



400XTi

nextant **aerospace**

//REIMAGINED //REBUILT //REBORN

www.nextantaerospace.com

//REIMAGINED

There is a new leader in the light-jet race – a leader in performance, comfort and innovation. The Nextant 400XTi is one of the fastest aircraft in the sky, getting you to your destination quicker than anything else in this cabin size. And it goes further, with an operational radius that puts whole new territories within reach.

Its ergonomically designed cabin optimizes space and efficiency while low-noise levels minimize fatigue. Fully equipped to support high-value users, its data and communications systems ensure maximum productivity at all times.

Intelligent use of advanced technology makes the 400XTi exceptionally economical to own and operate. Low maintenance costs are backed by a factory support whole aircraft maintenance program and a world-wide network of owned and authorized service centers.

There is just one more thing you need to know: all this capability is yours for half the price of a comparable aircraft.

That is leadership.

//NEXTANT – WHEN YOU NEED MORE THAN JUST A NEW PLANE.



// REBUILT

Nextant has the engineering pedigree and financial strength to rival any legacy airframe constructor. It is a pedigree that puts years of technical and operational know-how into the most thorough aircraft rebuild in the industry. Nextant's formula for success integrates an unlimited-life structure with a perfectly matched outfit of new engines, avionics, interiors and systems.

This optional 6,000 man-hour process of meticulous inspection, overhaul and renewal delivers a factory-fresh aircraft that meets or exceeds all relevant FAA

and EASA standards. With Williams FJ44-3AP FADEC engines, and Rockwell Collins Pro Line 21™ avionics, it is listed in Aircraft Bluebook as a new product type – already taking its place at the forefront of the light-jet market in safety, economy, performance and handling.

Add the latest acoustic insulation system and the finest furnishings and fittings elegantly enhanced by a bespoke exterior finish. The result is an investment that looks as good on the flight line as it does in the annual report.

76	H Range Master	Nav-4-2555 § -2561	46,250	72,627	64,000	51,000	No Change	Cont 285hp • IO-520-BA	35,000	1700	5	Prod w/FD & A/P
Recent ADs: 04-8-10 • 05-24-9 • 07-8-4 • 06-5-14 • 09-19-7												
Add for - Io eng \$20.59 hr • IO-520-B-BA eng fir & o'haul values based on 'permold' heavy cases. Light case changed to heavy, add \$2,850 for used case, \$8,616 for new, to o'haul cost.												
NEXTANT 400XT (Twin fan-jet)			BASE AVG = Remanufactured Hawker Beechcraft model 400A/XP serial number specific w/fresh Life Ltd Components • Collins ProLine 21 4-tube integrated systems • IFIS • XM WX • DBU 5000 • Dual 110VAC outlets • Williams TAP • RVSM • TAWS • 8-Place cabin • Avg AFTT • exc P&I • Fresh Inspections • ADs & SBs compiled									
11	400XT	RK28, RK108, RK122, RK248, RK274	3,975,000	4,153,700	4,153,700	3,687,000	No Change	Williams 3050 lb thr • FJ44-3AP (FADEC)	375,000	4000	10	Check logbooks for original airframe date of manufacturer
Add for - AMS 850 w/DBU5000 GPS 4000 \$230,000 (\$138,000) • TCAS 4000 dual mode S \$113,500 (\$68,100) • Aircell \$110,000 (\$66,000) • Collins Venue IFE \$130,000 (\$78,000)												
PACIFIC AEROSPACE 750XL (SqJ turboprop, fixed tri-gear)			BASE AVG = Garmin 430 GPS • Garmin 340 audio panel • Garmin GTX 330 mode S xpr • Artex 406 ELT • Electric trim • Std instruments • AVG TTAF • 2,000 SMOH • ADs/SBs compiled • Complete logs • Exc P&I • Fresh Inspections • No DH									
04	750XL	104 § 109, 111, 113	800,000	810,000	800,000	687,000	No Change	P&W 750shp • PT6A-34	300,000	4000	10	Serial numbers before 104 have DOM and CofA prior to 2004. Check aircraft logbooks

// AIRCRAFT BLUEBOOK

nextant aerospace	
STC TYPE:	400XTi
PRODUCTION #:	30
SERIAL #:	RK209
MODEL YEAR:	2016

// FAA DATA PLATE





//HOT & HIGH PERFORMANCE

From the highest mountains to the hottest deserts, the 400XTi was conceived with worldwide travel in mind. Nextant designers chose the latest generation FJ44-3AP engine for its proven performance at the most demanding high-temperature and high-elevation airports.

For example, in a 400XTi four passengers can fly from Aspen, Colorado to Teterboro, New Jersey on a 15°C day without making a fuel-stop en-route.*

*IFR Reserves – 100nm alternate, average equipped aircraft

//POWER PLANT: FJ44-3AP ENGINE

The 400XTi's exceptional range is largely due to the revolutionary FJ44-3AP engine which is significantly lighter and more fuel efficient than its predecessors (by up to 32 percent).

Full Authority Digital Engine Control (FADEC) eliminates the need for a thrust reverser – further reducing weight and operating costs whilst improving operational reliability.

The addition of Autothrottle saves fuel and greatly reduces pilot workload, especially at critical phases of flight.

As well as increased range and reduced fuel burn, the FJ44-3AP performs in the workshop too with maintenance costs 27 percent lower than for the engines it replaces. Time between overhauls is extended to 5,000 hours.

The engine is also significantly quieter, allowing the 400XTi to be certified to Category IV noise compliance regulations.

Finally, the FJ44-3AP produces 32 percent less greenhouse gas (GHG) than previous generation engines – an important factor for international markets and of growing relevance in the US.

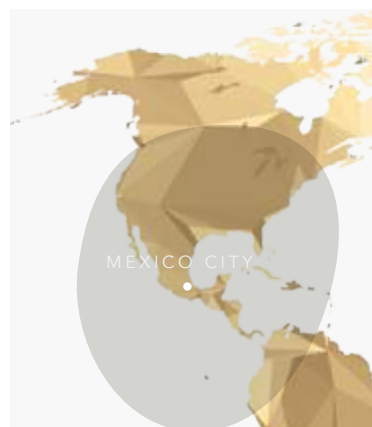
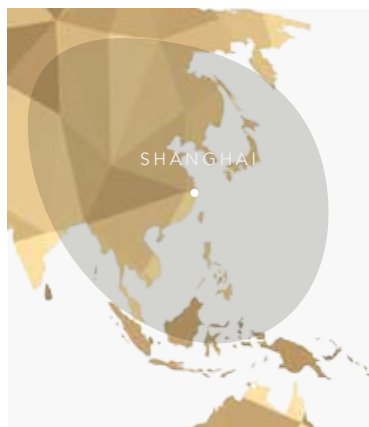
An elevation of nearly 7,850ft (2,400m) can make Aspen a challenge to operate from on summer days. Not for the Nextant. The 400XTi is capable of flying four passengers non-stop from Aspen, Colorado to Teterboro, New Jersey on a 15°C day. (IFR Reserves – 100nm (185km) alternate, average equipped aircraft)



//OUTFLY (AND OUTSAVE) THE COMPETITION

The 400XTi pays its greatest dividends in range and operating costs, with a best-in-category range nearing 2,000nm* and operating costs of just

\$2.13 per mile**. The 400XTi delivers the lowest operating cost/mile in its class.



*(four passengers, IFR reserves – 100nm or 185km alternate).

** All comparative data based on BCA Purchase and Planning Handbook and Operations Planning Guide. Operating cost per kilometer on IFR 1,852km mission with four passengers @ \$4.90 per gallon.

//Nextant 400XTi Ranges – Zero Wind Range

//AERODYNAMIC ENHANCEMENTS

With their distinctive LED lights the 400XTi's raked winglets might look like a style statement but in fact they contribute to improved performance by reducing drag. Using the same computational fluid

dynamics (CFD) analysis, airflow over the aft fuselage and engines was also refined to add to the 400XTi's already impressive range figures.





//AVIONICS

The Rockwell Collins Pro Line 21 avionics system is at the heart of most modern business aviation cockpits. In the 400XTi it is combined with equally advanced powerplant and aerodynamic technology to deliver improved aircraft performance, low operating costs and a host of safety and maintenance benefits. The uncluttered instrument panel features just four LCD screens – the iconic *glass cockpit* – significantly

reducing pilot workload while contributing to a better awareness of flight progress, weather hazards and other traffic. Engine, electrical, fuel and other systems are seamlessly integrated to provide pilots with all the information needed for safe and economical management of the aircraft. Pro Line 21 is designed for in-service upgrades so operators and flight departments can plan ahead with confidence.

//AVIONICS

BASE AVIONICS SYSTEM INCLUDES:

- › Four LCD Adaptive EFIS Displays (Pro Line 21)
- › Synthetic Vision (2016)
- › Dual Collins FMS 6100
- › Single IFIS installation (electronic charts) Version 6
- › Dual Solid State AHRS 3000S
- › ADS-B Out
- › Collins Autopilot
- › Global Positioning System – GPS 4000S
- › Dual Collins Communication Transceivers
- › Dual Collins Navigation Receivers
- › Collins DME/ADF
- › Dual Collins Transponders
- › Collins Radar Altimeter
- › Collins Weather Radar
- › Terrain Avoidance Warning System (TAWS)
- › Dual Marker Beacons
- › RVSM Compliant
- › TCAS II
- › WAAS/LPV
- › 406 MHz ELT
- › DBU 5010E database loader
- › Standby Attitude Module (SAM)
- › Digital 3:1 Standby Gauges

INTERNATIONAL OPTION PACKAGE CONSISTING OF:

- › Digital Flight Data Recorder (DFDR)
- › TAWS A
- › Enhanced Mode S Surveillance and Flight ID

ADDITIONAL OPTIONS:

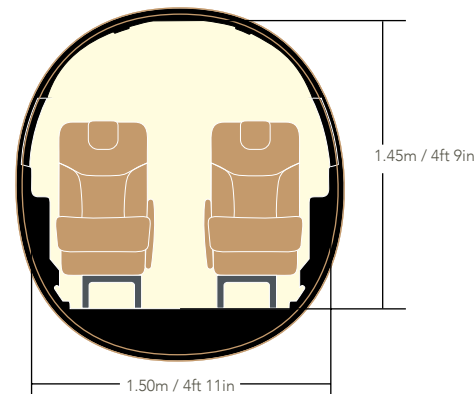
- › XM Weather (graphical weather displays available on either MFD)
- › KHF 950 HF Radio with Selcal functionality
- › Second IFIS
- › Second GPS
- › Aircell Axxess® System: Combined high-speed wireless internet & dual Satellite phone
- › ST3100 Satellite Phone
- › Auto Throttle System

//REBORN

It is on the inside that you really appreciate the possibilities of life with a 400XTi. Always famous for its unique-in-class flat-floor design and *squared oval* cabin cross-section, the 400XTi now has a revolutionary new composite shell cabin interior which adds an extra 3 inches (7 cm) at shoulder level and an additional 2.5 inches (6 cm) headroom. Among many seating options the most popular is the three-place divan + four-place club seat, perfect for creating spacious surroundings that you can really appreciate on the longer stage-lengths now available. Just as welcome in minimizing fatigue is the 9db noise reduction made possible by the cabin's new acoustic insulation package which makes the 400XTi by far the quietest in its class. And, no matter where you are, the 400XTi's APU will supply fresh, conditioned cabin air independent of ground support.

Even the lavatory has received a makeover and now features an additional 4 inches (10 cm) of interior space for extra comfort and privacy.

Whichever interior you choose, there's still room for a full-service galley with space for dual hot cup containers (MAPCO), dual ice containers, a waste container and plenty of stowage for wine and sodas. You can even specify an espresso machine for instant refreshment on the fly.

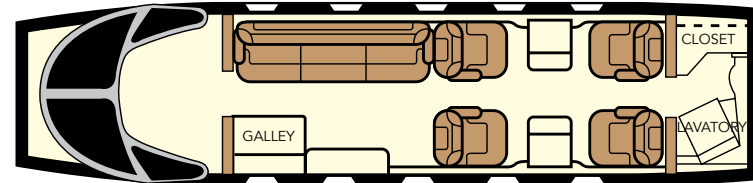


// CABIN CROSS-SECTION

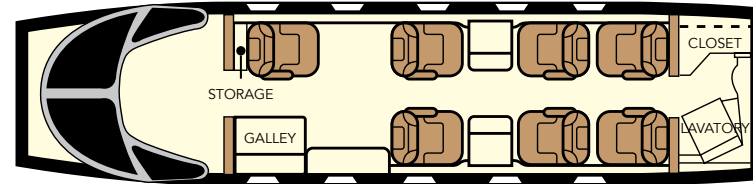
// Cabin baggage capacity .57 cu. m.

External aft baggage capacity .75 cu. m.

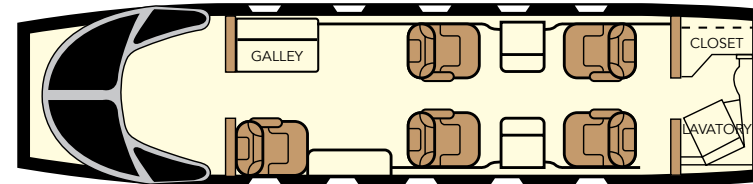
Total baggage capacity 1.31 cu. m.



// 8 PLACE INTERIOR WITH DIVAN



// 8 PASSENGER/LEFT-HAND GALLEY FLOOR PLAN
(left-hand galley RK 109 and prior, right-hand galley RK 110 and higher)



// 6 PASSENGER FLOOR PLAN

//CUSTOMIZED PAINT AND INTERIOR DESIGN

Each 400XTi is delivered with a refined, handcrafted bespoke interior and striking custom exterior paint design. With years of experience, our professional design team and craftsmen are ready to create a jet to your precise specification. With a choice of the finest hardwoods and laminates, leathers, carpeting

and fabrics for the interior it is also possible to add touches of luxury and the latest in integrated digital productivity and entertainment technologies. You can create exclusive artwork, lighting and special features – then admire your own corporate colors flying high on the 400XTi's exterior paint scheme.



nextant aerospace



// AIRCRAFT WARRANTY

In addition to our standard warranty on the engines and avionics, Nextant offers a comprehensive whole aircraft maintenance program that provides both piece of mind and guaranteed operating costs for our customers. The program is separated into three components to provide decision making flexibility for our owners:

- › Extended avionics program
- › Engine maintenance program
- › Airframe inspection and maintenance program

Additional details are available through our product support division.





//ADDITIONAL CABIN FEATURES

Further options are available to make the most of the 400XTi in-flight experience.

LED LIGHTING

An optional high-quality LED cabin lighting system can be installed in place of traditional incandescent fixtures to provide more consistent, energy-efficient lighting as well as greatly reduced maintenance.

AIRCELL AXCESS® CABIN COMMUNICATION SYSTEM

While business jets have long been known to enhance corporate productivity, the Axxess System lets you make the most of your time in the air. Axxess provides both satellite phone service and true high-speed

Wi-Fi service. Bandwidth is sufficient to allow multiple passengers simultaneous internet access. Axxess includes two phone handsets – one in the cabin and one in the cockpit – with intercom capability.

Dual 110V / 220V AC Universal Power Outlet and two optional 110V / 220V outlets provide continuous power for business and personal electronic devices.

Adjacent to each power outlet are optional RJ-45 Ethernet ports which connect to the Aircell Axxess Broadband system, if installed.





//400XTi COMPARISON TABLE

The 400XTi by Nextant Aerospace is the only remanufactured light jet that clearly outperforms the competition in nearly every category and is available at an unbeatable price point.

	400XTi	PHENOM 300	CJ3	CJ4	Lear 70
Remanufacturing/Purchase Price (\$)	3.0M	8.9M	7.9M	8.9M	10.6M
Output Thrust Per Engine	3,052 lbs	3,360 lbs	2,820 lbs	3,621 lbs	3,500 lbs
Long Range Cruise Speed	406 nm	383 nm	352 nm	377 nm	435 nm
High Speed Cruise Speed	447 nm	444 nm	415 nm	442 nm	451 nm
Takeoff Length at MTGOW (Sea Level/ISA Std. Day)	3,821 ft 1,165 m	3,136 ft 956 m	3,179 ft 969 m	3,310 ft 954 m	4,688 ft 1,426 m
Landing Distance (Four Pax, IFR Res., SL, ISA)	2,898 ft 883 m	2,217 ft 676 m	2,421 ft 738 m	2,248 ft 685 m	2,355 ft 718 m
Single Engine Climb Rate (ft / min)	845	918	808	858	394
Range (Four Passengers IFR Res.)	1,929 nm 3,710 km	1,903 nm 3,695 km	1,802 nm 3,126 km	1,927 nm 3,719 km	1,590 nm 2,945 km
Maximum Range	2,160 mile 4,000 km	2,080 mile 3,852 km	1,913 mile 3,543 km	2,035 mile 3,769 km	1,684 mile 3,119 km
Operating Cost (\$)**	2.33 / mile	2.41 / mile	2.73 / mile	2.95 / mile	2.99 / mile
Time to Climb All Engines	16/FL370	14/FL370	15/FL370	14/FL370	15/FL370

All comparative data based on BCA Purchase and Planning Handbook and Operations Planning Guide.

*100 nautical mile (185km) alternate. Range based on base model aircraft.

**Operating cost per kilometer on IFR 1,852km mission with four passengers @ \$4.90 per gallon.

//400XTi DIRECT OPERATING COSTS (\$)

FUEL	
Fuel Cost per Gallon	4.50
Gallons/Hour ¹	137
Total	616.50
MAINTENANCE/PARTS²	
Maintenance Labor	119.04
Parts – Airframe/Engine/Avionics	106.20
Engine Restoration	295.00
Total	520.24
MISCELLANEOUS EXPENSES³	
Landing/Parking	16.73
Crew Expenses	64.94
Supplies/Catering	30.90
Total	112.57
TOTAL VARIABLE COST PER HOUR	1,249.31
COST PER NAUTICAL MILE⁴	2.357

1 Average fuel burn on a 600nm (690sm) trip

2 Guaranteed Whole Aircraft Maintenance Program

3 Taken from Conklin & de Decker 2012 Vol. II Issue and subject to change

4 Based on 460 knots (530 mph) average speed

Note: Numbers are estimates only and subject to change

“Nextant has fielded an aircraft that eclipses the Hawker and performs on par with the Phenom 300 and CJ4. Flight Operations Managers who have a fiduciary responsibility would be remiss not to take a close look at the Nextant 400XTi.”

MICHAEL GERZANICS, FLIGHT INTERNATIONAL
MAY 2013

//TRAINING

Despite its latest generation technology, extensive automation and advanced design features, the crucial element in the 400XTi's safe and efficient operation is still an experienced, well-trained and fully current flight crew. That is why Nextant has formed a partnership with industry leader CAE SimuFlite to be its exclusive supplier of specialized flight training.

Included in the aircraft purchase price, each 400XTi owner will receive training for two pilots with an optional line maintenance familiarization course. CAE will provide initial and recurrent training in a dedicated, level D full-flight simulator, timed to enable crews to be fully qualified before aircraft delivery.



//GLOBAL CUSTOMER SUPPORT

The 400XTi delivers great performance at an unbeatable price. But long term, we know our customers will measure its true value by the support system that keeps it in the air and working hard. Day after day, flight after flight.

Their investment is a trust we honor with a commitment to providing the best after-sales service in the business.

That is why, before we sold a single jet, we invested heavily in our support network. We spent years creating a complete support infrastructure to keep our class-leading aircraft ahead of the competition, on the ground as well as in the air.

We forged agreements with key industry partners such as CARE™, creating a logistics network that spans the planet. So now our customers can call on the largest number of factory-owned service centers for the BE40 airframe, backed up by the world's biggest

and most responsive 400XTi parts inventory.

All that investment translates into short lead times, quick turnarounds and maximum dispatch reliability. In other words, more efficiency when our customers need it most.

Nextant owners can fly with confidence, knowing that their 400XTi is being cared for by a uniquely qualified team of experts. Our technicians and engineering specialists share a vast operating experience with Beechjet. They are part of a through-life customer service philosophy that focuses on reliability right at the start of the remanufacturing process.

That's why we invest in their expertise too. Just like the aircraft they know in loving detail, it's money well spent.

//GLOBAL PARTS SUPPORT INFRASTRUCTURE

Nextant's powerful parts support infrastructure can quickly and effectively source the exact parts you need, anywhere you fly. We focus all our energy on increasing aircraft availability, minimizing delivery times and reducing costs.

This is possible because we maintain the world's largest inventory of rotatable parts for the aircraft and have access to the industry's leading provider of innovative distribution and supply chain services.

Our Illustrated Parts Catalogue makes it quick and easy to select and order parts directly from the factory. It just takes one call to a Nextant technical representative.

Nextant has partnered with CARE™ to distribute aircraft parts and accessories to our service centers and operators. Together with CARE™, Nextant offers worldwide customer service 24x7x365 through our Cleveland headquarters and strategically located distribution centers & partnerships in the USA, Canada, China, Asia Pacific, Australia, Europe, Middle East and Africa. For a copy of our Illustrated Parts Catalogue, please call +1 216.261.9000 or email service@nextantaerospace.com

SERVICE CENTERS:

Birmingham International Airport (BHM)
4243 East Lake Boulevard
Birmingham, Alabama 35217

Cleveland Hopkins International Airport (CLE)
5211 Secondary Road
Cleveland, Ohio 44135

Cuyahoga County Airport (CGF)
26180 Curtiss Wright Parkway
Cleveland, Ohio 44143

McCarran International Airport (LAS)
5050 Koval Lane, Hangar 17C
Las Vegas, Nevada 89119-1105

West Palm Beach International Airport (PBI)
3800 Southern Boulevard
West Palm Beach, Florida 33406-1434

Augsburg Airport (EDMA)
Airport Road 5
Augsburg, Germany 86169

Lanseria Airport (FALA)
Hangar 104, Gate C
Johannesburg, South Africa 1748

Seletar Airport (WSSL)
West Camp Road
Singapore 797800

AOG SUPPORT HUBS:

- Birmingham
- Los Angeles
- Oakland
- San Francisco
- Orlando
- Atlanta
- Charlotte
- Las Vegas
- Cincinnati
- Cleveland
- Pittsburgh
- Columbia
- Nashville
- Dallas

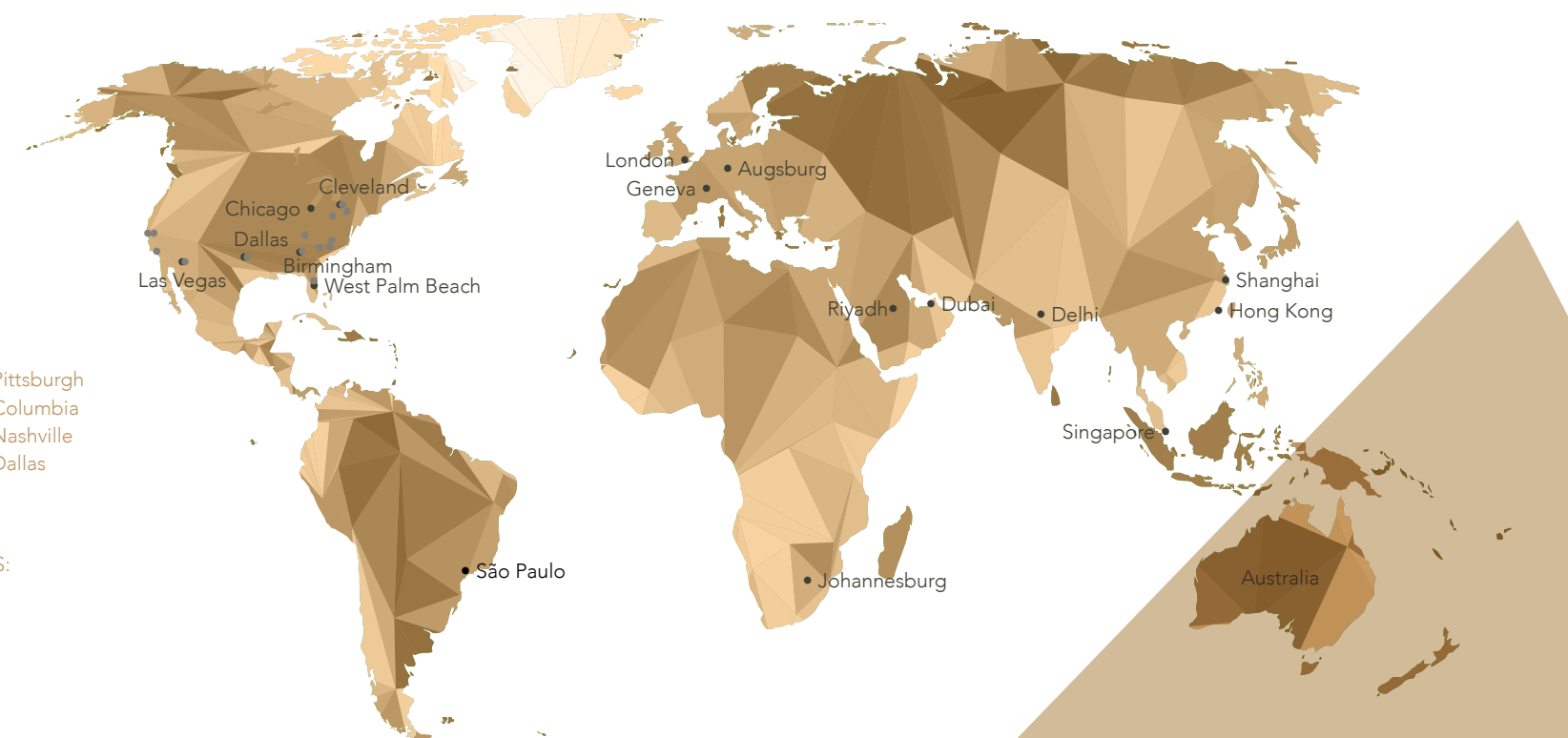
FUTURE SERVICE CENTER LOCATIONS:

- London
- Geneva
- Dubai
- Riyadh
- Delhi
- Shanghai
- Hong Kong
- Australia
- São Paulo

//SERVICE CENTER NETWORK

Nextant's global customer support infrastructure consists of an international network of owned and authorized maintenance and overhaul facilities. The design and manufacturing teams are based at the

headquarters at Cuyahoga County Airport in Cleveland, Ohio. The Service Center Network facilities are available 24/7/365 for any and all maintenance or avionics needs.



//400XTi SPECIFICATIONS & PERFORMANCE

Passengers	2 + 7 / 9	
Wing Loading	67.6 lbs	(30.6 kg)
Power Loading	2.67 lbs	(1.2 kg)

EXTERNAL DIMENSIONS:

Length	48 ft 5 in	(14.76 m)
Height	13 ft 11 in	(4.24 m)
Span	43 ft 6 in	(13.26 m)

ENGINES:

Manufacturer	Williams International	
Model	FJ44-3AP	
Output	3,052/ISA+7°C	
Inspection Interval	5,000 hrs	

WEIGHTS:

Max Ramp	16,500 lb Max	(7,484 kg)
Takeoff	16,300 lbs	(7,394 kg)
Max Landing	15,700 lb Max	(7,121 kg)
Zero Fuel	13,000 lbs	(5,897 kg)
Typically Equipped Basic Operating	10,950 lbs	(4,967 kg)

RANGE:

Maximum Range	2,160 miles	(3,476 km)
Range (Four Passengers IFR Res.¹)	1,929 nm	(3,710 km)

¹Domestic aircraft with BOW of 10,744 lbs (4873 kg)

PAYLOAD / CAPACITIES:

Max Payload	2,050 lbs	(930 kg)
Useful Load	5,550 lbs	(2,517 kg)
Max Fuel Capacity	4,912 lbs	(2,228 kg)
(1 U.S. gal = 6.7 lbs)	733 US gal	
Payload w/Max Fuel	638 lbs	(289 kg)
Fuel w/Max Payload	3,500 lbs	(1,588 kg)

CABIN DIMENSIONS:

Length	15 ft 6 in	(4.72 m)
Height	4 ft 9 in	(1.45 m)
Width	4 ft 11 in	(1.50 m)

CABIN VOLUME:

Cockpit	95 cu. ft	(2.96 cu. m)
Passenger Cabin (including lavatory & baggage)	305 cu. ft	(8.64 cu. m)
Total Volume	400 cu. ft	(11.33 cu. m)

BAGGAGE CAPACITY:

Internal Lavatory/ Baggage Area	27 cu ft/410 lbs	(0.57 cu. m/186 kg)
External/Tailcone	26 cu ft/450 lbs	(0.75 cu. m/204 kg)
Total	53 cu ft/860 lbs	(1.31 cu. m/390 kg)

PRESSURIZATION:

Differential	9.1 PSI	
Sea Level Cabin To (ft)	24,000 ft	(7,315 m)

AIRPORT PERFORMANCE:

Takeoff Field Length:		
Max. Takeoff Weight, Sea Level, ISA	3,821 ft	(1,165 m)
16,300 lbs. TOW, FL050, 25°C/77°F	6,396 ft	(1,950 m)
Landing 4 Pax., IFR Reserves – 100nm alternate, SL, ISA	2,898 ft	(883 m)
Vref	117 kt	

CLIMB PERFORMANCE (MAX TAKEOFF WEIGHT):

Time to Climb / Altitude	16 min / FL 370 FAR 25	
Engine – Out Rate	305 fpm	(93 m/min)
FAR 25 Engine – Out Gradient	158 ft/nm	(48 m/km)

CEILINGS:

Certified	45,000 ft	(13,716 m)
All Engine Service Ceiling	45,000 ft	(13,716 m)
Engine Out Service Ceiling	27,550 ft	(8,382 m)

CRUISE PERFORMANCE (@ 13,000 lbs):

High Speed Cruise Speed	447 kt/514mph	(828 km/hr)
Fuel Flow	968 lbs/hr	(439 kg/hr)
Altitude	FL 430	
Long Range Cruise Speed	406 kt/467mph	(751 km/hr)
Fuel Flow	740 lbs/hr	(336 kg/hr)
Altitude	FL 450	



“The 400XT is in tune with the times. Not only does it offer the prospect of relatively cheap purchasing and operating costs, it is about as green as private jets can get.”

ROHIT JAGGI, FINANCIAL TIMES MAY 2012



// MEMBER OF GENERAL AVIATION
MANUFACTURERS ASSOCIATION

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