

Speedi

Wings & Wheels

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October / November 2018

Issue No: 40

News

Events

Features

Show Reports

Reviews



RENO AIR RACES - PART 2



162 PAGES OF ACTION

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84 PAGE RENO AIR RACE FEATURE

FREE!
Online
Magazine

THIS MONTH:

84 Page Reno Air Race 2018 Special

and Much More

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NASA Image of the Day

Hubble Captures the Ghost of Cassiopeia

Powerful gushers of energy from seething stars can sculpt eerie-looking figures with long, flowing veils of gas and dust. One striking example is "the Ghost of Cassiopeia," officially known as IC 63, located 550 light-years away in the constellation Cassiopeia the Queen.

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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 2018 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 Reno Air Races 2018 - with a massive 84 page report - 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*

7 Reno Air Races 2018 - 84 pages

Speedi

Wings & Wheels

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Delta Air Lines takes delivery of its first Airbus A220

26 October 2018, Mirabel, Canada

Becomes first airline in North America to receive A220

Airbus welcomed Delta Air Lines as the first U.S. carrier to take delivery of the Airbus A220 aircraft. On hand for the delivery ceremony at the aircraft's assembly line in Mirabel were members of the A220 team as well as government officials and executives from Delta, Airbus, Bombardier and Investissement Quebec.

"It is with great pride that we take delivery of our first, state-of-the-art A220-100," said Delta Chief Executive Ed Bastian. "We have big plans for our A220 fleet and are confident that Delta customers and Delta people alike will be delighted with the in-flight experience provided by this thoroughly modern and efficient aircraft. We value our longstanding partnerships with Airbus and Bombardier and are grateful for the great design and manufacturing work done by the team here in Mirabel."

Delta's A220 will enter service in early 2019, making Delta the fourth global airline to operate the aircraft previously known as the Bombardier C Series. The C Series Aircraft Limited Partnership (CSALP) welcomed Airbus as lead partner earlier this year, prompting the change of name to the Airbus A220. Delta is the largest A220-



100 customer, with a firm order for 75 aircraft.

Guillaume Faury, President of Airbus' commercial aircraft business, said, "We at Airbus are dedicated to providing our customers the right products for a marketplace that needs modern, efficient and passenger-friendly aircraft – and the remarkable A220 certainly delivers. When a great airline like Delta puts a new aircraft into service as a platform for their outstanding passenger service, the entire industry takes note. The A220 team is gratified by the confidence that the Delta family has placed in this excellent, Canadian-born aircraft."

The A220-100 delivers unbeatable fuel efficiency. It brings together state-of-the-art aerodynamics, advanced materials and Pratt & Whitney's latest-generation PW1500G geared turbofan engines to offer at least 20 percent lower

fuel burn per seat compared to previous generation aircraft.

With an order book of over 400 aircraft to date, the A220 has all the credentials to win the lion's share of the 100- to 150-seat aircraft market, estimated to represent at least 7,000 aircraft over the next 20 years.

As of the end of September, Delta was operating a fleet of 235 Airbus aircraft, including 182 A320 Family members, as well as 42 A330s and 11 A350 XWB, or eXtra Wide Body aircraft. The airline has more than 275 additional Airbus aircraft on order. Next year, Delta will become the first U.S. airline to operate the new Airbus A330neo.

Boeing Opens New Aircraft Parts Factory in Sheffield, UK

SHEFFIELD, United Kingdom, October 25, 2018 – Boeing [NYSE: BA] today welcomed guests from industry, government, partners, suppliers and the local community to celebrate the opening of its new Fabrication factory in Sheffield. The new factory, the company's first manufacturing site in Europe, makes actuation system components for the 737 and 767 jets from raw materials sourced in the UK. At full capacity, Boeing Sheffield will produce thousands of parts each month, which will be shipped for assembly in Boeing's Portland plant in Oregon, United States.

"We appreciate all the community support for Boeing's new advanced manufacturing factory in the UK. This is a fabulous example of how we are engaging global talent to provide greater value to our customers," said Jenette Ramos, Boeing senior vice president of Manufacturing, Supply Chain and Operations. "In Boeing Sheffield, we are building on longstanding relationships and the region's manufacturing expertise to enhance our production system and continue to connect, protect, explore and inspire aerospace innovation."

Boeing Sheffield manufactures more than 100 different high-tech actuation components for the 737 and 767 wing trailing edge. Actuation systems move the flaps at the back of the wing to provide extra lift at low speeds during takeoff and landing. The 6,200-

square-metre facility represents a Boeing investment of more than £40 million, placing the world's largest aerospace company at the heart of Sheffield City Region's growing Global Innovation Corridor. A total of 52 employees, including experienced mechanics, engineers and more than 20 apprentices, make up the current Boeing Sheffield team.

Secretary of State for Business, Energy and Industrial Strategy Secretary Greg Clark said: "Boeing choosing the heart of South Yorkshire as its first European home is testament to our capabilities, talent pool and strong manufacturing supply chains which are vital to job creation and creating value for local economies.

"We are leading the world in UK aerospace manufacturing and through our modern Industrial Strategy, we, along with industry have committed to invest £3.9 billion in aerospace"

Dan Jarvis, Mayor of the Sheffield City Region, said: "It's excellent news that Boeing has opened its first European factory here in the Sheffield City Region. Boeing's choice of location is a strong sign of confidence in our advanced engineering excellence, confidence in our workforce and strong manufacturing heritage, and confidence in the cutting-edge collaborations between university and business that enable us to lead the world.



"Boeing Sheffield will also be a key part of our region's 'Global Innovation Corridor', creating a connected set of research and business interactions based on the advanced manufacturing and engineering strengths we have here in the region, and linking people, places and ideas. The opportunities for our communities, for businesses, for researchers and for the workforce of the future are limitless.

"This opening of this new facility is hugely significant for South Yorkshire, the wider Northern Powerhouse, and indeed for the UK."

Cllr Julie Dore, Leader of Sheffield City Council said: "Boeing Sheffield adds to some of the globally leading names that are part of the AMRC and we have worked in partnership with Rotherham Council and the University of Sheffield for many years to develop our region's Advanced Manufacturing Innovation District. We are committed to strengthening these partnerships moving forward to ensure we do what needs to be done to deliver on a scale where advanced manufacturing creates the high skill high wage manufacturing jobs in the numbers that will provide a strong base for our economy.



Airbus and China Airlines present A350-900 with special joint livery

22 October 2018

Taiwan's China Airlines (CAL) has taken delivery of its newest A350-900 aircraft, which features a unique joint livery that combines the airline's distinctive plum blossom logo with Airbus' exclusive A350 XWB carbon fibre pattern.

Following this delivery, China Airlines today has 14 A350-900 aircraft in its fleet. The airline operates these aircraft on non-stop long-haul routes, including services

from Taipei to Europe and North America as well as on selected routes in the Asia-Pacific region.

Since entry into service in 2015, the A350 XWB has established itself as the new long-range leader in the larger twin aisle category. Over 200 aircraft are already in service with 22 airlines, flying primarily on long-haul routes.

At the end of September 2018, Airbus had recorded a total of 890 firm orders for the A350 XWB from 46 customers worldwide, already making it one of the most successful widebody aircraft programmes ever.

Innovations introduced with the A350 XWB Family include the latest aerodynamic design, carbon fibre fuselage and wings, plus new fuel-efficient Rolls-Royce engines. Together, these features translate into unrivalled levels of operational efficiency, with a 25 percent reduction in fuel consumption, compared with older generation aircraft of the same size, as well as significantly lower maintenance costs.

Boeing Delivers First 787-9 Dreamliner to Juneyao Airlines

SEATTLE, Oct. 19, 2018

Boeing [NYSE: BA] delivered the first 787-9 Dreamliner for Shanghai-based Juneyao Airlines. The new, super-efficient Dreamliner will also be the first widebody commercial jet operated by a privately-held Chinese airline.

"This delivery is our airline's biggest milestone and marks a big step toward expanding our network in China and beyond," said Wang Junjin, Chairman, Juneyao Airlines. "As the market-leading widebody model, the 787-9 Dreamliner will play a key role in our global business growth."

Juneyao Airlines, previously an all-Airbus operator, mainly offers flights from Shanghai to more than 50 cities across China. In introducing the long-range 787 Dreamliner, the carrier is looking to expand its international network and increase flights to Southeast Asia, Japan and Korea.

The 787-9 is part of a family of three airplanes that offer long ranges and unmatched fuel efficiency in the 200 to 350 seat market.

The 787-9 can carry 290 passengers and fly up to 7,635 nautical miles (14,140 km), while reducing fuel use and emissions by 20 to 25 percent compared to older airplanes. Passengers will appreciate a more comfortable flight thanks to the Dreamliner's large windows, lower cabin altitude, smooth-ride technology, and other amenities.

"We are delighted to welcome Juneyao to the growing 787 Dreamliner family. We are confident that the Dreamliner's fuel efficiency, range and passenger-pleasing features will power the next stage of Juneyao Airlines' expansion," said Ihssane Mounir, senior vice president of Commercial Sales & Marketing at The Boeing Company. "This delivery marks the first of 10 787-9 Dreamliners for Juneyao and their emergence as an international carrier."

To ensure a smooth introduction of the Dreamliner, Juneyao Airlines will use Boeing Global Services' pilot training. The airline will also employ electronic flight bag in the flight deck to improve operational efficiency. On other aircraft, Juneyao uses Boeing's tailored charting services and flight planning solutions.

The 787 Dreamliner is the fastest-selling widebody jet in history with nearly 1,400 orders since its launch. More than 700 of those Dreamliners have entered service around the world, helping airlines open 210 new, non-stop routes and saving more than 28 billion pounds of fuel.



Photos for this feature:

Jim (Flybum) Pratt - pages 7 through 48

Tim Sowell - pages 49 through 90

84 Page Reno Feature



Reno National Championship Air Races 2018

The Reno National Championship Air Races were held at Stead Airport on September 12 – 16 2018. It is considered the fastest motor sport race in the world, featuring Formula One, Biplane, Sport Aircraft (kit built), Jets, T-6, and Unlimited (warbird) aircraft. Race speeds range from just below 200 mph to over 500 mph. The race course size and shape varies depending on the race class. The largest course is over 9 miles per lap for the fastest aircraft. Shuttle buses are provided from downtown Reno to the races. More information can be found at www.airrace.org.

The featured performer at this year's race was the Patriot Jet Team, a privately owned team. The pilot's are mainly former Blue Angel and Thunderbird pilots and they put on a show that is equally as exciting as the

military teams. They fly the L-39 Albatross jets. The USAF Viper Demonstration Team, flying F-16 Vipers, also performed and participated in the Heritage Flight with a P-51 Mustang.

“Screamin’ Sasquatch Jet Waco from John Klatt Air Shows amazed the crowd. This 1930s vintage Waco biplane performs what I consider an unnatural act. You see, in addition to its normal radial engine, it has a jet engine slung under its belly to give it extra “unnatural” power. It climbs like a rocket and roars like a lion. It does things that a biplane should not be able to do. Ever see a biplane go straight up and continue to climb like it is headed for the moon?

The Southern California Wing of the Commemorative Air Force provided several show planes including a Navy version of the B-25, F8F-2 Bearcat, F6F Hellcat and a Mitsubishi AM6

Zero. They did some dog fighting and aerobatics.

The Air Combat Command F-16 Viper Demonstration Team performed combat maneuvers with their multi-role fighter, yanking and banking all over the sky. I never get tired of watching this performance. The Air Force also provided other aircraft for ground display including a C-130, C-17, helicopters and F-15 Strike Eagles.

Regarding the featured races, three of the most popular Unlimited Racers did not race this year, much to the consternation of many of the hardcore fans. These were Strega, Voodoo, and Rare Bear. This caused the Unlimited Class to be dominated by Hawker Sea Furies. In fact, Dreadnaught was the winner of the Unlimited Gold. Miss America reappeared on the race scene and placed second in the Unlimited Class. Despite this shortfall, the Unlimited

Races were exciting and still exciting enough to make my calendar for next year.

The following is a list of “Gold Race” winners for your review here: **Jet Class** – American Spirit 486.208 mph, pilot: Rick Vandam, **Unlimited:** Dreadnaught 417.735 mph, pilot: Joel Swager **Sport Class:** One Moment 402.716 mph, pilot: Andrew Findlay, **T-6 Class:** Radial Velocity: 228.612 mph, pilot: John Lohmar **BiPlane:** Phantom 221.721 mph, pilot: Andrew Buehler **Formula One:** Limitless 239.521 mph pilot: Justin Meaders. To see all of the race results go to www.airrace.org.

The weather at Reno at this time of year can be somewhat unpredictable, so when you attend, prepare for

anything. The past few years have been rather uneventful as long as you have a light jacket for early morning. Friday was a windy day with a few sand storms kicking up at the pylons. I have seen years where it has snowed, rained, or got blazingly hot, especially if you are a photographer stationed at the pylons for up to 5 hours at a time. The walk from parking to the grandstands can be lengthy so bring what you need to the stands. If you are prepared, you will have a great time. One of the best air shows of the year.

Vicki Benzing raced again this year first in her LanceAir No 15 and her L-39 Darkstar. Vicki also performs in airshows throughout the country with her Boeing Stearman and her Extra 300 S. She is also a skydiver. She deserves special mention due to her amazing accomplishments.

Jim (Flybum) Pratt



















































































RENO 18 - PART II





















































































SPEEDI'S BLOG

WELCOME TO SPEEDI'S Blog.

Electric power is *the* way to go now with vehicles - from cycles to heavy lorries. Airplanes are not left out of the equation. A year ago a deal was signed by Rolls-Royce with the planemaker Airbus and the eAircraft division of Siemens showing that the mainstream industry was taking electric propulsion for commercial planes seriously.



A British Aerospace 146 commuter aircraft is being adapted to carry two tons of batteries and the world's most powerful flying generator. One of its four engines will be converted to run on electricity.

"A gas turbine is extremely efficient when it is operating optimally," said Mark Cousin, head of flight demonstration at Airbus. "But it is not very efficient in all phases of flight."

During takeoff an aircraft requires double the power that it requires in cruise. If electricity could be used in this phase of the flight, it could dramatically reduce both fuel consumption and noise.

In my home town of Harrogate, Transdev has done a deal with Volvo and ABB for the 'first of a kind' in Britain with a fleet of 8 all electric buses.



Transdev, a multi-national billion Euro bus company, has invested £1.7million in eight new

high-tech electric single deck buses, together with £2.25million of funding granted from the UK Government's Low Emission Bus Scheme.

All this sounds great, but 3 months from when the buses were promoted to the public in a high profile launch on 29 July 2018, they have rarely been used in service. Why, you may ask? Quite simply that the electricity supplier has been unable to provide the necessary power to the charging system in the bus station. Indeed, a generator has now been brought in as a short term measure.

So all the hype has come to naught and whilst I'm sure the buses will be a great success, eventually, the short term impact has been tainted by the inability to supply sufficient energy



to charge the buses.

Clearly there is no way that commercial airliners will be ground charged in the same way as buses. But I'm sure there will be many teething troubles on the long long way to commercial success.

Britain's biggest budget airline, EasyJet, is working with a Los Angeles-based company, Wright Electric, to develop a wholly new commercial all-electric jet by 2027.

"Progress has been made" by EasyJet's US partner Wright Electric toward developing an electric passenger airliner capable of flying up to 270nm (500km), the UK budget carrier has recently declared.

Wright Electric has applied for a patent of a "novel motor design" to power an "EasyJet-sized" electric airliner, says the airline, without providing detail of the architecture being proposed.



EasyJet's route between London and Amsterdam "could become the first electric flyway", according to the company's CEO.

Wright is now working on an electric engine for a nine-seater plane that will fly next year, after success with a two-seater, giving the airline confidence in the future of electric flying.

A number of other high-profile engineering companies are working on developing such an aircraft.

Zunum, backed by Boeing Co, will use an engine turbine from France's Safran SA to power an electric motor for a hybrid plane, while Siemens, as mentioned earlier, has been working on developing electric motors for aircraft in collaboration with Airbus.

Another interesting development is The Lilium Jet "Eagle". The prototype is a two-seat



aircraft intended to fly at a cruising speed of 300 km/h (160 kt) with a payload of 200 kg (440 lb); maximum speed is 400 km/h (240 kt). The aircraft has a maximum takeoff weight of 640 kg (1,410 lb) thus falling into the Light Sport Aircraft category, and so can be operated by a holder of a Sport Pilots License. The proposed 5-seat Lilium Jet has a total of 36 electric fans: 12 on the upper surface of each wing and two rows of three fans on each side of the canard, which is designed to be retracted in cruise flight. Both the canards and the wing fans can tilt beyond 90 degrees for vertical flight.



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

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

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

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

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

AIRPORT SAFETY VIDEO - The airport management recommends that all Spruce Creek Fly-In residents and airport users view this very good airport safety video. Click [Here](#) Airport Info Quick List:

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

FAX 386/761-7808 AFTER 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..... 122.975 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 129.925 MHz (forward request to Spruce Creek)

Airport Manager - Joe Friend; ... 386 872-1430



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".



RECENT PHOTOS FROM SPRUCE CREEK









































ONE-OFF LAND ROVER DEFENDER HITS THE 'DESIGNER STREET' IN SELFRIDGES

- Selfridges Edition Land Rover Defender takes centre stage as London store unveils its new menswear space
- Unique Defender 110 Works V8 Soft Top, complete with branded hood in trademark Selfridges yellow, will be on permanent display in the store
- Shoppers will be able to sit in the one-off model and get a real feel for the iconic British vehicle
- Finished 4x4 took five Land Rover Classic workers just over four days to rebuild on the shop floor after entering the building as a rolling chassis
- New Designer Street Room at the Oxford Street store is now open and home to the Selfridges Edition Land Rover Defender Works V8

Oxford Street, London, UK – 29 October 2018) A unique Land Rover Defender Works V8 is now on permanent display in the new Designer Street Room at Selfridges' flagship department store in London, having been inserted through a first-floor window and reassembled on the menswear floor.

Created as a one-off vehicle, the Selfridges Edition is based on the 405PS Defender Works V8 – 70th Edition and features a number of bespoke elements, including Bronze Green paint, a branded hood in

trademark Selfridges yellow, retro-style seats with custom stitching, and unique Selfridges badging.

Having been craned into the store's first floor as a kit of parts, a team of five Land Rover Classic workers constructed the Defender in full view of the shopping public in just over four days. More than 930 hours of expert craftsmanship have gone into creating this unique vehicle, which started life as a 2016 Defender 110 2.2 TDCi Pick Up at Jaguar Land Classic Works in Coventry almost five months ago.

Everything on this car, from the custom cross-stitched leather to the unique Selfridges hood and Works V8 Conversion, has been created at our state-of-the-art Classic Works facility in Coventry. This may be the most quickly-assembled one-off Defender in the world, but it will be on display at Selfridges in London long enough for customers to enjoy.

TIM HANNIG

JAGUAR LAND ROVER CLASSIC DIRECTOR

Like Land Rover, Selfridges has a rich UK heritage. The famous store was the brainchild of American Harry Gordon Selfridge, who arrived in London in 1906 and opened his first Selfridges store in 1909 at its current site on Oxford Street. This year Land Rover is celebrating its 70th anniversary while Selfridges will celebrate 110 years of trading next year.



In a pioneering moment for both Selfridges and Land Rover, this one-of-a-kind automotive was created especially for the store's new Men's Designer Street Room. The Defender will act as a platform for our art and fashion partners and is a key feature within this dynamic space. We are so excited to have worked on this collaboration together, in an ongoing relationship that will celebrate creativity and design in an unexpected way.

SEBASTIAN MANES

BUYING AND MERCHANDISING DIRECTOR, SELFRIDGES

Key facts about the Selfridges Edition Defender:

Fastest Defender hand-assembled in just over four days

405PS V8 petrol - 237% more powerful than original 2.2 TDCi diesel

11-metre lift by crane to reach first-floor window

Hand-built by a team of five Land Rover Classic workers

25 bespoke parts

Will be seen by an estimated two million Selfridges shoppers this year



ROLLS-ROYCE CELEBRATES 2018 GOODWOOD REVIVAL

Rolls-Royce Motor Cars celebrated the 2018 Goodwood Revival – the 20th anniversary of the event – with a significant presence at the legendary motor circuit. The centrepiece was the March Motor Works, this year set in the swinging '60's. The Works included a period Rolls-Royce showroom, recapturing the sights, sounds and atmosphere of one the marque's glamorous locations during the same period.

Within the showroom, a stunning 1966 Rolls-Royce Silver Cloud III Drophead Coupé by Mulliner Park Ward was displayed. The exquisite

four-seater played a central role in the 1966 British film classic, 'Blow-Up', directed by Michelangelo Antonioni and starring David Hemmings, Vanessa Redgrave, Sarah Miles and internationally renowned 'Super Model', Veruschka. The authentic set featured a promotion for the film, with actors portraying the stars being interviewed on set for a period fashion magazine.

Rolls-Royce was represented on the famous motor circuit itself throughout the event by a handsome 1966 Rolls-Royce Phantom V Touring Limousine (PV 23 design), with a body by coachbuilder James Young. Finished in ivory over black and one of very few made with Hooper rear windows, this splendid touring limousine will form part of the Course Director's entourage.

Invited guests had the opportunity to experience the marque's legendary 'magic carpet ride' for themselves, in period luxury, if only marginally disturbed by the ticking of the original mechanical clock!

An exclusive fleet of contemporary Rolls-Royce motor cars were also evident in the Goodwood area during the Revival weekend with invited VIP guests being conveyed in luxury from the Home of Rolls-Royce, located on the South-Eastern corner of the Goodwood Estate.

BENTLEY INTRODUCES 'ADVANCED CONNECTIVITY': THE WORLD'S FIRST SUPER-FAST, SECURE IN-CAR WIFI

- * Bentley creates luxury automotive office and entertainment space
- * Groundbreaking system provides Bentley customers with the world's first super-fast in-car WiFi connection
- * Unparalleled high-speed connectivity is future-proof with multiple simultaneous services
- * Bentley partners with global communications company, Viasat, to deliver new high-powered in-car WiFi system

(Crewe, 30 October 2018) Bentley is today announcing the launch of Advanced Connectivity – the world's first super-fast, reliable and secure in-car WiFi system.

Bentley customers can now benefit from uninterrupted mobile network coverage while travelling, providing a fully functioning and fully connected executive office on the move.

For example, when using the Bentley Advanced Connectivity WiFi system while traveling at speeds of 110 km/h (70 mph), a passenger is able to access a number

of simultaneous entertainment and business applications – including high-definition video streaming across multiple devices – with uninterrupted service quality.

Bentley customers simply access the Bentley Advanced Connectivity system via a dedicated app on their smart phone.

This new super-fast WiFi service is available in all Bentley models in 2019.

New Executive and Entertainment Experience for Bentley Passengers

Bentley Advanced Connectivity provides a unique, reliable, super-fast connected car service.



Users will benefit from Bentley Skype for Business and significant virtual office applications, such as the ability to access and edit files on the go, hold vital video conferences, conduct multiple meetings and be present for crucial discussions, all in a secure virtual environment.

The super-fast and highly reliable connection also offers customers new, unrivalled levels of in-car

entertainment. Bentley Advanced Connectivity allows online video services to stream content uninterrupted in the car, for a truly luxury viewing experience.

How Bentley Advanced Connectivity Works

Bentley conducted an exhaustive international search to find the perfect partner for its in-car connectivity requirements, and has enlisted global communications company, Viasat, to provide the world's best and most secure in-car technology for its customers.

Bentley Advanced Connectivity is a multi-channel virtual private network (VPN), which can aggregate up to three mobile network operators on one super-fast signal. The connectivity system is placed discreetly inside the Bentley's boot lid, with the router connected to the on-board DC power supply.

The WiFi router links to a broadband connected hub located at a static site. This hub then links the Bentley system to the broadband connection at the host site, for unparalleled connectivity, reliability and security.

Viasat is recognised internationally for having managed 14 million WiFi hotspots; for having operated a managed hotspot network in nearly 30 countries; and for bringing satellite-enabled in-flight WiFi to major commercial and government aircraft worldwide.

Porsche Classic's "Project Gold" heads to new home for EUR 2.7 Million

28 October 2018

After a total of 37 bids and ten minutes, the main prize for Porsche collectors was ready to go: This Saturday saw the "911 Turbo Classic Series" auctioned off at the Porsche Experience Centre Atlanta (USA) as part of the "RM Sotheby's – The Porsche 70th Anniversary Auction 2018" event.

This car – based on an original 993 body shell – was sold for a total price of EUR 2.743.500. The one-off piece created by Porsche Classic is already considered a highly sought-after collectors' item. The net proceeds of EUR 2.589.027 will go directly to the not-for-profit Ferry Porsche Foundation, which was set up this year to mark the brand's anniversary, "70 years of Porsche sports cars". Porsche Classic has also created two "Project Gold"-inspired genuine parts as a special treat for all 993 owners. Porsche customers can opt to upgrade their vehicles with a new aluminium tank cap (available for all 911 models from the years 1980 to 1998) and a black tail pipe.

A total of 51 vehicles went under the hammer during

the auction. The Estimate for the unique 911 Turbo Classic Series was EUR 154.473 equivalent to the retail price for a 911 Turbo S from 1998. The story behind the "Project Gold" model is as unusual as the design itself: Painted in Golden Yellow Metallic, it references the 2018 911 Turbo S Exclusive Series. The black wheels are highlighted by Golden Yellow design accents, while the seats and interior trim are finished in black with Golden Yellow details. The bodyshell features the characteristic side air intakes of the 993 type 911 Turbo S. The 331 kW (450 hp) Classic Series celebrated its world premiere at the Porsche Rennsport Reunion in Laguna Seca (USA) on September 27, 2018.

The net proceeds of EUR 2.589.027 will go directly to the not-for-profit Ferry Porsche Foundation. The foundation – named after the brand's founder, Ferry Porsche – focuses primarily on the homes of its Stuttgart and Leipzig factories. It also supports projects at the brand's

international sites. The foundation supports work in the fields of education, research, sport, culture and social affairs. In the future, the foundation is also planning to focus more on its own range of projects.

Construction of the unique vehicle took approximately one and a half years. The bodyshell was first put through the corrosion protection and painting process applied to today's series-production vehicles. The collector's item was then assembled and tuned by Porsche Classic specialists at the Porsche restoration workshop in Stuttgart. A brand new 3.6-liter twin-turbo flat-six engine developing 450 hp was installed, delivering the performance the vehicle originally had when it was in production. The manual transmission and all-wheel drive were also sourced from the Porsche Classic range of genuine parts. The hand-stamped chassis number follows the last series-production model of the 993 Turbo which rolled off the production line in 1998.



Name chose for exclusive production - Hypercar to be called Mercedes-AMG ONE

Affalterbach. In the run-up to the Paris Motor Show 2018, the performance and sports car brand announces the name of the future hypercar: Mercedes-AMG ONE. The name stands for the highest automotive ambition: to bring Formula 1 hybrid technology to the road. Mercedes-AMG ONE will be the pinnacle of the model portfolio and the absolute top-of-the-line model – as is logically referenced by the One. With intensive testing having been ongoing for months in England on high-performance test stands and race tracks, Mercedes-AMG now presents the latest development status of an outstanding technical feature: the active aerodynamics.

The active aerodynamics, which is currently undergoing wind tunnel testing, features a multi-part, two-stage extendable rear wing for maximum downforce in race mode. Nowhere is better knowledge of aerodynamics to be found than in the top tier – the experts at the high-performance subsidiaries in Affalterbach, Brackley and Brixworth are working across borders on just one goal: to bring racing technology to life in a street-legal vehicle.

Show truck documents the latest development status

Future Mercedes-AMG ONE customers can now obtain comprehensive information on the development progress of the vehicle. In an exclusive, mobile showroom



entitled "The Future of Driving Performance", Mercedes-AMG showcases the latest status of the hypercar, including a chance to sit in the cockpit, along with a demonstration of the individual equipment options. This is made possible by a custom-built trailer with extendable sides.

This creates a mobile customer showroom with vehicle display,

coffee bar, lounge and various information elements, such as touch screen animations, material samples and colour examples. The contents are regularly updated and supplemented. The information on offer is rounded off by video documentations and interviews. The show truck is now available for the first time to Mercedes-AMG ONE customers in the grounds of the Munich Mercedes-Benz branch.



Maserati Levante GTS named "SUV of Texas" and "Full-Size Luxury SUV" by the Texas Auto Writers Association

Modena, October 18, 2018 - At the annual Texas Truck Rodeo, hosted by the Texas Automotive Writers Association (TAWA), the Maserati Levante GTS was named "SUV of Texas" and "Full-Size Luxury SUV".

This year's Rodeo was especially challenging with muddy conditions and wet roads – an environment where the "Maserati of SUVs" particularly excelled. A total of 57 pickups, SUVs, crossovers and commercial vehicles were entered in the competition and 69 TAWA members attended the event. Members cast their votes after two days of on- and off-road vehicle evaluations. Consideration is given to everything from exterior/interior styling and off-road capability to the entrant's overall utility, value and performance.

The Levante GTS is the latest in Maserati innovation: a powerful Twin Turbo V8 on a finely tuned chassis combined with an elegantly restyled exterior and an exclusive interior, deliver the quintessential SUV in terms of outright performance, road handling and sporty pedigree.

The Levante GTS is equipped with one of the most powerful engines ever fitted in a Maserati.

The 3.8-litre Twin Turbo V8 engine is a re-engineered, upgraded version of the power unit fitted in the



flagship Quattroporte GTS, delivering 550hp at 6,250 rpm and 730 Nm peak torque at 2,500 – 5,000 rpm. Like any other petrol Maserati engine, this V8 has been developed by Maserati Powertrain in cooperation with Ferrari and is manufactured in its state-of-the art factory of Maranello. The Levante GTS surges from 0 to 100 km/h in just 4.2 seconds and has a top speed of over 292 km/h.

The adoption of the V8 engine has resulted in kerb weight increased by only 60 kg in comparison to the V6 petrol versions. Given the dramatic power increase – by no less than 120hp compared to the Levante S – the GTS boasts an impressive power ratio of only 3.9 kg/hp.

The chassis of the Levante GTS has been meticulously tuned to handle the higher power output, providing an exhilarating driving experience with no compromise in terms of long distance comfort and active safety.

The Q4 Intelligent All-Wheel-Drive has been designed to deliver a

typical Maserati rear-wheel drive experience and has been updated to suit the requirements of the Levante GTS. In normal driving conditions, the Q4 distributes 100% of the engine's torque to the rear wheels. On slippery or loose road surfaces, or in the event of loss of traction at the rear, the system can alter the front/rear torque split from 0:100% to 50:50% in a matter of 150 milliseconds.

In terms of irresistible looks, the Levante's unmistakable design reaches new levels of sportiness : in the GTS version has adopted the same line, noticeable above all in the restyled lower front fascia and rear bumper, providing a sportier yet sophisticated presence.

Interior designers have come up with elegant ideas to create a distinctive environment within the Levante GTS cabin, providing it with standard Full Premium leather or full-grain Pieno Fiore natural leather as an option, sport pedals and Harman Kardon Audio system with 14 speakers.

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/>































































































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