missed his life of being an airline pilot. In 2015, Michael's son, decided to purchase this 1957 Beech E18S so he and his Dad could fly together to fun destinations with friends and loved ones once again. They succeeded in creating Blackstone Airways with their vintage Beech 18, the only executive interior, charter capable Beech 18 left on the planet set up to do luxury flights to places like Catalina Island, Napa Valley, Las Vegas, and Paso Robles with 6 passengers comfortably seated in the back. If you have always wanted to know what it was like to fly in high style like a movie star from the 1940s-1960s you will surely love taking this amazing vintage aircraft for a tour or flight to somewhere special.

The Huntington Beach Police Department Air Support Unit

The Huntington Beach Police Department Air Support Unit provides support to ground based units engaged in all facets of law enforcement while, serving the

citizens of Huntington Beach. This support includes, but is not limited to Patrol and Traffic Operations, Surveillance, Marine Safety and Fire protection operations, Aerial Photography, Search and Rescue, and Training. Additionally, the Air Support Unit may provide air support to other law enforcement agencies within the scope of mutual aid during life-threatening and emergency situations. HBPD operates three MD 520N series turbine powered helicopters out of our facility. It is owned and operated solely by the city of Huntington Beach expressly for police and fire operations. The Air Support Unit currently provides support under contract for the City of Newport Beach and the City of Costa Mesa.

Sheriff's Department Helicopters

Sheriff's Department helicopters are scheduled to provide patrol services seven days a week. Flight crews work four ten-hour shifts, both days and evenings. The Aviation Support Unit provides coverage seven days a week. One aircraft performs scheduled patrol flights, while the other is available for scheduled maintenance and special assignments, as needed.

In addition to providing regular assistance to ground units, the flight crews initiate action as a result of their observations during patrol activities and respond to calls assigned by Sheriff's Dispatch. On over 64% of the calls they are the first unit on scene.

Conclusion:

If you happen to be in Southern California in early October, put this event on your list. It is held in a beautiful location, it attracts top aviation talent, and the women will love the shopping and scenery as well as the air show.

































































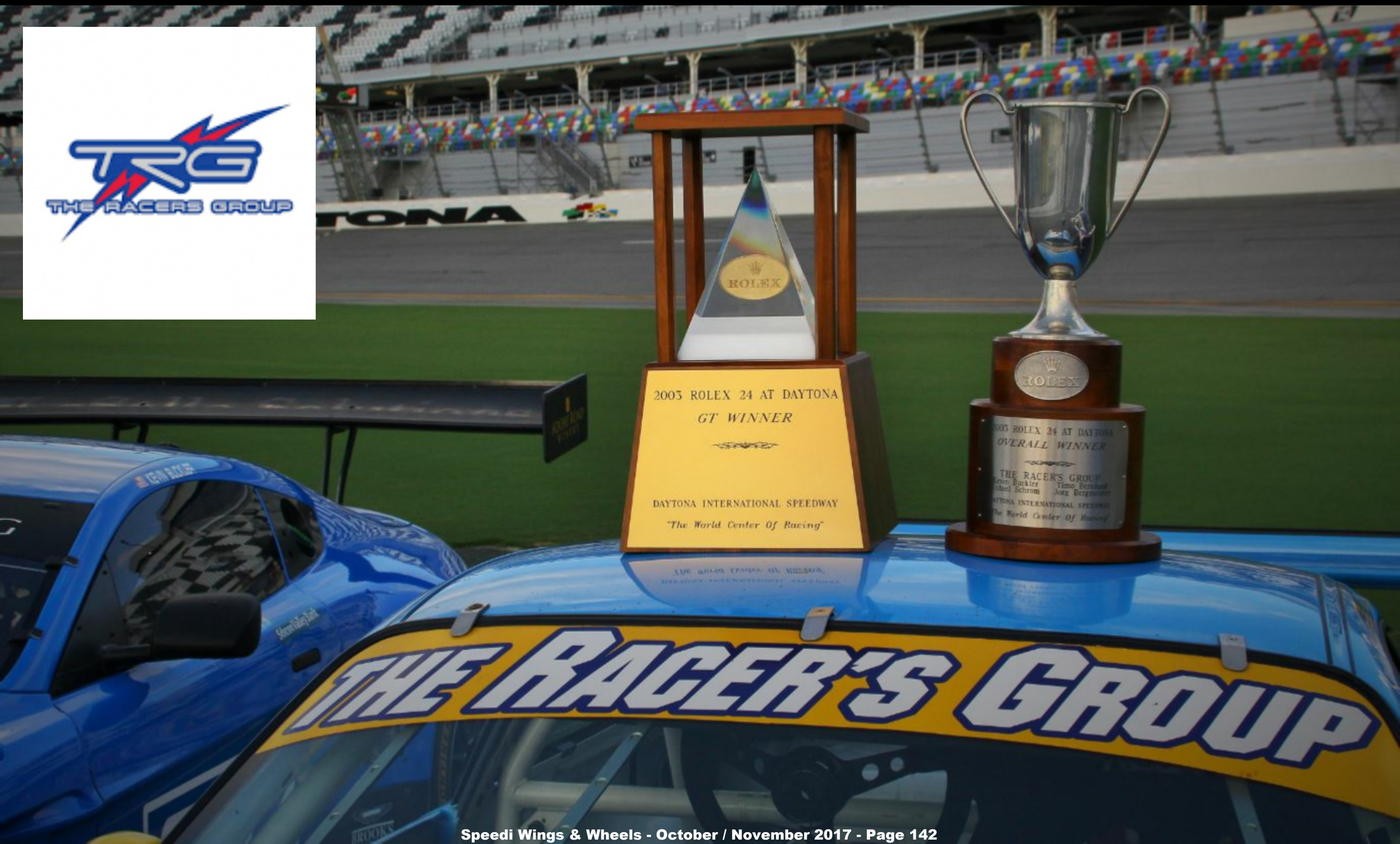


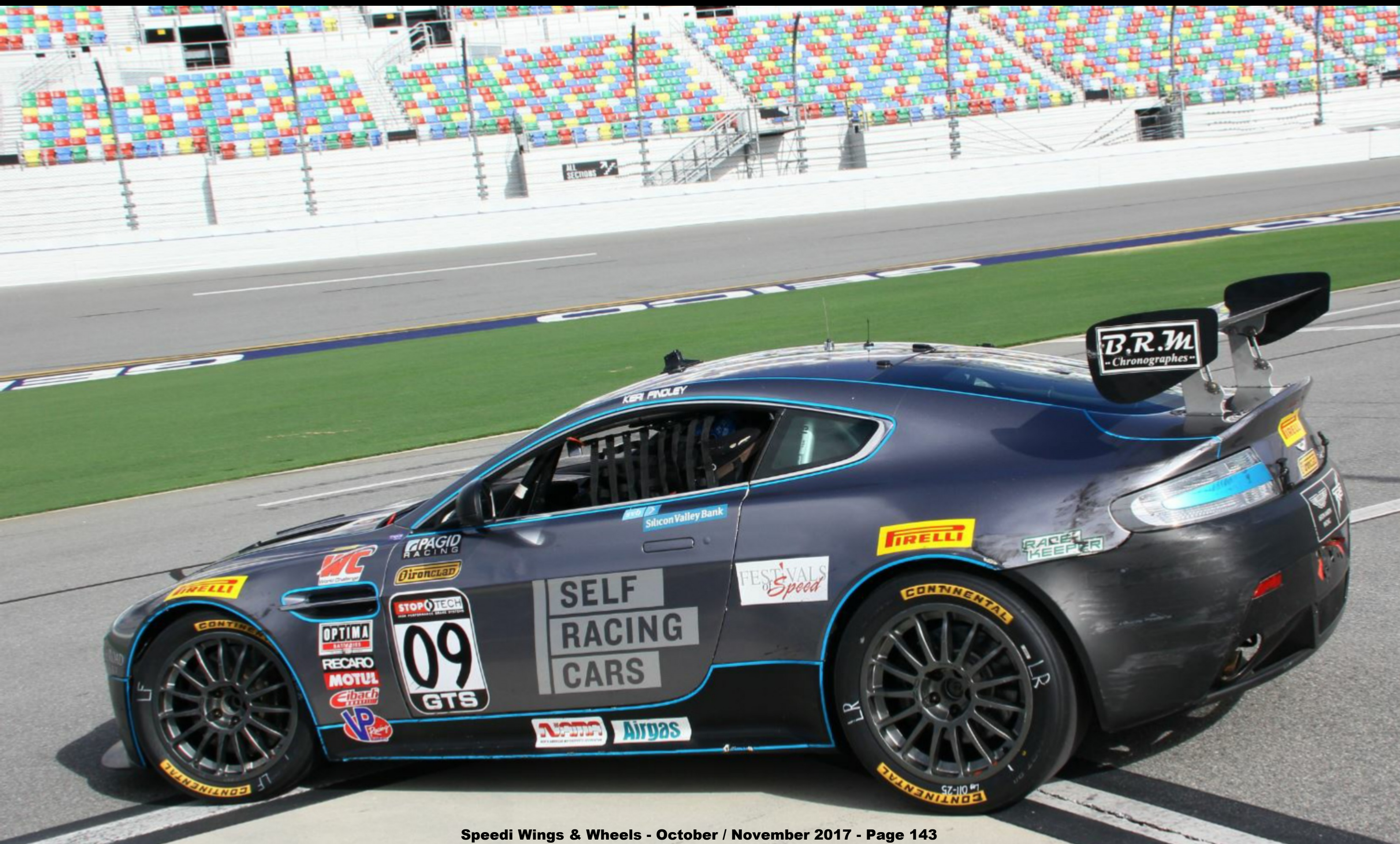
















































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