Speedi
Wings & Wheels

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February / March 2020

Issue No: 48

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190 PAGES FULL OF ACTION

FREE! Online Magazine

THIS MONTH: Reno Air Races 2019 Rolex 24 Hr USS Yorktown and Much More

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NASA Image of the Day

A waxing crescent Moon is pictured as the International Space Station orbited 260 miles above the north African country of Algeria.

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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 February / March 2020 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 Rolex 24 hr race from Daytona Beach, Florida - 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
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Speedi
Wings & Wheels

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New Boeing 777X Completes Successful First Flight

Three hour, 51 minute flight marks new phase for rigorous test program
Largest and most fuel efficient twin-engine commercial jet expected to deliver in 2021

Seattle - Jan 25, 2020



The new Boeing (NYSE: BA) 777X jetliner took to the skies today, entering the next phase of its rigorous test program. Based on the popular 777 and with proven technologies from the 787 Dreamliner, the 777X took off in front of thousands at Paine Field in Everett, Washington, at 10:09 a.m. local time for a three hour, 51 minute flight over Washington state before landing at Seattle's Boeing Field.

"The 777X flew beautifully, and today's testing was very productive," said Capt. Van Chaney, 777/777X chief pilot for Boeing Test & Evaluation. "Thank you to all the teams who made today possible. I can't wait to go fly your airplane again."

Capt. Chaney and Boeing Chief Pilot Craig Bomben worked through a detailed test plan to exercise the airplane's systems and structures while the test team in Seattle monitored the data in real time.

"Our Boeing team has taken the most successful twin-aisle jet of all time and made it even more efficient, more capable and more comfortable for all," said Stan Deal, president and CEO of Boeing Commercial Airplanes. "Today's safe first flight of the 777X is a tribute to the years of hard work and dedication from our teammates, our suppliers and our community partners in Washington state and across the globe."

The first of four dedicated 777-9 flight test airplanes, WH001 will now undergo checks before resuming testing in the coming days. The test fleet, which began ground testing in Everett last year, will endure a comprehensive series of tests and conditions on the ground and in the air over the coming months to demonstrate the safety and reliability of the design.

The newest member of Boeing's market-leading widebody family, the 777X will deliver 10 percent lower fuel use and emissions and 10 percent lower operating costs than the competition through advanced aerodynamics, the latest generation carbon-fiber composite wing and the most advanced commercial engine ever built, GE Aviation's GE9X.

The new 777X also combines the best of the passenger-preferred 777 and 787 Dreamliner cabins with new innovations to deliver the flight experience of the future. Passengers will enjoy a wide, spacious cabin, large overhead bins that close easily for convenient access to their belongings, larger windows for a view from every seat, better cabin altitude and humidity, less noise and a smoother ride.

Boeing expects to deliver the first 777X in 2021. The program has won 340 orders and commitments from leading carriers around the world, including ANA, British Airways, Cathay Pacific Airways, Emirates, Etihad Airways, Lufthansa, Qatar Airways and Singapore Airlines. Since its launch in 2013, the 777X family has outsold the competition nearly 2 to 1.

Imagine Traveling in This Blended Wing Bodied Aircraft

The Airbus MAVERIC is pushing innovative aircraft design to the limits

Singapore, 11 February 2020



Airbus has revealed MAVERIC (Model Aircraft for Validation and Experimentation of Robust Innovative Controls) its “blended wing body”scale model technological demonstrator.

At 2 metres long and 3.2 metres wide, with a surface area of about 2.25m², MAVERIC features a disruptive aircraft design, that has the potential to reduce fuel consumption by up to 20% compared to current single-aisle aircraft. The “blended wing body”configuration also opens up new possibilities for propulsion systems type and integration, as well as a versatile cabin for a totally new on-board passenger experience.

Launched in 2017, MAVERIC first took to the skies in June 2019. Since then the flight-test campaign has been on-going and will continue until the end of Q2 2020.

“Airbus is leveraging emerging technologies to pioneer the future of flight. By testing disruptive aircraft configurations, Airbus is able to evaluate their potential as viable future products,”said Jean-Brice Dumont, EVP Engineering Airbus.

“Although there is no specific time line for entry-into-service, this technological demonstrator could be instrumental in bringing about change in commercial aircraft architectures for an environmentally sustainable future for the aviation industry.”

Airbus is using its core strengths and capabilities of engineering and manufacturing, in close collaboration with an extended innovation ecosystem, to accelerate traditional research and development cycles. By doing this Airbus is able to achieve proof of concepts, at a convincing scale and speed, thereby driving forward maturity and increasing their value.

Through AirbusUpNext, a research programme, Airbus is currently working on a number of demonstrator projects in parallel; E-FAN X (hybrid-electric propulsion), fello’ly (v-shaped “formation”flight) and ATTOL (Autonomous Taxi Take-Off & Landing).

“Initially, many dismissed the MAVERIC project as merely a ‘obby,’or, in other words, a project Airbus wouldn’ learn very much from,”explains Adrien Bérard, MAVERIC Project Co-Leader. “o we had to prove them wrong by showing that we could deliver a very sound basis for future aircraft configuration.”

And the ten-person MAVERIC project team, part of the Flight Lab team within **Airbus UpNext** in Toulouse, did just that. In less than three years, the MAVERIC concept went from a simple sketch to a 3D computer-generated model to an aircraft demonstrator. In June 2019, the remote-controlled demonstrator took to the skies for the first time.

By Steve Wood - Staff Writer

ALL-NEW GULFSTREAM G700 MAKES FIRST FLIGHT

Industry Flagship Commences Flight-Test Program

SAVANNAH, Georgia, February 14, 2020 — Gulfstream Aerospace Corp., a wholly owned subsidiary of General Dynamics, today announced the all-new Gulfstream G700™ made its first flight, demonstrating the program's maturity and officially launching the rigorous flight-test program of the most spacious jet in the industry with the longest range at the fastest speeds.

The G700 departed Savannah/Hilton Head International Airport at 1:19 p.m. and landed 2 hours and 32 minutes later. The aircraft made the flight on a 30/70 blend of sustainable aviation fuel.

"The G700's first flight is a momentous occasion and the next step forward in Gulfstream's vision for the future, a vision that has been guided by the strategic leadership of our parent company, General Dynamics, and the innovation of the Gulfstream team," said Mark Burns president, Gulfstream. "As the market leader, Gulfstream is moving the entire business-jet industry forward with advanced safety features, tomorrow's technology and a cabin purposefully designed to exceed our customers' expectations for comfort."

The G700 was introduced as the new industry flagship in October 2019 with a full-scale cabin mock-up and an aircraft taxiing under its own power. The program includes five already manufactured flight-test aircraft and a structural test article that has completed load testing.

The G700 features the longest, widest and tallest cabin in the industry with 20 Gulfstream panoramic oval windows and up to five living areas. The aircraft introduces many all-new interior differentiators, including an ultragalley with more than 10 feet of counter space and a crew compartment or passenger lounge; the industry's only ultra-high-definition circadian lighting system; speakerless surround sound; and a master suite with shower.



The G700 is powered by Rolls-Royce Pearl 700 engines and refined with Gulfstream-designed aerodynamics and an all-new winglet. The aircraft can fly at its high-speed cruise of Mach 0.90 for 6,400 nautical miles/11,853 kilometers or at its long-range cruise of Mach 0.85 for 7,500 nm/13,890 km. The G700 also includes the Gulfstream Symmetry Flight Deck™ with the industry's only electronically linked active control sidesticks, the most extensive use of touchscreen technology in business aviation and Gulfstream's award-winning Predictive Landing Performance System.

"The G700 brings the best in the business together – the innovation of the G500 and G600 Symmetry Flight Deck and the legendary performance of the G650ER – and we are excited to deliver this exceptional aircraft to our customers," said Burns.

JetBlue Celebrates 20th Birthday, 20 Years of Award-Winning Customer Service and Low Fares

Feb 11, 2020

JetBlue Launches '20 Years Just Flew By' Fare Sale With Seats Starting As Low As $20 One Way in Select Markets

NEW YORK--(BUSINESS WIRE)--JetBlue (NASDAQ: JBLU) today marked its 20th birthday, commemorating its first revenue flight between New York and Fort Lauderdale on February 11, 2000. Twenty years, 470 million customers, and 102 million bags of Terra Blue chips later, JetBlue continues to inspire humanity by combining great service with low fares for customers.

"No one believed that a start-up airline in 2000 could survive 20 months, much less 20 years," said Robin Hayes, chief executive officer, JetBlue. "But JetBlue proved that taking care of people and bringing low fares to the market could not only be a viable business model but could also completely disrupt an industry. Others have tried to imitate JetBlue but no one has ever successfully copied our 23,000 crewmembers and the incredible culture that they've built."

Over two decades, JetBlue established itself as a leader in both value and comfort. With an initial pledge to bring humanity back to air travel, today JetBlue is bringing that same human touch and innovative spirit across the travel industry through the airline and its two subsidiaries – JetBlue Travel Products and JetBlue Technology Ventures. JetBlue has maintained its onboard advantage, with the most legroom in coach (a), complimentary high-speed Fly-Fi broadband on every aircraft (b), free seatback entertainment at every seat, free snacks and soft drinks, and hospitality-trained crewmembers offering award-winning service.

'20 Years Just Flew By' Sale & Celebrations

JetBlue is planning a year-long celebration with its crewmembers and customers as it embarks on its third decade.

The airline is kicking off its "20 Years Just Flew By" fare sale with seats available now starting as low as $20 one-way in select markets (c). Visit jetblue.com to check availability and book.

Customers traveling on JetBlue flight #1 today from New York-JFK to Fort Lauderdale-Hollywood International Airport (FLL) were treated to breakfast treats and surprise gate-side giveaways at JetBlue's home at Terminal 5 at JFK. JetBlue's very first revenue flight operated the New York to Florida route as flight #1 on February 11, 2000.

This morning, Joanna Geraghty, president and chief operating officer, joined founding JetBlue crewmembers to mark the airline's milestone by ringing the opening bell at Nasdaq in Times Square. JetBlue is proud to be New York's Hometown Airline and remains committed to New York City and the entire Empire State.

Saving Customers $12 Billion … And Counting

With its everyday low fares and market-stimulating growth, JetBlue estimates it has saved customers over $12 billion that would otherwise have gone to the four large airlines that hold vast pricing power in the airports they dominate.

"JetBlue's role in the industry is more important than ever," Hayes said. "As the large airlines have consolidated and grown more powerful, and the ultra-low-cost carriers ushered in the no-frills flying, customers are turning to JetBlue for our high-quality service and affordable fares – definitely a unique combination in the industry today."

Its low fares have stimulated demand in underutilized airports from New York to Boston to Fort Lauderdale to Long Beach and across the Caribbean. JetBlue launched operations at John F. Kennedy International Airport – which in 2000 served just 32 million travelers and was ripe for growth. By 2018, more than 61 million travelers passed through JFK thanks to JetBlue and the market stimulation of "the JetBlue effect."



Photos by Gary Rosier


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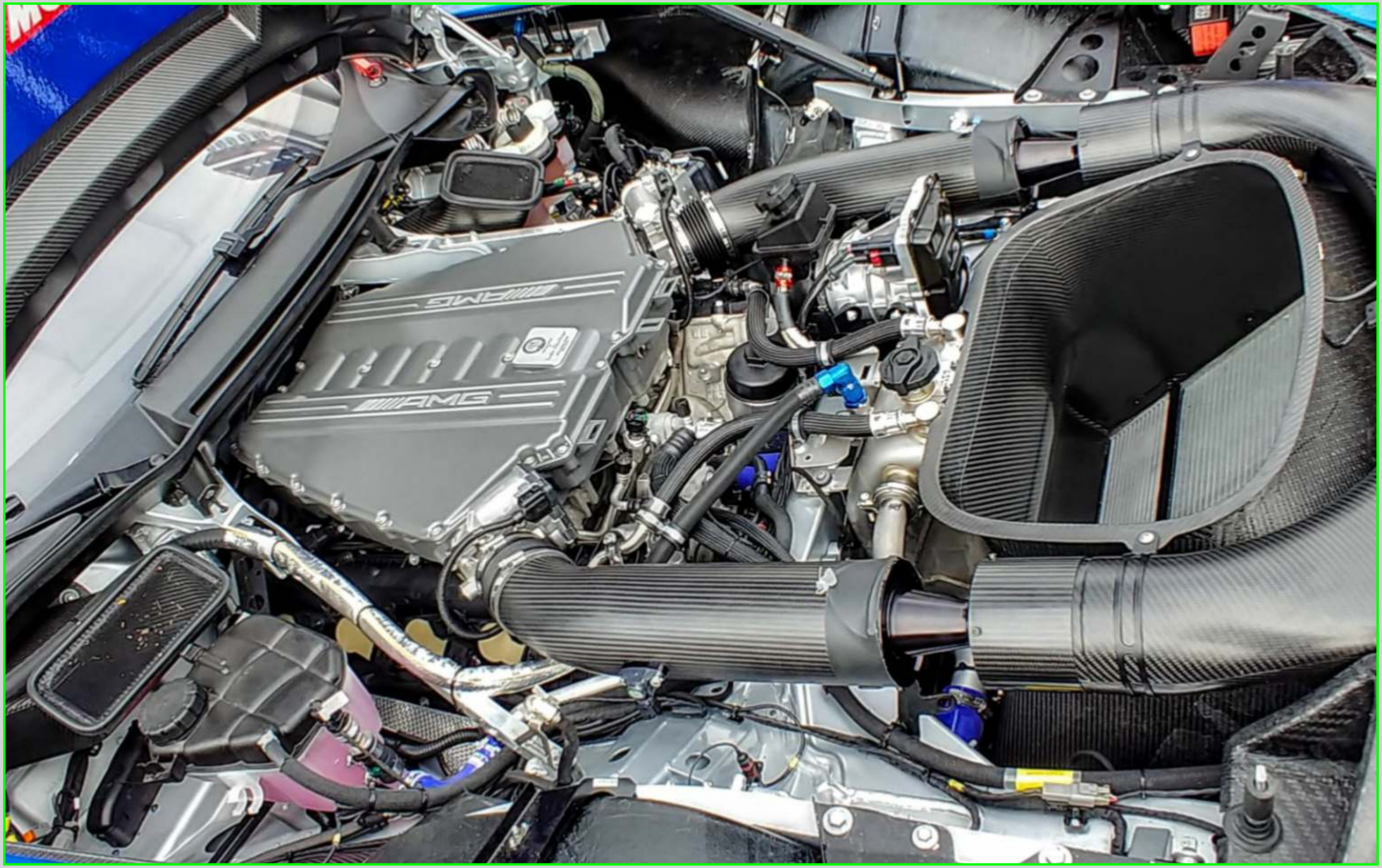

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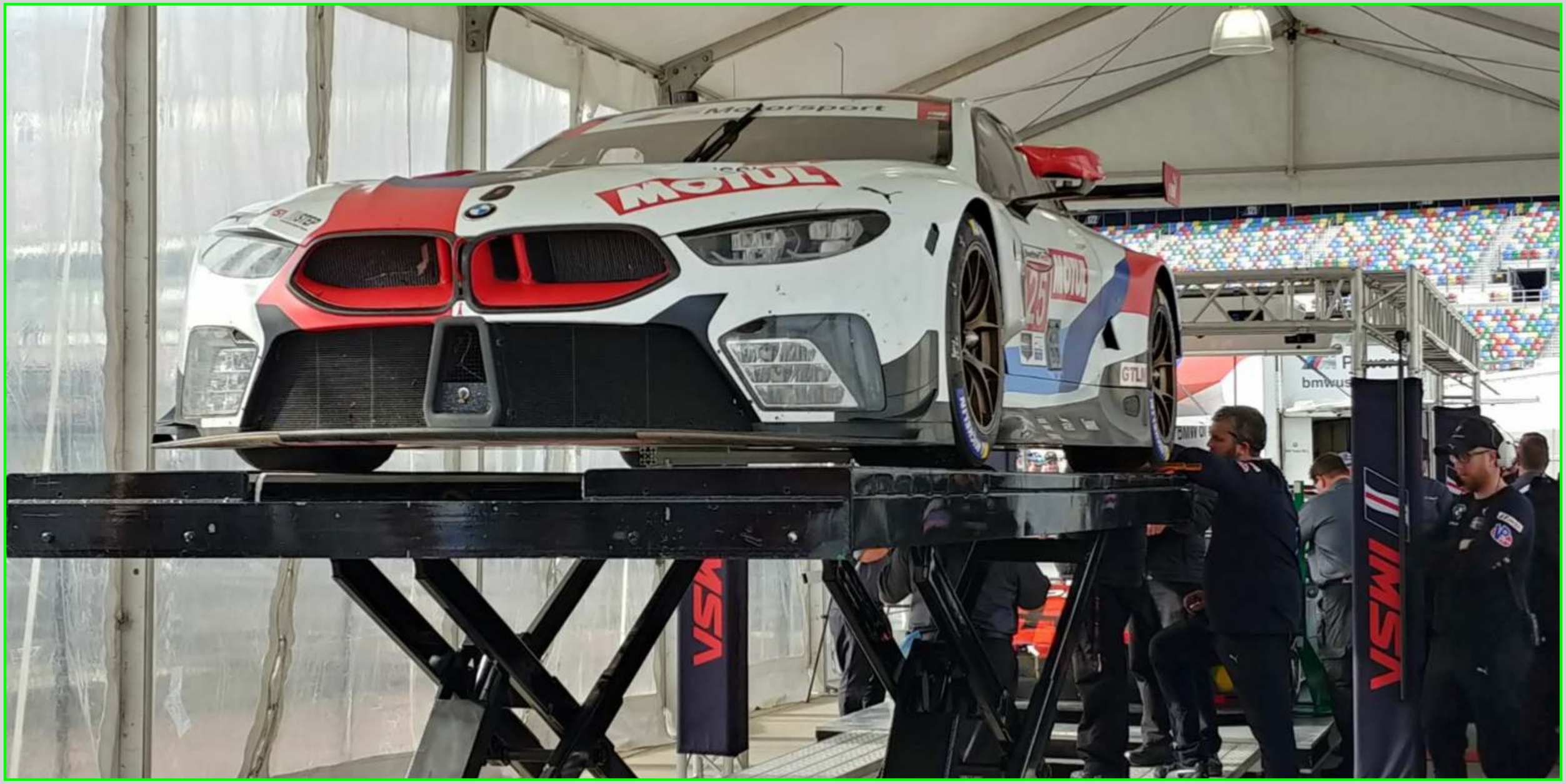

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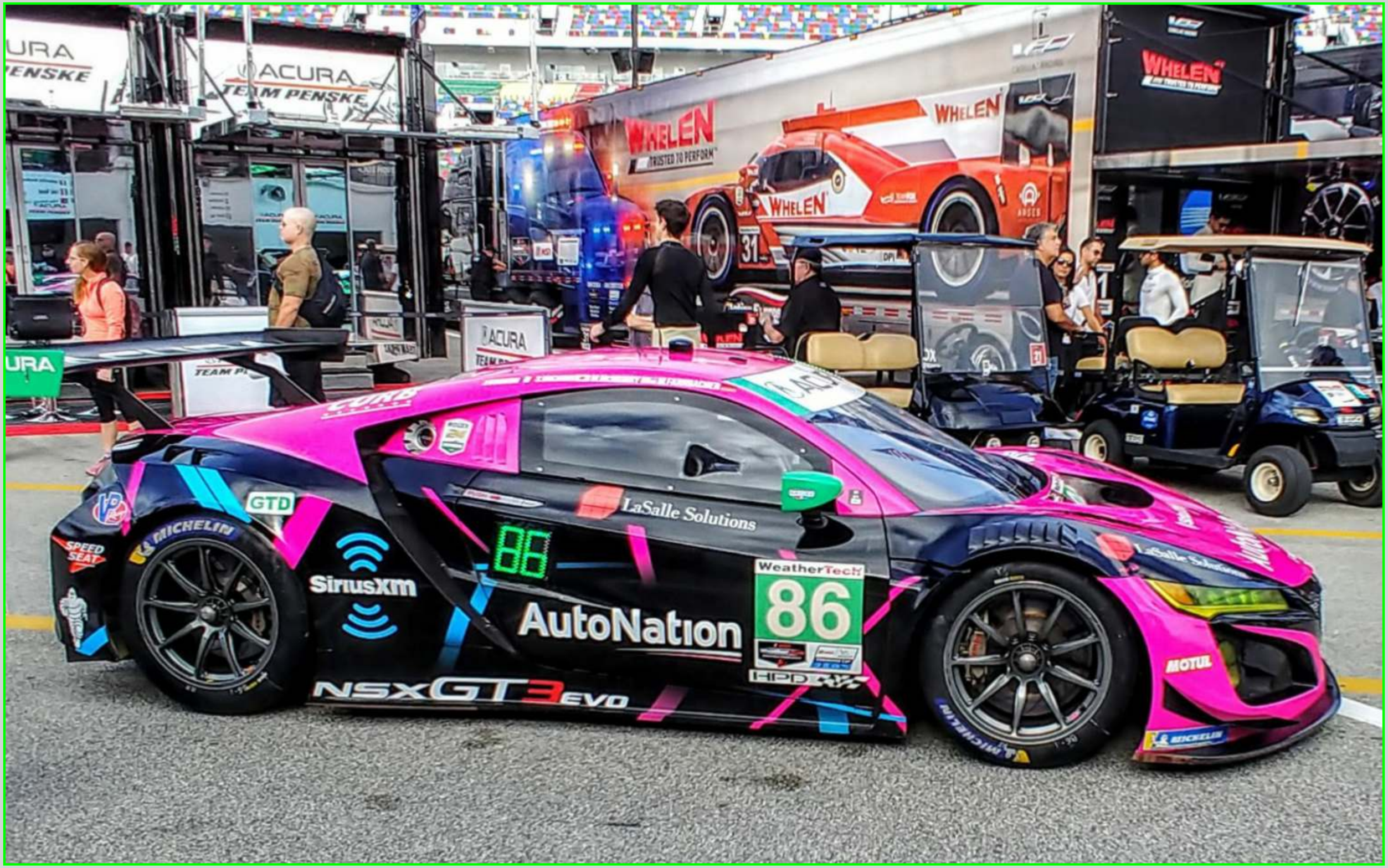

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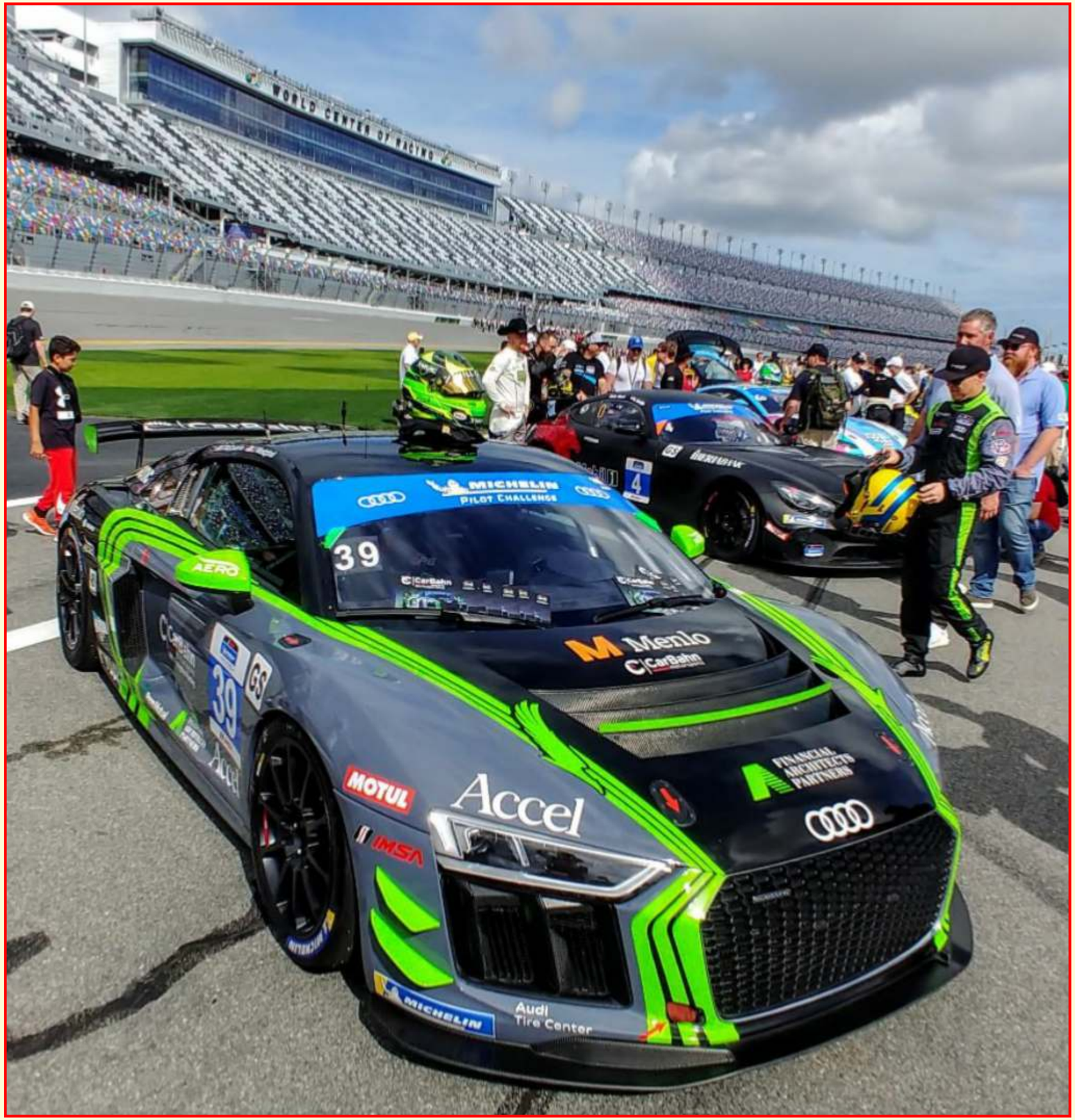

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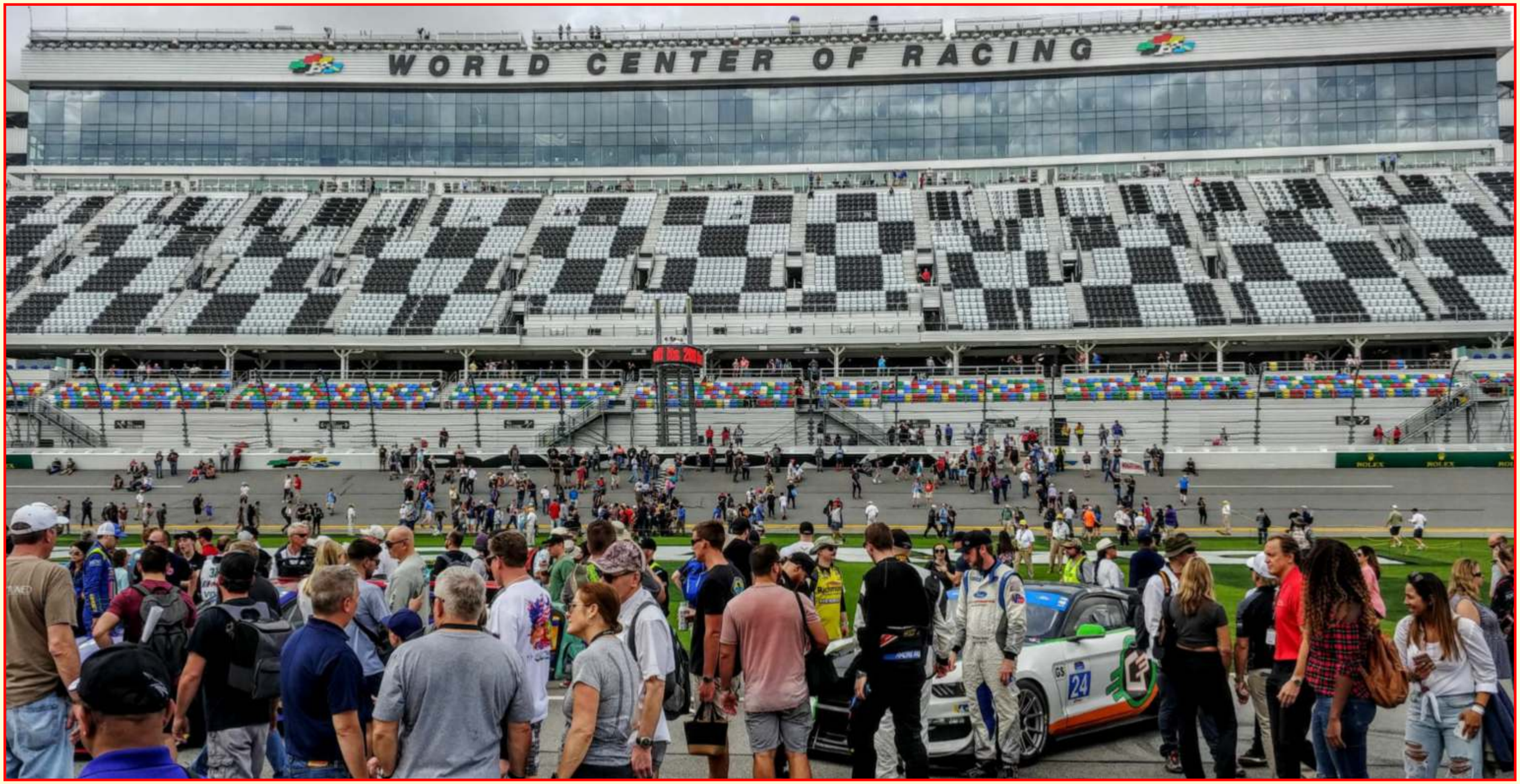

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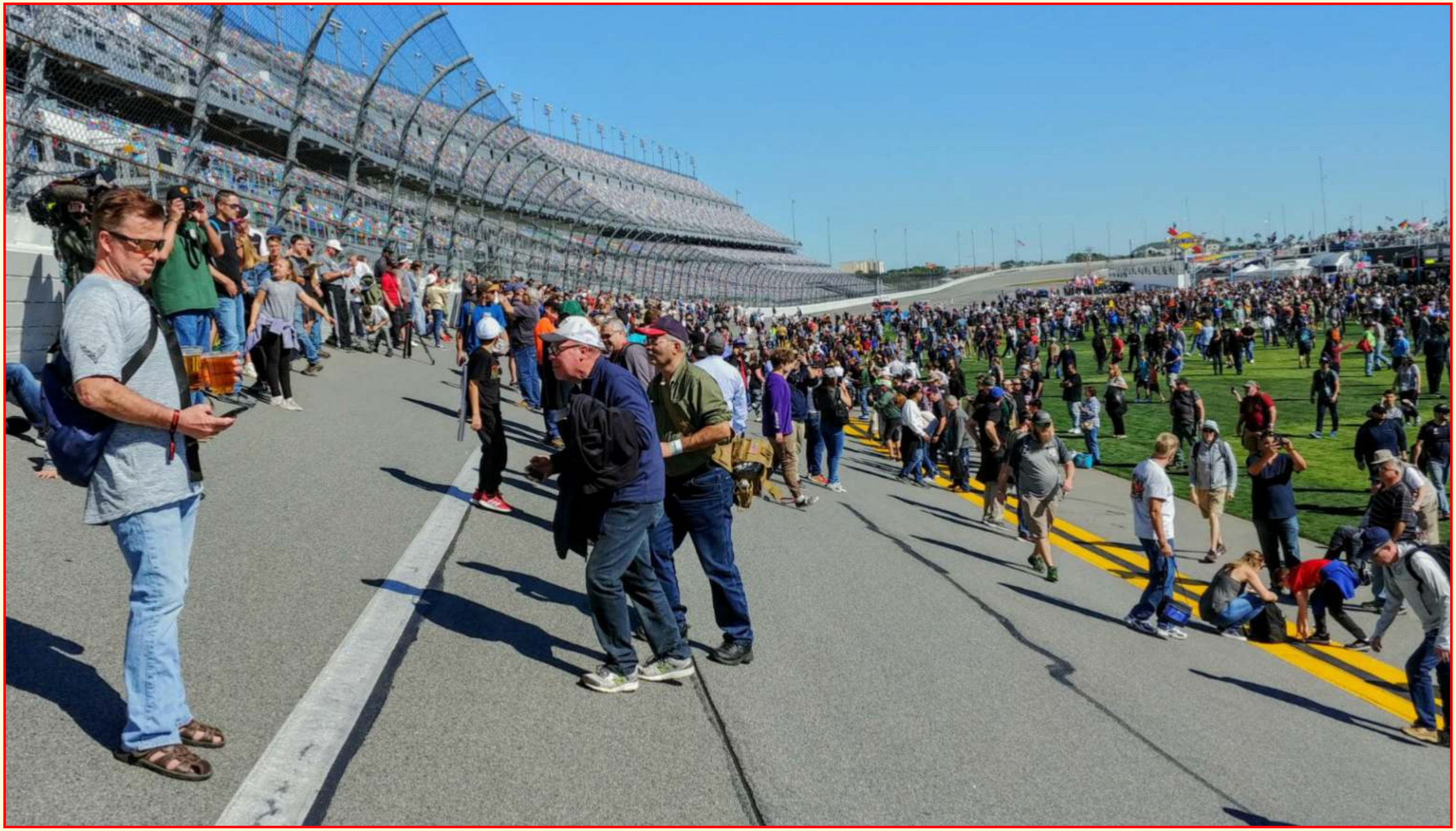

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SPEEDI'S BLOG

Welcome to Speedi's Blog.

Over the past 19 years living at world's largest fly-in community - Spruce Creek Fly-in near Daytona Beach in Florida - I have met some famous and interesting pilots, particularly fighter pilots.



Some years ago the German WWII ace Gunter Rall visited a retired US Air Force fighter pilot living at Spruce Creek. Günther Rall was a highly decorated German military aviator, officer and General, whose military career spanned nearly forty years. Rall was the third most successful fighter pilot in aviation history.

Recently, Air Marshal Sir Ian Macfadyen (or Fadge as he is affectionately known by some of his RAF colleagues) visited Spruce Creek. I had the pleasure of meeting him during two previous visits and of taking him flying in my aircraft 'Goofy'.

Back in 2017 Goofy was the #17 aircraft in a 17 ship formation put together to honor Ian's visit. He spent the whole flight snapping pics of the massive flight as we flew around the area and made passes over the Spruce Creek runway.

The photo below shows the flight of 17 lined up on runway 23 (now 24).





The photo at bottom centre shows the flight in the air.

The photo below shows us ready to break as the last plane in the 3rd element.



Ian has had a long and distinguished career in the Royal Air Force starting as an air cadet and finishing up as a Air Marshal.

On the way he was #3 in the Poachers aerobatic display team flying the venerable Jet Provost.



The photo on the next page at top right shows the team flying over RAF Cranwell where they were based. >>



Ian was also the RAF display pilot for the F-4 Phantom while serving with 43 Squadron.

He later commanded 29 Squadron and became the first pilot to fly a Phantom into the Falkland Islands, where he also commanded 23 Squadron.

The photo below shows his arrival in the Falklands.



In the mid 1980s he was the Station Commander at RAF Leuchars where, at its peak, the station had 66 Phantoms.

Ian retired from the RAF in 1999 and in 2000 was appointed Lieutenant Governor of the Isle of Man.

In 2009 he was appointed Constable and Governor of Windsor Castle. Shortly before his retirement from this post he was knighted by Her Majesty The Queen.

The photo below shows Ian on official duty at Windsor Castle.



But back to Ian's recent visit to Spruce Creek. This time we flew as lead in a flight of 2. Flying #2 was my good friend Larry Traskos in his immaculate Cessna 180.

Half way through the flight I suggested to Ian that he should fly Goofy. He did not hesitate to take the controls and with Larry in-trail Ian showed his skills as a former RAF display pilot.



The photo above shows part on the in-trail sequence as Ian flew a series of 'wing overs' to keep Larry busy.

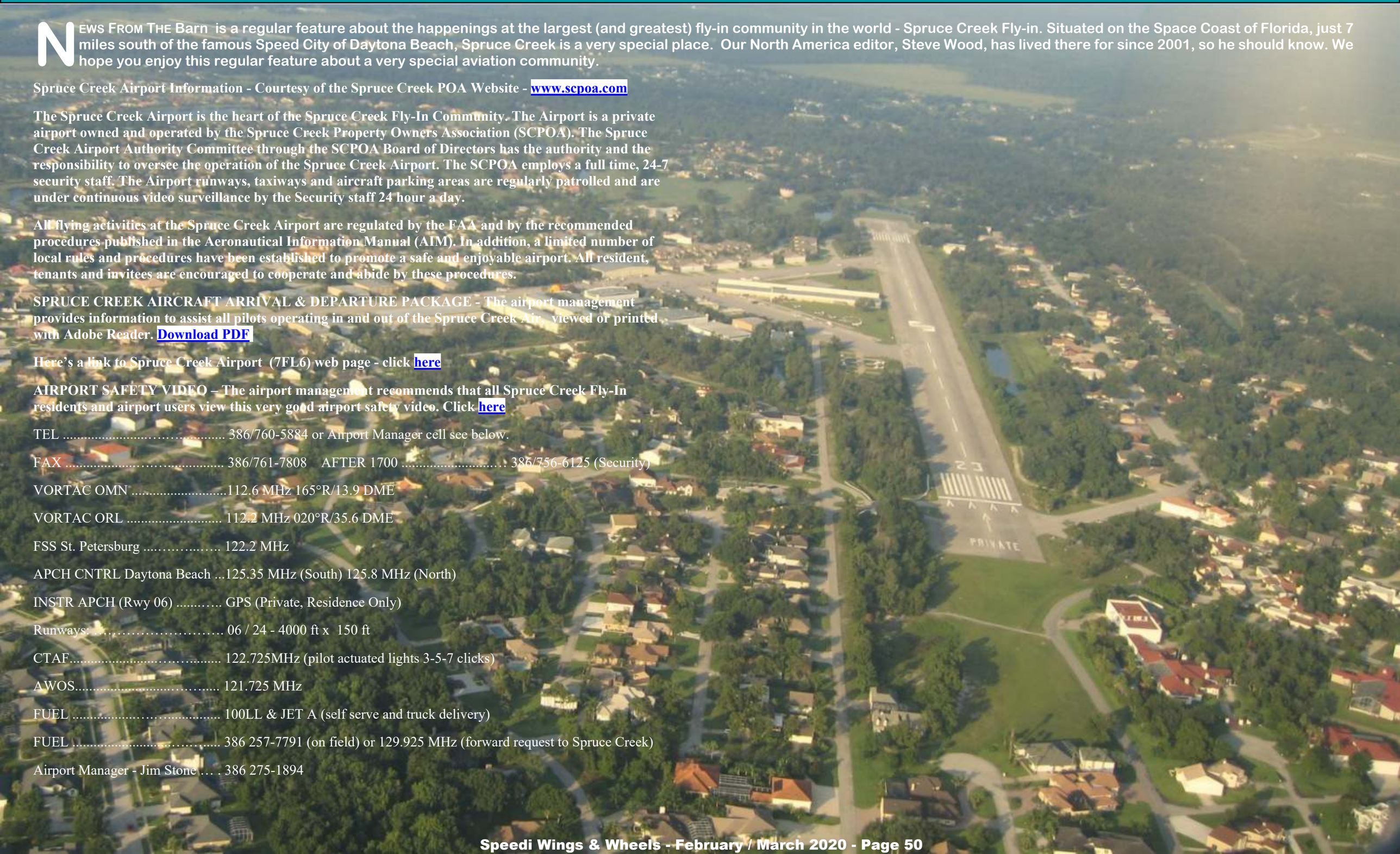
It was then back to Spruce Creek for the 'break'.

Needless to say Ian was just as enthusiastic in the 'break' as he was leading the in-trail - see photo below:



NEWS FROM THE BARN

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



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..... 122.725MHz (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"*.



Bonfire 2020

Photos by Gary Rosier


BREWED IN
BOSTON


N402BW




Diamond Dr














OZARK TRAIL
OZARK TRAIL
OZARK TRAIL


FOOD
SERVED
5 PM
to
7 PM
Fresh Fried
Chicken
HAWAII
50
Count


WINE
BEER
SERVING BEGINS
AT 5 PM
DONATIONS
ACCEPTED



USS YORKTOWN

AN AMERICAN HEROINE – FROM WWII TO VIETNAM

The USS YORKTOWN (CV-10) was the tenth aircraft carrier to serve in the United States Navy. Under construction as BON HOMME RICHARD, this new Essex-class carrier was renamed in honor of YORKTOWN (CV-5) sunk at the epic Battle of Midway (June 1942). Built in an amazing 16 ½ months at Newport News, Virginia, YORKTOWN was commissioned on April 15, 1943. World War II's famous "Fighting Lady" would participate significantly in the Pacific offensive that began in late 1943 and ended with the defeat of Japan in 1945. YORKTOWN received the Presidential Unit Citation and earned 11 battle stars for service in World War II.

In the 1950s, YORKTOWN was modernized to operate jet aircraft as an attack carrier (CVA). In 1957, she was re-designated an anti-submarine aircraft carrier (CVS), and would later earn 5 battle stars for service off Vietnam (1965-68). The ship also recovered the Apollo 8 astronauts and capsule (December 1968). YORKTOWN was decommissioned in 1970 and placed in reserve.

In 1975, this historic ship was towed from Bayonne, NJ to Charleston to become the centerpiece of Patriots Point Naval & Maritime Museum.



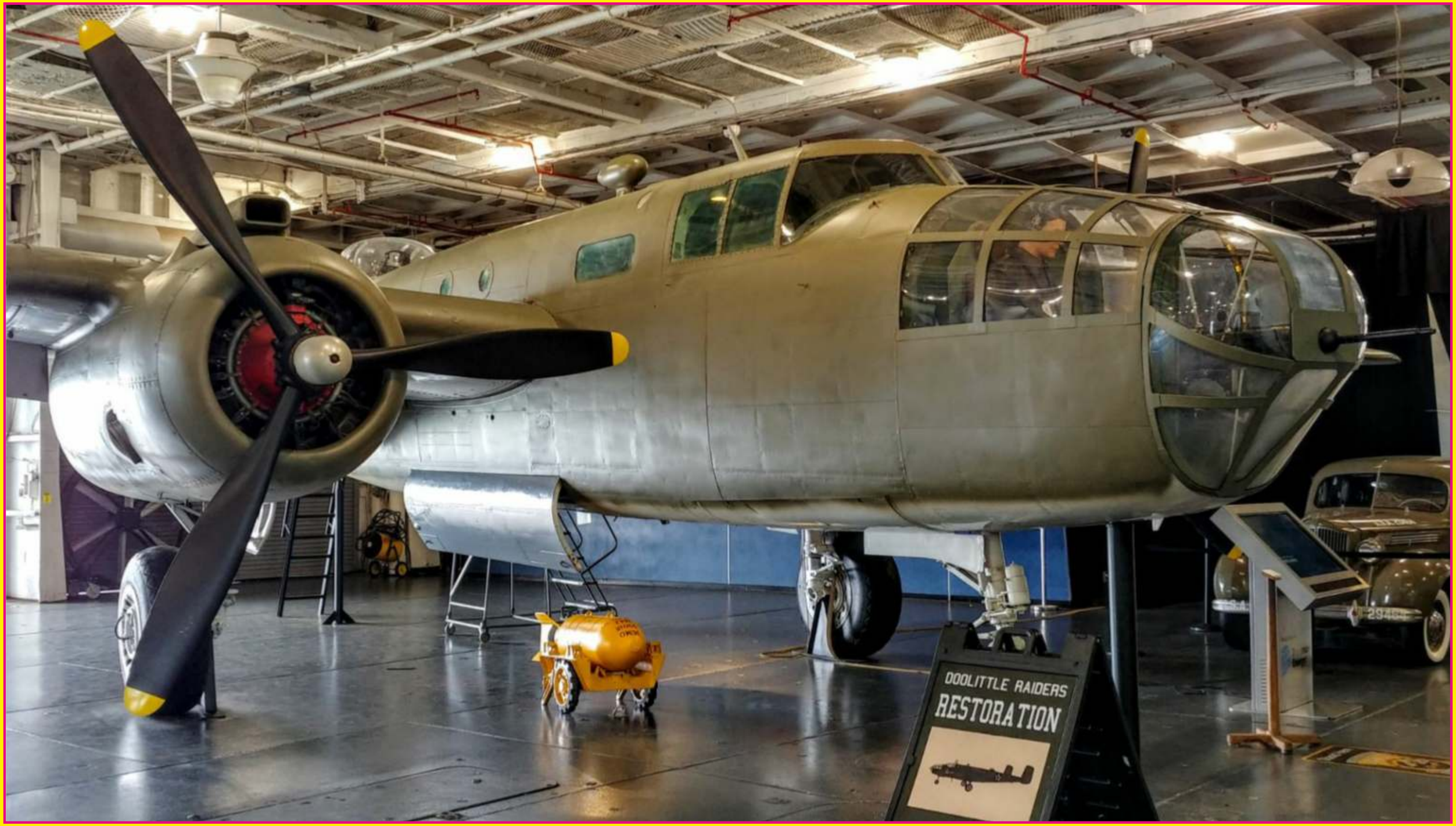
Photos by Gary Rosier


PATRIOTS POINT
★HOME OF THE USS YORKTOWN★
USS YORKTOWN
USS LAFFEY
VIETNAM EXPERIENCE
28 HISTORIC AIRCRAFT
MEDAL OF HONOR MUSEUM
ADMISSION
Adult (12+) - $24
Senior Citizen (62+) - $19
Children (6-11) - $16
Children (5 and under) - FREE
Active Duty Military with ID - $19
Active Duty Military in Uniform - FREE


I PLEDGE
ALLEGIANCE
#USSYORKTOWN



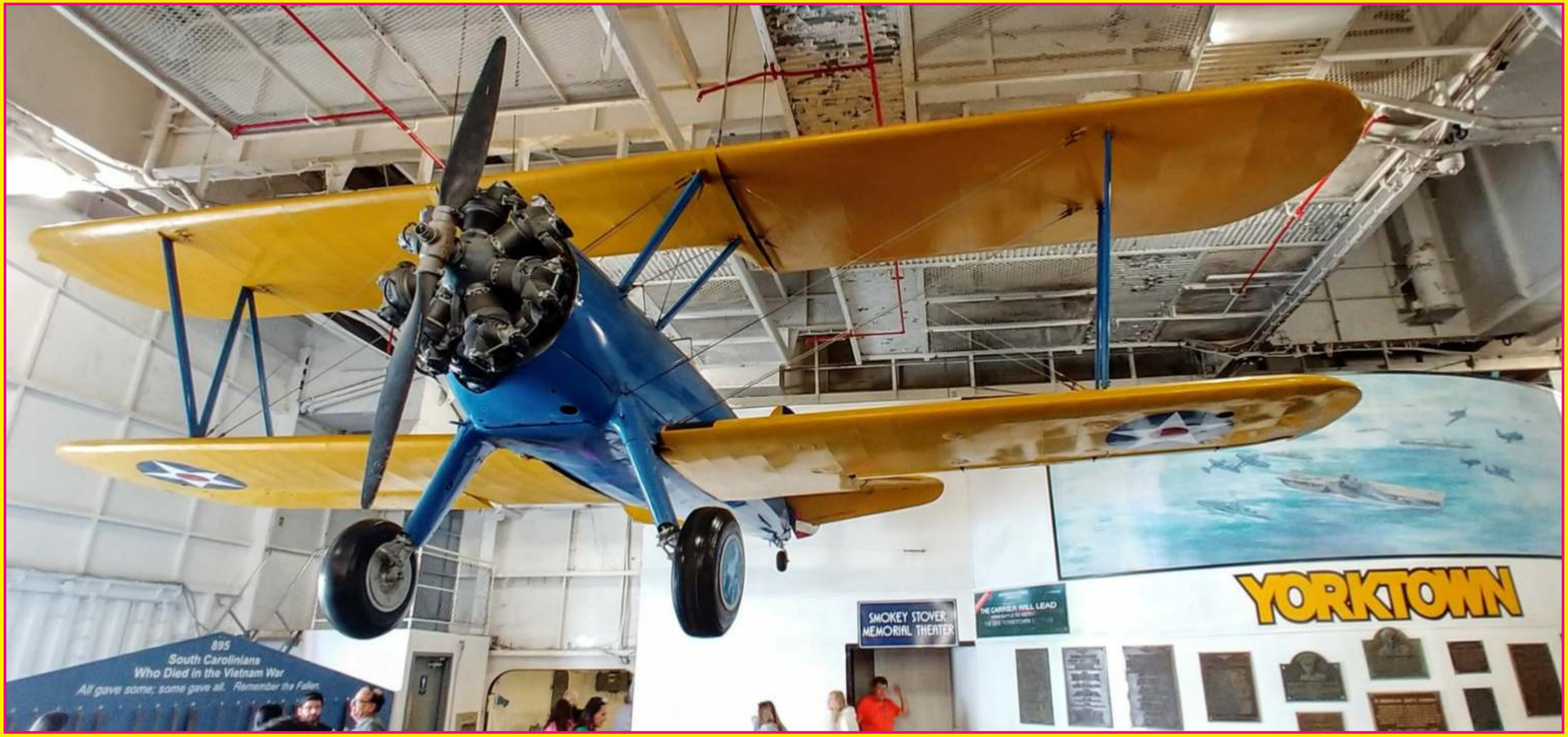

U.S.S.
YORKTOWN
1943
THE PRESIDENT OF THE UNITED STATES
TAKES PLEASURE IN PRESENTING THE
PRESIDENTIAL UNIT CITATION
TO THE
U.S.S. YORKTOWN CV-10
AND HER ATTACHED AIR GROUPS
PARTICIPATING IN THE FOLLOWING OPERATIONS:
FOR SERVICE AS SET FORTH IN THE FOLLOWING
CITATION:
FOR THE PRESIDENT

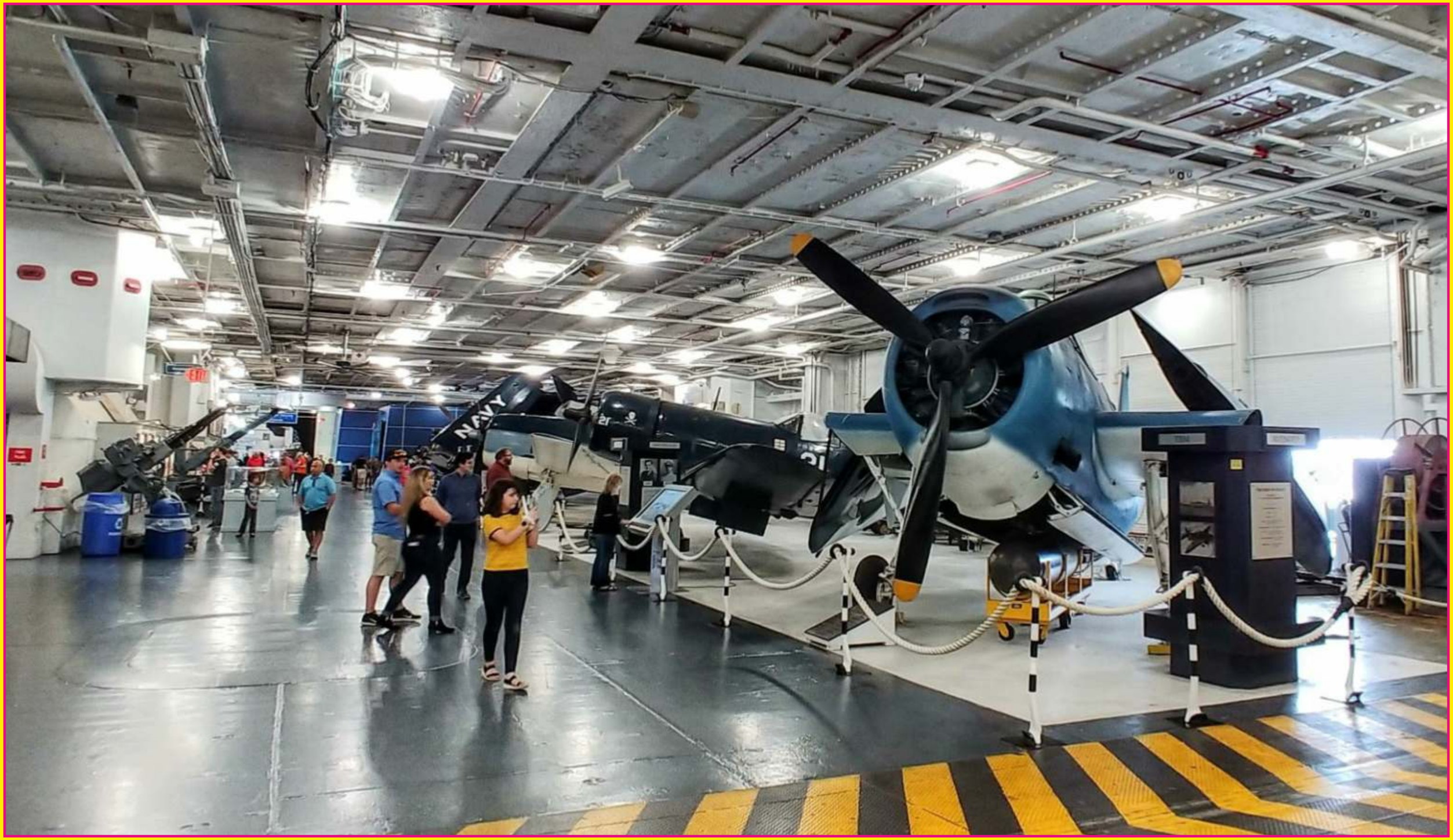

DOOLITTLE RAIDERS
RESTORATION


505
505


21
21
21


14
SBD


895
South Carolinians
Who Died in the Vietnam War
All gave some; some gave all. Remember the Fallen.
SMOKEY STOVER
MEMORIAL THEATER
THE CARRIER WILL LEAD
YORKTOWN


NAVY

MISSION-TACTICAL INSTR.

FIGHTER SWEEP

BOMB - STRAFE OROTE

MID LAT. MID-LONG VARIATION

OPTION OBJECTIVE

TIME	0600					
LAT.						
LONG.						
CUS.	270			OROTE AIRFIELD	090	93 MI.
SPD.	20					
BRG.	270					
DIST.	15					

NEAREST LAND OR FIELD

NAME	TIME	LAT.	LONG.	BRG.	DIST.
OROTE GUAM	0600			090	93 MI.
LIFE SAVER (SUB)	0600	FROM OROTE PT		270°	5 MI.

WIND DATA TIME

ALT	DIR	VEL
SURF		
1000	280	5
2000	280	5
3000	283	6
4000	283	6
5000	283	7
6000	282	9
7000	282	10
8000	283	10
9000	282	10
10000	283	11

WEATHER

TEMP. 69°

D.P. 61°

VIS. UNL.

GENERAL

TODAY IS AN ODD DAY UNTIL 1200 AND AN EVEN DAY THEREAFTER

RECOGNITION SIGNALS

TIME	CHALLANGE	REPLY
0600	VV	SS
1000	TS	AA
1400	CD	FF
1800	FA	VV

EMERGENCY IDENT.

TIME	PYRO	PYRO
0600	RED/RED	GREEN
1000	GREEN/RED	YELLOW
1400	GREEN/GREEN	RED
1800	YELLOW/RED	GREEN

YG

BRG.	TIME	IDENT.
345-015	0600 TO 1800	B D G A L X V R T S U N
015-045		
045-075		
075-105		
105-135		
135-165		
165-195		
195-225		
225-255		
255-285		
285-315		
315-015		

RECOGNITION MANEUVER

DAY	HEAD	CIRCLE
ODD	180°	LEFT
EVEN	360°	RIGHT

COMMUNICATION

UNIT	MISSION	FREQ.
	STRIKE	
	CAP	
SQUADRON		
GROUP		
SHIP	LANDING	


NWKJ
1965
Radio III
Among the 14 radio rooms located in different spots around the ship, Radio III provided communications between the Yorktown, US Naval shore stations, and other ships at sea. Modes of communication included voice (SSB), Morse code (CW), and radio teletype (RTTY). Radiomen of the 'C' division manned these important facilities. The message traffic you hear was donated by George Brubaker who served aboard the Yorktown in the early 1960's.
PATRIOTS POINT


10
BEWARE OF PROPS ROTORS
JET INTAKE AND EXHAUST


204


BULLPUP
US NAVY


USS AMERICA
VMFA 333
MARINES
201
3077
153077


NJ
NAVY
VS-41


500
DANGER
JET
INTAKE


101
NAVY
VF-104
NO STEP


103
NAVY
03
E


USS GEORGE WASHINGTON
103
NAVY
VF-143


NE
VA-147
NAVY
300


LT. ART SCHMITT
AMP. JAMES B. DORSEY


733
CAUTION
407


007
500
HARLAN


NAVY


YORKTOWN




RESTORATION
IN
PROGRESS


USS CLAMAGORE (SS-343)
1800-ton BALAO-class World War II submarine.
Commissioned June 28, 1945, too late to see action.
Based at Key West 1945-59, Charleston 1959-63,
New London 1963-75. Decommissioned as one of
the last diesel-powered subs 1975. Ten torpedo tubes,
crew of 80. Arrived at Patriots Point 1981.


TUBE
EMPTY
TUBE
EMPTY





CRAFT STATS



Displacement: 27,000+ tons (1943) 30,000+ tons (1956)

Length: 872 feet (1943) 888 feet (1956)

Speed: 30+ knots

Range: 14,000 nautical miles at 13 knots

Armament: (circa 1944) 12 X 5 in/38 cal guns (127 mm), 68 X 40 mm 917 quad mounts, 61 X 20 mm (single); (circa 1968): 4 X 5 in/38 cal (127 mm)

AutoNews

Top Titbits of Auto News

By Steve Wood - Staff Writer

www.speedi.tv

JAGUAR AND HOT WHEELS® ANNOUNCE ULTIMATE TRACK ENGINEERING CHALLENGE TO CELEBRATE DEBUT OF 2021 JAGUAR F-TYPE

(CHICAGO) – February 6, 2020 – Today, Jaguar celebrated the reveal of the new 2021 Jaguar F-TYPE in North America by partnering with Hot Wheels to announce a new engineering scholarship contest across North America, the Jaguar & Hot Wheels Ultimate Track Challenge. Jaguar and Hot Wheels also set a Guinness World Records title for the most loops-the-loops in a Hot Wheels track as part of the vehicle's reveal at the Chicago Auto Show.

The Jaguar & Hot Wheels Ultimate Track Challenge will be open to college and university engineering programs to partner with their local Jaguar retailer for students to design and build the most complex, record-setting Hot Wheels track imaginable, meeting both Hot Wheels and Guinness World Records parameters. Student participants will have the opportunity to set a record lap at retailer launch events for the new F-TYPE throughout the month of April.

Jaguar and Hot Wheels will select the most challenging track and award a $50,000 donation to the participating institutions' scholarship fund. At the Chicago Auto Show, the first group to enter the competition was a group of students from the Illinois Institute of Technology, who will partner with Jaguar Land Rover Orland Park

"For many car enthusiasts, a Hot Wheels car was their first automotive experience. Oftentimes it was an exotic sports car, like the F-TYPE, which is why we are thrilled to be revealing the vehicle in North America with this Hot Wheels partnership" said Stuart Schorr, Vice President Communications, Jaguar Land Rover. "Jaguar is committed to supporting the next generation of smart, creative, automotive enthusiasts and we are excited to see the submissions students will be making across the U.S. and Canada."



The record-setting track Jaguar and Hot Wheels built at the Chicago Auto Show measured 69.5 feet and was built entirely from Hot Wheels Track sets. It consisted of seven loops unassisted by power boosters; breaking the previous Guinness World Record by two loops.

"Hot Wheels was founded to push the limits of design and performance and we are proud to have worked with the talented team at Jaguar for over 40 years," said Ricardo Briceno, Senior Director of Hot Wheels Global Brand Marketing, Mattel. "Partnering with Jaguar to break the Guinness World Record and calling on students across the U.S. and Canada to create their own vision to win the #JaguarHotWheels Challenge is the perfect example of our commitment to ignite and nurture the challenger spirit."

Students interested in participating in the #JaguarHotWheels challenge should work with their local Jaguar retailer to come up with a concept. Jaguar retailers will have a set amount of track components (over 100 feet) to work with to create their vision of the "Most Challenging Track". Students will build their track at their local Jaguar retailer and attempt to set a record lap at the retailer launch events for the new F-TYPE by April 30, 2020

A range of powerful, responsive engines in the 2021 F-TYPE includes four-, six- and eight-cylinder options with 296hp, 380hp and 575hp respective outputs. All are matched to eight-speed Quickshift transmissions with full manual control capability using either the SportShift gear selector or the steering wheel-mounted paddles.

Each engine is equipped with an active exhaust system, which is switchable either as an option or as standard. Customers who choose the 575hp supercharged V8 and wish for a more subtle, refined sound can select the new Quiet Start mode. This ensures that the electrically-actuated bypass valves in the rear silencer remain closed until automatically opening under load, releasing the signature roar fundamental to the F-TYPE driving experience.

NEW LAND ROVER DEFENDER. IT DOES ALL ITS OWN STUNTS

All New Defender 110 flies into action in latest James Bond film 'No Time To Die'



17TH February 2020, Whitley, UK: Land Rover's television commercial for the new Defender demonstrates its capability on tough terrain. The commercial features an exclusive, behind-the-scenes look at what to expect from the new Defender in *No Time To Die*.

The rehearsal footage included in the advert shows the new Defender launching into the air.
The Defenders are put to further extreme tests as the vehicle is driven at top speeds through swamps and rivers.

The chase sequence in *No Time To Die* was led by stunt coordinator Lee Morrison, working alongside Oscar-winner Chris Corbould, the special effects and action vehicles supervisor.

Lee Morrison stated: "We pushed the Defender further than we believed possible to generate the maximum excitement, and to give fans an insight into the uncompromising challenge of producing an incredible chase sequence which you can look forward to seeing in *No Time To Die*."

Nick Collins, Land Rover Defender vehicle line director said: "We developed a new test standard for Defender, the most challenging we've ever had and unique to this vehicle. Physical strength and durability is measured by a number of different tests including a bridge jump test which gave us confidence to deliver what the stunt team needed to create for *No Time To Die*, with no modifications to the body structure except the installation of a roll cage."

Putting these vehicles through their paces was the inspirational Jessica Hawkins, who Morrison handpicked from the Formula 3 W Series after spotting her potential and he wasted no time in giving her the opportunity to feature in *No Time To Die,* her first ever motion picture. Jessica commented: "It doesn't get any more exhilarating than being a stunt driver in a James Bond movie and it's an honour to be a part of this incredible movie driving the new Defender."

Land Rover's television commercial for the new Defender demonstrates its capability on tough terrain. The commercial features an exclusive, behind-the-scenes look at what to expect from the new Defender in No Time To Die.

The rehearsal footage included in the advert shows the new Defender launching into the air. The Defenders are put to further extreme tests as the vehicle is driven at top speeds through swamps and rivers.

Inspired by the future: The VISION AVTR

Jan 7, 2020

Mercedes-Benz VISION AVTR – inspired by AVATAR: The name of the groundbreaking concept vehicle stands not only for the close collaboration in developing the showcar together with the AVATAR team but also for ADVANCED VEHICLE TRANSFORMATION. This concept vehicle embodies the vision of Mercedes-Benz designers, engineers and trend researchers for mobility in the distant future.

Mercedes-Benz VISION AVTR – inspired by AVATAR is the result of an unprecedented global partnership between one of the most innovative brands in the entertainment industry and the eighth most valuable brand in the world, Mercedes-Benz.

Inspired by the world of Pandora – the VISION AVTR shows a completely new interaction between human, machine and nature.

Design and UX

Fusion of interior and exterior: The holistic concept of the VISION AVTR combines the design disciplines interior, exterior and UX on an unprecedented scale. The distinctive inside-out design structure combines inside and outside into an emotional whole and was inspired by several creatures from the movie AVATAR. With its stretched "One Bow" design and organic design language, the VISION AVTR offers a visionary outlook on the design of the future.



Biometric connection: Instead of a conventional steering wheel, the multifunctional control element in the center console allows human and machine to merge. By placing the hand on the control unit, the interior comes to life and the vehicle recognizes the driver by his or her heartbeat and breathing.

Immersive experience space: By simply lifting the hand, a menu selection is projected onto the palm of the hand, through which the passenger can intuitively choose between different functionalities. For example, real- time 3D graphics can be used to explore the fictional world of Pandora from different perspectives. The curved display module creates the visual connection between passengers and the outside world.

Sustainability and Drive

Organic battery technology made of recyclable materials: For the first time, the VISION AVTR concept vehicle is using a revolutionary battery technology based on graphene-based organic cell chemistry that is completely free of rare earths and metals. The materials of the battery are compostable and therefore completely recyclable. In this way, electric mobility becomes independent of fossil resources. As a result, Mercedes-Benz underlines the high relevance of a future circular economy in the raw materials sector.

The vehicle as a living creature: The 33 "bionic flaps" on the back of the vehicle are reminiscent of scales of reptiles. They can communicate with the driver and through the driver with their outside world through naturally flowing movements in subtle gestures. Due to the possibility to drive the front and rear axles in the same or opposite direction, the VISION AVTR can move sideways by approx. 30 degrees, in contrast to conventional vehicles. The so-called "crab movement" gives the concept vehicle an animal-like appearance even in its movement.

Sustainable materials: The seats of the VISION AVTR are refined by vegan DINAMICA®leather. DINAMICA® is the first and only microfiber that guarantees environmental sustainability throughout the entire production cycle. The floor is decorated with an innovative wood called Karuun®. The raw material for Karuun (Rattan) grows very fast as a natural raw material and is harvested by hand in Indonesia. The material gives the interior warmth and radiates naturalness.



CHEVROLET CORVETTE VOTED 2020 NORTH AMERICAN CAR OF THE YEAR

2020-01-13 - DETROIT – The all-new Chevrolet Corvette Stingray has been selected as the 2020 North American Car of the Year by a 50-member jury of independent journalists. The Stingray was selected not only for its revolutionary mid-engine design, but for its level of refinement and impressive performance.

The Corvette was previously honored with this award in 1998 for the introduction of the fifth generation and again in 2014 for the introduction of the seventh generation. Corvette executive chief engineer Tadge Juechter received the award this morning at a public ceremony held at the TCF Center in Detroit.

“It’s humbling to be selected for this award by such an impressive jury of automotive journalists,” said Juechter. “Our team poured our hearts and souls into this vehicle, and to see such an overwhelmingly positive reception makes it all worthwhile. We are sure our customers will love the new Corvette as much as these jurors and we can’t wait to get them behind the wheel."

The North American Car, Utility and Truck of the Year Awards honor excellence in innovation, design, safety, performance, technology, driver satisfaction and value. Founded in 1994 by Christopher Jensen, who also formed the first committee, the NACTOY awards are judged by approximately 50 professional automotive journalists from the United States and Canada who work for independent magazines, television, radio, newspapers and industry websites. After evaluating the field of competitors, jurors vote individually by way of Deloitte to determine finalists and winners in each category.

“The 2020 Corvette represents a new era for the iconic brand,” said Lauren Fix, North American Car, Utility and Truck of the Year president. “The excitement from consumers has been overwhelming. From a journalist's perspective, this is one of the best-built GM products that exemplifies what it means to be the North American Car of the Year.”

Corvette production will begin in February 2020 at General Motors’ Bowling Green Assembly in Kentucky, with customer deliveries taking place shortly thereafter.

AutoNews

Top Titbits of Auto News

By Steve Wood - Staff Writer

www.speedi.tv

VANTAGE ROADSTER: UNCOMPROMISING PERFORMANCE MEETS PURE EMOTION

Feb 12, 2020 - Gaydon: The heartbeat of Aston Martin's sports car range just got that little bit faster with the introduction of the new Vantage Roadster. Joining the Vantage Coupe, which was launched in 2018, this convertible model amplifies the emotional appeal of a model renowned for delivering a compelling blend of potent performance, outstanding dynamics and everyday usability.

Testament to the uncompromising design, engineering and execution of this scintillating open-top two-seater, Vantage Roadster shares the Vantage Coupe's absolute commitment to driving thrills. Powered by Aston Martin's 4.0-litre twin-turbo 510PS/685Nm V8 engine and mated to an 8-speed ZF automatic transmission, Vantage Roadster accelerates from 0-60mph in just 3.7sec and is capable of 190mph with the roof raised. Weight increases by just 60kg compared with the Coupe thanks to a new, lighter Z-fold roof mechanism and optimised exterior and chassis revisions throughout.

Careful development of structural shear panels and chassis components ensures the Vantage Roadster retains the strong dynamic ability and sporting character achieved in the Coupe with no compromise to feel or refinement. Sharing the same Adaptive Damping, Dynamic Stability Control, Dynamic Torque Vectoring and Electronic Rear Differential, the Roadster benefits from specific dynamic refinements. These include a bespoke tune for the rear dampers, Adaptive Damping System software and ESP calibration.

As you'd expect from a dedicated sports car, a choice of Sport, Sport + and Track chassis modes - also tuned specifically for the Roadster - give the driver control of its dynamic character and behaviour. Working in harmony with Sport, Sport+ and Track powertrain modes retained from the Coupe offers the ability to progressively increase the car's overall responsiveness and excitement, meaning the Roadster has a tremendous breadth of ability



and feels equally at home on road or race track.

While Vantage Roadster mirrors the Coupe's exceptional tactility, pace and cornering performance, the design of the body is very much its own. The tautly tailored fabric hood features a compact powered Z-fold mechanism that ensures rapid operation (lowered in 6.7 or raised in 6.8 seconds at speeds of up to 50kmh/31mph). In fact, the roof of Vantage Roadster has the fastest full operating cycle of any automatic automotive convertible system.

The introduction of the Vantage Roadster sees a range of new options introduced across the Vantage range. To celebrate the 70th Anniversary of the Vantage nameplate, Aston Martin is introducing the company's iconic 'vane' grille as an option, available on both Coupe and Roadster as an alternative to the track-inspired 'hunter' grille featured on the Coupe from its launch in 2018. There is also a new range of optional alloy wheel designs in a choice of finishes. Enthusiasts will also welcome the manual 7-speed transmission being offered as an option on the Coupe, having initially only been available in the limited-edition Vantage AMR.

Aston Martin President and Chief Executive Officer, Dr Andy Palmer, said of the Vantage Roadster: "Open-top Aston Martins are always firm favourites with our customers, so it's very exciting to introduce the Vantage Roadster. For many, driving with the roof down is the true definition of the sports car experience as it truly brings your senses to life. Vantage has always delivered the purest of thrills, but in Roadster form that adrenaline rush is set to go to the next level".

Matt Becker, Aston Martin Chief Engineer, adds: "Convertible sports cars are often seen as compromised when compared to their Coupe equivalents, but the Vantage Roadster remains absolutely dedicated true to its mission of delivering precise, agile and expressive handling dynamics combined with stonking straight-line performance. And of course, there's the added dimension of driving a great-sounding sports car with the roof down".

THE NEW CONTINENTAL GT MULLINER CONVERTIBLE

(Crewe, 19 February 2020) Bentley Mulliner - Bentley' bespoke commissioning division - is today announcing the introduction of the new Continental GT Mulliner Convertible: the luxury pinnacle of the Continental GT family.

Mulliner has gone above and beyond the industry-leading craftsmanship so synonymous with Bentley and the world' definitive Grand Tourer to create the Continental GT Mulliner Convertible and redefine the pinnacle of roof-down automotive luxury.



The new Continental GT Mulliner Convertible has been created to appeal to those customers wanting an even greater focus on beautiful details. Taking pride of position between the cut-crystal inspired, precision-made headlamps, Bentley Mulliner introduces a bold new Double Diamond front grille which is further complemented by bespoke Mulliner branded side vents that continue the unique silver on black diamond theme.

The new Double Diamond design has been inspired by Bentley' exclusive Diamond-in-Diamond interior quilting design concept, which adorns all four seats, the door casings, rear quarters and now for the first time furnishes the tonneau cover. The Diamond-in-Diamond interior quilting itself has been tailored to include contrast stitching in two complementary colours to accentuate the thread against the quilting. It takes almost 400,000 stitches to deliver this quilting across the cabin of the car, with each diamond containing exactly 712 individual stitches – each one precisely aligned to point to the centre of the diamond it creates. Developing the embroidery process to deliver this process alone took 18 months.

Furnishing the sleek and muscular profile of the Continental GT Mulliner Convertible are all-new 22"10-spoke painted & polished wheels with floating, self-levelling wheel badges that remain upright as the wheel rotates.

The ultimate handcrafted Continental GT Convertible interior offers eight custom-made three-colour combinations. A new Mulliner-designed colour split defines the eight colour ways, including a third accent colour to the interior in the form of a distinctive design line. The hand-stitched hides are embellished with unique Mulliner branded embroidery.

Bentley Mulliner has combined traditional and modern coachbuilding techniques to introduce new contemporary and bespoke features. A contrast diamond milled technical finish has been applied to the centre console, which is finished with a new and exclusive brushed silver Breitling timepiece set within a quartet of chrome bullseyes to provide stunning interior jewellery. The same theme carries from the physical to the digital, with the precision-rendered gauges of the LED-display driver' instrument panel using the same brushed finished and Mulliner branding.

The Continental GT Mulliner Convertible will be available with Bentley's V8 and W12 powertrains. When equipped with Bentley' 6.0-litre, twin-turbocharged W12, the Continental GT Mulliner Convertible accelerates from 0-60 mph in 3.7 seconds (0-100 km/h in 3.8 seconds) and is capable of a top speed of 207 mph (333 km/h).The new-generation 4.0-litre, twinturbocharged V8 delivers a top speed of 198 mph (318 km/h) and 0-60 mph in 4.0 seconds (0-100 km/h in 4.1 seconds).

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/**




PEOPLE ARE THE BEST THING
THAT CAN HAPPEN TO ANYONE
MERC
TEXAS
MERC 51


225
COFFEE
CHEVROLET
GLS
SUPER SPORT


The Best Cheesesteaks, Wings,
Saladcreations
Firebird






GALLERY500
camaro
SS
Radial T/A
BFGoodrich


383
STROKER
CHEVROLET






1
DAYTONA
Radial T/A
BFGoodrich


GALLERY900






SUNOCO
BOSS 5.4


FLORIDA
BW-11962




29



Reno Air Races 2019

A Second Look by John King


STIHL
Blanda
OP-FJU


MICHELIN
8


PANAIR
61


72
N12SG
Parts For Planes
AIR


474389
SPEEDBALL
ALICE
B6
31
F


Miss America
N991R
11
11


101
N401GL
DYNON


ARGONAUT
114 BCOL
Sun Air Parts


69
MARINE
69


N50DG
6
6


Bunny
62


69
1
FTS
XW369
369


L-39
TUMBLING GOOSE
84


DAHER
STIHL
OZEN


744
STIHL
RED


MICHELIN
OUTLAW
SCOTT HOLMES
AIR RACE 1 CHINA CUP
AIR RACE 1 WORLD CUP
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9
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C-FCZM
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PRECIZION
SERVICES LTD


AUSTRALIA
19


GUNSLINGER
66
AJ-968


DAHER
Epsilon
· PILOT RESCUE
· BREAK GLASS
· PULL CORD
DASSAULT
AIRCRAFT SERVICES
130
CLAY LACY
AVIATION
N130KL




7
7


247


Relentless
Relentless
METHOD SEVEN
N42XT
42
42


314
N42PS
62

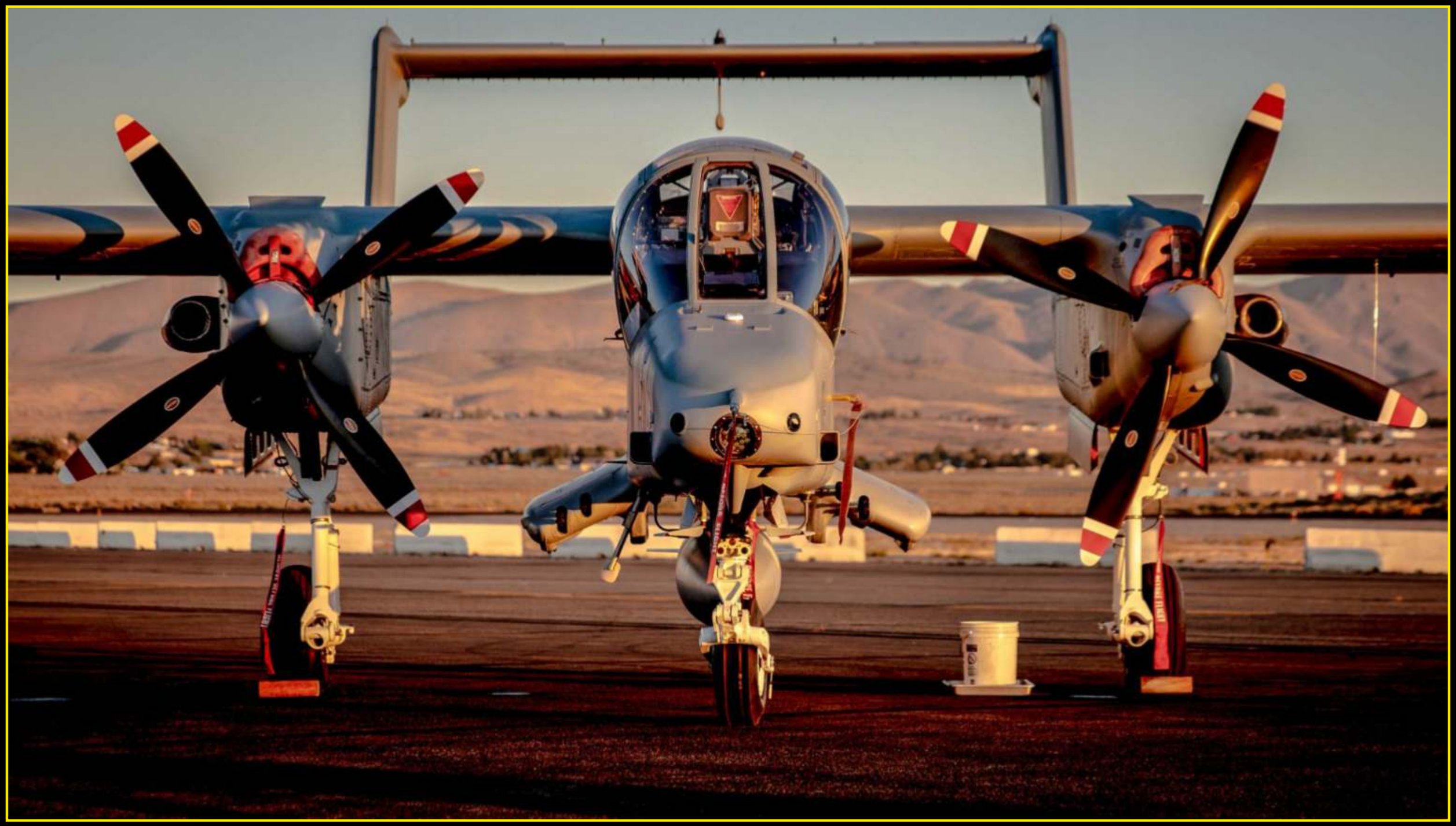

88


FORTIS
SWISS WATCHES SINCE 1912
Clas Thunder one
GRISCHA
FORTIS
151
N151CR


56
N508DB
56


EPIC FUELS
EPIC
Curtis Noble
Photography
62
N45SS
AEROSPACE
EFI
22
EPIC.
FUELS
33
SIERRA
MAGNETO
SERVICE
ACI






GOLDFINGER


Blondie




GATORADE™
VICTORY LANE
WORLD CENTER OF RACING




TECHNET
IBERIABANK
57
88
65
azz
rzendatz.org
VP Racing


3
ANTONIO GARCIA
JORDAN TAYLOR
NICKY CATSBURG
WeatherTech
4
88
GTLM
SiriusXM
MICHELIN
C8.R


HYUNDAI
Velocity
98
Veloster
98
TCR
CURB
EDGE
VP Racing


wynn's
J. COX
D. MURRY
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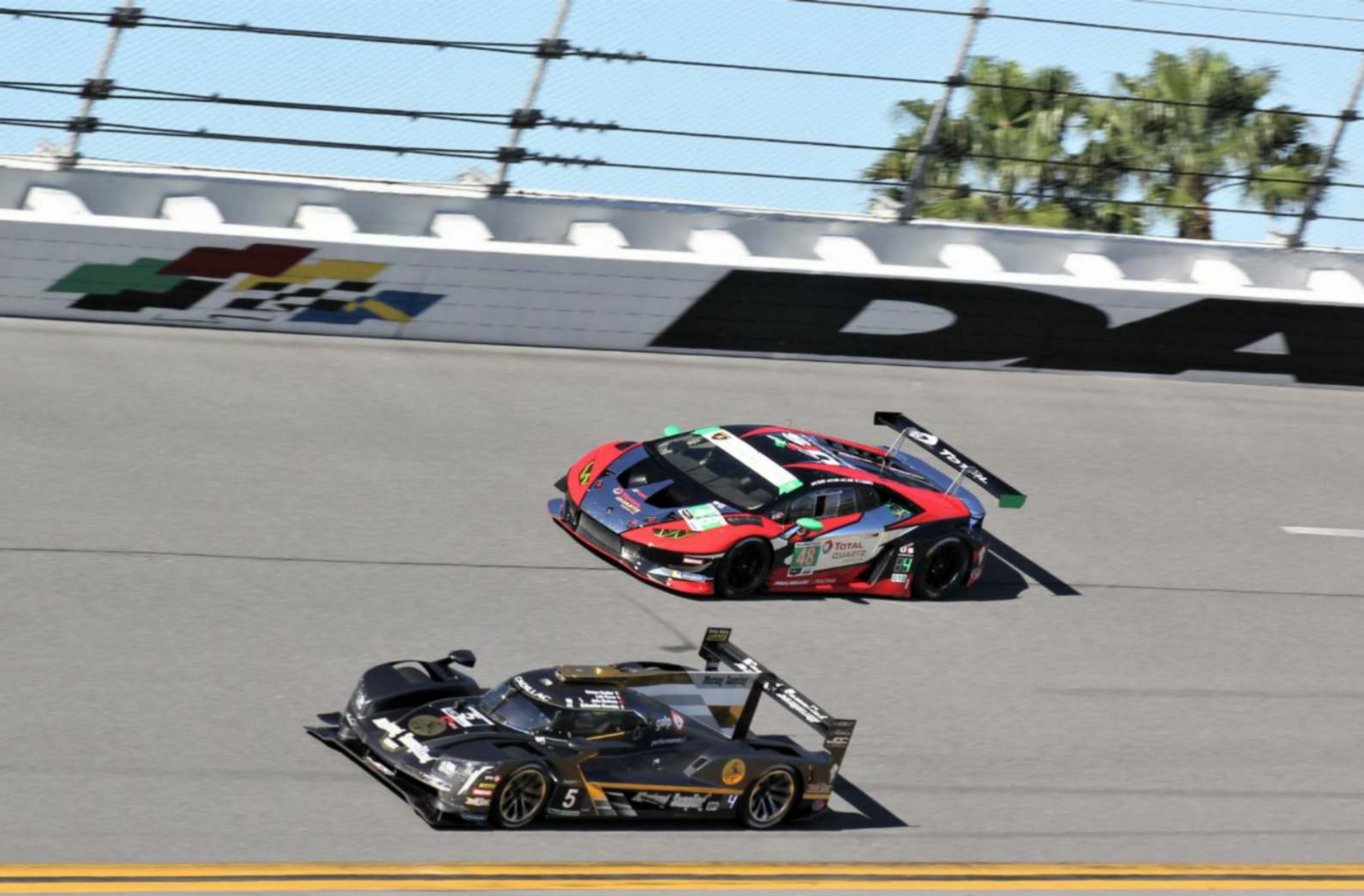

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