

Hawker 400XPR

Product Analysis

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Hawker 400XPR Evolution

This document summarizes the background, specifications, features and benefits of upgrading a Beechcraft 400A or Hawker 400XP to the new 400XPR standard.

Between 2007 and 2010, in-depth customer interviews were conducted along with extensive aerodynamic, propulsion and system studies to establish the performance and features of the next generation Hawker 400XP.

In 2010, driven by strong customer demand for a factory engineered and supported upgrade, Hawker Beechcraft leveraged these extensive studies to create the Hawker 400XPR performance upgrade.

Introduced at the 2010 NBAA Convention in Atlanta Georgia, the 400XPR is an exclusive Hawker Beechcraft designed and supported upgrade that establishes a new factory standard in the light jet market for performance, reliability, cabin size and range at an affordable price point.

Projected to certify in early 2013, the 400XPR features:

- Williams FJ44-4A-32 Turbofan Engines with FADEC
- Genuine Hawker Designed Winglets
- Optional Rockwell Collins Pro-line 21 avionics
 - Optional Integrated Flight Information System (IFIS) for electronic charts & satellite weather

The Hawker 400XPR will exhibit superior hot/high airfield performance, climb direct to maximum altitude, fly over 1,950 transcontinental nautical miles, and deliver outstanding mission flexibility while costing significantly less to operate than non-upgraded Hawker 400XP series aircraft.



Hawker XPR performance is available only for Beechjet 400A and 400XP (RK-) aircraft exclusively at Hawker Beechcraft factory-owned Hawker Beechcraft Service centers

Hawker 400XPR Upgrade Overview

Hawker 400XPR Performance Upgrades combine major aerodynamic and propulsion enhancements that incorporate the latest technology to improve Beechjet / Hawker 400 series aircraft Performance, Range, Operating Cost and Value.

Hawker 400XPR options include the latest avionic situational awareness, navigational and safety enhancements along with partial or complete interior / exterior refurbishments, in-flight entertainment, WiFi voice and data connectivity, comprehensive factory inspection and component overhaul packages, and SupportPlus cost predictability maintenance coverage.

| | FEATURE | BENEFIT |
|--------------|---|--|
| Propulsion | Williams FJ44-4A-32 Turbofan Engines | Maximize performance while lowering DOC |
| | 3,200 lb. thrust flat rated at ISA +17°C | Superior hot/high airfield, time-to-climb and cruise performance |
| | Full Authority Digital Engine Control (FADEC) | Improved engine protection and reduces pilot workload |
| | 16% - 20% SFC reduction | Significantly reduced trip cost |
| | 5,000 hour TBO with no intermediate off-aircraft scheduled service events | Significantly reduced engine restoration cost |
| Aerodynamics | Genuine Hawker Designed Winglets | Maximize aerodynamics and aesthetics Improved climb and cruise plus increased fuel efficiency |
| | Outwardly canted composite construction | Strong and lightweight deliver distinct performance |
| | Factory engineered integral structure | No wing life or inspection schedule impact |
| | Integral LED position lighting | 5,000 hour MTBF integrated within the winglet contour |
| | Stabilization benefit | Improved low speed handling and high altitude stability |
| | | |
| Performance | Superior hot / high airfield performance | Significantly improved TO Field Length, Payload and Range |
| | FL370 in 11 minutes | Class leading time-to-climb |
| | Direct climb to max altitude (FL450) | Increased range, improved ability to fly over weather |
| | 1,950 nm transcontinental range | Longer non-stop trip ability |
| | High landing gross weight | Multi-stop mission capability |

Hawker 400XPR Propulsion

The Hawker 400XPR is propelled by two Williams International FJ44-4A-32 power plants. An evolution of the proven FJ44 turbofan family, the FJ44-4A-32 incorporates a number of proprietary improvements to yield a significant reduction in fuel consumption while delivering improved reliability and the best thrust-to-weight ratio in its class.

The FJ44-4A-32 is a medium bypass, twin-spool design with four compression and three turbine stages. The engine features a rugged wide-chord fan machined from a solid billet of titanium and extremely efficient inner-engine aerodynamics.

Advanced materials are utilized throughout including a composite inlet case to reduce engine weight. A dual channel, Full Authority Digital Engine Control (FADEC) system provides optimal power setting and reduces pilot workload while providing trend monitoring, time-limited dispatch, diagnostics, and engine synchronization.

Legacy Pratt & Whitney JT15D-5R

Original introduced in 1971

Hawker 400XP - 5R variant introduced 1990

Thrust = 2,965 lb.



Williams International FJ44-4A-32

Original introduced in 1992

Hawker 400XPR - 4A-32 variant introduced 2007

Thrust = 3,600 lb. capable - flat rated to 3,200 lb.



Robust Flat Rated Thrust = Strong Hot/High Performance

Somewhat larger than its FJ44-3AP cousin, the FJ44-4A-32 version of the Williams International FJ44-4A-32 engine is optimized exclusively for the Hawker 400XPR and is capable of producing 3,600 pounds of thrust per engine. The FJ44-4A-32 thrust is flat rated to 3,200 pounds at 17°C for the Hawker 400XPR to create robust temperature margin and performance.

With a total thrust of 6,400 pounds, the Hawker 400XPR generates 5%, or 300 pounds, more thrust than its smaller -3AP cousin and 8% or 470 pounds more thrust than the Pratt & Whitney JT15D-5R it replaces. This significant improvement in flat rated thrust results in exceptional hot/high performance.

Hawker 400XPR Propulsion (continued)

Extremely Efficient Combustion = Lower SFC and Carbon Emissions

The combination of advanced internal aerodynamics and FADEC fuel management produces extremely efficient combustion that deliver a 16% reduction in specific fuel consumption (SFC) on short range missions and over a 20% SFC reduction on long range trips.

This same combustion efficiency greatly reduces the aircraft's Carbon Emissions making the Hawker 400XPR one of the most environmentally responsible neighbors on any airport.

Evolutionary Design = Reliability and Low Operating Cost

The FJ44-4A-32 is a proven design that delivers outstanding reliability and one of the lowest operating costs in its class based on a 5,000 hour TBO with no scheduled, intermediate off-aircraft events.

Williams International FJ44-4A-32 Features

Latest Technology Materials

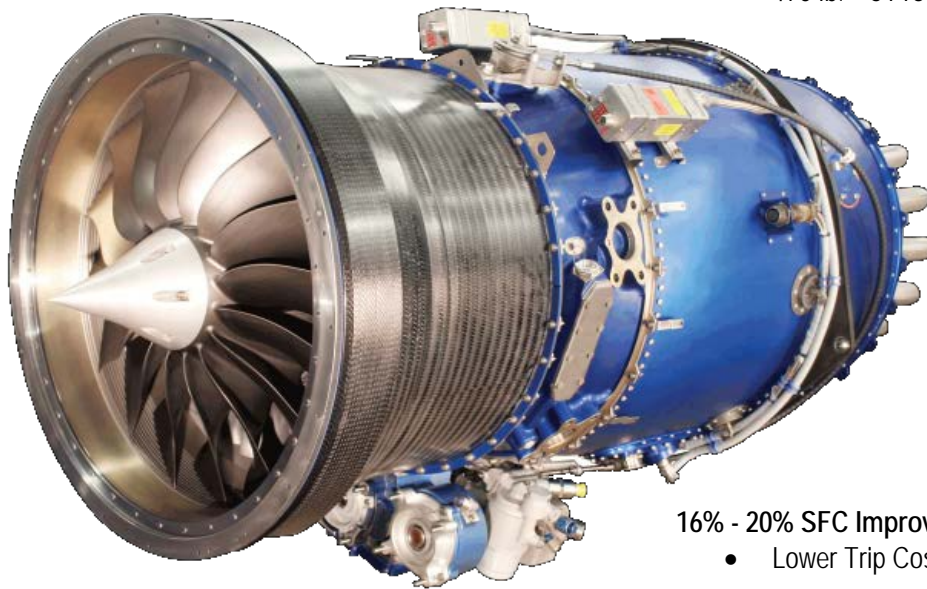
- Robust Durability
- Low Weight

Highly Advanced Aerodynamics & Combustion

3,200 lb. @ ISA +17°C

- Best Thrust to Weight for its class
- 300 lb. > FJ44-3AP
- 470 lb. > JT15D-5R

Rugged single piece
Wide-Chord Fan



16% - 20% SFC Improvement

- Lower Trip Cost

5,000 hour Time Before Overhaul

- Longest TBO of its class
- Lower Maintenance Cost
- 1,000 hour > FJ44-3AP
- 1,400 hour > JT15D-5R
- No intermediate "off-aircraft" events

Dual Channel FADEC

- Reduced pilot workload
- Integral engine synchronization
- Trend monitoring
- Ultra low idle

Hawker 400XPR Aerodynamics

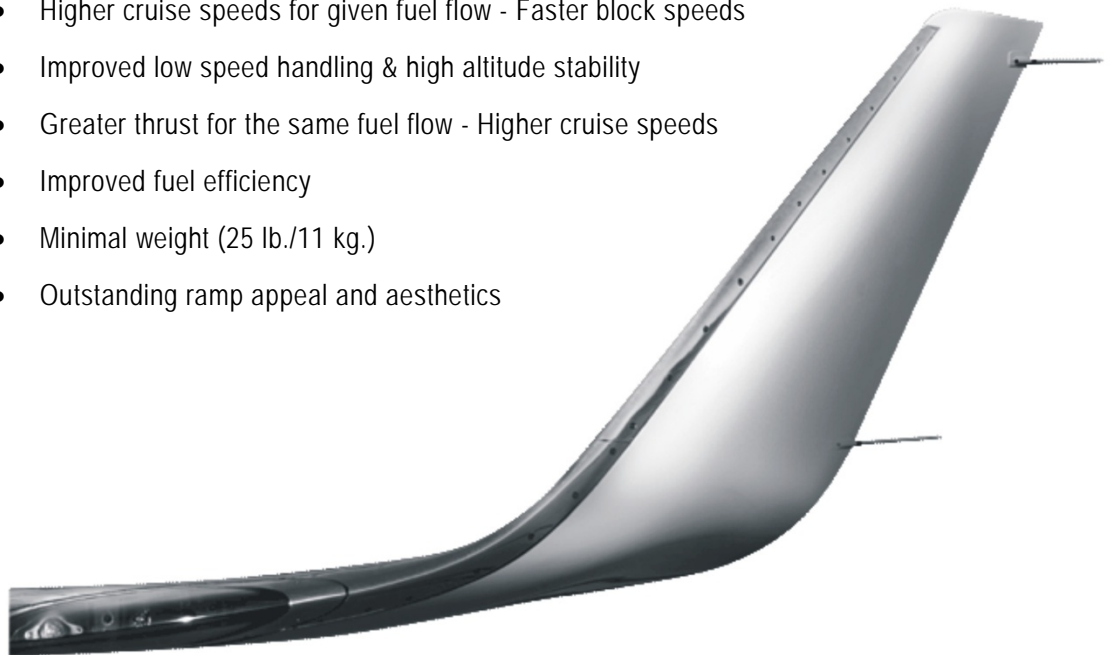
Genuine Hawker Winglets utilize composite construction which is lightweight and extremely strong. They are designed and engineered by the factory that built the legendary Beechjet/Hawker 400XP and are standard on all Hawker 400XPR aircraft.

The addition of Hawker Winglets increases the aspect ratio of the wing to effectively diminish lift-induced drag. Benefits include; reduced fuel consumption, improved time-to-climb performance, faster cruise speeds and increased range. Hawker Winglets also improve low speed and high altitude handling characteristics by enhancing stabilization in flight.

To ensure dispatch reliability and lower operating cost, LED position lights are incorporated into the design. The LED position lights are projected to have a Mean Time between Failure (MTBF) of 5,000 hours.

Genuine Hawker Winglet Feature

- Increased wing aspect ratio = Reduced lift-induced drag
- Climbs higher and faster for a given power setting
- Higher cruise speeds for given fuel flow - Faster block speeds
- Improved low speed handling & high altitude stability
- Greater thrust for the same fuel flow - Higher cruise speeds
- Improved fuel efficiency
- Minimal weight (25 lb./11 kg.)
- Outstanding ramp appeal and aesthetics



Winglet design subject to change

Aircraft upgraded with genuine Hawker Winglets are readily recognized for their investment in performance, range and resale value and unmistakable ramp appeal

Hawker 400XPR Avionics

Pioneered on the Hawker Beechcraft Premier I, Rockwell Collins Pro Line 21™ avionics are available as a Hawker 400XPR option.

Featuring 8x10 in-liquid crystal, Adaptive Flight Displays (AFD), Pro Line 21™ avionics significantly improve situational awareness and reliability. The AFD combines attitude, altitude, airspeed and heading references with an easy-to-read graphical interface while the system's Multifunction Display (MFD) enables pilots to quickly reference layers of information pertinent to strategic decision making.



Pro Line 21™ Features & Benefits

- High-resolution Adaptive Flight Displays greatly increase flight crew situational awareness
 - Display TAWS, Weather Radar, TCAS, Lightning Detection and other advanced features
- Seamless integration with communication, navigation and surveillance sensors
- Seamless integration with Beechjet 400A / Hawker 400XP autopilot
- Higher reliability reduces cost of ownership
- Supports growth for future CNS/ATM requirements
- Optional Integrated Flight Information System (IFIS) for electronic charts and satellite weather

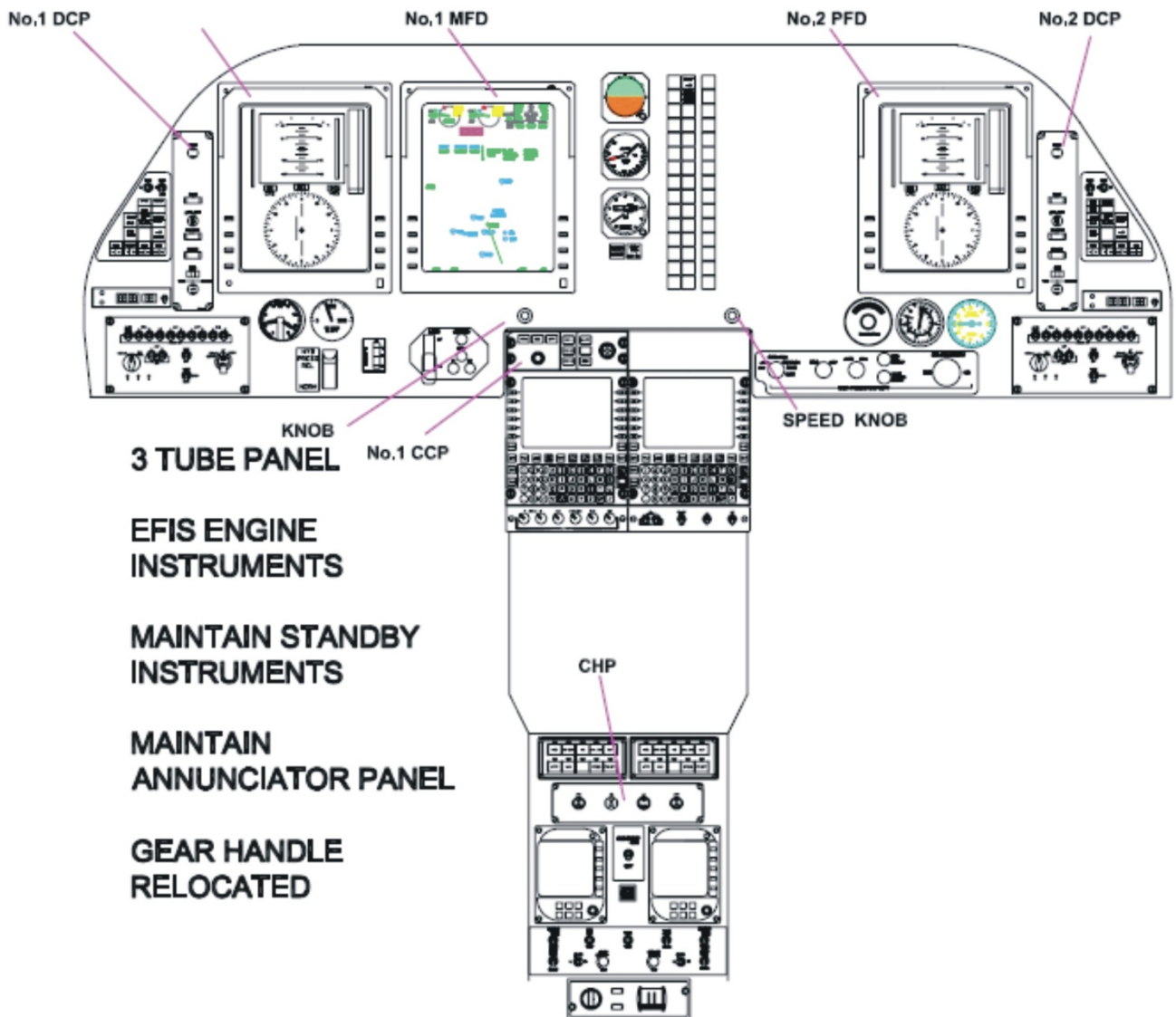
Hawker Beechcraft Factory Integration

A production standard since 2001, Hawker Beechcraft has integrated more Pro Line 21™ avionic suites into corporate aircraft than all non-OEM avionics shops combined. This in-depth understanding of the system ensures a seamless interface with the Hawker 400XP's legacy systems, while providing an excellent foundation for future regulatory and technology upgrades.

Reduced Operating Cost

Pro Line 21™ avionics installed in conjunction with a Hawker 400XPR upgrade significantly lowers your aircraft's avionics operating cost. Pro Line 21™ new components feature a comprehensive two-year equipment warranty. When installed in conjunction with Hawker 400XPR, Rockwell Collins will extend its Collins Aviation Service Program (CASP) for all remaining Rockwell Collins installed flight deck avionics for a period of two-years. This value provides 400XPR operators with no-charge repairs and exchange services at any Rockwell Collins dealer.

Three (3) Display Rockwell Collins Pro-line 21



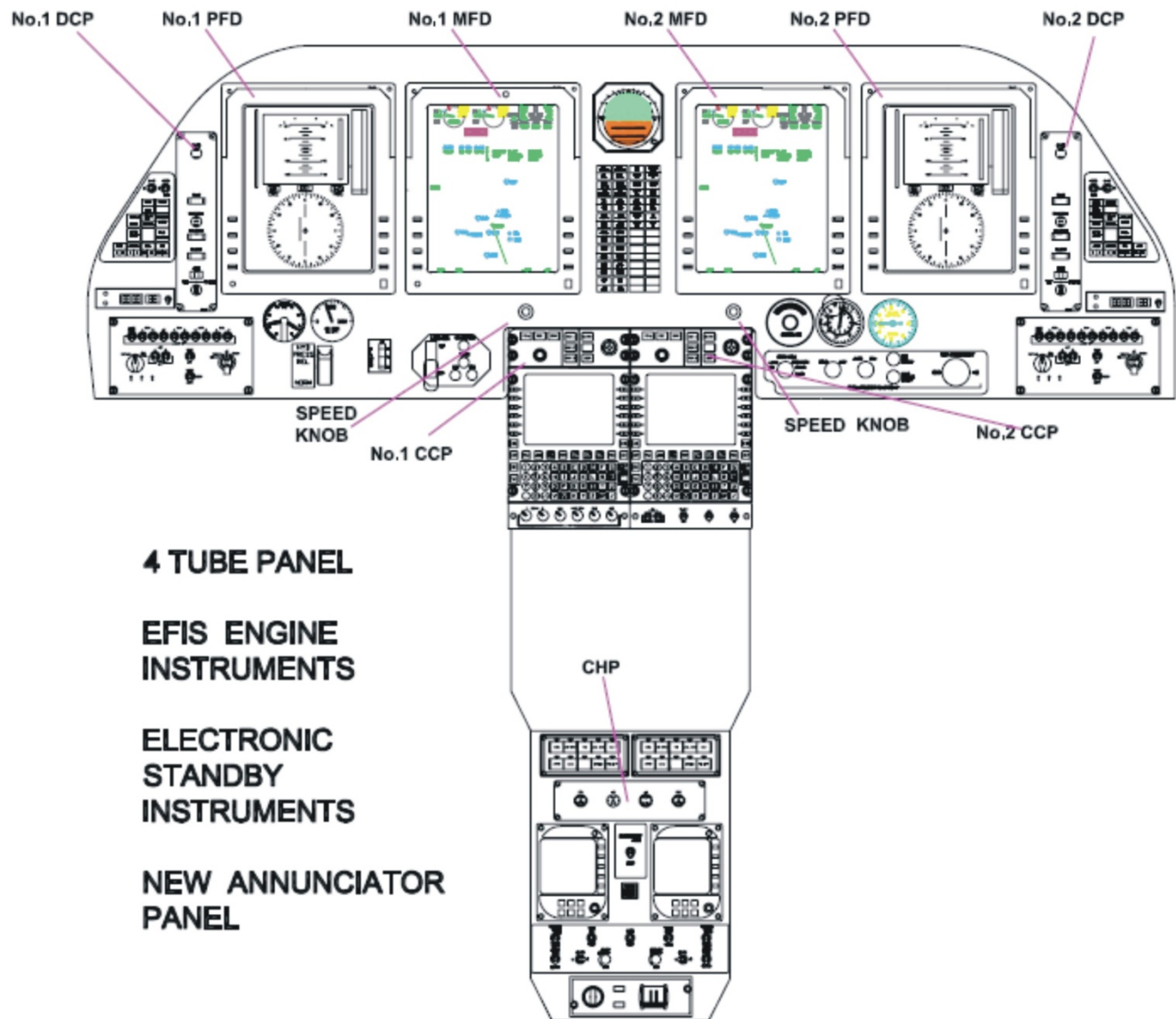
System Includes:

- Three (3 each) PL-21 Adaptive Flight displays
- Retains existing Standby Instrumentation
- Retains existing Annunciator Panel
- Integration with PL-4 IAPS System
- Integration with FMS (AMS-5000)
- Upgraded AHRS System (AHC-3000A)
- Maintenance Diagnostic System
- Electronic Engine Instrumentation on #1 MFD

Options:

- Single IFIS
- XM Weather
- Universal Weather
- DBU 5000
- WAAS/LPV
- Dual GPS
- ADS-B Out
- Enhanced Vision (Future Upgrade)
- Synthetic Vision (Future Upgrade)
- Link 2000+ (Future Upgrade)

Four (4) Display Rockwell Collins Pro-line 21



System Includes:

- Four (4 each) PL-21 Adaptive Flight displays
- New 3-in-One Standby Instrumentation
- New Annunciator Panel
- Integration with PL-4 IAPS System
- Integration with FMS (AMS-5000)
- Upgraded AHRS System (AHC-3000A)
- Maintenance Diagnostic System
- Electronic Engine Instrumentation on #1MFD

Options:

- Single or Dual IFIS
- XM or Universal Weather
- DBU 5000
- WAAS/LPV
- Dual GPS
- ADS-B Out
- Enhanced Vision (Future Upgrade)
- Synthetic Vision (Future Upgrade)
- Link 2000+ (Future Upgrade)

Hawker 400XPR Interior / Exterior Options



Hawker Beechcraft Services offers a number of interior options. Freshen-up your cabin with new leathers and fabric or completely transform your aircraft's interior with a cabinetry re-veneer. Older Beechjet 400A aircraft owners can choose a Hawker 400XP styled window panel / arm ledge / seating upgrade. New cabinetry designs and rebuilds are also available to maximize your passengers comfort and internal baggage capacity.

Your aircraft's exterior finish protects your Hawker from the elements and makes a statement every



time you land and taxi-up to the ramp. And now, Hawker 400XPR customers can choose from a number of unique XPR paint design schemes and tail art logos.

Hawker Beechcraft artisans have received great praise for the flawless shine, constancy and durability of our paint application, which is backed by industry-leading warranties.

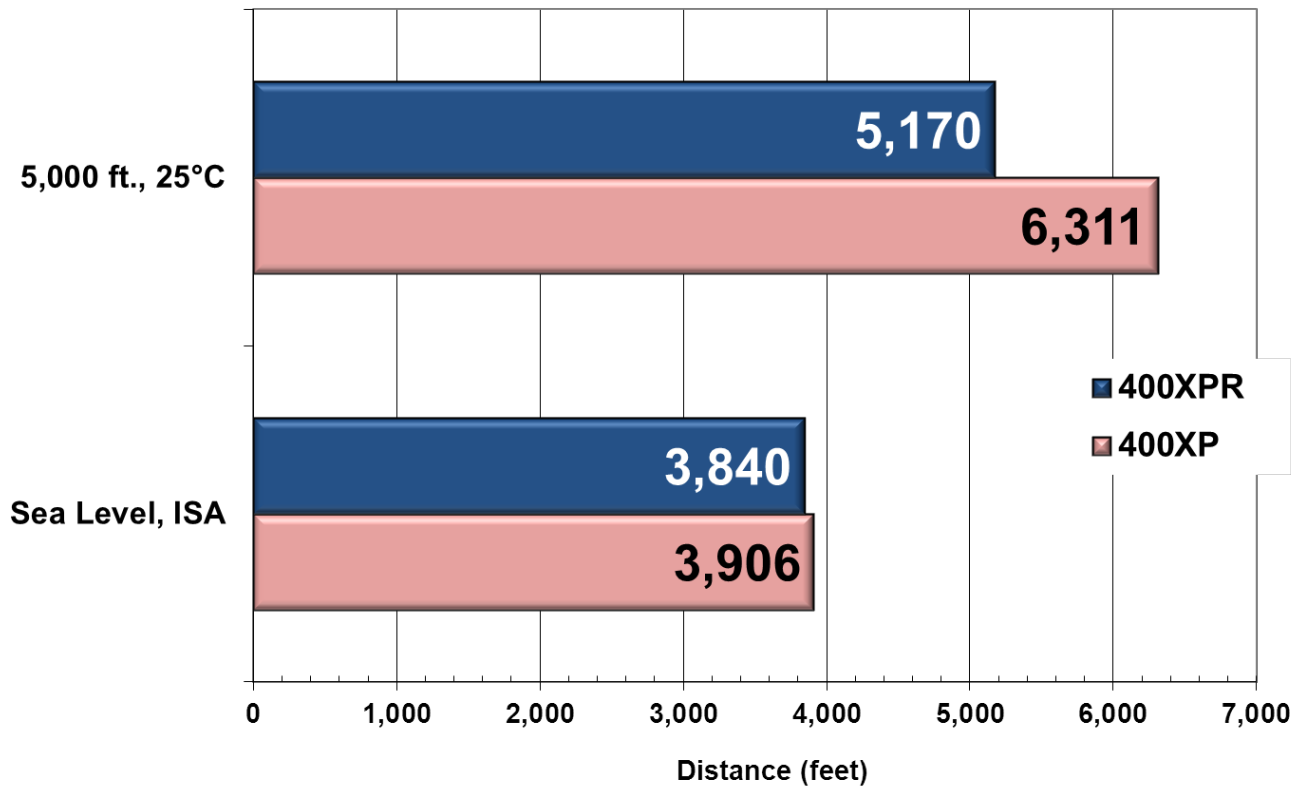
Explore how Hawker Beechcraft can transform your aircraft's exterior appearance and image.

Takeoff Distance Comparison

With a total thrust of 6,400 pounds flat rated at ISA +17°C propelling a more aerodynamic wing with less induced drag, the Hawker 400XPR can rotate sooner and climb faster with greater payload flexibility than ever before.

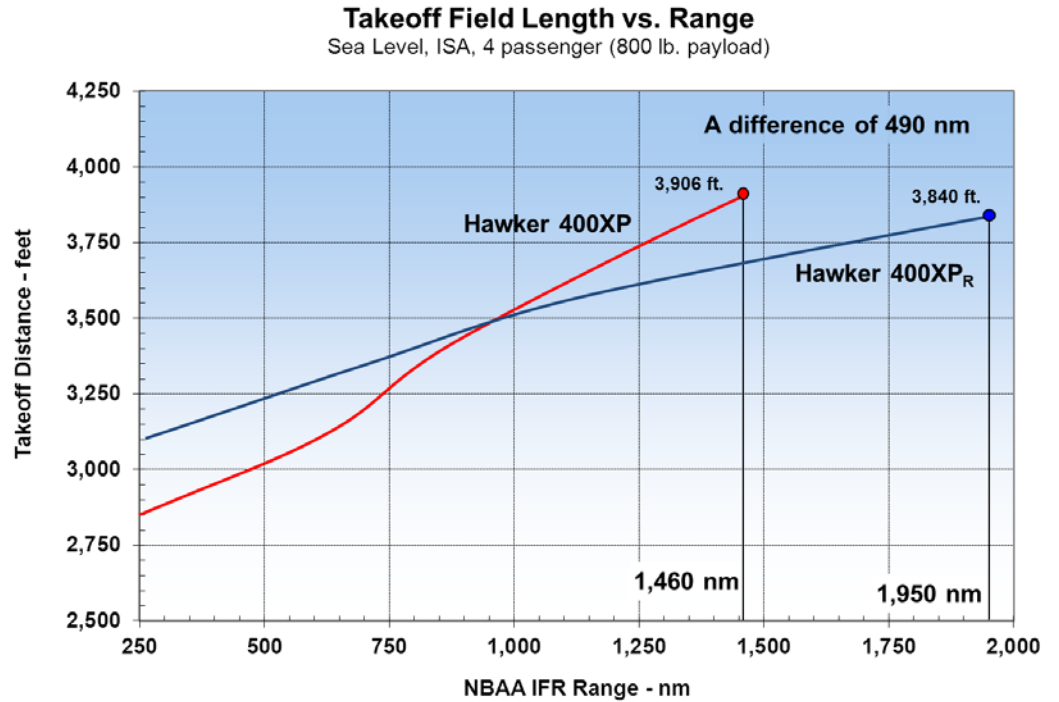
The Hawker 400XPR requires less takeoff field length than 400XP, especially from high elevation airports.

Balanced Field Length Comparison

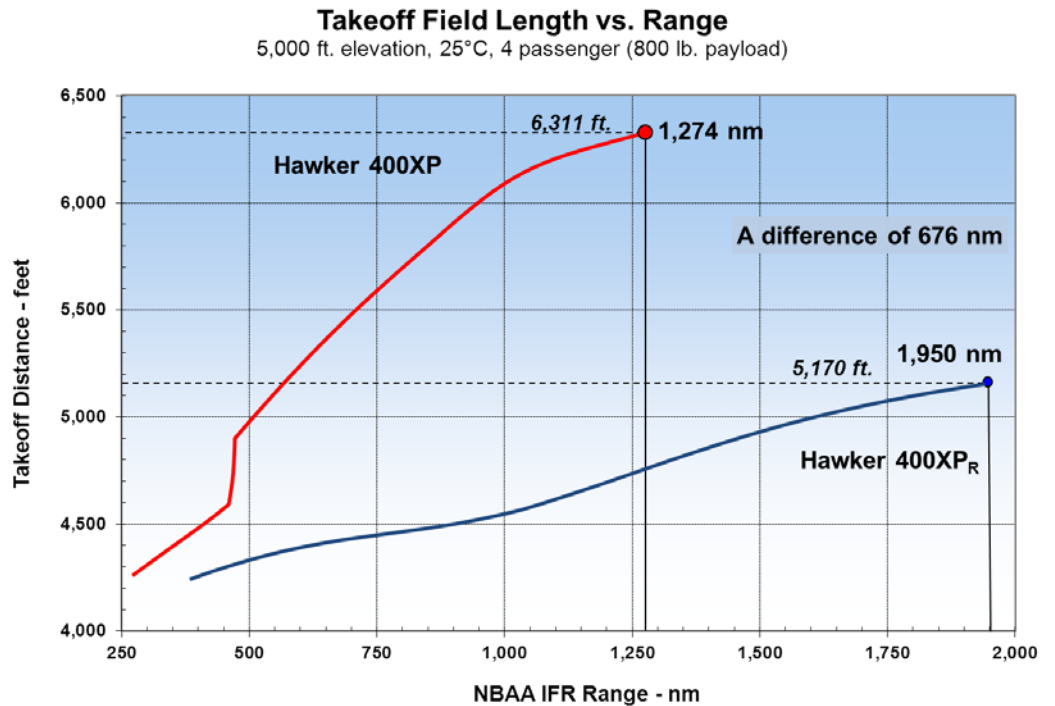


Takeoff Field Length versus Range

The Hawker 400XPR delivers almost 500 nm (926 km) more range than a standard 400XP at sea level ISA conditions.



At higher airport elevations, the Hawker 400XPR will require about 1,100 ft. (335 m.) less runway and fly almost 700 nm (1,296 km) farther than a standard 400XP.

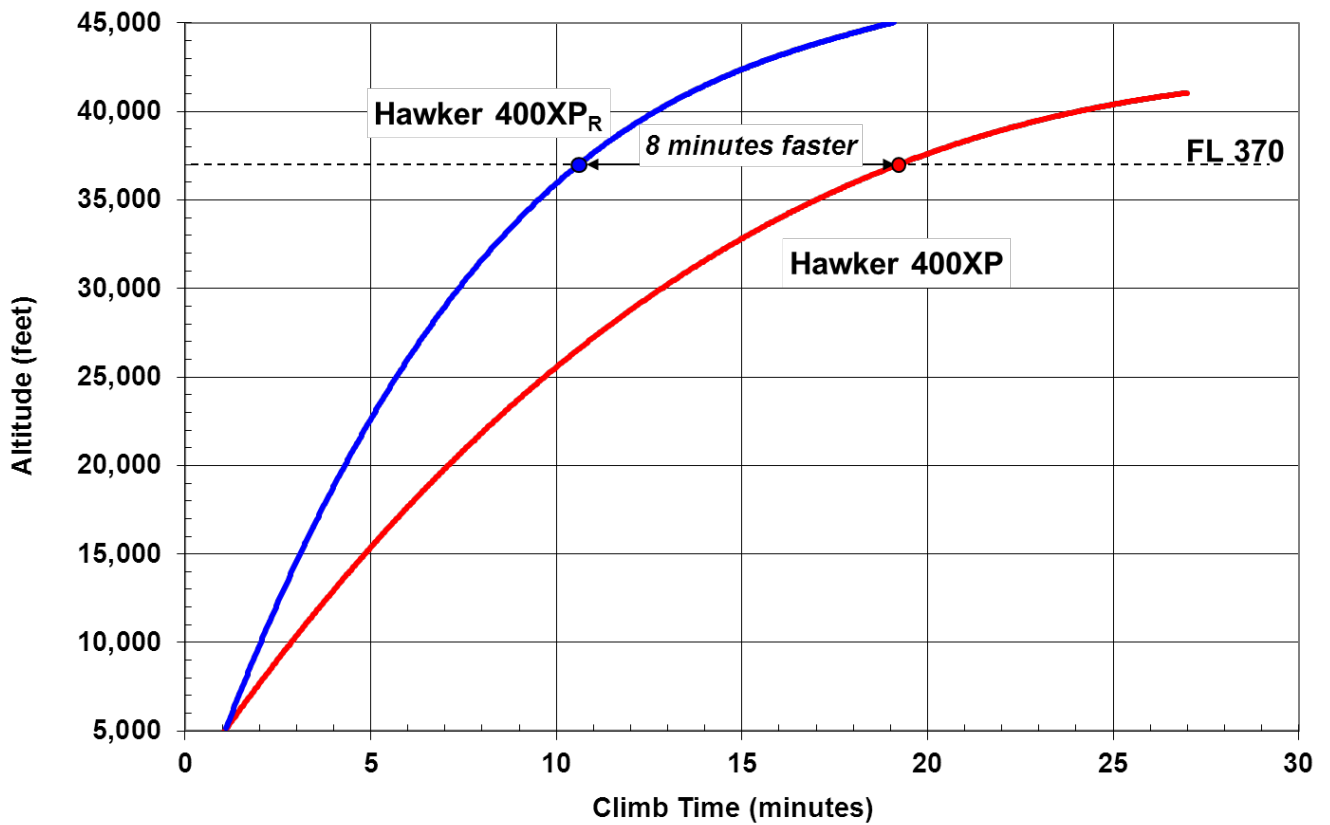


Time-to-Climb Comparison

At their respective max gross takeoff weights, the Hawker 400XP_R can significantly out-climb the Hawker 400XP.

In ISA conditions, the Hawker 400XP_R can climb straight to FL 370 in 11 minutes, while it takes the 400XP 19 minutes to reach the same altitude.

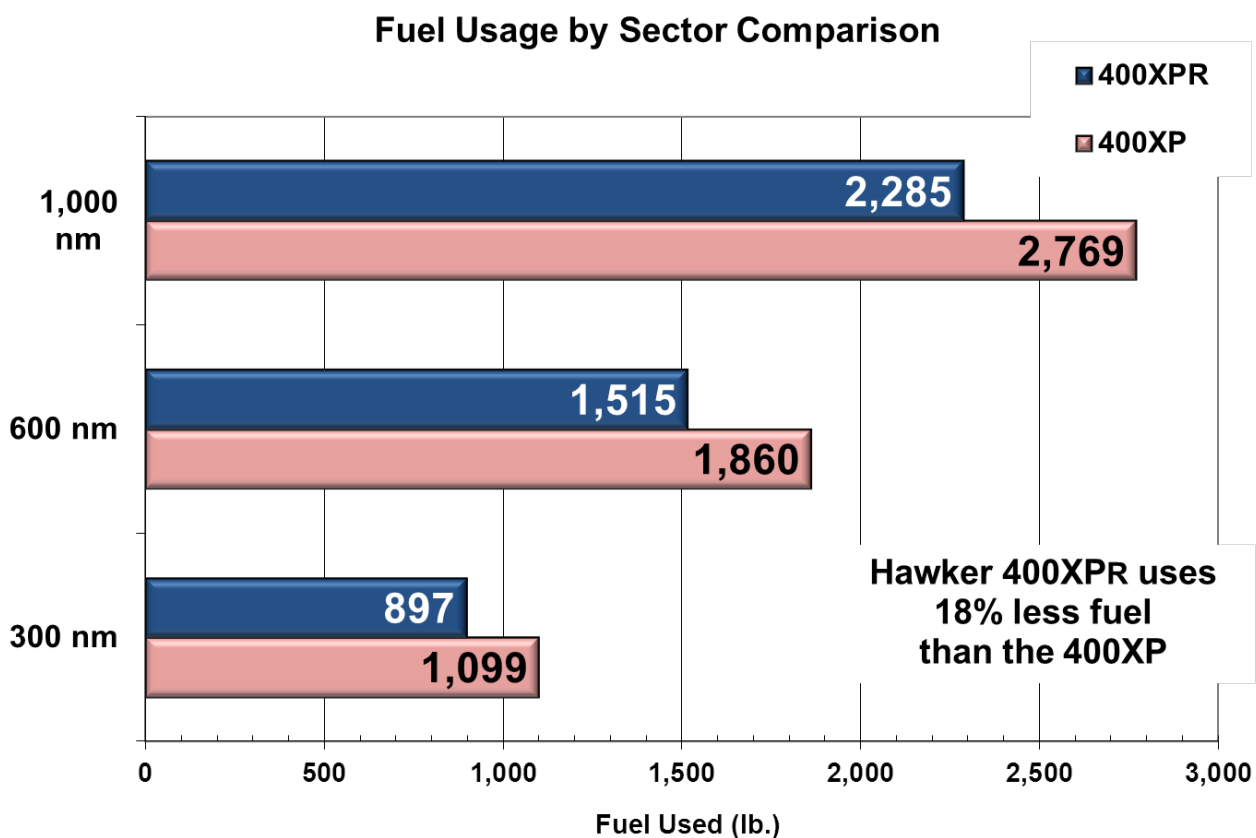
Time to Climb at Max Takeoff Weight, ISA



Cruising Speeds, Sector Times & Fuels

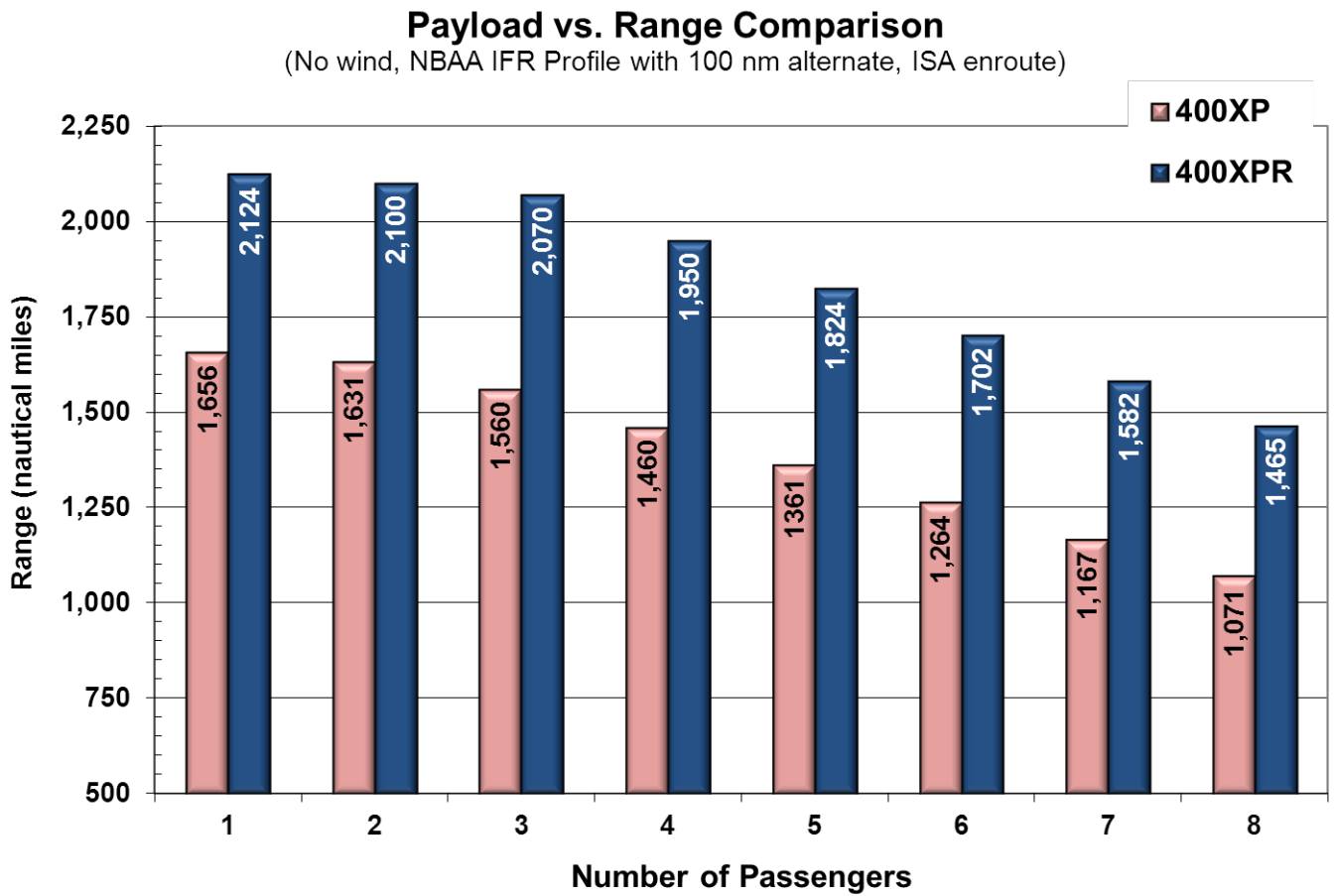
Improved aerodynamics and propulsion reduces Hawker 400XPR fuel consumption by 18% when compared to a standard 400XP.

| | 300 nm (556 km) Flight Time Fuel Used | 600 nm (1,111 km) Flight Time Fuel Used | 1,000 nm (1,852 km) Flight Time Fuel Used |
|---------------------------|--|--|--|
| Hawker 400XP | 0 + 46 1,099 lb. | 1 + 27 1,860 lb. | 2 + 24 2,769 lb. |
| Difference | 0 minutes 202 lb. | 0 minutes 345 lb. | 2 minutes 484 lb. |
| Hawker 400XP _R | 0 + 46 897 lb. | 1 + 27 1,515 lb. | 2 + 22 2,285 lb. |



Payload versus Range Chart

The Hawker 400XPR aircraft deliver greater range and/or payload performance when compared to a standard 400XP aircraft at ISA enroute conditions.



Range Comparison Examples

With improved aerodynamics and reduced fuel consumption, the Hawker 400XPR can fly farther than ever before. Direct climb at max weight combined with lower specific fuel consumption and improved thrust at altitude generate faster trip segments and trans-continental range.

The following pages show several examples of the range advantage for the Hawker 400XPR with new Williams FJ44-4A engines and composite winglets. The ranges show just a few of the world's most popular airports including high elevation airports and ones with relatively short runways thereby demonstrating the significant improvements to the airplane.

Range from Aspen, Colorado



Range depiction is for information purposes only and does not incorporate common variables i.e. aircraft configuration, ATC routing, weather conditions or individual company operating procedures. It should not be used for flight planning purposes.

Ranges from San Francisco and Teterboro



Range from San Francisco, California

Range from Teterboro, New Jersey



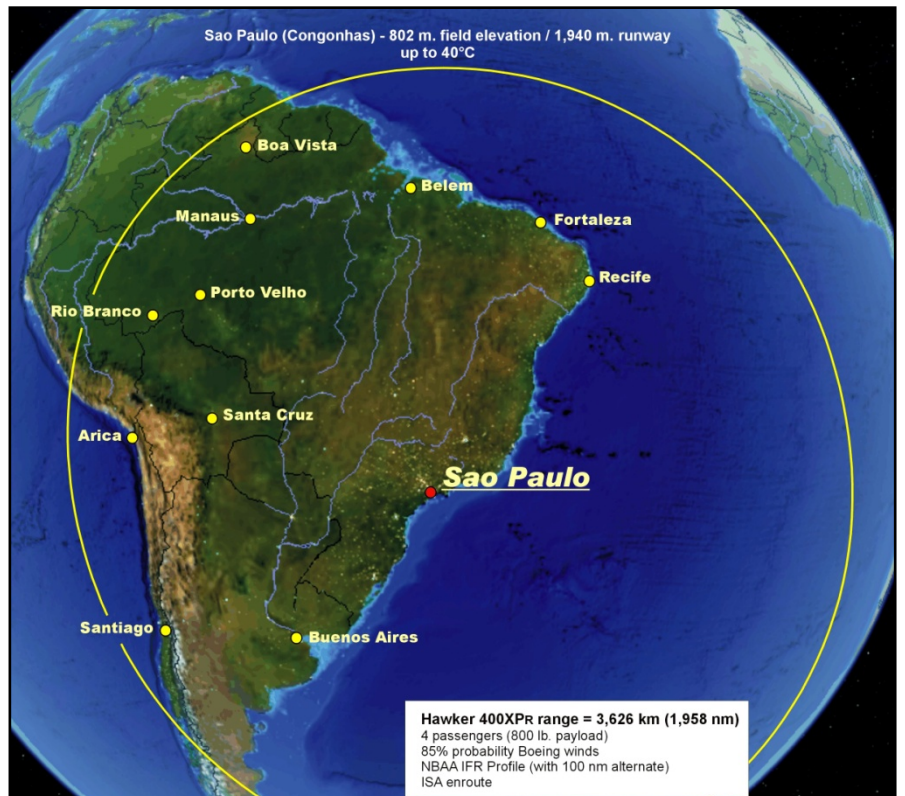
Range depiction is for information purposes only and does not incorporate common variables i.e. aircraft configuration, ATC routing, weather conditions or individual company operating procedures. It should not be used for flight planning purposes.

Ranges from Toluca and Sao Paulo



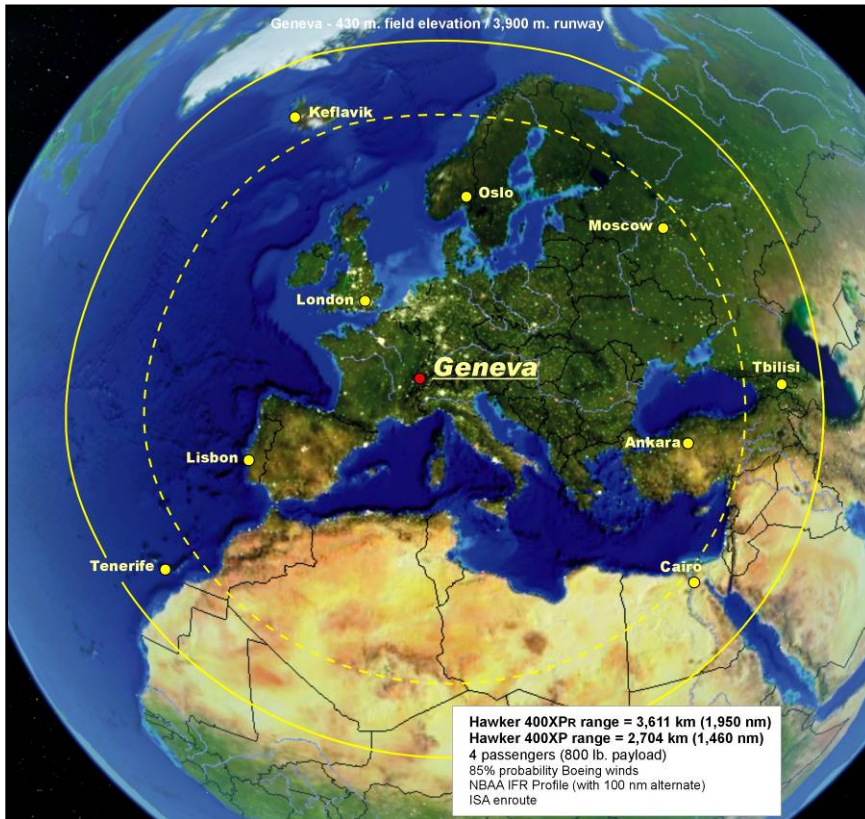
Range from Toluca, Mexico

Range from Sao Paulo, Brazil



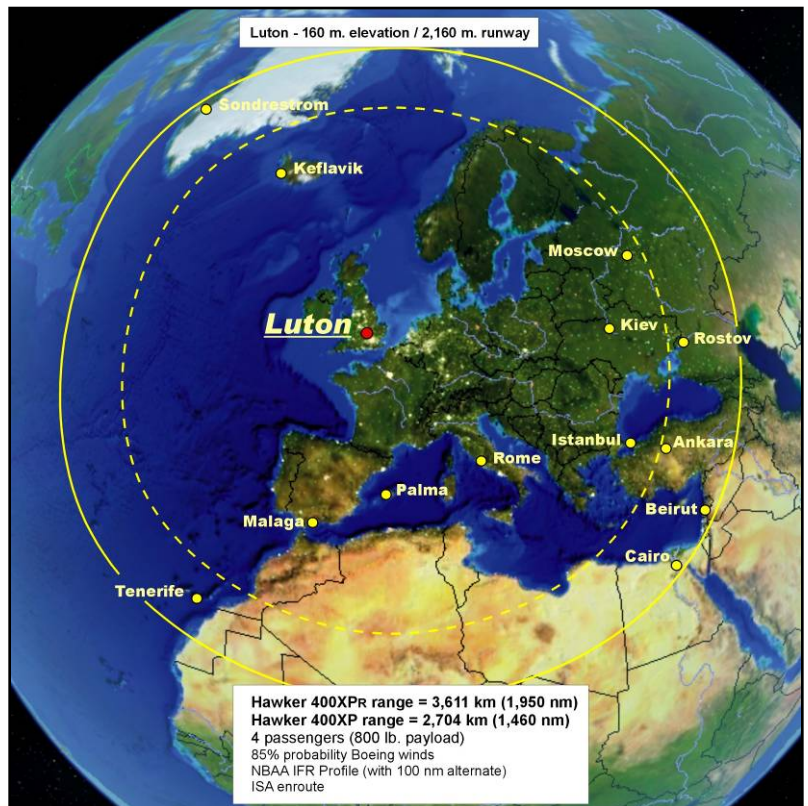
Range depiction is for information purposes only and does not incorporate common variables i.e. aircraft configuration, ATC routing, weather conditions or individual company operating procedures. It should not be used for flight planning purposes.

Ranges from Geneva and London



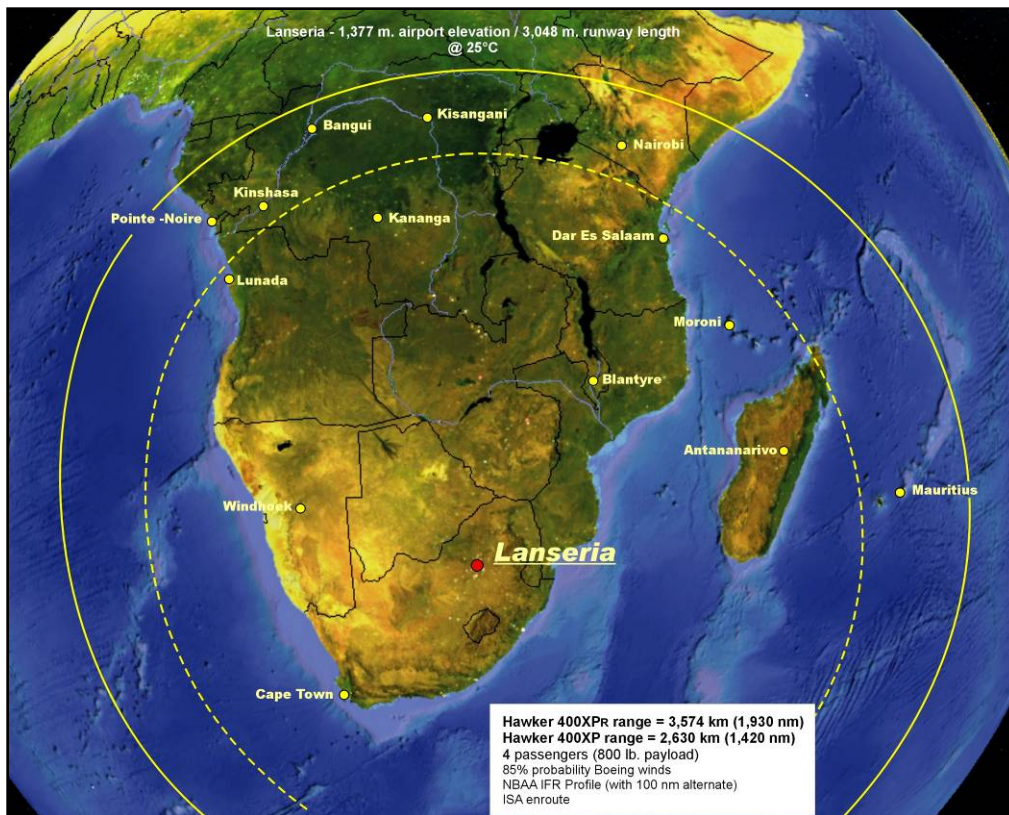
Range from Geneva, Switzerland

Range from Luton, United Kingdom



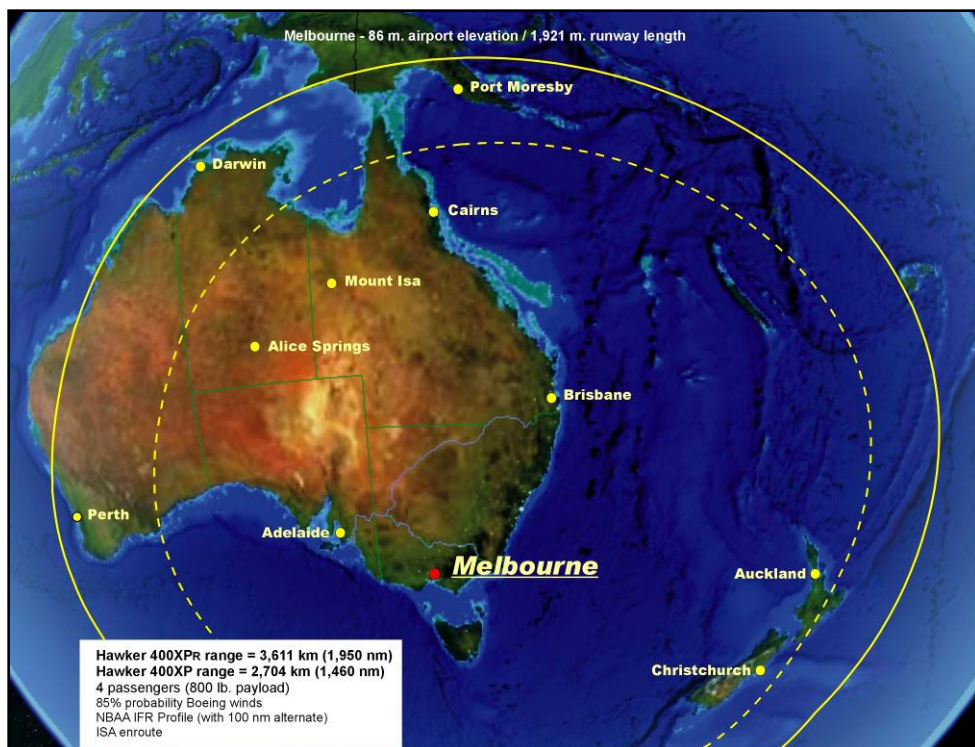
Range depiction is for information purposes only and does not incorporate common variables i.e. aircraft configuration, ATC routing, weather conditions or individual company operating procedures. It should not be used for flight planning purposes.

Ranges from Lanseria and Melbourne



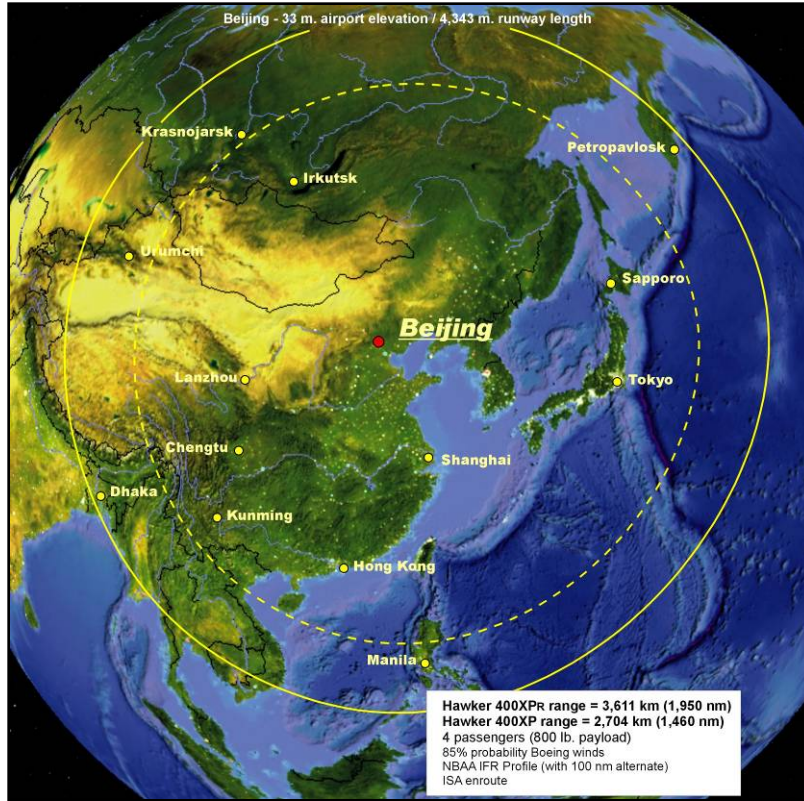
Range from Lanseria, South Africa

Range from Melbourne, Australia



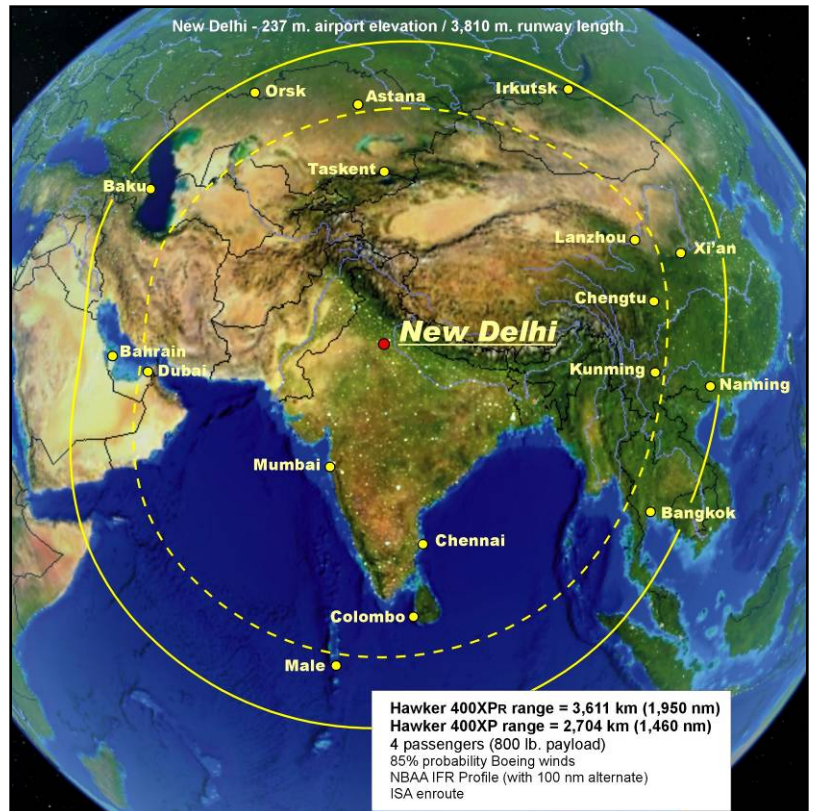
Range depiction is for information purposes only and does not incorporate common variables i.e. aircraft configuration, ATC routing, weather conditions or individual company operating procedures. It should not be used for flight planning purposes.

Ranges from Beijing and New Delhi



Range from
Beijing, China

Range from
New Delhi, India



Range depiction is for information purposes only and does not incorporate common variables i.e. aircraft configuration, ATC routing, weather conditions or individual company operating procedures. It should not be used for flight planning purposes.

Fuel Savings

Synergizing Winglets enhance aerodynamics with efficient FJ44-4A-32 engines enables Hawker 400XPR to deliver, on average, 16% reduction in specific fuel consumption (SFC) on short range missions and over a 20% SFC reduction on long range trips.

Fuel Savings (600 nm trip segment)

| Utilization / Year = 300 hours Fuel Cost / Gallon = \$5.50 | Pounds / Hour | Gallons / Hour | Fuel Cost / Flight Hour | Fuel Cost / Year |
|---|---------------|----------------|-------------------------|------------------|
| 400A / XP Series (1 hour, 27 minutes) | 1,860 | 278 gal. | \$1,529.00 | \$458,700 |
| Delta △ | 345 lb. | 52 gal. | \$286.00 | \$85,800 |
| Hawker 400XPR (1 hour, 27 minutes) | 1,515 | 226 gal. | \$1,243.00 | \$372,900 |

A typical Hawker 400XPR is projected to save over \$85,000 / year in Reduced Fuel Cost when flying an average 300 hours per year



XPR is the Choice for Companies looking to:

- Reduce their Operating Cost and
- Reduce their Impact to the Environment

Estimated Direct Operating Costs

| | Hawker 400XPR* | Hawker 400A/XP |
|---|---------------------|---------------------|
| Fuel | | |
| \$5.50 per U.S. Gallon | 858.00 | 1,050.50 |
| (Gallons per Hour) ¹ | (156) | (191) |
| Maintenance Cost (\$): | | |
| Labor - @ \$98.00 per Man-hour ² | 184.24 | 121.52 |
| (Man-hours per Flight hour) ³ | (1.88) | (1.24) |
| Parts - airframe and avionics ³ | 122.17 | 98.78 |
| Engine Restoration (\$): | | |
| 2012 Williams TAP "Elite" & P&W "Gold" ESP Engine Programs | 285.72 ⁴ | 369.80 ⁵ |
| Thrust Reverser Overhaul ³ | NA | 3.61 |
| Total Direct Operating Costs per Hour (\$): | \$1,450.13 | \$1,644.21 |
| Average Speed (600 nm mission) ¹ | 414 | 414 |
| Cost per Nautical Mile (\$) | \$3.50 | \$3.97 |

Source:

1. Fuel burn/speed assumes a 600 nm trip
2. Maintenance labor assumes a typical shop rate of \$98.00 per man-hour
3. Maintenance man-hours, parts and thrust reverser from Conklin de Decker Aircraft Cost Evaluator (Spring 2012).
4. For new engines, Williams International offers a reduced rate for the first 2 years/2,000 flight hours of \$142.86 per engine per hour. The standard 'Elite' rate is \$285.72 per engine per hour.
5. Pratt & Whitney (Canada) Eagle Service Plan 'Gold' rate.

* XPR parts costs assumes Rockwell Collins Pro-Line 4-21 Avionics upgrade

All rates are subject to adjustment for economic escalation each year.

Hawker 400XPR Weight Statement

Hawker 400XPR

Design Weights

| | | |
|-----------------------------|------------|-----------|
| Max. Ramp Weight | 16,500 lb. | 7,484 kg. |
| Max. Takeoff Weight | 16,300 lb. | 7,394 kg. |
| Max. Landing Weight | 15,700 lb. | 7,121 kg. |
| Max. Zero Fuel Weight | 13,000 lb. | 5,897 kg. |
| Fuel Capacity | 4,912 lb. | 2,228 kg. |

Weight Breakdown

| | | |
|----------------------------|------------|-----------|
| Basic Empty Weight * | 10,500 lb. | 4,763 kg. |
| 2 pilots | 400 lb. | 181 kg. |

Typically Equipped Basic Operating Weight 10,900 lb. 4,944 kg.

| | | |
|--------------------------------|-----------|-----------|
| Max. Payload | 2,100 lb. | 953 kg. |
| Max. Payload w/Full Fuel | 688 lb. | 312 kg. |
| Useful Load | 5,600 lb. | 2,540 kg. |

** Basic Empty Weight includes standard interior and avionics*

Specifications and Performance

| | Hawker 400XPR | Hawker 400XP |
|--------------------------------------|------------------------|---------------|
| Characteristics | | |
| Seating (Crew + Pax) | 2 + 7 / 9 | 2 + 7 / 9 |
| Wing Loading (lb/sq. ft.)..... | 68.8 lb. | 67.6 lb. |
| Power Loading (lb. thrust)..... | 2.58 lb./lb. thrust | 2.75 lb. |
| Noise: Takeoff..... | Stage 4 Compliant | 89.0 dBA |
| External Dimensions | | |
| Length..... | 48 ft. 5 in. | 48 ft. 5 in. |
| Height | 13 ft. 11 in. | 13 ft. 11 in. |
| Span | 43 ft. 10 in. | 43 ft. 6 in. |
| Engines | | |
| Manufacturer | Williams International | P&WC |
| Model..... | FJ44-4A | JT15D-5R |
| Output | 3,200 lb. | 2,965 lb. |
| | ISA+17°C | ISA+12°C |
| Inspection Interval | 5,000 hrs. | 3,600 hrs. |
| Weights | | |
| Max Ramp | 16,500 lb. | 16,500 lb. |
| Max Takeoff | 16,300 lb. | 16,300 lb. |
| Max Landing | 15,700 lb. | 15,700 lb. |
| Max Zero Fuel | 13,000 lb. | 13,000 lb. |
| Basic Operating | 10,900 lb. | 10,985 lb. |
| Payload / Capacities | | |
| Max Payload..... | 2,100 lb. | 2,015 lb. |
| Useful Load | 5,600 lb. | 5,515 lb. |
| Max Fuel Capacity..... | 4,912 lb. | 4,912 lb. |
| (1 U.S. gal = 6.7 lb/U.S. gal.)..... | 733 gal. | 733 gal. |
| Payload w/max fuel | 688 lb. | 603 lb. |
| Fuel w/max payload..... | 3,500 lb. | 3,500 lb. |

Specifications and Performance (continued)

No difference in interior dimensions between the 400XP and 400XPR

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. | (2.69 cu. m) |
| Passenger Cabin | 305 cu. ft. | (8.64 cu. m) |
| (including lav. & bag) | | |
| Total Volume | 400 cu. ft. | (11.33 cu. m) |

Baggage Capacity

| | | |
|-----------------------------------|------------------------|------------------------|
| Internal Lav / Baggage Area | 20.0 cu. ft. / 350 lb. | (0.57 cu. m / 159 kg.) |
| External Tailcone | 26.4 cu. ft. / 450 lb. | (0.75 cu. m / 204 kg.) |
| Total | 46.4 cu. ft. / 800 lb. | (1.31 cu. m / 363 kg.) |

Pressurization

| | |
|--------------------------------|------------|
| Differential | 9.1 PSI |
| Sea Level Cabin To (ft.) | 24,000 ft. |

Specifications and Performance (continued)

| | Hawker 400XPR | Hawker 400XP |
|---|------------------|------------------|
| Airport Performance | | |
| Takeoff Field Length | | |
| Max. TO Wt., SL, ISA | 3,840 ft. | 3,906 ft. |
| TOW, 5,000 ft. elev, 25°C/77°F | 5,170 ft. | 6,311 ft. |
| Climb Performance (Max Takeoff Weight) | | |
| Time to Climb / Altitude | 11 min / FL 370 | 18 min / FL370 |
| FAR 25 Engine-out Rate | 620 fpm | 305 fpm |
| FAR 25 Engine-out Gradient | 280 ft/nm | 158 ft/nm |
| Ceilings | | |
| Certified | 45,000 ft. | 45,000 ft. |
| All Engine Service | 45,000 ft. | 43,450 ft. |
| Engine-out Service | 31,000 ft. | 20,600 ft. |
| Cruise Performance | | |
| High Speed Cruise | | |
| Speed | 447 kt / 514 mph | 450 kt / 518 mph |
| Fuel Flow | 913 lb/hour | 1,255 lb/hour |
| Altitude | FL 450 | FL 390 |
| Long Range Cruise | | |
| Speed | 425 kt / 476 mph | 414 kt / 476 mph |
| Fuel Flow | 761 lb/hour | 938 lb/hour |
| Altitude | FL 450 | FL 430 |

Specifications and Performance (continued)

| | Hawker 400XPR | Hawker 400XP |
|--|----------------------------|----------------------------|
| Maximum Range Performance (NBAA IFR reserves) | | |
| Maximum Payload with Available Fuel | (2,100 lb. payload) | (2,015 lb. payload) |
| Range | 1,170 nm | 876 nm |
| Average Speed | 406 kt. | 384 kt. |
| Trip Fuel..... | 2,508 lb. | 2,420 lb. |
| Maximum Fuel with Available Payload | (688 lb. payload) | (603 lb. payload) |
| Range | 2,015 nm | 1,565 nm |
| Average Speed..... | 415 kt. | 396 kt. |
| Trip Fuel..... | 3,977 lb. | 3,898 lb. |
| 4 passengers (800 lb. payload) | | |
| Range | 1,950 nm | 1,464 nm |
| Average Speed..... | 415 kt. | 394 kt. |
| Trip Fuel..... | 3,861 lb. | 3,693 lb. |
| Ferry (Zero payload) | | |
| Range | 2,160 nm | 1,690 nm |
| Average Speed..... | 413 kt. | 395 kt. |
| Trip Fuel..... | 4,124 lb. | 4,045 lb. |
| Mission Performance (4 passengers) | | |
| 300 nm mission | | |
| Flight Time | 0 hr. 46 min | 0 hr. 46 min |
| Trip Fuel..... | 897 lb. | 1,099 lb. |
| Flight Level | FL 370 | FL370 |
| 600 nm mission | | |
| Flight Time | 1 hr. 27 min | 1 hr. 27 min |
| Trip Fuel..... | 1,515 lb. | 1,860 lb. |
| Flight Level | FL 410 | FL410 |
| 1,000 nm mission | | |
| Flight Time | 2 hr. 22 min | 2 hr. 24 min |
| Trip Fuel..... | 2,285 lb. | 2,769 lb. |
| Flight Level | FL 430 | FL430 |

Factory Completed Warranty

The following is a summary of the Hawker 400XPR factory completed warranties:

| Hawker 400XPR | |
|---------------------------------------|------------------------|
| Williams International Engines | 5 years or 2,000 hours |
| Genuine Hawker Winglets | 2 years |
| Rockwell Collins Pro Line 21 Avionics | 2 years |
| Interior Reappointments | 2 years |
| Exterior Paint | 3 years |

Note: Labor is covered for the specified periods provided the work is performed at a properly rated Hawker Beechcraft Authorized Service Center

CAMP Systems - Factory Authorized Maintenance Tracking Program

CAMP Systems is a program that reflects Hawker Beechcraft's commitment to provide all Hawker operators worldwide with the finest support services available.

CAMP Systems is a maintenance tracking system program that provides computerized aircraft maintenance tracking with all data being exchanged electronically.

CAMP Systems program is a full service aviation management system that continually monitors the entire range of aircraft maintenance and inspection requirements and brings them to the attention of the operator as they become due. CAMP Systems maintenance tracking program allows you to accurately track and predict the maintenance requirements of your aircraft.

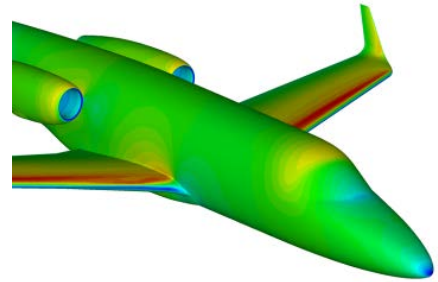
CAMP Systems provides a dedicated analyst assigned to your aircraft to ensure that your aircraft data is as accurate and complete as possible. This is an aircraft specific program that is tailored to each specific aircraft serial number.

Hawker Beechcraft Value

Hawker Beechcraft has been successfully building and upgrading aircraft for nearly 80 years.

Simply said, this is not our first aircraft or upgrade.

Hawker DNA is deeply imbedded in every Hawker 400XPR upgrade. To maintain the aircraft's legendary reputation, every Hawker 400XPR system upgrade is based on decades of Hawker core engineering and manufacturing know-how, to ensure the highest standards of quality, reliability and safety are built-in.



After Delivery Support

Hawker Beechcraft has been supporting the aircraft it builds and upgrades since 1932. With more than 1,000 highly-skilled and dedicated representatives strategically located around the world, Hawker Beechcraft Global Customer Support has the technical support, publications, maintenance services and parts to support 400XPR upgraded aircraft for decades to come.

Operating Cost

Typically, there is a trade-off between enhanced performance and operating cost. Not so with the Hawker 400XPR. In addition to greatly improved aircraft performance, the Hawker 400XPR will enjoy reduced specific fuel consumption, trip cost and engine repair maintenance cost.



Resale Value

Although aircraft resale values are subject to the laws of supply and demand, history has demonstrated that OEM engineered and supported performance upgrades typically realize a dollar-for-dollar return in the near term and hold their value longer than non-upgraded or non-OEM modified aircraft.

More Information

AN EXCLUSIVE HAWKER BEECHCRAFT SERVICES PRODUCT

The Hawker 400XPR upgrade is offered exclusively through Hawker Beechcraft Services, backed by the factory that built your Beechjet 400A or Hawker 400XP and supported by our commitment to quality.

About Us

Hawker Beechcraft Services is a functional organization of Hawker Beechcraft Global Customer Support Inc. (a wholly owned subsidiary of Hawker Beechcraft Corporation). Headquartered in Wichita Kansas, **Global Customer Support** (GCS) is dedicated to enhancing the ownership experience through improving the value of Hawker Beechcraft aircraft by employing products and services to simplify aircraft ownership, reduce operating cost and increase resale value.

Global Customer Support is comprised of five functional organizations including:

- ■ **Hawker Beechcraft Services** - Factory-powered service centers
- ■ **Hawker Beechcraft Parts & Distribution** - Genuine factory parts
- ■ **SupportPLUS™** - Cost predictability & warranty programs
- ■ **Technical Support** - Field support & hot-line troubleshooting experts
- ■ **Technical Publications** - On-line and hard copy operational, service and technical information

For further information on the **Hawker 400XPR** please contact:

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Or visit: <http://xpr.hawkerbeechcraft.com/>

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