Speedi

Wings & Wheels

News Events Features Show Reports

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December 2020 / January 2021

Issue No: 53

NEW FORMAT

SEE PAGE 2

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FREE! Online Magazine

THIS MONTH: Astronomical RV Drag Strip Riot Historic Racers Spruce Creek Street Parade Toy Parade 2013 and Much More

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SPEEDI'S BLOG

Welcome to Speedi's Blog.

In this issue Speedi's Blog has been moved to the second page of the magazine.

Why, you may wonder!

Well, it's to announce a major change in the way you can view the photos behind each feature.

Let me explain more.

In the past our contributors have sent in many more photos than we have space to publish. As a result we have not only to be selective in the numbers used, but also we have to reduce the quality to publish in a pdf format.

Fast forward to another great development which I'm involved in. That's 2 new YouTube channels:

Speedistevie

Mydreamcarnews

Click on the above links to view these channels and don't forget to *subscribe*. If you don't have a Google account then simply open one which will let you subscribe to any YouTube channel. It's vital you subscribe to the 2 channels so do it NOW!

Using a video format we've been able to publish videos with up to 10 times more high quality photos than using a pdf file, and of course YouTube is an ideal platform for this.

Then it's so simple for you to view the entirety of the photos for each feature - all you have to do is to click on any photo associated with the magazine feature and you'll open the YouTube video showing all photos for that feature.

For example, here's a photo from a feature later in the magazine:



Simply click on the pic and a new window will open linked to the YouTube video showing all of the photos we have on that feature.

Click 'a' Pic is the name we've coined for this.

So in effect we are using the pdf magazine format as an easy way for you to identify which feature you want to view in depth - then you view the feature in full on YouTube.

The 2 new YouTube channels will contain far more videos than the ones which are linked to Speedi Wings & Whells magazine.

Speedistevie, is as the names says, very much about videos linked to speed.

Similarly, Mydreamcarnews is primarily about cars you'd like to dream about. With news and features about megacars, hypercars, supercars, and much, much more. . .

So as you can imagine, I've been spending many many hours setting up the new YouTube channels, with help from my niece & nephew who are searching out the music for the videos.

It's thanks to Covid-19 that I decided to branch out into YouTube and to bring to a wide audience the many interesting videos I've accumulated over the years, and the increasing number of videos which are sent to me daily by car manufacturers.

There's so much video material out there that I'm concentrating my efforts on the likes of Aston Martin, Bentley, Bugatti, BMW, Ferrari, Lamborghini, McLaren, Mercedes, Porsche, etc.

The aim is to publish a video for each channel every Friday, Saturday and Sunday. But there will be videos posted on other days, particularly old videos I've decided to republish.

It's been one 'hell' of an unusual year in 2020. Ever since I left Goofy tucked up in its hangar at Spruce Creek in early March when I left for my usual 2 month trip back home in England.

Never did I ever imagine that 10 months later Goofy would still be sitting there waiting for me to return. And it's not that I don't want to return, It's simply that there's been a travel ban in place all this time which will no doubt continue until the vaccines are widely available. I suspect travel will only be allowed if you have been vaccinated. No doubt this will continue for some years to come.

In December, I'd normally have been enjoying the Spruce Creek Toy Parade. flying Goofy and displaying 2 of my motorcycles. Not this year, as even though I cannot get to Florida, the Toy Parade was canceled thanks to the Covid restrictions.

The Toy Parade is usually the main feature of the December / January issue of the magazine. So this year we decided to look back at the first year the magazine was published back in 2013.

Not to be daunted, a number of Spruce Creeks residents put on a parade around the streets of the Fly-in so residents could view all the 'Toys' without gathering en-masse by the Big Tree. We have some photos from the start of the parade later in this issue. But here's one to temp you:



So enjoy the new format of the magazine and my YouTube channels.

Please *subscribe* and pass the word around.

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Launch of Orion

The United Launch Alliance Delta IV Heavy rocket, with NASA's Orion spacecraft mounted atop, lifts off from Cape Canaveral Air Force Station's Space Launch Complex 37 at at 7:05 a.m. EST, Friday, Dec. 5, 2014, in Florida. The Orion spacecraft will orbit Earth twice, reaching an altitude of approximately 3,600 miles above Earth before landing in the Pacific Ocean. No one is aboard Orion for this flight test, but the spacecraft is designed to allow us to journey to destinations never before visited by humans, including an asteroid and Mars.

Photo Credit: NASA/Bill Ingalls

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Speedi
Wings & Wheels

Editorial

Welcome to the December 2020 / January 2021 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 a look back at the Spruce Creek Toy Parade from 2013 - Plus much more . . .

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

Blue Sky's and Safe Flying.

The Speedi Team

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

The EcoPulse™ distributed propulsion hybrid aircraft demonstrator – which is being developed by Daher, Safran and Airbus with the support of France's CORAC civil aviation research council – has successfully passed its Preliminary Design Review as a first key step toward validating the project's feasibility and firming up the architecture for a first flight scheduled in 2022

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Brigadier General Chuck Yeager Has Gone West

The tweet was characteristically short... but spoke volumes, from Mrs. Yeager, @VictoriaYeage11, 'It is w/ profound sorrow, I must tell you that my life love General Chuck Yeager passed just before 9pm ET. An incredible life well lived, America's greatest Pilot, & a legacy of strength, adventure, & patriotism will be remembered forever.'

The first man to break through Mach One, a WWII fighter pilot, and a symbol to millions around the world, Yeager's legend was a remarkable piece of history.

NASA Administrator, Jim Bridenstine noted that, "Today's passing of Gen. Chuck Yeager is a tremendous loss to our nation. Gen. Yeager's pioneering and innovative spirit advanced America's abilities in the sky and set our nation's dreams soaring into the jet age and the space age. He said, 'You don't concentrate on risks. You concentrate on results. No risk is too great to prevent the necessary job from getting done.'

"Among many firsts in more than 60 years in aviation, Chuck was the first man to fly at the speed of sound, and his achievements rival any of our greatest firsts in space. Not content to rest on his laurels, he went on to break his own record and travel at Mach 2.44. But even before that he was serving his country heroically in World War II. Long after he became a legend in his own time, he continued to serve his country through the military and later in his ongoing work to test new aircraft.



"Chuck's bravery and accomplishments are a testament to the enduring strength that made him a true American original, and NASA's Aeronautics work owes much to his brilliant contributions to aerospace science. As a young naval aviator, I was one of many around the world who looked up to Chuck Yeager and his amazing feats as a test pilot. His path blazed a trail for anyone who wanted to push the limits of human potential, and his achievements will guide us for generations to come."

EAA is mourning the death of Brig. Gen. Chuck Yeager, one of America's preeminent aviators who also supported EAA in a variety of ways over a 30-year period. Yeager died on December 7, 2020, in California at age 97.

Gen. Yeager, EAA Lifetime 258188, was best known as the first man to fly faster than the speed of sound when he flew the Bell X-1 at Mach 1 in October 1947. He also had a decorated military career as an Army Air Forces ace in World War II and flew combat missions in the Korean and Vietnam Wars prior to retiring from the military in 1975.

To EAA members, however, Yeager's influence was most noticeable in two areas: As the second chairman of EAA's Young Eagles program for a decade, and for his regular appearances at EAA AirVenture Oshkosh over a 30-year period.

"Chuck Yeager's aviation accomplishments are well documented and legendary," said Jack J. Pelton, EAA's CEO and Chairman of the Board. "His personal support of EAA and its programs helped take them to new levels, and thousands of people had the opportunity to meet and hear him when he was at Oshkosh. We will remember Gen. Yeager for those generous commitments of his time to EAA, along with his immortal aviation achievements."

Yeager became the second chairman of the Young Eagles program in 1994, succeeding the late Cliff Robertson. Yeager was an active chairman, regularly flying Young Eagles including at Oshkosh. He also used his visibility to promote Young Eagles and youth involvement in aviation. He personally flew more than 250 Young Eagles during his time as the program's chairman. He also flew the 1 millionth Young Eagle, Illinois resident Andrew Grant, on an honorary flight in early 2004 as a tribute to the volunteers who reached the goal of flying 1 million Young Eagles by the centennial of powered flight commemorated at EAA's Countdown to Kitty Hawk program in North Carolina in December 2003. In September 2004, Yeager turned the chairman reins over to actor and pilot Harrison Ford.

Yeager was also a frequent visitor and presenter at EAA AirVenture Oshkosh, both at Theater in the Woods and in the Warbirds area. One notable presentation was a reunion with his 357th Fighter Group at the 1992 EAA fly-in convention that included Yeager and follow WWII ace Bud Anderson. At Oshkosh he also had the regular opportunity to reunite with his wingman from the 1947 supersonic flight, legendary pilot Bob Hoover.

EAA recognized Yeager's commitment to the organization by presenting him with EAA's highest honor, the Freedom of Flight Award, in 1995.

"Much will be spoken and written of Gen. Yeager's aviation exploits in honor of his passing, and deservedly so," Pelton said. "To us, he was all of that, but we will also remember him as a fellow EAA member who gave greatly of his time and talent to encourage and promote aviation, and motivate his fellow EAA members to join him as well."



Boeing Super Hornet Demonstrates Ski-jump Launch Capability

PATUXENT RIVER, Md., Dec. 21, 2020 – Boeing [NYSE: BA] and the U.S. Navy proved recently that the F/A-18 Super Hornet can operate from a “ski jump” ramp, demonstrating the aircraft’s suitability for India’s aircraft carriers.

The demonstrations, held at Naval Air Station Patuxent River, Maryland, showed that the Super Hornet would do well with the Indian Navy’s Short Takeoff but Arrested Recovery (STOBAR) system and validated earlier simulation studies by Boeing.



“The first successful and safe launch of the F/A-18 Super Hornet from a ski jump begins the validation process to operate effectively from Indian Navy aircraft carriers,” said Ankur Kanaglekar, India Fighter Sales lead for Boeing. “The F/A-18 Block III Super Hornet will not only provide superior war fighting capability to the Indian Navy but also create opportunities for cooperation in naval aviation between the United States and India.”

The Indian Navy is evaluating its fighter options. If it selects the Super Hornet, it would benefit from billions of dollars invested in new technologies by the U.S. Navy and others. Those technologies include advanced networking, longer range through conformal fuel tanks, infrared search and track, and a new advanced cockpit system.

“This milestone further positions the Block III Super Hornet as a versatile next-generation frontline fighter for decades to come,” said Thom Breckenridge, vice president of International Sales for Strike, Surveillance and Mobility with Boeing Defense, Space & Security. “With its proven capabilities, affordable acquisition price, known low documented life-cycle costs and guaranteed delivery schedule, the Block III Super Hornet is ideally suited to meet fighter aircraft requirements of customers in India, North America and Europe.”

The ski jump demonstrations follow the delivery of two Block III flight-test aircraft to the U.S. Navy in June. Boeing is on contract to deliver next-generation Block III capabilities to the U.S. Navy beginning in 2021. The Super Hornet provides the most weapons at range in the U.S. Navy’s fighter inventory, including five times more air-to-ground and twice the air-to-air weapons capacity.

Boeing is the world's largest aerospace company and leading provider of commercial airplanes, defense, space and security systems, and global services. As a top U.S. exporter, the company supports commercial and government customers in more than 150 countries and leverages the talents of a global supplier base. Building on a legacy of aerospace leadership, Boeing continues to lead in technology and innovation, deliver for its customers and invest in its people and future growth.

Boeing’s advanced aircraft and services focus play an important role in mission-readiness for the Indian Air Force and Indian Navy. Boeing is focused on delivering value to Indian customers with advanced technologies and is committed to creating sustainable value in the Indian aerospace sector – developing local suppliers and shaping academic and research collaborations with Indian institutions.

Boeing has strengthened its supply chain with 225 partners in India and a joint venture to manufacture fuselages for Apache helicopters. Annual sourcing from India stands at $1 billion. Boeing currently employs 3,000 people in India, and more than 7,000 people work with its supply chain partners. Boeing’s employee efforts and India countrywide engagement serves communities and citizenship programs to inspire change and make an impact on more than 200,000 lives.

Toulouse, 10 December 2020 – The EcoPulse™ distributed propulsion hybrid aircraft demonstrator – which is being developed by Daher, Safran and Airbus with the support of France’s CORAC civil aviation research council – has successfully passed its Preliminary Design Review as a first key step toward validating the project’s feasibility and firming up the architecture for a first flight scheduled in 2022.

Incorporating a distributed propulsion configuration from Daher, Safran and Airbus, this shared hybrid aircraft project has the goal of helping to transform the aviation sector. EcoPulse™, which was unveiled at the 2019 Paris Air Show, is backed by the French government – with a reaffirmation of support coming in the framework of France’s recovery plan presented last June.

By laying the framework for light aircraft by the end of the decade, it will allow the development of technologies that reduce the environmental footprint of future commercial aircraft, thus contributing to the air transportation sector’s decarbonization objectives by 2050.

After more than one year of development based on a light aircraft platform supplied by Daher, the project has reached a key milestone with the successful completion of its Preliminary Design Review (PDR), which enabled the validation and freezing of the demonstrator’s baseline configuration, as well as confirming the hybrid distributed propulsion system’s level of safety and compatibility with the aircraft.

The project is now entering the assembly and integration phase at Daher, with systems supplied by Safran and Airbus.



Daher to begin the demonstrator’s assembly in 2021

In carrying out its responsibilities for installing components and systems, flight testing, global analysis and airworthiness, Daher has adapted its demonstrator aircraft platform to ensure the integration and compatibility of a hybrid system with distributed propulsion at the necessary safety level.

The Preliminary Design Review’s successful completion enables Daher to begin the demonstrator’s assembly phase at its Tarbes, France site, where the initial components were designed and delivered. The start of final assembly is planned for late 2021, with the first flight scheduled to take place in 2022.

Pascal Laguerre, Daher’s Chief Technology Officer, explained: “With this demonstrator, Daher intends to develop the key architectural principles for future hybrid aircraft. The project reaffirms our commitment, as a general aviation manufacturer with our Kodiak & TBM product lines, to more efficient and eco-responsible aviation. This is reflected by our company’s active participation in numerous ambitious collaborative research projects aimed at decarbonizing air traffic."

The electric thruster configuration is validated by Safran which is responsible for EcoPulse’s distributed hybrid-electric propulsion system, has finalized the technical configuration of its six electric thrusters. They will be fitted with 50 kW ENGINeUS™ electric motors with integrated electronics and patented air cooling, as well as propellers supplied by DUC Hélices. The Safran ENGINeUS™ motor will be submitted for EASA certification – the same type as granted for a turboshaft engine.

Also validated by Safran are the installation interfaces for the propulsion system’s other components, along with the power management system, the turbogenerator and the high-voltage wiring that will supply electrical power to the thrusters. The turbogenerator, which performed its first test bench runs in 2018, will soon undergo additional tests.

The next step for Safran will be its delivery of an initial electric thruster to Airbus for wind tunnel and endurance testing, in preparation for qualification of the thrusters’ use on EcoPulse's first flight.

Remember
ClicK 'a' Pic

TOY PARADE 2020 CANCELLED
HERE'S A LOOK BACK TO 2013


747
CAPTAIN
PAUL
Jetman
HOLMES
American
Red Cross
NATIONAL
BREAST CANCER FOUNDATION
United
Way
HOLMES
747
JETMOBILE
CREATED
FOR THE
GOOD
OF
MANKIND
3
HOLMES
Jetmobile

Remember
Click 'a' Pic

Spruce Creek Street Parade 2020



Remember
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An Astronomical RV 10

Remember
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Remember
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NEWS 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

Here's a link to Spruce Creek Airport (7FL6) web page - click here

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

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

FAX ..... 386/761-7808 AFTER 1700 ..... 386/756-6125 (Security)

VORTAC OMN .....112.6 MHz 165°R/13.9 DME

VORTAC ORL ..... 112.2 MHz 020°R/35.6 DME

FSS St. Petersburg ..... 122.2 MHz

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

INSTR APCH (Rwy 06) ..... GPS (Private, Residence Only)

Runways: ..... 06 / 24 - 4000 ft x 150 ft

CTAF..... 122.725 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 129.925 MHz (forward request to Spruce Creek)

Airport Manager - Jim Stone … . 386 275-1894

In our '*News from the Barn*' section we will be featuring news and photos from Spruce Creek Fly-in, the world's greatest aviation community. With over 1600 homes, and not all of them are hangar homes, and home to over 3000 people, there are over 650 airplanes based at Spruce Creek. But it's not all about aviation at Spruce Creek - there's golf, tennis, motorcycling and much more, as well as a Country Club and the Downwind restaurant right alongside Beech Boulevard - a major taxiway in the center of the airport. EAA Chapter 288 (Daytona Beech) meets at Keith Phillip's hanger on the other major taxiway - Cessna Boulevard. Then there's the Gaggle Flight, which is quite something in its own right. Every Saturday morning (and sometimes on Wednesday too) members of the Gaggle Flight meet at The Big Tree which sits right in the middle of the airport. Upwards of 30 aircraft depart in flights of 3 or 4 (and sometimes more) flying out to breakfast. The arrivals back are usually spectacular, with overhead breaks the norm. Our North America editor, Steve Wood, is part of Goofy Flight - named after his GlaStar which has the special registration N-600FY. Steve even has 'goofy' smoke on his airplane which can 'puff' or be continuous at whim. Everyone has great fun at Spruce Creek Fly-in which perhaps explains why there's a sign inside the main entrance which reads *"Caution - Children And Adults At Play".*





Here's a couple of pics from this years Parade around Spruce Creek.

In this 'News from the Barn' feature we are taking a look back at previous Toy Parades,



2019



2018


2017
SPRUCE CREEK
FLY-IN
STOP

2016



2015

© Stefan Buntenbach www.spruce-creek.net

2014



2013



Remember
ClicK ‘a’ Pic

NSRA SOUTHEAST STREET ROD NATIONALS - TAMPA

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Remember

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THE BUGATTI BOLIDE IS THE MOST EXTREME HYPER SPORTS CAR OF MODERN TIMES



MOLSHEIM 08 12 2020

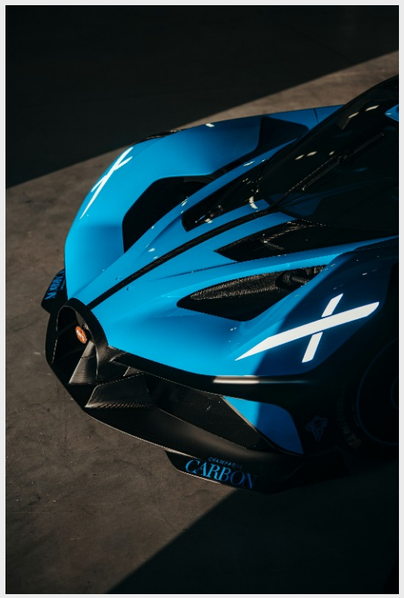
Incomparably fast, light, extreme. With its Bugatti presented a few weeks ago, the French luxury brand is once again pushing the boundaries of what is physically possible. Never before has Bugatti designed such an uncompromising vehicle, focused solely on the race track.

The Bugatti Bolide serves as an experimental design study and a carrier of technological expertise: designers and engineers created and developed the real, drivable concept vehicle in less than one year, using new materials and manufacturing processes that were proven to be reliable with both real and virtual testing laps. They simulated maximum loads, acceleration times and lap times in the virtual environment.

"With the Bolide we have dared to pursue an experiment of extremes. In our history that dates more than 110- years, there has never been a comparable model based on such a minimalist concept conceived solely around the engine," says Stephan Winkelmann, President of Bugatti. "An output of up to 1,850 PS° is combined with a weight of just 1,240 kilograms (The weight specification is based on the theoretically possible dry weight) – giving an unprecedented weight-to-power ratio of only 0.67 kilograms per PS. Driving the Bolide is like riding on a cannonball."

The Bolide is unique in terms of its technical elements, too: Bugatti has created a radically light vehicle around the iconic 8.0-litre W16 engine with an output of 1,850 PS and 1,850 newton-metres of torque. The monocoque chassis is made of light, high-strength carbon fibre, while all screw and connecting components are made of titanium. What is more, hollow, thin-walled functional components made of an aerospace titanium alloy are used at numerous points. In the simulation, the Bolide almost reaches Formula 1 figures with a top speed of well over 500 km/h (When using 110-octane racing petrol; engine with 98-octane petrol at 1,600 PS) – though without sacrificing maximum handling and agility.

The Bolide takes 3:07.1 minutes (simulated figures) to complete a lap of Le Mans and 5:23.1 minutes (simulated figures) to get round the Nüburgring Nordschleife.



For the full story in video format visit the speedistevie youtube channel or click the link below:

https://www.youtube.com/watch?v=bF_hxFGeojU&feature=youtu.be

Bugatti Baby II Arrives in North America

Bugatti and The Little Car Company debut the limited-edition Bugatti Baby II in Southern California

Molsheim / Los Angeles, *23 November 2020*.
Just in time for the holidays, the limited-series Bugatti Baby II has arrived in Southern California. This marks the vehicle's first appearance in North America since Bugatti announced plans to reimagine the original 1926 Baby at the 2019 Geneva International Motor Show. Since its launch, the car has gathered international attention due to its exquisite modern-day engineering coupled with authentic nods to the original Type 35 on which it is based.

As part of the tour, the Bugatti Baby II took to the historic race track at the renowned Willow Springs International Raceway, providing a lucky few the opportunity to drive a 'Blanc' Vitesse specification vehicle in its delimited 'speed key' mode. The Bugatti Baby II will also be on display in Bugatti Newport Beach and Bugatti Beverly Hills showrooms until December.

In partnership with The Little Car Company, Bugatti will produce just 500 of these 75% scale Type 35 vehicles. While a majority of the units have been accounted for, a small amount of the build slots have been reserved for Bugatti customers and will be allocated on a first-come, first-served basis.



The Bugatti Baby II can be enjoyed by multiple generations of collectors and enthusiasts. Each model, built on an electric, rear-wheel drive platform, offers short and long range battery options with a range of up to approximately 31 miles, depending on driving style.

Owners will enjoy the combination of authentic Type 35 handling and modern technological elements, including regenerative braking, adjustable dampers and the famed Bugatti Speed Key, giving drivers the ability to reach the top speed of 42 mph.

The three versions of the Bugatti Baby II include the Base starting at $36,600, the Vitesse at $53,000 and the Pur Sang at $71,400, the latter offering handmade aluminium bodywork.

The Base model is available in French Racing Blue with black leather interior, while the Vitesse and Pur Sang offer a line of vintage colors that pay homage to Bugatti's memorable racing liveries and drivers in history. Also available for these two models is a contemporary palette that features colors offered for the Chiron1, allowing existing customers to match their new Bugatti Baby II to their current vehicle.

Once purchased, Bugatti Baby II owners receive automatic membership to the prestigious Bugatti Owner's Club and The Little Car Club, both offering the chance to drive their Bugatti Baby II on some of the world's most celebrated racing circuits.

For the full story in video format visit the mydreamcarnews youtube channel or click the link below:

https://www.youtube.com/watch?v=YFMvH0-f9OI

Racetrack to road: the new Lamborghini Huracán STO

• The purest concentration of Squadra Corse's motorsports prowess, drawn from Lamborghini Huracán Super Trofeo EVO and GT3 EVO racecars, in a street homologated super sports car

• Unique Lamborghini lightweight solution with superior aerodynamics and race car engineering, creates the most authentic driving feeling, every time

• Power of 640 hp (470 kW), 565 Nm of torque at 6,500 rpm, weight to power ratio of 2.09 kg/hp, acceleration from 0-100km/h in 3.0 seconds, braking 100 km/h-0 in 30.0 meters, 200 km/h-0 in 110.0 meters, with the dynamic pace and handling to deliver lap records

Sant'Agata Bolognese, 18 November 2020 –

Automobili Lamborghini presents the Lamborghini Huracán STO - Super Trofeo Omologata: a road-homologated super sports car inspired by the racing heritage of Lamborghini Squadra Corse's one-make race series with Huracán Super Trofeo EVO, as well as its three-time 24 Hours of Daytona-winning and two-time 12 Hours of Sebring winning Huracán GT3 EVO.

With its V10 naturally aspirated 640 hp (470 kW) power plant producing 565 Nm at 6,500 rpm, the rear-wheel drive Huracán STO delivers exhilarating acceleration of 0-100 km/h in 3.0 seconds, 0-200 km/h in 9.0 seconds and a top speed of 310 km/h. However, its heart beats with the exhilaration and emotion of a racecar. Superior aerodynamic efficiency, extensive use of lightweight materials, unfettered steering and first-class braking performance, ensure the Huracán STO delivers the emotion of a track experience on every road drive.

"The Huracán STO is the purest incarnation of Lamborghini Squadra Corse heritage, directly transferring technologies from the Huracán Super Trofeo EVO and drawing on the Huracán GT3 EVO's unique accomplishment of winning three



consecutive times in the Daytona 24 hours," said Automobili Lamborghini Chairman and CEO, Stefano Domenicali. Maurizio Reggiani, Chief Technical Officer added: "The Huracán STO delivers all the excitement of a beautifully balanced, lightweight and aerodynamically superior super sports car, mirroring the driving feeling and exhilaration of Super Trofeo, and perfectly set up for the world's most demanding tracks but created for the road. The extensive technical solutions and intelligence gained from both our Super Trofeo and GT3 programs has been refined and embodied in the Huracán STO, allowing the pilot to experience the emotions of a racing driver, daily, in a road-legal Lamborghini super sports car able to take lap records."

Aerodynamic and lightweight superiority in super sports car design

The Huracán STO sports an entirely new exterior design, revising its inimitable Lamborghini profile to optimize airflow. Mitja Borkert, Head of Design, says: "Racing cars are always a strong inspiration for our design. The Huracán STO exquisitely reflects the technology transfer from our successful Huracán race cars, displayed in every aesthetic detail."

For the full story in video format visit the speedistevie youtube channel or click the link below:

https://www.youtube.com/watch?v=sL3Sighl4U8&feature=youtu.be

THE PAGANI HUAYRA TRICOLORE+

A tribute to the 60 years of the Frecce Tricolori, the world's largest aerobatics patrol

* A design that celebrates every detail of the Aermacchi MB-339A P.A.N.

* The application of state-of-the-art composite materials to achieve maximum performance.

* The highest representation of aviation technology applied to a car: from materials to production processes

* Limited to three examples only

* Base price: € 5,500,000 + VAT

San Cesario Sul Panaro, 16 December 2020

On the occasion of the 60th anniversary of the Frecce Tricolori, Pagani Automobili is pleased to present the Pagani Huayra Tricolore. Only three examples will be built as a tribute to the Italian Air Force Aerobatic Team.

The 313th Aerobatic Training Group – the official name of the Italian Air Force Department founded on 1 March 1961 at the Rivolto military base – better known as the National Aerobatic Patrol (Pattuglia Acrobatica Nazionale, P.A.N.) or the Frecce Tricolori, is heir to an all-Italian tradition of collective aerobatics with roots that go all the way back to the 1920s. With their ten Aermacchi MB-339A P.A.N. jets, nine flying in formation and



one solo, the Frecce Tricolori are one of the most famous aerobatic patrols in the world. They have dazzled an international audience of spectators for over half a century with their unparalleled aerobatics, demonstrating the dexterity and skill of which only the best pilots are capable. In fact, the flight of these ten aircraft represents a combination of perfection, discipline and the highest professionalism, the quintessence of group unity but also a sense of beauty. Theirs is a single mission: to display the tricolour of the Italian flag across the skies.

In 2010, Pagani paid tribute to 50 years of such excellence by presenting the Zonda Tricolore, a Hypercar of which only three examples were made. Today it is one of the most exclusive and sought-after Zonda models in circulation. In 2020, the Frecce Tricolori reach their 60th anniversary and Pagani is about to celebrate this new milestone by adding another piece to a mosaic created from passion, tradition and the spirit of collaboration.

"In a year, 2020, which has put our country to the test like never before, we are proud to be able to celebrate a symbol of unity and national pride such as the Frecce Tricolori, a milestone that has emerged from an era of values and passion, and a long period of time in which men and machines were able and had to surpass themselves, day after day. For all of us, the Frecce represent an example of determination, a demonstration of what the strong desire to move forward and overcome obstacles can achieve. We hope that Huayra Tricolore will be a worthy tribute" Horacio Pagani, Founder and Chief Designer of Pagani Automobili.

Created in an ultra-limited edition, the Huayra Tricolore evokes the unmistakable lines of the air patrol's Aermacchi jets and combines, in every detail, aeronautical science and the elegance of form, once again pushing the concept of an ultra high performance car another step forward.

For the full story in video format visit the speedistevie youtube channel or click the link below:

https://www.youtube.com/watch?v=kPUlLst_Auc&feature=youtu.be

Lamborghini SC20: the unique open-top track car by Squadra Corse

- Unique open-top model with V12 engine by Lamborghini Squadra Corse
- Carbon fiber body featuring racing aerodynamics
- Innovative design by Lamborghini Centro Stile

Sant'Agata Bolognese, 16 December 2020 – Lamborghini Squadra Corse presents the SC20, a unique specimen of an open-top track car type-approved for road use. The SC20 is the second one-off engineered by the motorsport department and designed by Centro Stile in Sant'Agata Bolognese: the car was created following the customer's wishes, who was involved in the project from the very first drawings by Lamborghini's designers.

The common goal was to build a unique vehicle, extreme in its design and performance, and able to combine aerodynamic solutions taken from racing Lamborghinis incorporating unprecedented lines and exclusive details. "Two years after the SC18 Alston, the SC20 was a new, intriguing challenge. The chief sources of inspiration were the Diablo VT Roadster, Aventador J, Veneno Roadster and Concept S, and the result is a dramatic combination of creativity and racing attitude," commented Mitja Borkert, Head of Design Lamborghini Centro Stile.

The carbon fiber body was polished and slicked down by hand by the Lamborghini aerodynamic engineers to deliver optimal airflow for both performance and the cockpit's occupants, ensuring comfortable open-air driving even at high speeds. The pronounced front splitter is framed by two fins and the air intakes on the front hood are inspired by those of the Huracán GT3 EVO, while the sculpted body sides reflect the solutions adopted on the Essenza SCV12. The muscular rear is topped by a large carbon fiber wing that can be set in three different positions: Low, Medium and High Load.



The SC20 features exclusive details starting from the body colors on a Bianco Fu (white) base, created for the customer, on which the Blu Cepheus (blue) livery stands out. The same shade is found in the interior, alternating with Nero Cosmus (black) and Bianco Leda (white). The most significant element of the passenger compartment is the visible carbon fiber used for the dashboard cover, rear wall, door panels, center console and steering wheel trim, in addition to the monocoque. Carbon fiber is also used for the shells of the seats upholstered in Alcantara and leather. The door handles on the other hand, are machined from solid aluminum. Lastly, the air vents are created using 3D printing technology at the Sant'Agata Bolognese factory.

Maurizio Reggiani, Chief Technical Officer of Automobili Lamborghini, stated, "The SC20 is a combination of sophisticated engineering, Italian craftsmanship, sportiness and advanced design. It is also an example of applying our V12 engine and carbon fiber to a radical open-top vehicle that unmistakably carries the Lamborghini DNA."

Its engine is based on Lamborghini's flagship V12: the 6,498 cm3 aspirated twelve-cylinder that delivers 770 CV at 8,500 rpm and develops 720 Nm of torque at 6,750 rpm. It is managed through the optimized seven-speed Independent Shifting Rod (ISR) gearbox. The power is discharged to the ground by the four-wheel drive system with central electronic differential, and the Pirelli PZero Corsa tires are mounted on single-nut aluminum rims, 20 inches in front and 21 inches at the rear.

Giorgio Sanna, Head of Lamborghini Motorsport, commented, "The SC20 is one more technical and styling exercise that associates Squadra Corse experience with Lamborghini design, masterfully interpreted by our Centro Stile based on the customer's wishes, which was the focus of the project during the entire vehicle development and construction process."

For the full story in video format visit the speedistevie youtube channel or click the link below:

https://www.youtube.com/watch?v=KyW9lAOI474



Paddy Hopkirk MBE takes delivery of new Limited Edition MINI, named in his honour.

15.12.2020 Press Release

Northern Irish rally driver Patrick 'Paddy' Hopkirk MBE is among the first of just 100 customers in the UK to receive the MINI Paddy Hopkirk Limited Edition, named in his honour to commemorate his triumph at the 1964 Monte Carlo Rally in the classic Morris Mini Cooper S Mk1.

When asked what the special edition means to him Paddy said, "I'm so flattered to have a MINI named in my honour. Motorsport is long behind me now and for my win at the Monte Carlo Rally to be remembered in this way is a great thrill and honour. The designers at MINI have done a wonderful job. They've got a lot of the features on it just like the classic Mini I took to victory, with the number 37, the bonnet stripe and the colours – it reminds me of my very lucky days and wonderful memories."

The Paddy Hopkirk Limited Edition is based on the MINI Cooper S 3-Door Hatch and available with automatic or manual transmission. The engine delivers 178hp and 280Nm torque, reaching 0-62mph in just 6.7 seconds (6.8 manual).

Patrick 'Paddy' Hopkirk clinched the first victory behind the wheel of the classic Mini Cooper S number 37 at the Rally in 1964. Driving the small British car with his English co-pilot Henry Liddon, Hopkirk overcame the odds against competitors with significantly greater engine power.

Reminiscing about the Monte Carlo Rally and his win, Paddy added "Everybody wanted to win the Monte Carlo Rally, it was a very glamorous event, so when I joined the British Motor Corporation and the Mini came along it surprised the world. It became a David and Goliath with the might of the other car manufacturers spending a fortune to try and win the event. We were beaten by the big American cars down the straights, but we would beat them on the twisty bits! For the Mini to win against really powerful cars, showed just how good it was - it made the car famous."

PADDY HOPKIRK

GENTLEMAN, LEGEND IN THE CLASSIC MINI AND FIFTH BEATLE.

His tour-de-force at the Monte Carlo Rally in 1964 transformed the racing driver from Northern Ireland into the United Kingdom's most illustrious rally driver and propelled the classic Mini to the status of motor-sport icon. Driving fun typical of the brand is still the passion of the racing driver, now 87 years old. And he continues to relish the challenge of winding country roads.

In 1964, the Monte Carlo Rally was still a genuine adventure for all the competing racing drivers and the spectacle was broadcast live on television. This was the era when automobile manufacturers all over the world discovered rally sport as the perfect stage for presenting their models. And consequently, vehicles from different weight and performance classes competed against each other with a handicap formula providing appropriate compensation when allocating points. When Hopkirk, now 87 years old, talks about his tour-de-force driving the classic Mini with start number 37, the fascination of classic motor sport immediately comes alive.

For the full story in video format visit the speedistvie youtube channel or click the link below:

https://www.youtube.com/watch?v=sIlZBzzCXp0&feature=youtu.be

GONE CRUISIN'

Gary's Hot Rods & Cruisers







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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/


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