

Handcrafted Aircraft INTERIORS

- From Start to Finish -



constant
AVIATION



CONTENTS

Small Size Cabin

Nextant 400XTi	4
Embraer Phenom 100	6

Mid Size Cabin

Bombardier Challenger 300	8
Cessna Citation X	10

Large Size Cabin

Bombardier Global Express	12
Gulfstream V	16

Interior Gallery	20
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Meet with a Designer Today	23
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Your journey with us begins as soon as you make the first call to our interior design center. Our team will not only discuss your vision, expectations, work scope and timeline, but will map out a plan of action. Once your theme is decided, materials are selected and layout is determined, our interior designers will provide you with sketches and renderings for review. After final approval, the interior is removed and production starts. Our design team is dedicated to providing you with an in-depth, personalized experience like no other. We are with you every step of the way, and we take pride in knowing that we can make your dream a reality.

- Constant Aviation Interiors

Nextant 400XTi

- Red Leather and Rose Gold Combined -

DESIGN:

The refurbishment of this cabin is unique in that it was reconfigured from a standard 7 single seat Beechjet interior to 4-single seats with a 3-place divan. The left-hand galley was built from scratch to incorporate specific customer requirements and the lavatory was extended by 4 inches.



MATERIALS:

The seats were covered in a deep Avion Rouge Italian leather provided by Garrett Leather and Distressed Brown Leather by Townsend was used on the Divan. Red Gum veneer was chosen from Custom Plywood Inc. (CPI) and the Corian by Dupont is done in Cocoa Brown. Cut & Loop Stripe by Scottgroup was selected for the carpet, while utilizing Tapis Brisa Ultraleather for both the windowlines and headliner. A complimentary Heathered Satin Fabric was used on the lower sidewalls from Pollack Associates.



Embraer Phenom 100

- Neutral Clean Look and Feel -

MATERIALS:

The design team chose earthy tones, using a high performance, Excel Cowhide in Taupe by Townsend Leather for the seats. They infused a rich Orion Espresso leather, manufactured by Moore and Giles, on the seat shrouds and drinkrails. A beige carbon fiber Ultraleather by Tapis was chosen to line the lower sidewalls and Wilsonart Cafella Laminate was used for the cabinets.



DESIGN:

Showcasing no theme in particular, the only requirement for this Phenom 100's cabin was a clean look that could be seamlessly recreated across four more aircraft in the fleet.

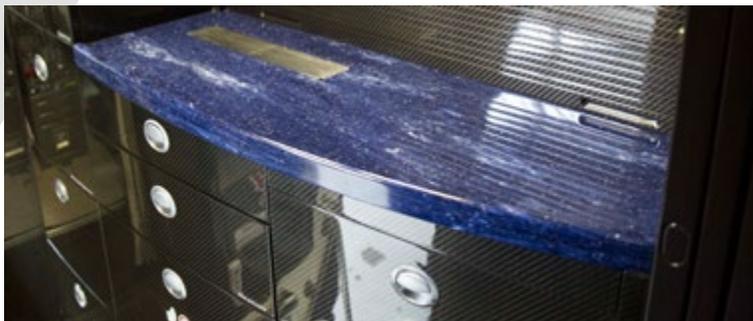


Bombardier Challenger 300

- Project Carbon -

DESIGN:

The preliminary design review of this Challenger 300 cabin determined that the existing carbon fiber Elements (including the cabinets, tables, and trim) would be the driving force in this interior's theme. Onyx, charcoal, and bright cobalt hues were then infused to achieve a modern interior with a masculine flair.



MATERIALS:

The design team sourced a number of quality materials for this cabin that played on the onyx, charcoal, and cobalt color palette, while incorporating bold and complimentary textures. Custom hand-stitched leather seats featured Orion Onxy leather, adorned with cobalt blue inserts and piping. Ostrich leather in Grey Slate, supplied by Edelman Leather, was implemented in the armrest inlays and the lower

side panels of the cabin. The cobalt blue accent color makes an appearance in the custom hand-made wool carpet, which features a winding blue and gray pattern. The galley received a high-gloss counter top addition, and satin nickel hardware was selected to adorn the cabinetry. The pressure dome in the lavatory was transformed with an intricate silver embossed leather.



PRODUCTION:

In a 4-week time span, Constant Aviation's interior design team came together to execute "Project Carbon." The idea was to keep the carbon fiber the focal point, and add electric cobalt blue highlights throughout.

The pictures to the left and right show the cobalt blue **accents** incorporated into the cabin seats. The inside of the armrest is showing the use of cobalt blue piping, gray ostrich leather and silver plated hardware. On the right, the headrest with decorative stitching is extended revealing the colored leather underneath.



Cessna Citation X INTERIOR

- Neutral Sophisticated Look and Feel -



DESIGN:

The cabin of this Citation X is an elegant example of a standard interior update. In this aircraft, the customer upgraded a few key elements of the interior, effectively refreshing the entire cabin.



MATERIALS:

Seats were re-upholstered in an Athens Hawk German leather by Moore & Giles, while Qtr Fig Eucalyptus from CPI was selected for the veneer. The carpet was customer supplied from Pinnacle Carpet.



Bombardier Global Express

“The Boardroom” - sophisticated space -

DESIGN:

A posh “Boardroom” was the driving inspiration for this sophisticated Global Express interior refurbishment. The interior of the cabin was laid out in three main areas – business, dining and entertainment. This aircraft features a four-place dining area with two additional seats housed in a custom credenza. The aft section of the cabin was converted into a theater room with the addition of a three-place divan, VIP seat, ottoman and a 42” high-definition flat screen monitor. The crew rest area was redesigned with custom seats.



The **materials** laid out above show the calm and cool but warm and inviting color palette that was chosen for this interior. Every material is high quality and hand picked from different vendors.

MATERIALS:

The customer wanted to refresh the look of the interior with a refined and elegant space, while retaining the existing Russian Walnut Burl veneer, contributing to the feeling of being in a high-end boardroom. The design team then incorporated grays and silvers to the color palette, adding the occasional splash of gold. Custom leather seats feature a two-tone “Brushed Metal Ice” & “Mesa

PRODUCTION:

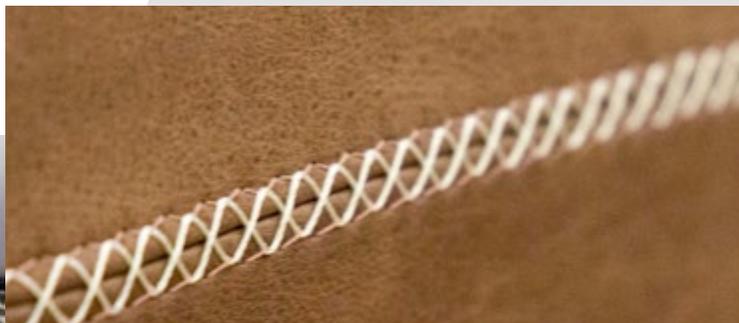
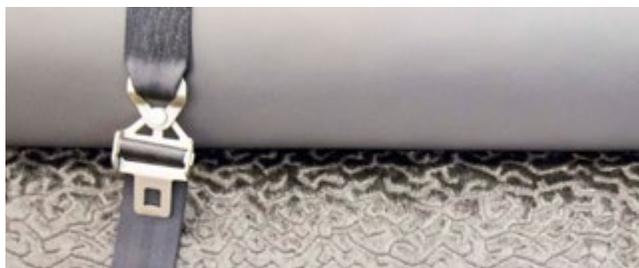
The refurbishment of this Global Express interior was done solely in-house at our Cleveland interior shop. This project commenced in June of 2015 and was completed in January 2016, allowing two months for the design and six months for the build.



View this interior online

www.youtube.com/constantaviation

ATTENTION TO DETAIL



Pine Cone" color scheme, utilizing leather from Townsend Leather. Moore & Giles' decorative ostrich leather covers the lower sidewalls, and Deconel, Kalogridis International's patented, highly-detailed ultraleather panel covering product, accomplished a beautiful feature of the windowlines. Custom handmade carpet from Scott Group Studio was installed, as well as a complimenting gray veneer "hardwood" floor in the galley area.



AVIONICS:

A new In Flight Entertainment and Communication System (IFEC), Cabin Management System (CMS) and avionics equipment was installed in this Global Express. The IFEC upgrades include a Honeywell AIS 2000 satellite TV system and Honeywell Ovation Select CMS. The CMS equipment installed includes touchscreen passenger control units, high-definition LCD monitors, a Blu-ray player, 3D moving map and an all-digital surround sound speaker system.





Gulfstream V

"Cosmos"

- a complex universe -



DESIGN:

This Gulfstream V interior was inspired by a cosmos theme. The customer wanted to refresh the look of the interior with a complex, but classic and orderly interior.

The forward seats are for business matters; the middle section of the cabin is used for relaxation and comes complete with a divan, single seat, and pop-up television that can lowered into a custom cabinet by the press of a button. The aft section has a four-place dining area with two kibitzer seats housed in a custom credenza.



After the material selections are made and the layout is chosen, **3D Computer Renderings** are made of the interior.

MATERIALS:

Almost all materials in this interior are custom: everything from the carpet design and colors by Scott Group Custom Carpet to the black funnel plating on all of the hardware from Signature Plating. Bright white Townsend Leather was used on the seats. The window panel material is Tapis and design is from Kalogridis. Recon Ebony and Recon Black Ebony are the two different species of veneer used throughout the interior from Custom Plywood Inc. The lower sidewalls are a black ostrich leather from Edelman and the clear etched bulkhead dividers were used so the design of the carpet reflects onto the bulkheads for a transparent/translucent effect.

PRODUCTION:

Constant Aviation finished the refurbishment of this Gulfstream V in February 2016. The project was completed in four months.

Every item was completed in-house. The design team first met with the customer to get a clear understanding of his or her vision, expectations, work scope, and timeline. Then, our in-house team created a 3D rendering of the interior so the customer could view the material selections and layout in a real life model image, making adjustments where necessary. Our engineering and interior team worked closely to create the newly reconfigured cabin layout, and our avionics team completed all avionics upgrades and STC work.



Modifications were made to the galley and seat/divan design. The **TV cabinet** was built from scratch. If the passengers do not want the TV to be visible, it can be lowered into the cabinet.



Walk through the cosmos interior online
www.youtube.com/constantaviation

AVIONICS:

A new In Flight Entertainment and Communication System (IFEC), Cabin Management System (CMS) and avionics equipment was installed in this Gulfstream V. The IFEC upgrades include a Honeywell AIS 2000 satellite TV system and Honeywell Ovation Select CMS. This CMS provides the passengers with state-of-the-art connectivity via their smartphone, tablet or any of the installed control units located throughout the cabin. The system creates the ultimate passenger experience with the integration of high-definition LCD monitors, Blu-Ray player, satellite television, external camera system or

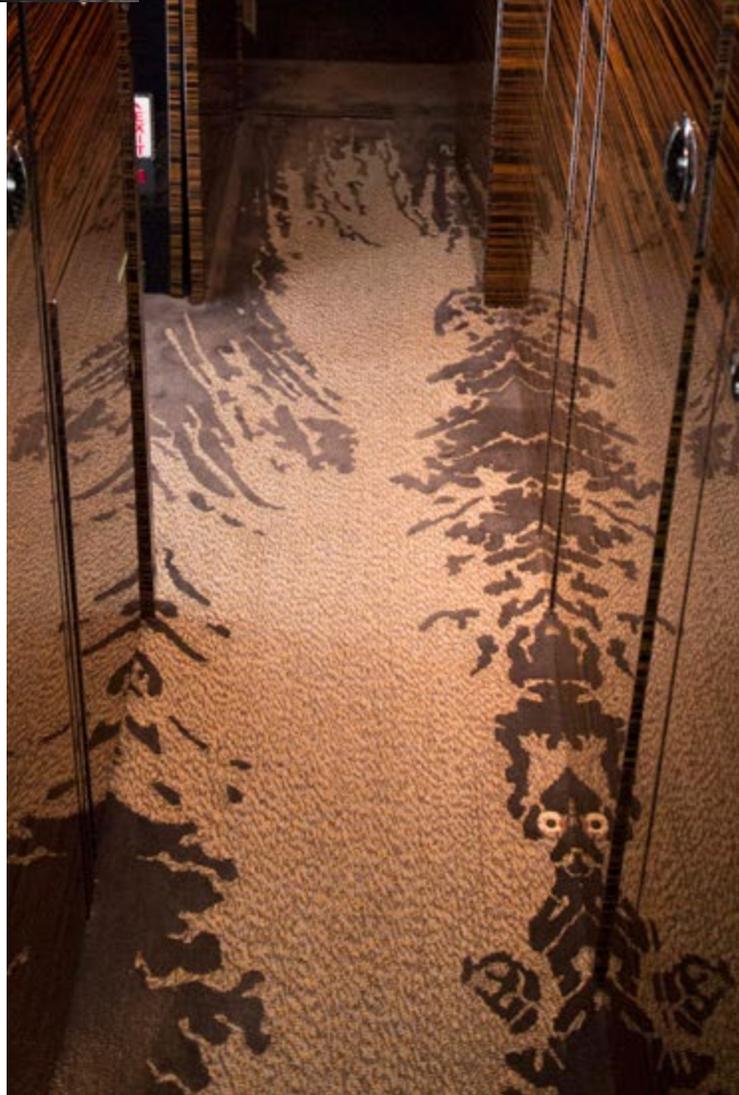
any other carry on portable electronic devices which can be interfaced into the system through an auxiliary input panel. Additional features of the CMS include four HD monitors with an integrated 3D moving map, all-digital surround sound speaker system and built in system monitoring and maintenance functions. Other equipment installed was Gogo Biz with Wi-Fi, Talk-n-Text, onboard movie server, Automatic Dependent Surveillance-Broadcast (ADS-B) OUT, High Speed Inmarsat Worldwide Internet Solution with Satcom Direct Router Wi-Fi, TCAS 7.1 software and LED lighting upgrades throughout the aircraft.



The **credenza** is located across from the dining area and houses two kibitzer seats that can be used during flight. A world map was inlaid into the surface using two species of veneer, Recon Ebony and Recon Black Ebony.



This **hand made carpet** by Scott Group Custom Carpet was produced specifically for this aircraft. It was one of the first materials to be selected and inspired other colors and designs throughout the cabin.



Constant Aviation INTERIORS



Beechjet 400A/XP/ Nextant 400XTi



Beechjet 400A/XP/ Nextant 400XTi



Beechjet 400A/XP/ Nextant 400XTi



Learjet 45



Phenom 300



Phenom 300



Challenger 300



Challenger 604



Legacy 600



Tour the completed interiors online
www.youtube.com/constantaviation



View gallery of interiors and liveries
www.pinterest.com/luxebyconstant



Beechjet 400A/XP/ Nextant 400XTi



Learjet 45



Learjet 45



Citation X



Challenger 300



Challenger 300



Global Express



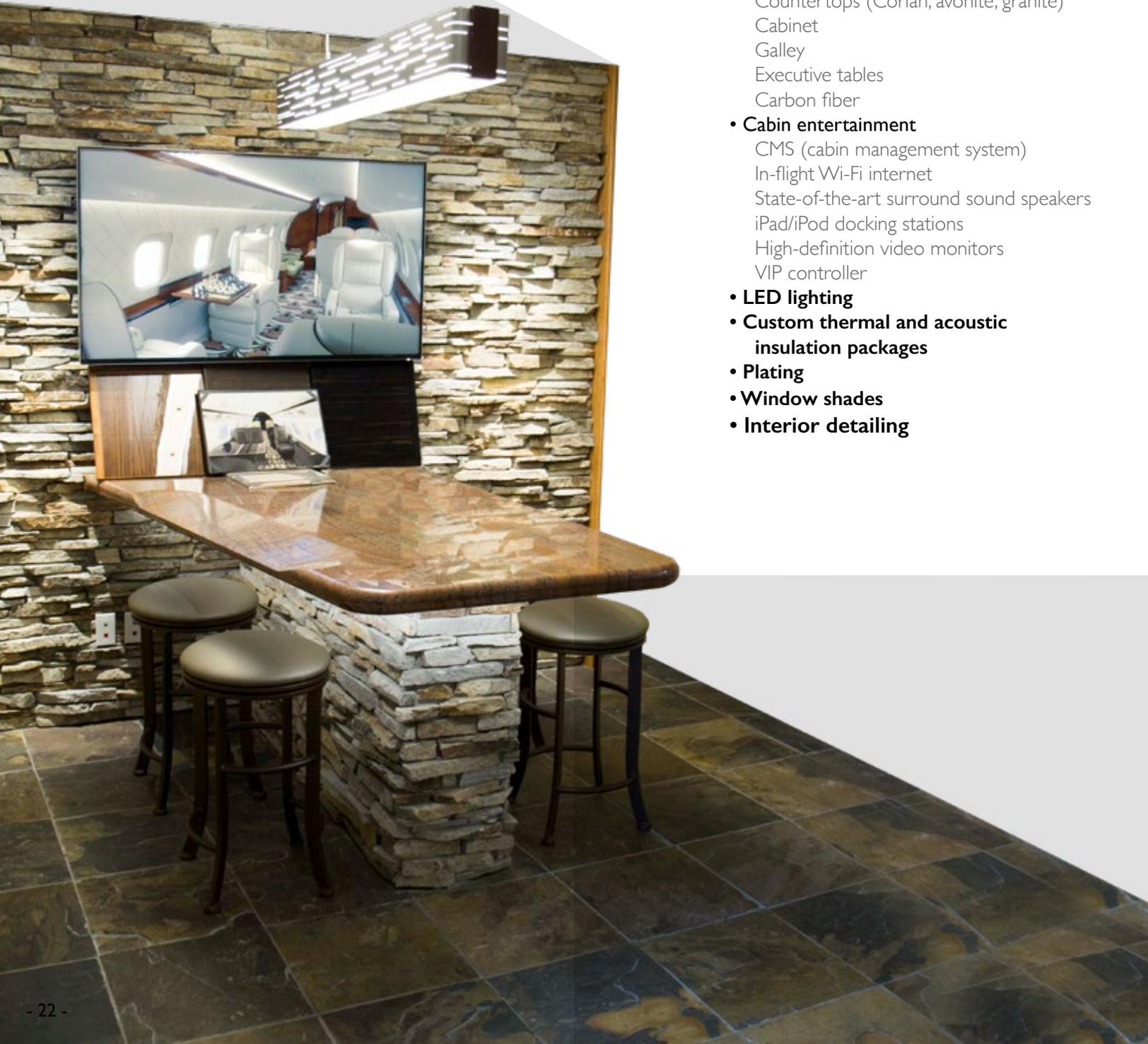
Global Express



Gulfstream V

At **Constant Aviation** we are with you every step of the way. From full interior refurbishments to simple repairs, we've got you covered.

- **Custom design**
 - In-house custom design center
 - In-house engineering
 - Cabin reconfiguration
 - DER services
- **Soft goods refurbishment**
 - Headliner
 - Cabin/cockpit seats
 - Window lines
 - Lower/upper sidewalls
- **Manufacturing and installation**
 - Carpet
 - "Hardwood/tile" Galley flooring
 - Countertops (Corian, avonite, granite)
 - Cabinet
 - Galley
 - Executive tables
 - Carbon fiber
- **Cabin entertainment**
 - CMS (cabin management system)
 - In-flight Wi-Fi internet
 - State-of-the-art surround sound speakers
 - iPad/iPod docking stations
 - High-definition video monitors
 - VIP controller
- **LED lighting**
- **Custom thermal and acoustic insulation packages**
- **Plating**
- **Window shades**
- **Interior detailing**



Meet with a designer today!

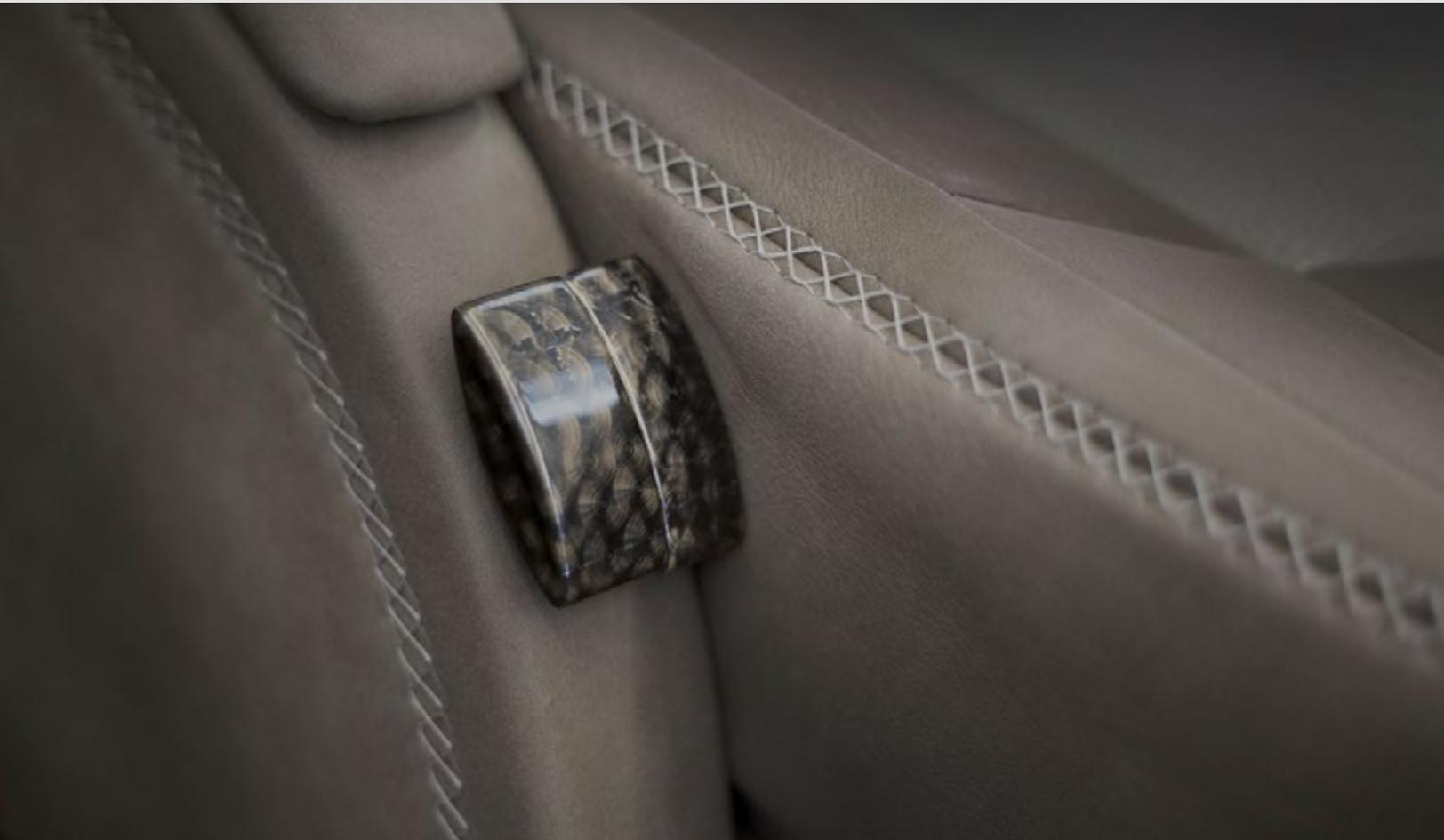
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