



THE INCREDIBLE  
**FALCON 7X**

I N C R E D I B L E  
VISION

TO SEE THE FUTURE IS ONE THING. TO CREATE IT IS EVERYTHING.

Forbes magazine said it best: "The Falcon 7X might just be the coolest business jet ever built." And both the business world and aviation industry have greeted the Falcon 7X with continuing accolades.

Small wonder.

Because a world of CEOs and pilots – as well as the world's leading engineers and computer experts – have had a hand in making this a business jet of many firsts.

First to use the world's leading digital design and manufacturing system. First to use digital flight controls. First to have an extraordinary new high-transonic wing. First to have service and maintenance designed in. First ultra-long-range business jet with the fuel efficiency of a smaller plane.

And now, first among Falcons. Flagship of a fleet of business jets that share the leadership in everything from performance and efficiency to versatility and long-term retained value.

Indeed, the Falcon 7X is a business dream. Ready at a moment's notice. Up and away in record time. Able to handle small airfields and swift multi-city trips like no other aircraft its size. Or to whisk eight passengers over oceans and continents in spacious elegance – within a whisper of the speed of sound.

This is the sophisticated new measure of business jets – from its stylish elegance to its leading technology – a quantum leap into the future.

As one glance at the following pages will reveal.



I N C R E D I B L E  
RANGE & AGILITY

TO REACH AROUND THE WORLD. TO GO WHERE OTHERS CAN'T.

The Falcon 7X will comfortably fly eight passengers a distance of 5,950 nautical miles at Mach .80. With a maximum operating speed of Mach .90 – fastest in its class.

And that's just the beginning.

It gives you a world of advantages over other long-range jets – whether you make a spur-of-the-moment trip to an out-of-the-way location or a globe-circling journey to the world's major business centers.

The 7X's short pre-flight setup, its quick climb to altitude and high cruise speeds all combine to save you time – in more ways than one.

Its tri-jet power and unique aerodynamics let it

take-off and land at slower speeds than anything else in its class – letting you access thousands of small airports.

And its robust design allows the 7X to land with fuller fuel tanks – giving you unique flexibility.

You can make short hops from city-to-city, picking up passengers en route, then immediately leap across an ocean or a continent – without the time-wasting bother of stopping to refuel.

The fact is, you can take this big, comfortable plane to places you used to take a smaller one – and do it with the same ease and efficiency.

Pleasing you, your guests, your staff, your pilots and especially your shareholders.

I N C R E D I B L E  
COMFORT & STYLE

A WORLD OF ROOM – AWAITING YOUR PERSONAL TOUCH.

At six-foot-two by seven-foot-eight, the Falcon 7X cabin is a high, wide and handsomely-proportioned executive suite – with a host of amenities and tools.

Ergonomically-adjustable seats, a full-length wardrobe, stand-up lavatory, full-size galley, the most advanced atmospheric and acoustical controls and twenty-eight large windows to bring you natural light and spectacular views.

Plus all the technologies of today's business office skillfully built into the sumptuous decor.

The only part missing is your input.

And creating the interior that reflects your taste is no longer the time-consuming task it once was.

Thanks to our proprietary CATIA software and world-class design professionals, a process that used to take days is now a matter of a few pleasant hours.

You select the layout, colors and styles and our designers, cabinetmakers and technicians bring it to life – the perfect venue for work or entertainment – with ample room to meet productively, work independently, dine elegantly and, on those long overnight flights, sleep comfortably.





As the miles slip quietly by, this spacious cabin gives you plenty of freedom to converse, work unencumbered, read or just relax in your space. Windows 40 percent larger than previous Falcons provide ample, rich natural light. The finest of amenities and a world of connectivity are at your fingertips.



Because sleep is serious business on overnight trips, parts of your cabin are designed to convert easily into a comfortable bed. All the better for you to arrive rested and refreshed.





The galley is thoughtfully engineered to simplify the flight attendant's job. It's well equipped and amply sized, so passengers and crew alike can enjoy full-course dinners, light snacks and refreshments on any flight.



I N C R E D I B L E  
DESIGN & TECHNOLOGY

ONE REVOLUTION AHEAD OF A CHANGING WORLD.

Just as the digital revolution is leading every business in new directions, Dassault is leading the way with Product Lifecycle Management (PLM) systems and software.

Today, over 70,000 companies use PLM to reduce the time and money that goes into – and to enhance the performance and profitability that comes out of – new products in hundreds of industries worldwide.

And the Falcon 7X is leading the edge.

It's the first business aircraft created digitally – end-to-end – in every detail. The design of the aircraft and its parts. The machines that make the parts. The robotic tools. The assembly process. And all the testing – from

the way the wings flex in flight to the way the seats are installed in the cabin. Even to the way Falcon technicians will perform their service and maintenance tasks.

No models. No mock-ups. No guessing.

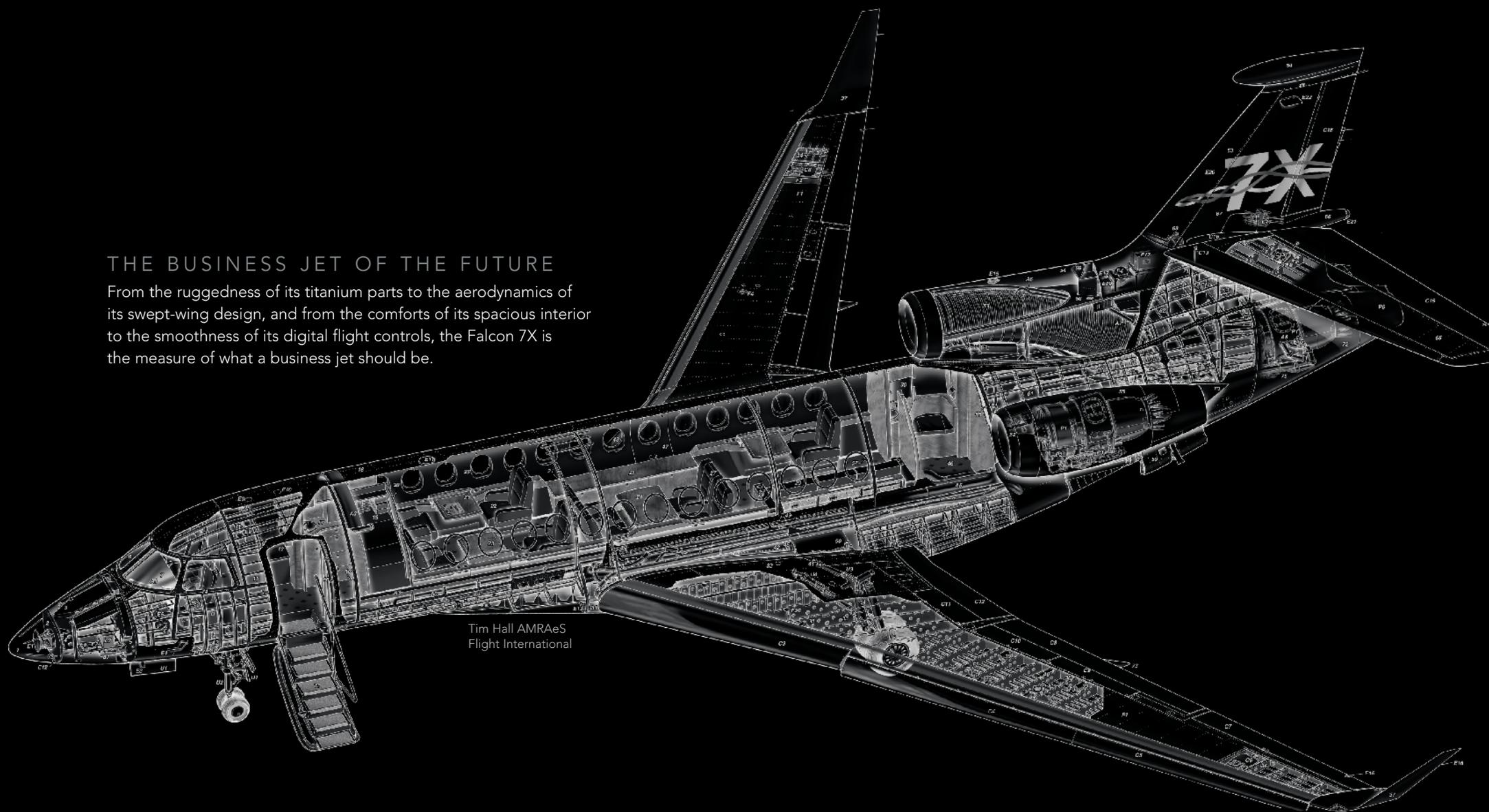
Just an aircraft – designed to be stronger, lighter, quieter, more comfortable, reliable and efficient than anything before it – moving from the digital world to the real world with a precision that independent observers have called “astonishing.”

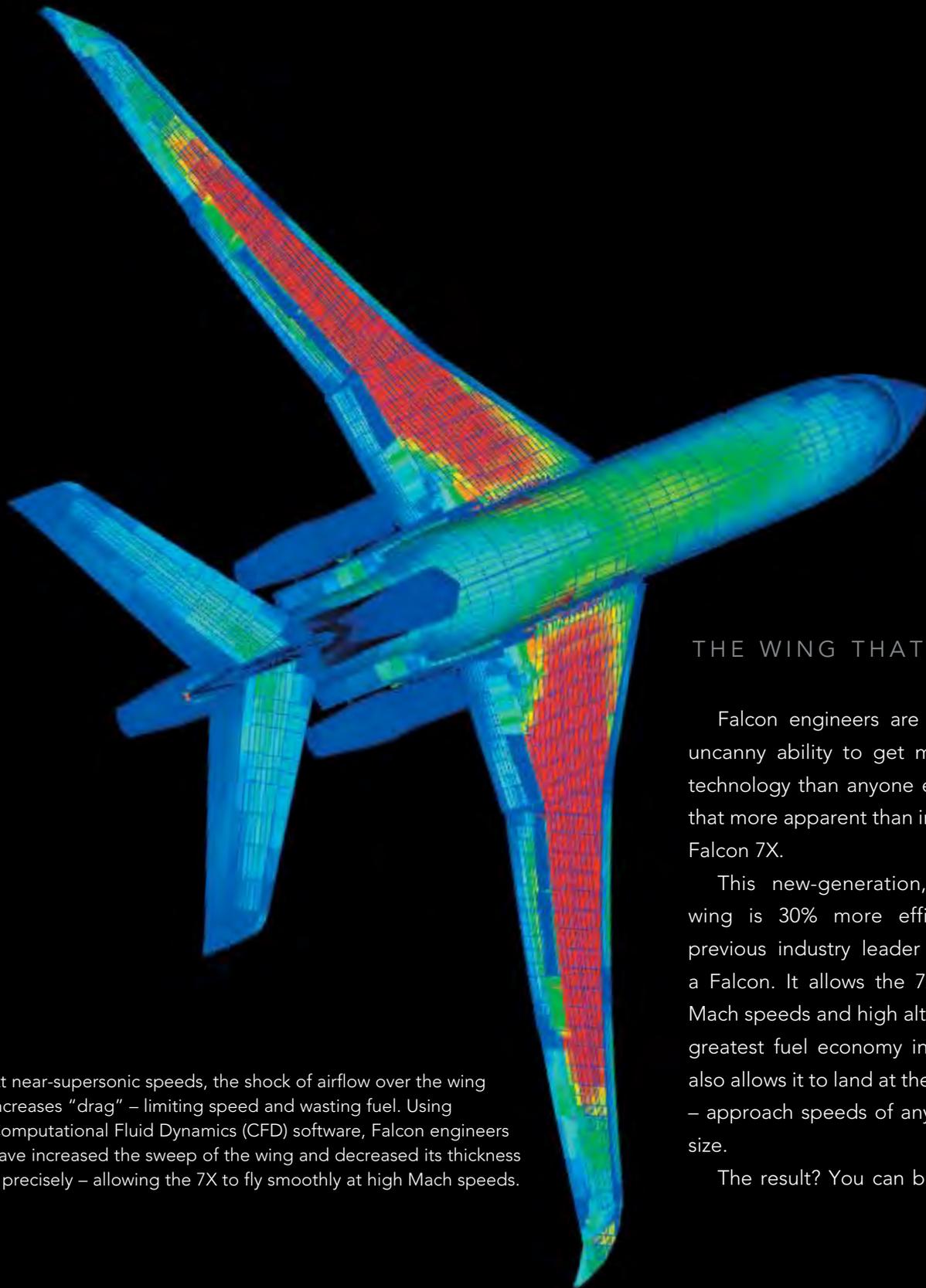
It is the aircraft that has changed the way business jets will be built in the future.

## THE BUSINESS JET OF THE FUTURE

From the ruggedness of its titanium parts to the aerodynamics of its swept-wing design, and from the comforts of its spacious interior to the smoothness of its digital flight controls, the Falcon 7X is the measure of what a business jet should be.

Tim Hall AMRAeS  
Flight International





At near-supersonic speeds, the shock of airflow over the wing increases "drag" – limiting speed and wasting fuel. Using Computational Fluid Dynamics (CFD) software, Falcon engineers have increased the sweep of the wing and decreased its thickness – precisely – allowing the 7X to fly smoothly at high Mach speeds.

## THE WING THAT IS TAKING FLIGHT INTO THE FUTURE.

Falcon engineers are known for their uncanny ability to get more out of any technology than anyone else. Nowhere is that more apparent than in the wing of the Falcon 7X.

This new-generation, high-transonic wing is 30% more efficient than the previous industry leader – which is also a Falcon. It allows the 7X to fly at high Mach speeds and high altitudes – with the greatest fuel economy in its class. Yet it also allows it to land at the slowest – safest – approach speeds of any business jet its size.

The result? You can breeze from Paris

to Los Angeles in utter comfort and with unmatched fuel economy. And, since you can land at less than 105 knots – your pilots enjoy unprecedented stability and control, while you enjoy uninterrupted peace of mind.

Best of all, the 7X wraps a widebody cabin in a lighter, leaner, more robust airframe – delivering more value than other ultra-long-range business jets.

And each wing is married to its aerodynamic fuselage with 102 titanium alloy bolts, creating a strength for which all Falcons are renowned – the most robust aircraft in its class.



## SUDDENLY THE SKY IS MADE OF SILK.

For over 40 years, we've been building fighter jets — the legendary Mirage and Rafale — that perform at twice the speed of sound and nine times the force of gravity.

Now, for the first time, the secrets to controlling those ferocious birds have been built into the Falcon 7X to give it smooth-flying characteristics that are truly incredible.

The advanced network of electronic sensors, computers and servo-motors that the military calls fly-by-wire have been transformed into the most sophisticated flight-control system ever in a business jet.

We call it our Digital Flight Control System.

Pilots are calling it "Awesome," and saying that it has "far surpassed" the expectations of these, the most critical customers in the sky. And Falcon 7X owners agree that "suddenly the sky is made of silk."



Digital Flight Control uses the power and precision of its system to monitor the aircraft's attitude as it flies and automatically make multiple adjustments — to the wing, elevator and rudder — that will keep it flying smoothly and safely.

It is not a replacement — but an enhancement — for the best of pilots. A powerful tool that the most experienced pilots are now using to their advantage.

On long flights, it relieves stress and fatigue. It also assists pilots in making precise adjustments instantly. In emergencies, it helps the pilots to maneuver quickly and safely while using maximum performance.

And while no one can control turbulence in the air, nothing can touch the incredible Falcon 7X for smooth flying. Giving owners and passengers the pleasure — and cachet — of flying like no one else in the world.

I N C R E D I B L E  
COMMAND & CONTROL

THE WORLD'S MOST ADVANCED FLIGHT DECK.

Falcon's EASy II flight deck is home to some of the proudest pilots – and recipient of some of the loudest applause – in the industry.

As *Flying* magazine wrote: "Falcon Jets have always been marvels of technology as Dassault has developed elegant solutions to the issues of drag control, flying qualities and runway performance. Now with the Falcon EASy flight deck avionics system Dassault has changed the way pilots fly business jets."

And while it has been proven and popular with pilots on other Falcons, the 7X will be EASy-est of all.

Pilots now plot the swiftest, safest flight plan in minutes – and change it in seconds.

They can literally see where they are and where they're going at all times with a real-time moving map. They can operate everything with the stability of a point-and-click trackball and a jet-fighter-style sidestick. In an emergency, they can see both the problem – and the solution – on-screen.

The rest of the time they manage the flight with unmatched command and control – giving the passengers unprecedented peace of mind.





Everything a pilot sees and does is designed to be done Head-Up – for the greatest situational awareness.

Based on Honeywell's Digital Engine Operating System (DEOS), the EASy flight deck is a working environment that brings the ease-of-use features of the desktop computer to the business jet cockpit.



All work is designed to be done with the greatest speed and accuracy when it's needed – and the least stress when it's not.



Each pilot has an independent side-stick control – like a fighter pilot – for the most precise flight path control, of any business jet. Trim is totally automatic.

Each pilot has a trackball-type Cursor Control located where the inside hand naturally falls in its relaxed position.

I N C R E D I B L E  
POWER & EFFICIENCY

FUEL EFFICIENCY 15% - 30% AHEAD OF ITS CLASS.

The three Pratt & Whitney Canada PW307A engines that power your Falcon 7X are custom designed for this aircraft, using our trademark configuration – recognized as the industry model of performance, safety, and efficiency.

They give it superb short-takeoff muscle, ocean-spanning stamina and a whisper-quiet ride which allows you to use airports near business and residential areas that prohibit noisier aircraft.

And, integrated into the aerodynamics of the 7X, this is the power base for a plane with 15% - 30% greater fuel efficiency than anything else in its class.



These tough, reliable, proven engines have a history of more than 6.9 million flight hours logged on airliners and other jets. They need no overhauls for 7,200 flight hours – which is the equivalent of over fourteen years of typical operation. They are environmentally friendly – operating well within the FAA/EPA and ICAO emissions standards. They come with an outstanding warranty, guaranteed maintenance plans – and the worldwide support of Pratt & Whitney Canada.

They will help add immeasurable productivity to your business and measurable value to your Falcon 7X.



I N C R E D I B L E  
**SERVICE & CARE**

WHATEVER IT TAKES™

**We keep you flying.**

Our service objective is simple: to keep you flying safely, reliably and economically — whatever it takes. We hold ourselves to a higher standard in every aspect of customer service. From zero tolerance for anything less than readiness when a call is dispatched, to our goal that you never wait more than 20 seconds for a 'live' response when you phone our Technical Center.

**Global resources, 24/7/365.**

Our global service network spans five continents. And with five factory-owned and 30 authorized service centers and 10 spares distribution centers, it's among the world's most comprehensive. Around the clock, around the globe, our doors are open to receive you. Our spares experts are waiting to assist you. And our Customer Service and GoTeams stand ready to support you.

**Comprehensive programs and services.**

As a Falcon operator, you have access to programs and services that enhance safety, budget control, efficiency and performance. From FalconLink®, the industry's first remote maintenance system, to FalconCare®, a 'pay as you fly' tool for predictable maintenance costs, Falcon Services represent a comprehensive and ever-evolving portfolio designed to help you get more out of your Falcon aircraft.

**It's all about you.**

The passion that drives our engineers to design and build the best aircraft in the world today is matched only by the passion of the people who service those planes. Throughout the life of your Falcon, our service professionals bring you the skills, experience and dedication that guarantee your satisfaction.



Falcon's worldwide network of facilities is prepared to receive your 7X for service and maintenance on its regular schedule. Our Technical Call Centers are ready 24/7 in case of emergency. Every step of maintenance and service is pre-determined and described in detail to ensure every technical task is efficiently dispatched. And every part, every system, every service record on your 7X is continuously updated in a database kept with the aircraft as well as with us.

I N C R E D I B L E  
VALUE & LONGEVITY

AN ASSET THAT HOLDS ITS VALUE. A DECISION THAT PROVES YOUR WISDOM.

Over the past decade, Falcons have been proven to retain greater value than competitive planes. The Falcon 7X should prove even more-so.

From its revolutionary wings and powerful tri-jet design to the quiet elegance of its sumptuous cabin, every luxury is more than paid for with efficiency, agility and economy unmatched in its class – indeed in its industry.

And the 7X builds on Falcon's 50-year reputation as the industry's most "robust" aircraft.

The fact is, the Falcon 7X actually holds its value

more than the competition – thanks to the exceptional technology, planning and highly-skilled people who created it.

It is now the flagship of a family of planes known for being the best-designed, best-built, best-flying business jets in the world.

They are business jets that are as popular in the pilot community as they are in the business community.

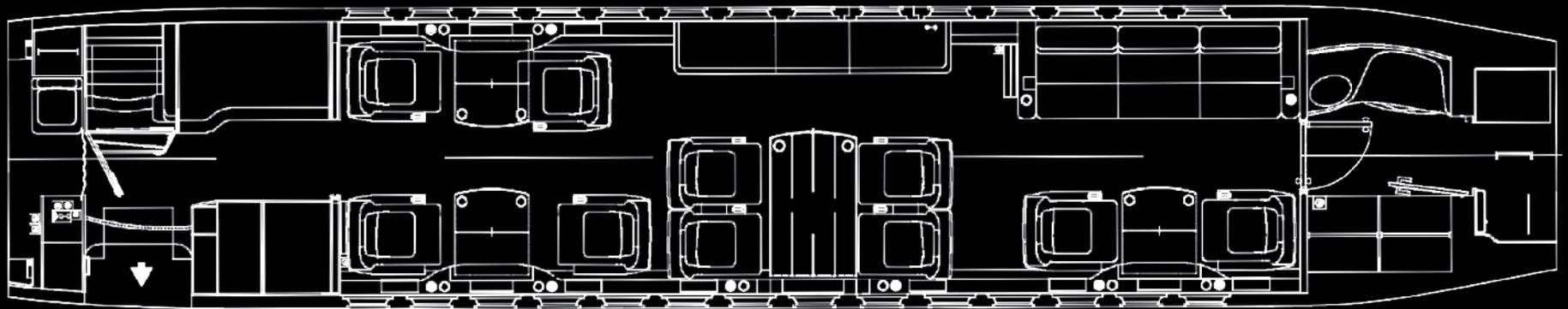
When you add it all up, one thing is clear.

Owning a Falcon 7X will surely be a decision that proves its wisdom as the decades fly quietly by.





Here is a sampling of the twelve to fourteen place interiors we've designed for the Falcon 7X series customers. One of them may meet your needs but if not, give us a call! We can propose a variety of other options.

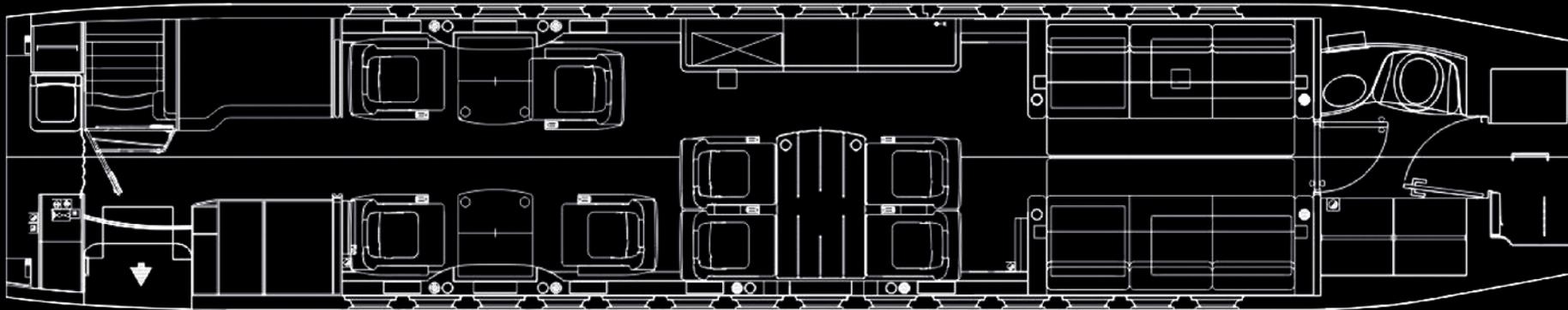


**Optional Thirteen Passenger Floorplan**

*Forward Double Club, Dining Group, Credenza,  
R/H Three-Place Divan, and AFT L/H Club Group.*



**Standard Twelve Passenger Floorplan**  
*Forward Double Club, Dining Group, Credenza,  
Three-Place Divan, and Single Executive Seat  
with Console Table.*



**Optional Fourteen Passenger Floorplan**  
*Forward Double Club, Dining Group, Credenza,  
and 2 Aft Three-Place Divans.*

# RANGE MAPS

## NON-STOP RANGE FROM MUMBAI



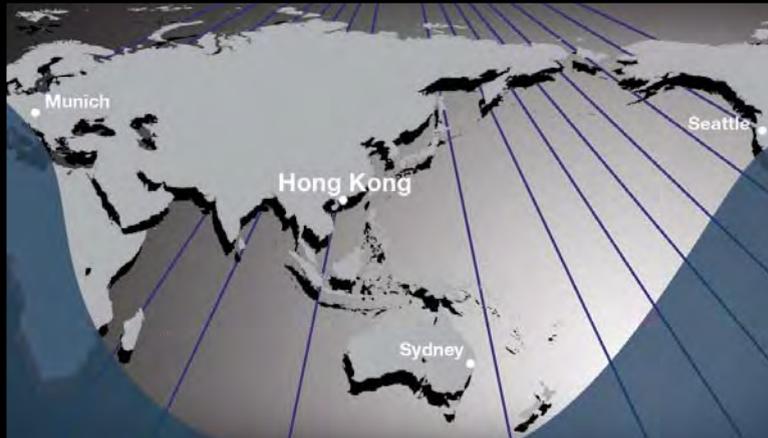
From Mumbai, all of Europe, Asia, Australia and most of Africa – including Cape Town – is within the Falcon 7X's non-stop range. That makes all major business ports throughout the world's fastest growing regions comfortably accessible.

## NON-STOP RANGE FROM DUBAI



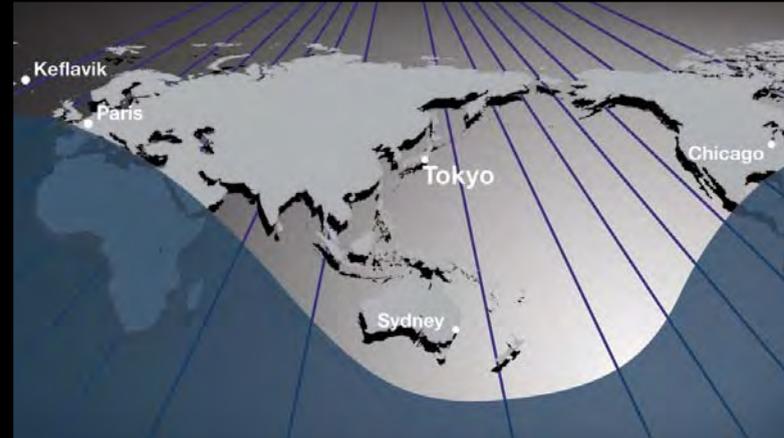
From Dubai, one of the most economically and culturally dynamic cities in the world, the Falcon 7X can fly direct to anywhere in Europe, Asia, Africa and most of Australia.

## NON-STOP RANGE FROM HONG KONG



From Hong Kong, the Falcon 7X can fly non-stop west to Munich or east to Seattle, and anywhere in between. This places worlds of economic opportunity within easy reach.

## NON-STOP RANGE FROM TOKYO



From Tokyo, London, Paris and Chicago fall within the Falcon 7X's list of available non-stop destinations.