

# KODIAK 100<sup>®</sup>

SERIES II



A DECADE OF IMPROVEMENTS

# KODIAK 100<sup>®</sup>

SERIES II

SIMPLY PUT, THE QUEST KODIAK 100, SERIES II IS THE MOST MODERN, RUGGED, AND RELIABLE AIRPLANE IN ITS CLASS.

A smart aircraft designed for the 21st century.

Built tough and safe for extreme missions.

Comfort, capacity and economy for business or personal use.

Only one pilot needed. A dream to fly.

Many missions. One aircraft.

BUILT BY HAND IN SANDPOINT IDAHO



THE KODIAK'S RUGGED ALUMINUM CONSTRUCTION COMBINES SUPERIOR STOL PERFORMANCE AND HIGH USEFUL LOAD. IT OFFERS PROVEN RELIABILITY WITH THE PRATT & WHITNEY PT6A TURBINE ENGINE, HAS THE ABILITY TO LAND AND TAKE OFF FROM UNIMPROVED SURFACES AND IS CAPABLE OF WORKING OFF FLOATS WITHOUT STRUCTURAL UPGRADES.



# A DECADE OF IMPROVEMENTS

TRANSFORMING A MODERN PLANE INTO A STATE-OF-THE-ART AVIATION ICON



- Jump Package approved
- Kodiak Full-motion Simulator introduced
- Cockpit Oxygen System refined

- Increased Takeoff Weight
- S-Tec 55x Autopilot added as standard
- Synthetic Vision added as standard
- Inflatable Door Seals added
- Sound Proofing Improvements
- Major Electrical Enhancements with a Stall Computer, DIPS and Squat Switch added
- Enhancements to cargo door
- 5th step of corrosion prevention added

- Improved Shimmy Damper & nose landing gear
- EI Fuel Flow Transducer upgrade
- Nose Strut & Drag Link refinement
- Bleed Air & Cabin Improvements
- Lower Pressure Fuel Switch upgraded

- Major Air Conditioning upgrades
- New Style Reading and Map Light Switch
- New Style Cargo Door Switches
- Terrain Awareness and Warning System (TAWS) Functionality increased
- Placard & Safety Improvements
- Increase in Payload by removing unnecessary weight
- Major Environmental Control System overhaul and update to full digital touch screen interface
- Airframe engineering Improvements for added strength and weight reduction
- Entirely new Cabin Lighting System

- Cockpit Ergonomics Layout Improvements
- New Windshield Components & Refinements
- Brand new fully Composite Interior – major upgrade
- Sun Visor Refinements & Modifications
- Annealed Crew Door Windows
- Improved Crew Door Steps
- Airframe life extension
- New Style Cabin Heater added
- Exterior Lighting upgrade to LED/HID
- 3" Speaker Installed in Cockpit
- Changed Tundra Standard Interior / includes 4 Passenger Seats as standard equipment

- Increased Landing Weight to 7,255 (same as T/O weight)
- Upgraded Cargo Door
- Advanced Kodiak Familiarization Course & full motion simulator added
- WX Radar Harness installed on all planes
- Summit Executive Interior added

- Garmin® Autopilot added as Standard Equipment
- Cockpit/Cabin USB Ports added as standard
- TKS Tank available in Pod
- Carbon Fiber Aerocet Floats certified

- Major Cabin Heating improvements & upgrades
- Bleed Air & Cabin Noise reduced
- Cockpit Voice and Data Recorders available
- Electric and Avionics upgrades
- Improved Oil Cooler
- Firewall Blankets added
- Smoked Windshield UV Light Protection added
- Fatigue Life doubled
- Tail Stand improvements



WHY

**KODIAK**<sup>®</sup>



Because the Kodiak is an amazingly safe airplane meeting the latest aviation standards.

Because the Kodiak is tough, designed for rugged, backcountry operations.

Because the Kodiak is nearly impossible to stall.

Because the Kodiak is able to take off and land in less than 980 feet.

Because the Kodiak can be easily converted from passenger to cargo operations.

Because the Kodiak was designed from the beginning for floats.

Because the Kodiak's optional cargo pod results in virtually no loss of performance.

Because the Kodiak's PT6A-34 engine delivers a 9.67:1 power-to-weight ratio.

Because the Kodiak has the lowest operating costs in its class.

## KODIAK SERIES II INNOVATIONS

The Kodiak Series II is a new but continuously refined airplane. Unlike competitors that were designed decades ago, the Kodiak benefits from the latest advances in engineering and technology. The result is an increasingly safe, comfortable and efficient airplane.



A SMARTER, PILOT-FRIENDLY COCKPIT.  
IMPROVED SITUATIONAL AWARENESS AND SAFETY.  
MORE COMFORT FOR ALL PASSENGERS.



New With 2018  
Series II Kodiaks

### GARMIN G1000® NXi SUITE

- Fast Processing
- Flight Stream 510
- HSI moving map
- Synthetic Vision
- Communication decoder
- Vertical situation display
- Visual Approaches
- Weight & Balance feature
- VFR/IFR Charts on MFD
- Visual Reporting Points
- Animated NEXRAD weather
- More!



### AVIONICS UPGRADES

- GTX™ -345 ADS-B Transponder
- Digital 4-in-1 standby
- Angle of Attack Indexer
- AGB/RGB chip detectors
- 2 year subscription to the Kodiak iPad application



### INTERIOR

- Cockpit storage & glove boxes
- LEMO Plugs for Bose Headsets
- 2 Bose® Headsets
- Precise Flight boom cannulas
- Precise Flight demand conserver option
- Cargo door refinement
- Cockpit ventilation improvements
- New Rosen® sun visor with better ergonomics
- Branding & ownership enhancements
- Loose equipment upgrades & enhancements



### OPTIONAL EQUIPMENT UPGRADES

- Garmin SurfaceWatch™
- GWX-70 Weather Radar - Turbulence detection & ground clutter options
- Cockpit Voice & Data Recorder options
- Single-point refueling (STC)

### EXTERIOR

- Crew door stays
- 18 new paint scheme options

[ BUSINESS ]

## GETTING DOWN TO BUSINESS OFTEN MEANS GETTING THERE FASTER.

The Dependable All-Weather Business Aviation Solution.



The Kodiak Series II fills the gap between long haul jets and a long grueling drive. Outfitted for comfort and focused on safe, affordable trips, the Kodiak makes it possible to fly frequent trips to remote worksites or even eliminate field offices. Unlike most of the executive aviation options, the Kodiak does not need a paved runway, and it can be flown by a single pilot.

### INCREASE PRODUCTIVITY AND PROFIT

With direct operating costs that are less than most piston twins, the Kodiak allows you to spend more time flying and generating income. Modern avionics and turbine reliability bring comfort and reassurance to your passengers while reducing downtime for maintenance and lost productivity.

### BUSINESS INTERIOR OPTIONS

The Kodiak is the perfect solution for your charter flight or business operations. There is the option of the very roomy and upgraded 6-passenger Summit interior, while maintaining the payload capacity and climb performance that makes the Kodiak famous worldwide. The Summit interior includes beautiful leather and wood appointments. The cabin is fully air conditioned with individual USBs, headset ports, LED lights and air control. There is ample room for baggage and equipment both in the body of the plane and in the optional cargo pod.



WITH ITS COMFORTABLE INTERIOR,  
AMPLE STORAGE AND ECONOMY,  
THE KODIAK FILLS THE GAPS IN YOUR  
CORPORATE FLEET, FREIGHT OPERATION  
OR CHARTER SERVICE.

## IMPRESSIVE RANGE, ECONOMY AND PERFORMANCE

FOR JUST ABOUT ANY DESTINATION IN THE WORLD, THE KODIAK CAN GET YOU THERE. CRUISING AT 12,000 FEET AT 174 KTAS, IT HAS A RANGE OF OVER 1005 NM, SIPPING 48 GPH OF JET-A.



## YOU WON'T FIND THESE FEATURES ON COMPETITORS DESIGNED IN THE LAST CENTURY.

The Kodiak 100 is certified to modern 21st century FAA standards. The part 23-55 amendments, applied in 2002, are the product of decades of accident investigations, which increases safety.

There are over 1000 additional safety enhancements the Kodiak has, which our competition does not have. This is due to our modern 2007 certification vs. their decades old certification.

The Kodiak's seats were dynamically sled tested to 26g's. Older regulations only required seats to be drop tested to 9g's. This old testing method was found unrealistic for measuring survivability and changed in 1988.

Flammability requirements were increased to include the entire airframe (firewall to cargo), not just in passenger areas. The Kodiak meets and exceeds the latest flammability regulations.

The Kodiak had to be tested to withstand the often harmful effects of a lightning strike. If lightning is near by, you can rest assured knowing the Kodiak won't lose power to those all important avionics systems.

Amendment 55 standards require a demonstration of a 50 ft. post-takeoff engine failure, which the Kodiak passed with flying colors. Older regulations did not require this for a type certificate.

These items and more make the Kodiak one of the safest airplanes manufactured today.



[ SAFETY ]

## BEFORE YOU TAKE OFF, LET'S HAVE A FRANK TALK ABOUT SAFETY.

### INNOVATIVE WING DESIGN PROVIDES EXTRA MARGIN OF SAFETY

The Kodiak's patented "discontinuous leading edge" wing design yields performance at all flight envelopes. When most airplanes would stall, the Kodiak continues to fly. When most airplanes would spin, the Kodiak allows the pilot full aileron control, providing an unprecedented level of safety in an airplane of this size.

### ENGINE AND POWER TO GET YOU UP AND OUT QUICKLY

The Pratt & Whitney PT6A is synonymous with reliability. The -34 variant is the most proven & most economical of the bunch. The Kodiak has a power to weight ratio of 9.67lbs/horsepower. 20% better than the closest competition.

### TOUGH GEAR FOR ROUGH SITUATIONS

Robust, class-leading fixed landing gear with large tires gives peace of mind even on the roughest terrain. The Kodiak's landing gear was also designed with muddy conditions in mind, certified with a lower tire PSI to "float" on the surface and not get bogged down.

### ENGINEERED AND BUILT STRONG

They don't make them like they used to? Well, the Kodiak Series II breaks that mold. It's built like they used to be — with modern improvements. Built to withstand rigorous abuse and keep flying, the Kodiak is the modern airplane that will still be flying in 50 years - built to the quality standards of another time.

### FLY SAFER IN ALL-WEATHER CONDITIONS

A larger coefficient of lift (CL) and modern TKS anti-ice gives the Kodiak an unbelievable margin of safety and performance in even the worst weather conditions.

### GARMIN GFC™ 700 AUTOPILOT: REDUCES WORKLOAD, ENHANCES SITUATIONAL AWARENESS

Fully integrated into the G1000 NXi Flightdeck, the GFC 700 is a three axis, attitude based autopilot. A fully digital, dual-channel flight control system with unprecedented levels of sophistication and safety in this class of airplane.



[ THE SEAPLANE ]

## THE KODIAK SERIES II WITH CARBON FIBER FLOATS

No Other Aircraft In The World Today Matches The Kodiak's Seaplane Performance, Efficiency, Safety And Cost.

The Kodiak was designed from the outset for float operation. This seaplane can take off from water or a runway while preserving unprecedented water operation performance. There is no need for structural upgrades.

The possibilities are endless: Travel to all those out-of-the way lakes and rivers you've always longed to visit; haul hunters, fishermen or supplies to those locations that can't be reached any other way; deliver guests to seaside resorts; or, take business partners to that lakeside meeting.

Every Kodiak seaplane is corrosion-proofed both externally and internally to provide the owner with the best protection and least maintenance cost for their investment, making operations in saltwater environments no problem.



TALK TO YOUR DEALER ABOUT SEAPLANE CONVERSIONS.



THE KODIAK SERIES II WAS ENGINEERED FROM THE START TO ACCEPT FLOATS. IT MAKES FOR ONE OF THE SAFEST, MOST EFFICIENT SEAPLANES ON THE MARKET.

[ INTERIOR ]

## INTERIOR PACKAGES

### SUMMIT™

The top-of-the-line Summit interior offers club seating, cabinetry, and carpet that allows you to conduct a business meeting in comfort on the way to a conference or a project site. This interior also makes the Kodiak great for family trips. A true example of rugged refinement, Summit features individual headset jacks, oxygen, LED lighting, AC control, and charging ports for your portable electronic devices.

### SUMMIT SEATS

- All-leather, fully adjustable seats
- Full recline function so you can stretch out and relax
- Individual tracking systems for additional leg room at each seat
- Adjustable headrests
- Fold down arm rest
- Comfortable car-like safety harness
- Easy access to microphone/headphone jacks and oxygen

### OTHER AMENITIES

- Individual storage pockets in the sidewall at each seat
- Cupholders in both the cabin and cockpit
- Overhead PSU air and LED lighting units at each seat
- Club seating with two fold-out tables (one on each side)
- Two cabinets with a combined 2.5 cubic feet of space
- Cabinet features include removable ice bins, thermos provisions and storage for the POH, maps, etc.
- Optional sixth cabin seat for additional seating
- Dual zone cabin and cockpit ventilation



All interior options come with individual USB ports as standard equipment.

### TIMBERLINE™

A step up from the Tundra, the Timberline offers all the functionality of the Tundra, but with upgrades like carpeted interior, faux leather accent panels, seat storage pockets, and cup holders, you'll be flying in style. Timberline seats have additional bolstering for added comfort, and the removable carpet provides extra comfort, warmth, and soundproofing. If you're looking for the ruggedness of the Kodiak, but aren't willing to sacrifice comfort, Timberline is the interior for you.

The Interior Package comes in warm beige or cool gray. The standard Timberline interior comes with:

- 2 Timberline crew seats
- 4 Timberline passenger seats
- Slip-resistant flooring
- Removable carpet
- 8 Passenger headset jacks
- 8 Passenger PSU vents and LED reading lights
- Storage pockets in the sidewall beside each seat
- Cupholders in both the cabin and cockpit
- Decorative arm ledge
- Individually controlled pilot and passenger space AC
- 2-place oxygen system for crew

### TUNDRA™

Tundra base interior is lightweight, yet it can withstand the heavy use typically seen in charter operations that carry a combination of passengers and freight. The leather seats are easily removed (about 30 seconds each) and stowed in the optional cargo pod for effortless conversion between passengers and freight. The floor is protected with a layer of rubber compound which provides a rugged anti-skid surface. Vents provide fresh air and reading lights at each of the 8 passenger stations. Headset jacks are located at each passenger seat to allow everyone on board access to the aircraft's intercom system.

The Interior Package comes in warm beige or cool gray. The standard interior comes with:

- 2 Tundra crew seats
- 4 Tundra passenger seats
- Slip-resistant flooring
- 8 Passenger headset jacks
- 8 Passenger PSU vents and LED reading lights
- Full cabin ventilation control system
- Individually controlled pilot and passenger space AC
- 2-place oxygen system for crew



### SUMMIT INTERIOR



TIMBERLINE INTERIOR



TUNDRA INTERIOR

THE GARMIN G1000 NXi SUITE,  
A VISION OF SAFETY AND INTEGRATED AVIONICS.



[ TECHNOLOGY ]

**THE INTEGRATED FLIGHT DECK ANCHORED BY THE GARMIN G1000 NXi.  
THE BRAINS BEHIND THE BRAWN.**

Newly integrated into the Kodiak Series II cockpit is the next-generation G1000 NXi avionics suite. The G1000 NXi offers a combination of new standard and optional features that ease pilot workload and increase the margin of safety.

**PROCESSOR SPEED**

Garmin has improved the system's speed by upgrading to dual-core processors making the G1000 NXi lightning quick during start up, zooming, and panning.

**FLIGHT STREAM 510**

One of the most important new standard features of the G1000 NXi is the Flight Stream 510. Designed to reduce pilot workload, Flight Stream 510 allows pilots to configure flight plans on their mobile device using the Kodiak flight planning application, then automatically transfer their flight plan to the G1000 NXi through a Bluetooth connection. This connection can also facilitate loading databases straight from a mobile device, allowing the plane to get airborne sooner. Quest will supply a two-year subscription to the Kodiak application, powered by Garmin Pilot™. This app allows full utilization of all new features available with Series II Kodiaks.

**PRIMARY FLIGHT DISPLAY FEATURES**

The PFD has multiple new features to help maintain situational awareness so you can stay safe even in high workload environments.

With the ability to inset a moving map into the HSI, it gives the pilot the ability to maintain an instrument scan while being able to view crucial information such as traffic, terrain, weather, nav aids, and obstacles. HSI mapping and Synthetic Vision Technology are standard equipment on every Kodiak.

A simple, but effective, new display on the PFD is the frequency decoder. The name of the facility that the Radios/Nav aids are actively tuned into is displayed below the traditional frequency display.

Kodiak's equipped with optional SurfaceWatch will have help in avoiding runway incursions and operating safely in the airport environment. Warnings will appear when taking off or landing on the wrong runway or on a runway that is too short.

**MULTI-FUNCTION DISPLAY FEATURES**

A helpful new feature on the navigational map page is the Vertical Situation Display. Once a flight plan has been loaded into the system, the pilot will be able to see a graphical representation of the Kodiak's altitude in relation to the terrain for the entire flight.

The weight and balance page on the MFD has the ability to fully execute a weight and balance report right in the cockpit. The aircraft's weight, seat stations and cargo stations will be pre-loaded into the system. Once the weights of the crew, passengers, fuel and cargo are input, the screen will display the weight and balance report to ensure the loading parameters have been met.

The moving map can now be selected to display the traditional terrain map, sectional, IFR Low and High charts on the MFD. In addition to the new map selections, the pilot has the ability to overlay visual reporting points right on the moving map.

The G1000 NXi gives the pilot the ability to select a Visual Approach. This means the system can generate a three-degree autopilot coupled vertical flight path down pilot designated minimums at most airports.

When optioned with the GDL® 69A, the G1000 NXi is capable of displaying full animation of NEXRAD weather.

**GARMIN GWX™-70 WEATHER RADAR**

An upgraded option on Series II, the GWX 70 is an all-in-one antenna/receiver/transmitter that provides 4-color storm cell tracking to the G1000 NXi. The selectable scan (up to 90 degrees) and pulse range lets the pilot hone in on target areas, plus full pitch-and-roll stabilization is available for smooth weather tracking during climbs or turns. The side view vertical scanning function allows it to profile storm tops, gradients and cell buildup activity at various altitudes. Weather Attenuated Color Highlight (WATCH™) can identify areas beyond the radar's capability that may contain more hazardous areas of precipitation.

**TURBULENCE DETECTION WITH GROUND CLUTTER SUPPRESSION ENABLE CARD OPTION**

Turbulence Detection and Ground Clutter Suppression add additional functionality to the optional GWX-70 Weather Radar. Ground Clutter Suppression takes the guesswork out of interpreting what is on the screen by identifying radar ground returns and removing them from the display while turbulence detection can determine areas of turbulence that might contain particulates, like rain or hail.

**GARMIN GTX 345R TRANSPONDER w/ ADS-B**

The Garmin GTX 345R transponder has ADS-B out to satisfy Next-Gen requirements, while providing all the weather and traffic benefits of ADS-B In. Included as standard equipment with all Series II aircraft, the transponder has the ability to track and display 45 targets at once. You can wirelessly stream weather, traffic, GPS position and backup attitude via the Flight Stream 510 connection to the Kodiak application on a mobile device.

**L3 ESI-500 STANDBY INSTRUMENT**

The L3 ESI-500 is an advanced standby instruments designed for turboprop aircraft like the Kodiak. It displays attitude, altitude, airspeed, vertical speed, and slip data on its easy-to-read multicolor display. Should the system lose aircraft power, the built in back-up battery will provide power without interruption.

**ANGLE OF ATTACK INDEXER**

The Kodiak 100 is equipped with an angle of attack indicator allowing the pilot to visually target a desired angle of attack for different phases of flight. Providing instantaneous AoA trend information, the ARINC 429 also alerts to impending stalls.

**OTHER FLIGHT DECK FEATURES**

Garmin 1000 NXi SurfaceWatch Option, Garmin GFC 700 Autopilot, Garmin GDL-69A Weather, News & Entertainment Option, Garmin GTS™ 800 Traffic Avoidance System Option, Stormscope® WX-500, Jeppesen® Enabled Chart View Option, ELT 406 MHz with GPS, Garmin Search & Rescue Enable Cards.



[ MANY MISSIONS ]

## EMERGENCY AID AND AIRLIFT IN EARTHQUAKE DEVASTATED ECUADOR: WHAT THE KODIAK WAS DESIGNED FOR.

The Quest Kodiak is a highly versatile aircraft with amazing STOL characteristics. It is used by business, owner-operators and government for many duties, but mission one is to provide assistance to people in need. That is exactly what Samaritan's Purse (flying bulk supplies into major airports in Ecuador) and Alas de Socorro del Ecuador (ADSE), a Mission Aviation Fellowship (MAF) affiliate, have done. They flew the Quest Kodiak into the hardest to reach areas of Ecuador that were devastated by the 2016 earthquake.

The death toll from the magnitude-7.8 earthquake in a remote coastal region of Ecuador claimed an estimated 500 lives with thousands injured and homeless. According to John Woodberry, MAF Disaster Relief Manager, their "work involved more than medical transports. Because roads and bridges were destroyed by the earthquake, ADSE flights brought doctors, relief workers, medicine, and other supplies, to remote areas."

MAF, using their Kodiak, ferried in supplies and airlifted out injured people because of the remarkable short takeoff and landing capabilities of this plane. It can land and take off in less than 1000 feet fully loaded. As long as there is a reasonably safe, cleared landing strip, the Kodiak can make repeat trips into and out of the affected area carrying 7,255 lbs (or 3290 kg) of fuel, personnel and supplies.



PERSONNEL: 1000 LBS    GEAR: 1325 LBS    FUEL

USEFUL LOAD = 3535 LBS  
FUEL NEEDED FOR 450 NM ROUND TRIP  
(W/ IFR RESERVES): 1210 LBS / 180 GAL  
PAYLOAD AVAILABLE: 2,325 LBS

THE KODIAK CARRIES 3,535 LBS OF USEFUL LOAD AND CAN TAKE OFF AND LAND IN LESS THEN 1,000 FT. THIS PLUS ITS GENEROUS CRUISE SPEED MAKES IT THE IDEAL PLATFORM FOR AIRLIFT AND MEDIVAC OPERATIONS.





**KODIAK100**  
SERIES II

[ MANY MISSIONS ]

## SKYDIVING BOITUVA BRAZIL

Three enterprising Brazilians launch a parachute school and jump club with the versatile Kodiak.

At home in Brazil's National Skydiving Center is the Queda Livre Paraquedismo parachuting school. Their airplane of choice is the ultra-modern Kodiak able to deliver jumpers to 12,000 feet in minutes. This increases turn-around speed, safety and profits.



12,000 FT IN 9 1/2 MIN  
4 SKYDIVER LOADS PER HOUR =  
INCREASED FUN & REVENUE



[ MANY MISSIONS ]

## THE AIR SERVICE HIROSHIMA JAPAN

The Bella Vista seaside resort uses the Kodiak to enhance their premium experience.

Luxury resort customers often complain about the "last mile" — the trip from the airport to the resort. The problem was solved with a fleet of Kodiaks that deliver Bella Vista guests to one of several hotel operations on Japan's Inland Sea. The Kodiaks serve double duty as a sightseeing platform.



SEAPLANE'S USEFUL LOAD = 2690 LBS  
PILOT = 175 LBS COUPLES & BAGS = 1350 LBS  
PAYLOAD = 1525 LBS FUEL = 1165 LBS / 191 GAL  
RANGE@160 KTAS = 480 NM (W/RESERVES VFR)

[ MANY MISSIONS ]

## FARM TO TABLE YAKIMA WASHINGTON

Specialty growers are increasingly using aviation to better connect to their hotel and restaurant clients in the city.

For farmers in the Yakima Valley, the Kodiak can be an indispensable tool in delivering specially produce and wine to the growing list of culinary artists in the Vancouver, Seattle and Portland area. For these growers, the term "farm to table" has taken on new urgency.



USEFUL LOAD = 3500 LBS  
FUEL NEEDED = 800 LBS  
ABLE TO CARRY = 2,700 LBS OF WINE

[ MANY MISSIONS ]

## THE EYE IN THE SKY BOTSWANA AFRICA

Advanced ISR on the Kodiak platform can protect wildlife and the tourism economy.

With its long loiter time, the Kodiak is perfect for conducting aerial surveillance. The Botswana Ministry of Environment, Wildlife and Tourism is using their Kodiak to monitor wildlife, conduct search and rescue, deliver equipment and deter poaching of their precious elephants and rhinos.



USEFUL LOAD = 3535 LBS  
FULL FUEL = 2144 LBS  
PAYLOAD WITH FULL FUEL = 1,391  
LOITER = 9.9 HRS



[ MANY MISSIONS ]

## EXPANDING LIFESTYLE CHOICES, MAKING POSSIBILITIES POSSIBLE.

The Kodiak Series II opens a world of new adventures and new experiences.

Automakers have known for decades that buyers of SUVs and light trucks are attracted to their vehicles for both heavy duty and pleasure. What works for the contractor who uses his F-150 during the week to haul supplies to the job site also works for the family trekking gear to a lakeside fishing spot.

That is the beauty of the Quest Kodiak. It is as strong and reliable as a pickup truck yet versatile enough to take the entire family and their gear to their vacation home or off to some new spot they've dreamed of visiting. Want to drop into a remote camping site. No problem. The Kodiak can land on gravel or grass while hauling all the toys. It is tough, forgiving, and as safe as they come. The ability to fly in and out of remote, distant locations is enabling lifestyle choices only dreamed of before.



FAMILY: 900 LBS

+



GEAR: 500 LBS

+



FUEL: 2130 LBS

RANGE: 1005 NM TIME: 5.8 HRS



THE KODIAK CAN TAKE OFF IN UNDER 1,000 FEET AT FULL GROSS WEIGHT OF 7,255 LBS AND CLIMB AT OVER 1,300 FEET PER MINUTE.



[ MANY MISSIONS ]

### TOURISM'S MULTI-TOOL CONTADORA ISLAND PANAMA

Getting from destination to destination separated by miles of jungle requires a magic carpet.

For Panama, the magic carpet is the Kodiak 100. Able to deliver guests with all their luggage, supplies and equipment to widely separated destinations is contributing to a growing tourism industry throughout Central America.



TAKEOFF DISTANCE WITH  
10 PEOPLE & FUEL = 934 FT.



[ MANY MISSIONS ]

### THE URBAN ESCAPE POD COPALIS BEACH

For those short on time but high on adventure, the Kodiak is the perfect getaway vehicle.

Washington State is one of those special states blessed with thousands of beautiful places to escape the city. Located right on the Pacific Coast is one of the only certified beach runways in the US usually reserved for smaller aircraft. Not a problem for the Kodiak.



USEFUL LOAD 3,535 LBS  
FAMILY + PICNIC = 1000 LBS  
RANGE AVAILABLE = 1005+ NM

[ MANY MISSIONS ]

### THE WORKHORSE CANYONLANDS UTAH

A perfect vantage point for wilderness adventures and sightseeing tours.

RedTail Air Adventures, out of Moab, Utah, uses their fleet of Kodiaks to treat guests to amazing aerial views of the Utah backcountry. They also shuttle groups for river trips and drop backpackers off at special remote locations.



[ MANY MISSIONS ]

### SURF SAFARI HAWAIIAN ISLANDS

Kelly Slater & his clothing company, Outerknown, joined the Quest team in a Hawaiian surf adventure.

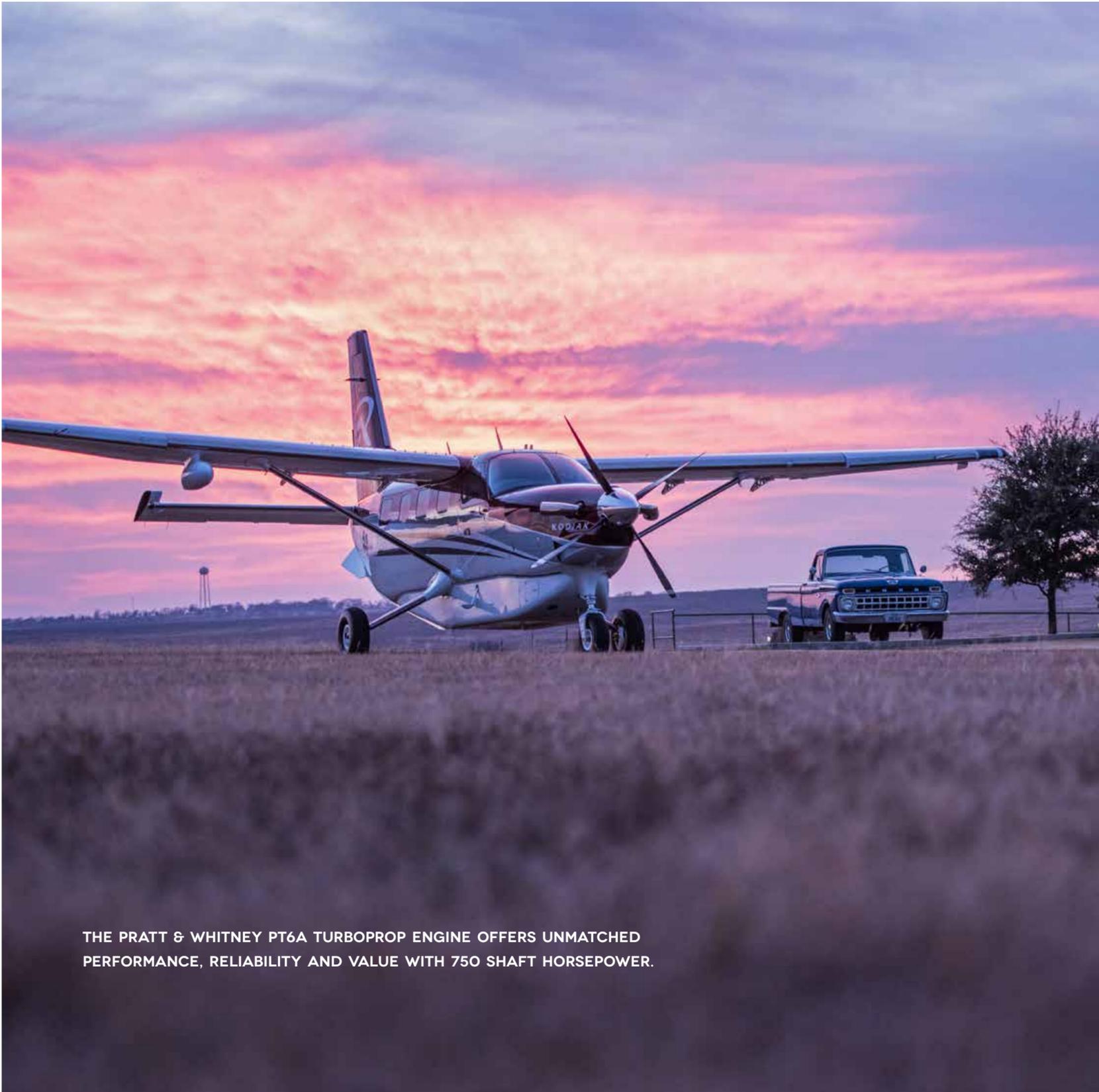
Being at the right place at the right time when the surf peaks is a trick made easier with the Kodiak. Kelly Slater and his friends took a tour and made note of prime surfing spots around the islands. With it's SUV-sized windows, everyone had a beautiful view.



USEFUL LOAD = 3535  
FUEL NEEDED - OAHU TO KONA  
AND BACK = 850 LBS  
PAYLOAD = 2,685 LBS



USEFUL LOAD = 3,535 LBS  
FULL FOR 360 NM TRIP + RESERVE = 780 LBS  
8 PEOPLE = 1400 LBS  
BAGS & GEAR = 1,355 LBS



THE PRATT & WHITNEY PT6A TURBOPROP ENGINE OFFERS UNMATCHED PERFORMANCE, RELIABILITY AND VALUE WITH 750 SHAFT HORSEPOWER.

[ OPTIONS ]

**CUSTOMIZABLE TO FIT YOUR NEEDS**

The Kodiak offers a wide range of interior and exterior options which are listed below:

**EXTERIOR:**

**EXTERNAL BAGGAGE COMPARTMENT**

The External Baggage Compartment (ECC) installation is of composite construction and mounts onto the bottom of the fuselage to provide additional cargo and baggage space. It has a maximum load-carrying weight of 750 pounds and a maximum floor loading of 65 pounds per square foot to allow a wide variety of loading scenarios. The ECC is divided into three compartments separated by composite bulkheads and each compartment has an individual loading door and internal skid ramp to facilitate loading and unloading. With its clean aerodynamic design, there is very little reduction in performance (only 1-2 knots reduction in cruise speed).

**TKS® ICE PROTECTION**

The TKS Ice Protection System makes the airplane Certified for Flight Into Known Ice (FIKI). It incorporates porous titanium panels attached to the leading edge of the wings, wing struts, main landing gear legs, and empennage. The system includes a 16-gallon tank, which yields an endurance of 2-1/2 hours of continuous operation in normal icing conditions. The tank may be mounted in the cockpit area as a center console or in the forward bay of the optional cargo pod, if installed.

**29" TIRE COMBO UPGRADE**

A popular upgrade on the Kodiak, the larger tires provide improved handling and durability on rugged backcountry airstrips. This also upgrades the landing weight to 7,255 lbs.

**PITCH LATCH PROPELLER**

For those operating the Kodiak on floats, the Pitch Latch Propeller allows the propeller to stay in a fine-pitch position when the engine is shut down. When the engine is started with the propeller blades in fine-pitch, it takes much less time to produce forward thrust and begin taxiing.

**SINGLE-POINT REFUELING (STC)**

Located at the left wing root, this option give the operator a simple, clean and easy way to quickly refuel both wing tanks utilizing one port. This option is installed as a post delivery STC.

**GRAVEL DEFLECTOR**

Attaching to the nose and main landing gear, the Gravel/Mud Deflector Kit helps prevent costly downtime and repairs by deflecting gravel and rocks away from the horizontal stabilizer, fuselage, and lower surface of the wings.

**INTERIOR:**

**10-PLACE OXYGEN UPGRADE**

To increase the endurance of the airplane and operate at higher altitudes, this upgrade replaces the 50 cubic foot 2 place oxygen bottle with a 115 cubic foot composite oxygen bottle and adds ports for 8 passengers. Also included are 2 crew masks with built-in microphones and 8 passenger masks.

**COCKPIT VOICE & DATA RECORDER OPTIONS**

The Kodiak has the ability to be optioned with a Cockpit Voice and Data Recorder. Different CVDR options may include a crash survivable memory unit, underwater locator beacon or independent recorder power supply.

**AIR CONDITIONING**

The vapor cycle air conditioning system consists of an engine-driven compressor, forward evaporator, aft evaporator, condenser and two blowers. The front pilot area and the rear passenger area can be separately controlled through the digital touch screen display. Cool air is distributed via 12 gaspers to maintain a comfortable temperature throughout the cabin.

**SPECIAL OPERATIONS:**

**TURNED OUT EXHAUST STACKS**

Recommended for use with the roll down door, the turned-out exhaust stacks direct the exhaust away from the fuselage to greatly reduce exhaust fumes near the aft door.



[ KODIAKCARE ]

# KODIAKCARE

## YOUR KODIAK IS OUR #1 PRIORITY

KodiakCare is an insurance policy — a personal security blanket. Our customers know that their Kodiak adventures and experiences are backed by a worldwide team of professionals ready to assist in any way, at any time.

The foundation of the program is the KodiakCare package.

### COMPREHENSIVE TWO-YEAR AIRFRAME WARRANTY

Each new Kodiak comes with an industry leading warranty. The Kodiak warranty is designed to be seamless, worry-free, and fast with online access to keep you flying.

### 24/7 ONLINE ACCESS TO THE TECHNICAL PUBLICATIONS PORTAL

The Kodiak technical publications portal is provided with your new aircraft for two years from the date of purchase. The portal provides access to the technical information you need to operate and maintain your Kodiak anytime, anywhere.

### 24/7 AOG RESPONSE

Our number one commitment is serving the worldwide community of Kodiak owners with world-class service and support. AOG support is available 24 hours a day, 365 days a year by calling or emailing your team of dedicated, knowledgeable Kodiak technicians.

### 24/7 TECHNICAL SUPPORT

Support is at your fingertips. Your team is always available via email or phone to answer questions and help with troubleshooting.

### SECOND DAY FREIGHT ON WARRANTY PARTS

All warranty parts ship via UPS 2-day air in order to get you back in the air ASAP.

### KODIAK POH/AFM REVISION SERVICE

With the Kodiak Pilot's Operating Handbook and Aircraft Flight Manual revision service, updates are automatically shipped to you whenever a revision to either manual is released during the first two years you own your Kodiak.

### ONE-YEAR ENROLLMENT TO CAMP

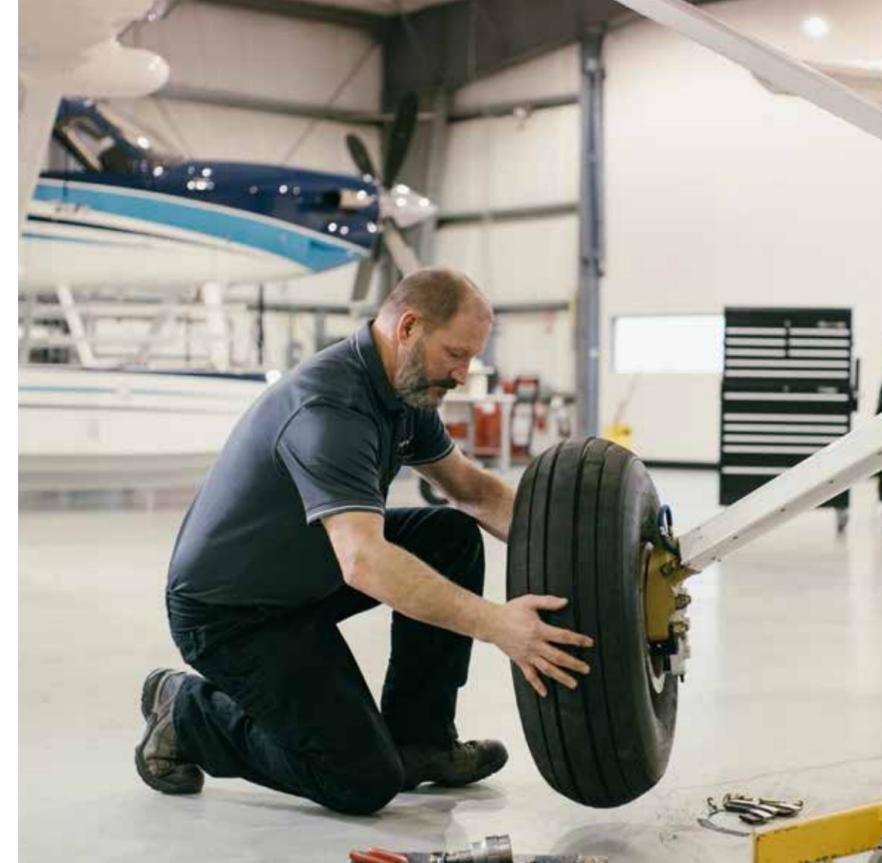
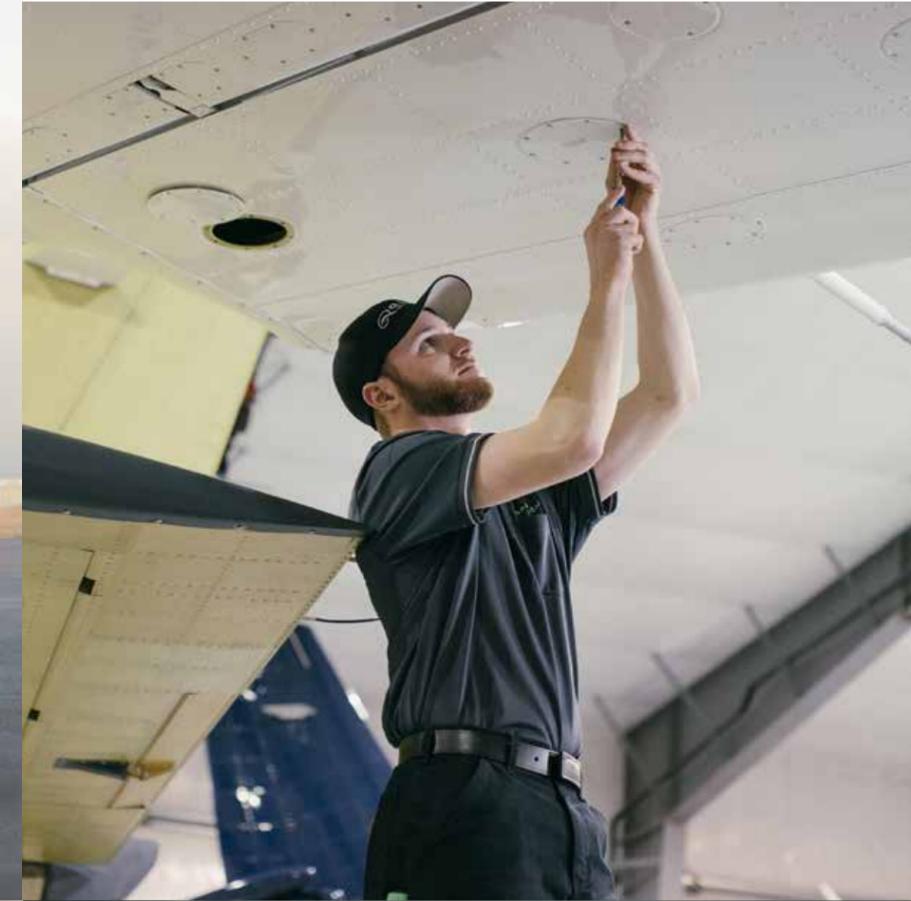
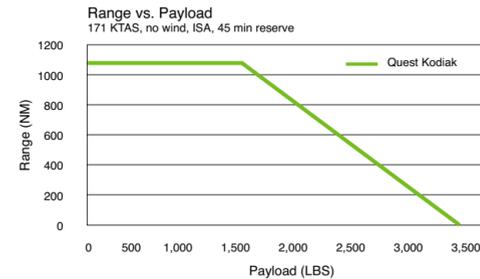
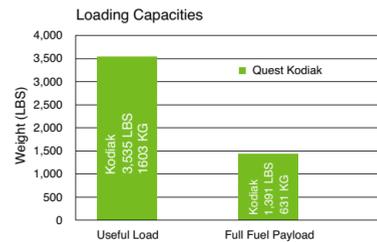
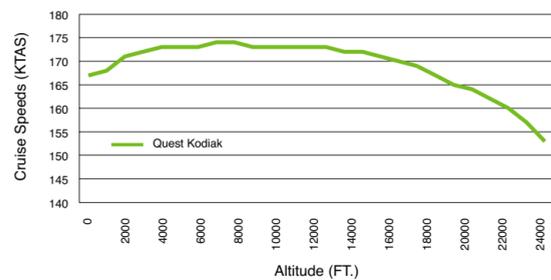
By providing enrollment in the CAMP Engine Health Monitoring (EHM) and Maintenance Tracking (MTX) service programs at no charge, Quest empowers you with the tools to control your operational costs and maintain the aircraft's resale value.

### TWO-YEAR OR 400 HOURS\* ENROLLMENT IN ESP

To protect the value of your investment and help defer engine depreciation, the ESP (Eagle Service Plan) Gold Lite program is provided at no charge – a value of up to \$50,000 towards covered engine maintenance. (Up to 400 hours Total Time Since New or two years from date of aircraft delivery, whichever occurs first, for engines enrolling when new.)

*Email: [customerservice@questaircraft.com](mailto:customerservice@questaircraft.com) Technical publications available through the Quest Aircraft website at [www.QuestAircraft.com](http://www.QuestAircraft.com)*

## MAINTAIN OPTIMAL PERFORMANCE



[ SPECIFICATIONS ]

**THE KODIAK SERIES II IS A SMART AIRCRAFT  
DESIGNED AND BUILT IN THE 21ST CENTURY**

The specifications shown below are for 2018 Series II aircraft. Specifications for previous aircraft may be different.

**WEIGHTS & LOADINGS**

Max. Ramp Weight	7,305 lbs	3,313 kg
Max. Takeoff Weight	7,255 lbs	3,290 kg
Base Aircraft Empty Weight	3,775 lbs	1,712 kg
Base Aircraft Useful Load	3,530 lbs	1,601 kg
Fuel Capacity	320 gal	1,211 L
Max. Wing Loading	30.2 lbs/sq ft	147.45 kg/sm
Max. Power Loading	9.67 lbs/hp	4.39 kg/hp

**PERFORMANCE (WITHOUT CARGO POD)**

Stall Speed Vs1 (flaps up)	77 kcas	143 kph
Stall Speed Vs0 (flaps down)	60 kcas	111 kph
Rate of Climb (max. cont. at SL)	1,340 fpm	408 mpm
Rate of Climb (10,000 ft)	867 ft/min	264 m/min
Takeoff Ground Roll	934 ft	285 m
Landing Ground Roll	765 ft	233 m
Certified Ceiling	25,000 ft	7,620 m

**CRUISE PERFORMANCE** 183 KTAS 339 KPH

**RANGE & ENDURANCE**

**WITH 45 MIN. RESERVE (WITHOUT CARGO POD)**

Max Cruise		
174 ktas, 12,000 ft (3,700 m)	1,005 nm	1,861 km
Cruise Fuel:	271 gal	5.8 hrs
Assumes consumption rate of:	48 gph	182 L/hr

**Max Range Cruise**

135 ktas, 12,000 ft (3,700 m)	1,132 nm	2,096 km
Cruise Fuel:	271 gal	8.4 hrs
Assumes consumption rate of:	33 gph	125 L/hr
Max Endurance		
95 ktas, 12,000 ft (3,700m)	944 nm	1,748 km
Cruise Fuel:	271 gal	9.9 hrs
Assumes consumption rate of:	28 gph	106 L/hr

**POWERPLANT**

	PEW PT6A-34
Takeoff Power @ 2200 RPM	750 hp
Max Continuous Power	700 hp

**Propeller (Constant speed, feathering, reversible)**

Diameter	96 in 2.44 m
Tip Clearance	19 in 48 cm

**FUSELAGE**

Cabin Width	4'6"	1.37 m
Cabin Height	4'9"	1.45 m
Cabin Length	15'10"	4.83 m
Cargo Volume (exc. cockpit)	248 cu ft	7.02 cu m
Overall Length	33.8 ft	10.3 m
Overall Height	14.7 ft	4.48 m
Seats	1-10	
Doors	3	

**Door Sill Height** 38 in 0.97 m

Cargo Door (LH side)		
Opening Width	49.25 in	1.25 m
Opening Height	49.25 in	1.25 m
Cockpit Doors (both sides)	31 x 51 in	31 x 51 in
Opening Width	31 in	0.79 m
Opening Height	51 in	1.30 m

**FLIGHT SURFACES**

Wing Area	240 sq ft	22.3 sq m
Span	45'	13.72 m
Dihedral	3°	
Flap Type	Fowler, single-slotted	
Horizontal Span	20'4"	6.21 m
Overall Height	14.7 ft	4.48 m

**LANDING GEAR (FIXED, FAIRED LEG, NO PANTS)**

Main Gear	8.5 x 10 Cleveland, spring steel
Nose Gear	6.5 x 8 Cleveland, air-oleo, steel

**CERTIFICATION**

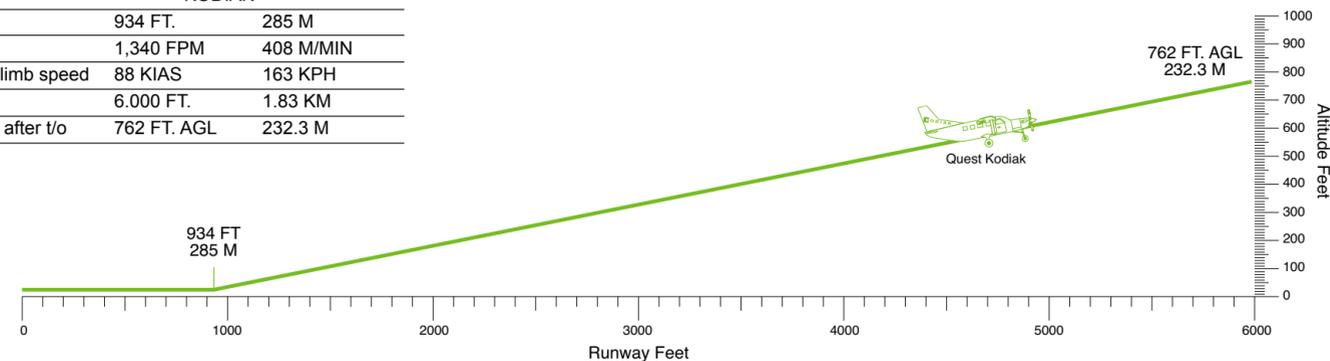
The Kodiak is certified under Part 23 of the Federal Aviation Regulations in the Normal Category for day, night, VFR, and IFR flight operations, and certified for flight into known icing when equipped with optional TKS Ice Protection System.

**TAKEOFF DISTANCE & CLIMB RATE**

**KODIAK**

Takeoff ground roll	934 FT.	285 M
Climb rate	1,340 FPM	408 M/MIN
Manufacturers recommended climb speed	88 KIAS	163 KPH
Runway length	6,000 FT.	1.83 KM
Height above runway threshold after t/o	762 FT. AGL	232.3 M

Source: OEM Pilots Op. Handbooks



**CAPACITY**



7,255 LBS 3,290 KG

MAX. TAKEOFF WEIGHT



SUMMIT INTERIOR



8 PASSENGERS, 2 CREW, LUGGAGE



6 PASSENGERS, 2 CREW, BULK LUGGAGE



4 PASSENGERS, 2 CREW, BULK LUGGAGE & CARGO OR SPECIAL OPERATIONS



2 PASSENGERS, 2 CREW, CARGO OR SPECIAL OPERATIONS

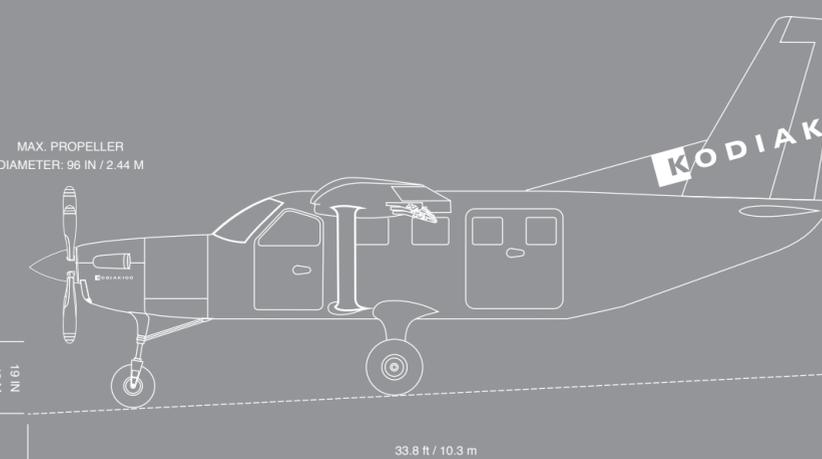
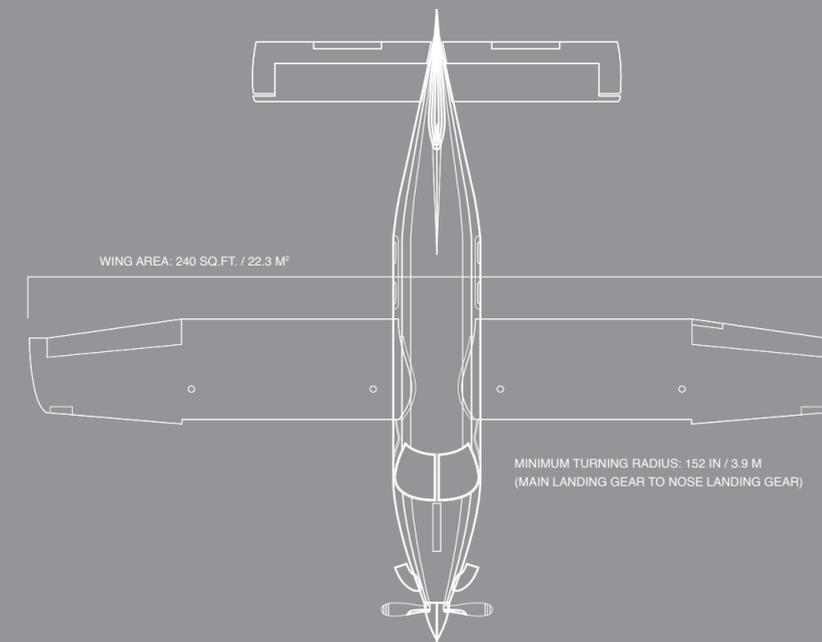


2 CREW, CARGO OR SPECIAL OPERATIONS



45 GPH 170.3 L/HOUR

**DIMENSIONS**



[ THE QUEST FAMILY ]

## THE QUEST TO DO GOOD, TO BE BETTER SANDPOINT IDAHO

The desire to do good and be better was at the heart of the founding of Quest Aircraft. It was the mission of providing the humanitarian community with a long overdue alternative to the world's fleet of aging STOL airplanes that eventually lead to the creation of the Kodiak, certified in 2007 — a modern, heavy-duty plane that could deliver aid and rescue to the most remote reaches of the earth. Not an easy task given the consolidation of the aviation industry now dominated by giants.

Mission accomplished? Well, not quite.

There was a second mission: to provide employment, education and skills to rural Americans who often end up hurt by globalization. This goal was achieved by building an aircraft company from scratch in the mountains of Northern Idaho. The scenic lake-side community of Sandpoint would become the eventual home to some 300 dedicated creators of the world's best multi-purpose short field 10-passenger turboprop.

Every member of the Quest team is committed to building a tough, safe and reliable craft, while the company is committed to giving back to their hometown. Even during their darkest times, when recession and funding were scarce, everyone did what was necessary to keep the operation going and growing. Today, the company is prospering. Orders are increasing, the factory floor is expanding; and, the introduction of the Kodiak Series II marks 10 years of continuous improvement.

So, we asked our team to tell us what they think about the job they do and the product they build. Here are a few of their responses: "Quest Aircraft is a company of passionate aviators who believe in changing the status quo of OEM's by making the best hand built, rough service, high payload plane of its class in the world," "We take an uncompromising approach to safety and quality. We make our airplane simple to use, robust, and beautiful," "We are loyal to our roots, and we are loyal to our customers," and "We go where others can't."

These are the words of maker's pride, pride that you can feel in each Kodiak that comes out of the hangar doors.



"THE KODIAK IS LIKE A FLYING PICKUP TRUCK WITH A MUSCLE CAR ENGINE AND A LUXURY SUV INTERIOR."



BUILT BY HAND IN SANDPOINT, IDAHO



# KODIAK100<sup>®</sup>

SERIES II



QUEST AIRCRAFT COMPANY  
MANUFACTURERS OF THE KODIAK 10-SEAT STOL TURBOPROP  
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