



DAHER

**KODIAK
900**

THE KODIAK 900 IS A HYBRID OF BOTH DAHER AIRCRAFT PLATFORMS.

The Kodiak 900 inherits the backcountry legacy of the Kodiak 100 and the performance-driven reputation of the TBM. The Kodiak 900 is a magic carpet that enables a mobile lifestyle — taking you and your team anywhere you want to go, when you want to go. The Kodiak 900 is a twenty-first century aircraft delivering

increased speed - extended range - higher payload - innovative from spinner to tail

while retaining the unique qualities of safety, reliability and versatility found in its Kodiak 100 sibling:

- stall resistant short takeoff and landing capability
- multiple cargo space options
- low operating costs
- multiple cabin layouts and mission possibilities
- fuel efficiency
- luxury appointments

The Kodiak is certified under Part 23, Amendment 63 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.

Max Range	1,129 nm - 2,091 km	Max Cruise Speed	210 ktas - 389 km/h
Climb Rate	1,724 f/min - 525 m/min	Useful Load	3,630 lbs - 1,647 kg
Take Off / Landing	1,015 FT - 309 m / 1,460 ft—445 m	Loiter Time	9.2 HRS
		Normal Seating	1-10

Max Cruise	210 ktas - 389 km/h at 12,000 ft - 3,658 m	/	Range 969 nm - 1,794 km	/	Flight Time 4.3 hrs
Max Range Cruise	156 ktas - 289 km/h at 12,000 ft - 3,658 m	/	Range 1,129 nm - 2,091 km	/	Flight Time 6.8 hrs
Max Endurance	102 ktas - 189 km/h at 12,000 ft - 3,658 m	/	Flight time 9.2 hrs		

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CABIN CONVERTIBILITY AND VERSATILITY

The Kodiak 900 retains the practical utility of the Kodiak 100. Luxurious seats can be rearranged in multiple configurations, including double club seating. For cargo and special operations, the passenger seats can be fully or partially removed.

FLIGHT CHARACTERISTICS

For anyone who has flown the Kodiak 100, the Kodiak 900 flight characteristics are nearly identical and equally impressive despite the increase size and weight. Pilots will have little downtime adapting to the new airframe.

OPERATIONAL ECONOMY

A hallmark of all Kodiaks is impressive fuel efficiency and low maintenance costs. The Kodiak 900 sips 58 gallons a hour while cruising at 210 knots with lower maintenance costs.

IMPROVED AERODYNAMICS

The Kodiak 900 is made faster, in part, due to less drag. Engineering efficiencies have been added throughout the aircraft, including streamlined wheel fairings, flaptrack covers, repositioned VGs, an integrated cargo pod, and numerous refinements to engine intakes and exhaust.

RELIABILITY IS THE KEY TO LONG TERM PERFORMANCE

The Kodiak 900 shares the robust design that is emblematic of the Kodiak 100's backcountry reputation. Extra sturdy gear, a high prop clearance, and higher air intakes mitigate against damage on uneven surfaces. The Kodiak 900 benefits by over a decade of continuous improvements made to the Kodiak 100.

MORE POWER. GREATER EFFICIENCY.

THE PT6A-140A TURBOPROP. With the larger Kodiak 900 comes a larger, more powerful and reliable engine. The Kodiak 900 introduces a new powerplant to the Kodiak family. The Pratt & Whitney PT6A-140A engine is a free-power, two-shaft turbine engine with 900 shaft horsepower or 20% more than on the Kodiak 100. The -140A type consists of two independent turbines: one drives the compressor/gas generator while the second drives the propeller through a reduction gearbox.

FASTER CRUISE SPEED, QUICKER TAKEOFF AND INCREASED RATE OF CLIMB

The PT6A-140A delivers more horsepower, which brings about faster climbs, and higher cruise speeds. The increased performance yields a 1,724 ft/min climb rate, and the Kodiak 900's updated aerodynamic characteristics and performance increase means climb rate is excellent all the way into the flight levels.

A MECHANIC'S DREAM

With the relocation of the battery and reworked/removed MCU system, there is now more room in the engine bay between engine and turbine. The extra space will be welcomed by mechanics. Working on the powerplant will not require removal of other components. The borescope access provides for easy maintenance. The Kodiak 900 also features engineering enhancements to the air intake and ducting systems resulting in significantly less drag and greater efficiency.

A NEW FIVE BLADE HARTZELL PROPELLER

The Kodiak 900 features a new Hartzell constant speed, full-feathering, reversible, hydraulically actuated, composite 5-bladed propeller. This 97-inch diameter propeller diameter adds significant performance to climbs, descents, and cruise, all the while reducing noise both within and outside the aircraft. The prop clearance comes in at 15.4 inches, giving enough room for rough, uneven, off-pavement operations. The propeller edge also features nickel plating to protect the composite material and improving its lifespan.



ONLY TWO WORDS MATTER: SAFETY AND RELIABILITY.

The Kodiak 900 is designed in the 21st century and certified in 2022. It is the most modern and safest aircraft in its class. The Kodiak 900 is certified to modern twenty-first century FAA standards, including the latest amendments. There are also over 1000 additional safety enhancements the Kodiak has, which our older competition does not have. Taken together, the Kodiak 900 is the safest and most reliable aircraft you will find in this class.

RIGOROUS TESTING FOR A SAFER AIRCRAFT

The Kodiak 900'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. All Kodiaks meet and exceed the latest flammability regulations. The Kodiak 900 had to be tested to withstand the harmful effects of a lightning strike. If lightning is nearby, you can rest assured knowing the Kodiak 900 won't lose power to those all-important avionics systems. Amendment 63 standards require a demonstration of a 50 ft. post-takeoff engine failure, which the Kodiak 900 passed with flying colors. Older regulations did not require this for a type certificate. These items and more make the Kodiak 900 one of the safest airplanes manufactured today.

AN INNOVATIVE WING DESIGN PROVIDES AN EXTRA MARGIN OF SAFETY

The Kodiak 900's unique "discontinuous leading edge" wing design yields performance at all flight envelopes. When most airplanes would stall, Kodiaks continue to fly. When most airplanes would spin, the Kodiak 900 gives 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-140A engine provides the Kodiak 900 with increased power and reliability to deliver an impressive rate of climb and cruise speed.

TOUGH & FORGIVING GEAR FOR ROUGH SITUATIONS

With the new integrated cargo pod and airframe changes, the Kodiak 900's landing gear has shifted aft and moved lower on the airframe. With this placement there are fewer needs for a tail stand for loading and unloading the aircraft. The main gear has been strengthened for increased weight and loads, and it is removable and serviceable with the cargo pod still installed. The nose gear also has an improved configuration for the increased loads of this heavier airplane.

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. Other weather-related safety features include the enhanced GWX-75 Weather Radar, GTS 800 TAS and WX 500 Stormscope.

GARMIN GFCTM 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.

BUILT STRONG AND SMART

All Kodiaks, including the Kodiak 100 and the Kodiak 900, are built strong and smart in our factory in Sandpoint, Idaho. The Kodiak 900 is designed to withstand rigorous abuse and keep flying. It is a modern airplane that will still be in use fifty years from now.

IT ALL COMES DOWN TO PERFORMANCE



IMPRESSIVE CRUISE SPEED AND CLIMB OUT

The Kodiak 900 can comfortably cruise at 210 KTAS at 12,000 feet. The increased horsepower of the Pratt & Whitney PT6A-140A engine also delivers a fast rate of climb and quick takeoff and landing rolls. The increased performance now yields a 1,720 ft/min climb.

A 1,129 RANGE AND 9.2 HOURS OF FLIGHT TIME

Getting where you want is ensured with the significant 1,129 nm range of the Kodiak 900. When loiter time is important, the Kodiak 900 can stay airborne for over 9.2 hours.

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EMPHASIS ON PASSENGER COMFORT

The Kodiak 900's roomy interior is complemented with handcrafted seats, individual passenger amenities and enormous windows on the world below. **LARGER CABIN** The Kodiak 900 is 37 inches longer and 61 cubic feet bigger than its Kodiak 100 sibling. This provides more passenger legroom and more space inside the cabin for luggage and gear.

ALL NEW PASSENGER SEATS

The hallmark of the Kodiak 900 interior is the Summit+ Interior with handcrafted club seats. The new Summit + seats offer unparalleled flexibility with the possibility of a double club configuration, all forward facing seats or multiple combinations. Each seat has left and right armrests and a headrest.

INDIVIDUAL PASSENGER CONTROLS

A true example of rugged refinement, Summit+ features individual oxygen, LED lighting, dual zone touch screen ECS control, phone holder, cup holder, powered headset jack, dual plug headset jack, and USB-A and USB-C charging ports for your portable electronic devices.

AMAZING VIEWS

With an extra set of large windows, the Kodiak 900 provides a breathtaking view of the world below.

MULTIPLE STORAGE OPTIONS

The Kodiak 900 now contains two large storage options. The integrated cargo pod has four access doors including one for long cargo, like skis. The fuselage is larger affording increased in-cabin storage. Bulky items can be loaded through the extra-large side door.



THE Kodiak 900 IS THE ALL-PURPOSE MULTI-MISSION PLATFORM

The Kodiak 900 shares a very important characteristic with the original Kodiak 100. That characteristic is versatility. In addition to increased speed, extended range, and a greater payload, the Kodiak 900 is easily converted from transporting passengers to hauling cargo. The seats can be rearranged in multiple configurations including adaptations for medevac equipment or ISR work stations. The wide fuselage and large, fully-opening side door will accommodate even pallet-sized loads, while the large windows make aerial observations far more effective than the small windows found on conventional aircraft. The integrated cargo pod allows for optimum use of cabin space. For every need, the Kodiak 900 offers a versatile, safe and reliable solution.

COMMERCIAL OPERATIONS

The Kodiak 900 can serve as an airport-to-resort luxury shuttle as well as a touring platform for local sightseeing or excursions to regional tourist attractions. Operators can up their game with the luxuriously appointed features of the Kodiak 900. The Kodiak 900 and the Kodiak 100 are both short takeoff and landing aircraft able to deliver passengers and heavy cargo to the most remote locations. For all-purpose transportation and freight hauling, the Kodiak 900 is the most modern, safe and reliable aircraft in its class.

SPECIAL MISSIONS

The large cabin, extended loiter time, slow speed capability and access to very short, narrow runways make the Kodiak 900 an unmatched choice for law enforcement, maritime control and military ISR operations. It is a flexible platform for many equipment configurations. It is reliable, economical and stealthy. The job of managing remote properties or conducting important environment and wildlife surveys, including LIDAR measurements, is perfectly suited for the Kodiak 900. Remote sensing equipment can be added to the integrated cargo pod. The Kodiak built its reputation responding to humanitarian needs in the most remote corners of the world. The Kodiak 900 continues that vital service for both emergency relief and medevac operations. The ability to get into and out of very small airstrips while carrying heavy cargo make the Kodiak 900 a perfect complement to life preserving operations.



The new Kodiak 900 has all the latest avionics features found in the Kodiak 100, Series III.

- Reduces cockpit workload.
- Enhances situational awareness.
- Take off to touch down navigational assistance. • Full integration of digital and communication platforms.
- Synthetic vision and weather radar.
- Integrated autopilot.

G1000 NXI New Features

Two of the new features that have been brought to the G1000 NXi are 3-D audio and WireAware. Both features increase the pilot's situational awareness and safety. 3-D audio gives the pilot spatial awareness allowing them to identify the location of different radio transmissions and crew and passenger ICS, with advance auditory signaling from the avionics system into the headset. WireAware graphically overlays comprehensive powerline location and altitude information on the moving map. This Kodiak product line is often used in missions requiring low altitude flight, and is an essential safety tool which will be standard equipment on all Kodiak 900s. Speaker ambient noise compensation is a new feature that automatically adjusts the cockpit volume to appropriate levels for the current environment.

New Bus Architecture

The electrical system and bus architecture has been completely redesigned and engineered to simplify ease of use and maintenance. With a redesigned bus architecture, the Kodiak 900 was designed with pilot workload and safety in mind. With four buses (Essential, Main, Secondary Flight, and Auxiliary) the process of troubleshooting and flows becomes easier for operators. In the event of an electrical failure the system is designed to auto-shed non-essential systems to simplify pilot tasks in high workload situations. In addition, the circuit breaker panel has been updated to follow the bus architecture, making things easy to find quickly in the event they're unexpectedly needed. In addition, the Kodiak 900 has a 300-amp starter/ generator and a 60-amp alternator, which is key for high demand electrical needs like special missions operators. The continuous draw under normal flight conditions is only 55 amps, leaving 245 available for special mission's needs.

Versatile Cockpit

The Kodiak 900 cockpit and instrument panel were designed with ergonomics and safety in mind. Pilots will enjoy flying the Kodiak 900 with the seamlessly integrated G1000 NXi and newly relocated GFC 700 autopilot. Moving the GFC 700 panel above the MFD not only improves ergonomics, it allows commercial and special missions operators ample room to customize the panel with specialized panel mounted equipment.



The Integrated Flight Deck anchored by the Garmin G1000 NXi offers a combination of new standard and optional features that ease pilot workload and increase the margin of safety.

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. A two-year subscription to the Kodiak application will be applied, powered by Garmin Pilot™. This app allows full utilization of all new features available with the 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 Surface Watch 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 GWXTM-70 Weather Radar An upgraded option on Series III, the GWXTM 75 Weather Radar 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 Adding additional functionality to the optional GWX-70 Weather Radar. Ground Clutter Suppression eliminates guesswork 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 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 GTSTM 800 Traffic Avoidance System Option, Storm scope® WX-500, Jeppesen® Enabled Chart View Option, ELT 406 MHZ with GPS, Garmin Search & Rescue Enable Cards.



KODIAK
900

THE KODIAK 900 SERIES EXECUTIVE PACKAGE

A comprehensive package ensuring performance, efficiency and safety for the Kodiak 900.

THE KODIAK EXECUTIVE PACKAGE HIGHLIGHTS

- AVIONICS PACKAGE ONE
 - GTS 800 TAS/WX-500 STORMSCOPE PACKAGE
 - GDL-69A-XM DATA LINK W/AUDIO INFOTAINMENT
- EXTERNAL CARGO COMPARTMENT (ECC)
- TKS ICE PROTECTION / FIKI CERTIFIED
- SINGLE-POINT REFUELING SYSTEM
- SUMMIT+ INTERIOR PACKAGE
- 4-YEAR KODIAK CARE MAINTENANCE PROGRAM



STANDARD EQUIPMENT

Every new Kodiak 900 comes equipped with an extensive set of features and equipment. This is a partial list of the equipment included in all Kodiak 900 aircraft:

AVIONICS

Garmin G1000 NXi integrated avionics suite

- GFC 700 autopilot with electronic stability protection, level mode, under-speed protection, coupled go-around and yaw damper
- Dual GPS, AHRS, ADC
- Dual Garmin GMA 1360 audio panels
- GTX 345R Mode-S transponder with ADS-B in/out
- Class-B terrain awareness system
- Garmin Synthetic Vision
- 406 MHz ELT w/ remote switch and GPS enabled
- (2) Cockpit USB ports
- SurfaceWatch Enable Card
- ChartView Enable Card
- Garmin NavData subscription (1 year included)

FLIGHT INSTRUMENTS

- Fully integrated flight instruments in the G1000 NXi
- 4-in-1 electronic standby
- Dual pitot/static systems
- Dual pitot heat
- Angle of Attack (AOA) indexer

ENVIRONMENTAL

- Fully automated touch screen ECS controller
- Cockpit and cabin bleed air heating with silencer
- Forward and aft blowers
- Brushed metal ventilators throughout cockpit & cabin
- State-of-the-art sound proofing
- 10-place oxygen

POWERPLANT

- Engine PWC PT6A-140A, 900 SHP, 4000 HR TBO
- Engine wash ring (integral)
- Oil cooler, high capacity
- Intake inertial separator
- Prop, 5-blade composite, constant speed full feathering, 97 inch
- Pratt & Whitney ESP

EXTERIOR

- External Cargo Compartment (ECC)
- Industry leading corrosion proofing
- Wheel pant fairings
- Control surface bonding straps
- (2) crew doors, 180° opening with crew door stay
- Large cargo door

INCLUDED COURSES

- Pilot training (1 Course)
- Maintenance training (1 Course)

ELECTRICAL POWER

- (1) Battery, 24V sealed lead acid
- Starter/generator, 300 amp
- 60 amp alternator

LIGHTS

- HID landing lights
- Taxi lights with pulse, LED
- Navigation lights (2), LED
- Strobes (2), wingtip mounted, LED
- Beacon (LED)
- Passenger reading lights (8)
- Center aisle ambient LED lights

FUEL SYSTEM

- Single-point refueling
- Fuel tanks (2) 322 gallons total
- Float-type fuel level sensors, industry leading accuracy
- Fuel temperature indication

INTERIOR

- Summit+ interior offers 6 club seats
- Air conditioning
- Corrosion proofing
- Non-slip flooring or carpet
- Seats, Summit+ trim

LOOSE EQUIPMENT

- Inflatable crew door seals
- (2) Bose A20 Pilot Headsets
- Eight (8) cabin USB ports
- Fire extinguishers (3)
- Crew and passenger oxygen masks;
- Cargo straps



UNMATCHED CUSTOMER CARE

The KodiakCare team are your copilots on the ground.

They are dedicated to keeping you flying.

COMPREHENSIVE 4-YEAR AIRFRAME WARRANTY

Each new Kodiak 900 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.

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

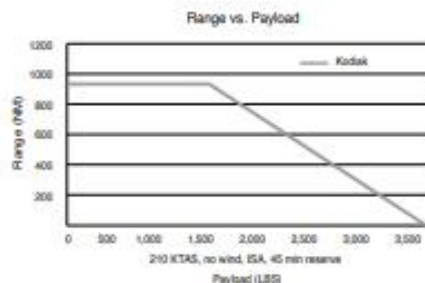
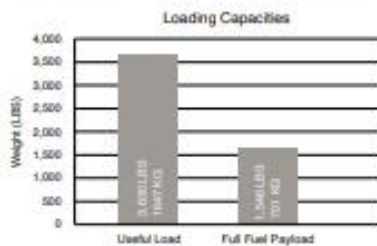
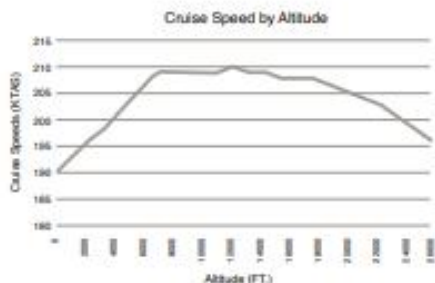
By providing enrollment in the CAMP Engine Health Monitoring (EHM) and Maintenance Tracking (MTX) service programs at no charge, Kodiak empowers you with the tools to control your operational costs and maintain the aircraft's resale value.

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: kodiakcare@daher.com Technical publications available through the Kodiak Aircraft website at www.kodiak.aero

MAINTAIN OPTIMAL PERFORMANCE



SPECIFICATIONS:

THE KODIAK 900 IS A SMART AIRCRAFT DESIGNED AND BUILT IN THE 21ST CENTURY.

The specifications shown below are for Kodiak 900 aircraft. Specifications for previous aircraft may be different.

WEIGHTS & LOADINGS

Max. Ramp Weight	8,100 lbs	3,674 kg
Max. Takeoff Weight	8,000 lbs	3,629 kg
Base Aircraft Empty Weight	4,470 lbs	2,028 kg
Base Aircraft Useful Load	3,630 lbs	1,647 kg
Fuel Capacity	322 gal	1,219 L
Max. Wing Loading	33.3 lbs/ft ²	162.58 kg/m ²
Max. Power Loading	8.89 lbs/hp	4.03 kg/hp

PERFORMANCE

Stall Speed Vs1 (flaps up)	78 kcas
Stall Speed Vs0 (flaps down)	65 kcas
Rate of Climb (max. cont. at SL)	1,724 fpm / 525 mpm
Rate of Climb (10,000 ft)	1,273 fpm / 388 mpm
Takeoff Ground Roll	1,015 ft / 309 m
Landing Ground Roll	1,460 ft / 445 m
Certified Ceiling	25,000 ft / 7,620 m

CRUISE PERFORMANCE	210 ktas	389 kph
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RANGE & ENDURANCE

INCLUDES 45 MIN. RESERVE, ISA		
Max Cruise		
210 ktas, 12,000 ft (3,658 m)	969 nm	1,794 km
Flight Time	4.3 hrs	

Max Range Cruise		
156 ktas, 12,000 ft (3,658 m)	1,129 nm	2,091 km
Flight Time	6.8 hrs	

Max Endurance		
102 ktas, 12,000 ft (3,658m)		
Flight Time	9.2 hrs	

POWERPLANT (Pratt & Whitney PT6A-140A)

Takeoff Power	900 hp
Max Continuous Power	900 hp

Propeller (Constant speed, feathering, reversible)

Diameter	67 in	2.46 m
Tip Clearance	15.4 in	39.11 cm

FUSELAGE

Cabin Width	54 in	1.37 m
Cabin Height	57 in	1.45 m
Cabin Length	227 in	5.76 m
Cargo Volume (exc. cockpit)	309 cu ft	8.75 cu m
Overall Length	37.7 ft	11.4 m
Overall Height	16.1 ft	4.9 m
Seats	1-10	
Doors	3	

Door Sill Height	45 in	1.14 m
Cargo Door (LH side)		
Opening Width	49.25 in	1.25 m
Opening Height	49.25 in	1.25 m

FLIGHT SURFACES

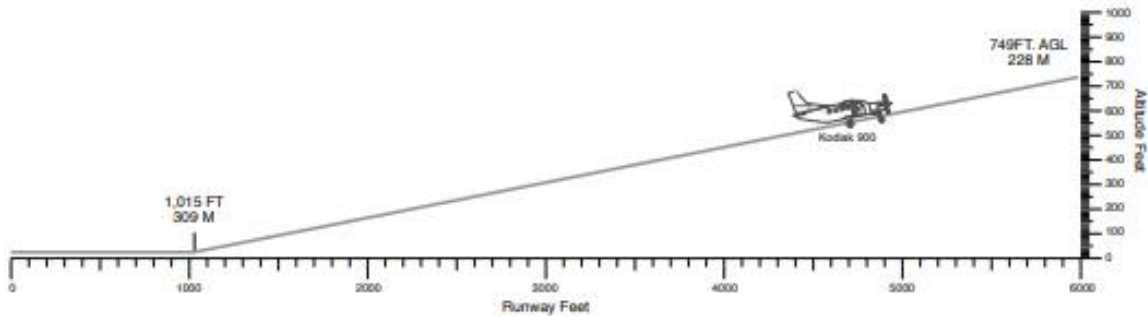
Wing Area	240 ft ²	22.3 m ²
Span	45 ft	13.72 m
Dihedral	3°	
Flap Type	Fowler, single-slotted	
Horizontal Span	20.3 ft	6.19 m
Overall Height	16.1 ft	4.9 m

LANDING GEAR (Fixed, faired leg, wheel fairings)

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, Amendment 63 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.



KODIAK 100 & KODIAK 900
WEIGHTS, PERFORMANCE & SPECS COMPARISON IMPERIAL / (METRIC)



WEIGHTS & LOADING

	K100			K900		
Max Ramp Weight	7,305	lbs	(3,313 kg)	8,100	lbs	(3,674 kg)
Max Takeoff Weight	7,255	lbs	(3,290 kg)	8,000	lbs	(3,629 kg)
Base Aircraft Empty Weight	3,775	lbs	(1,712 kg)	4,470	lbs	(2,028 kg)
Base Aircraft Useful Load	3,530	lbs	(1,601 kg)	3,630	lbs	(1,647 kg)
Fuel Capacity	320	gal	(1,211 l)	322	gal	(1,219 l)
Max Wing Loading	30.2	lbs/ft ²	(147.45 kg/m ²)	33.3	lbs/ft ²	(162.58 kg/m ²)
Max Power Loading	9.67	lbs/hp	(4.39 kg/hp)	8.89	lbs/hp	(4.03 kg/hp)

PERFORMANCE

Stall Speed Vs1 (flaps up)	77	kcas	(143 km/h)	78	kcas	(144 km/h)
Stall Speed Vs0 (flaps down)	60	kcas	(111 km/h)	65	kcas	(120 km/h)
Rate of Climb (Sea Level)	1,340	f/min	(408 m/min)	1,724	f/min	(525 m/min)
Rate of Climb (10,000 ft)	867	f/min	(264 m/min)	1,273	f/min	(388 m/min)
Takeoff Ground Roll	934	ft	(285 m)	1,015	ft	(309 m)
Landing Ground Roll	765	ft	(233 m)	1,460	ft	(445 m)
Certified Ceiling	25,000	ft	(7,620 m)	25,000	ft	(7,620 m)

POWERPLANT

Type:	PT6A-34		P&W PT6A-140A	
Takeoff Power	750	hp	900	hp
Max Continuous Power	700	hp	900	hp

FUSELAGE

Cabin Width	54	in	(1.37 m)	54	in	(1.37 m)
Cabin Height	57	in	(1.45 m)	57	in	(1.45 m)
Cabin Length	190	in	(4.83 m)	227	in	(5.76 m)
Cargo Volume	248	ft ³	(7.02 m ³)	309	ft ³	(8.75 m ³)
Overall Length	33.8	ft	(10.3 m)	37.7	ft	(11.4 m)
Seats	1-10			1-10		
Doors	3			3		
Door Sill Height	38	in	(0.97 m)	45	in	(1.14 m)
Cargo Door Height	49.25	in	(1.25 m)	49.25	in	(1.25 m)
Cargo Door Width	49.25	in	(1.25 m)	49.25	in	(1.25 m)

FLIGHT SURFACES

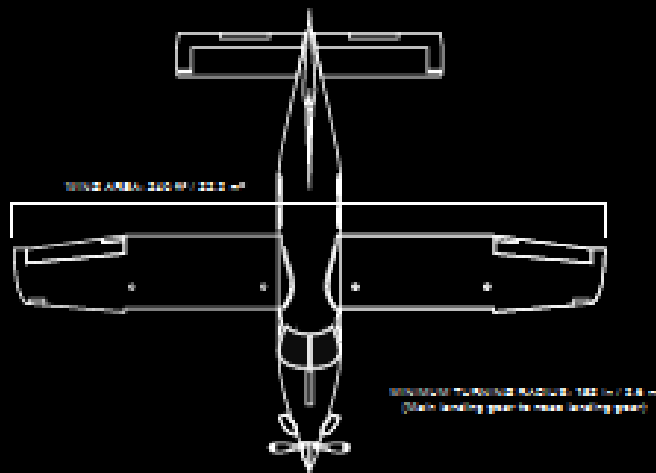
Wing Area	240	ft ²	(22.3 m ²)	240	ft ²	(22.3 m ²)
Span	45	ft	(13.72 m)	45	ft	(13.72 m)
Dihedral	3	°		3	°	
Flap Type	Fowler/Single-slotted			Fowler/Single-slotted/Flap Track Covers		
Horizontal Span	20.3	ft	(6.19 m)	20.3	ft	(6.19 m)
Overall Height	14.7	ft	(4.48 m)	16.1	ft	(4.9 m)

PROPELLER

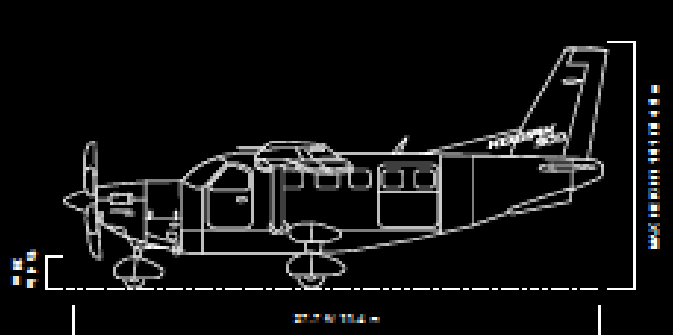
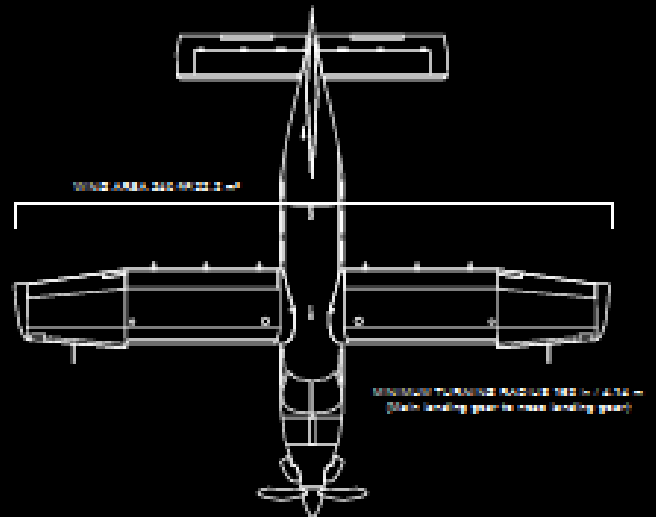
Type	Hartzell, Constant Speed Full Feathering, Reversible, 4-Blade Aluminium			Hartzell, Constant Speed Full Feathering, Reversible, 5-Blade Composite		
Diameter	96	in	(2.44 m)	97	in	(2.46 m)
Clearance	19	in	(48 cm)	15.4	in	(39.11 cm)

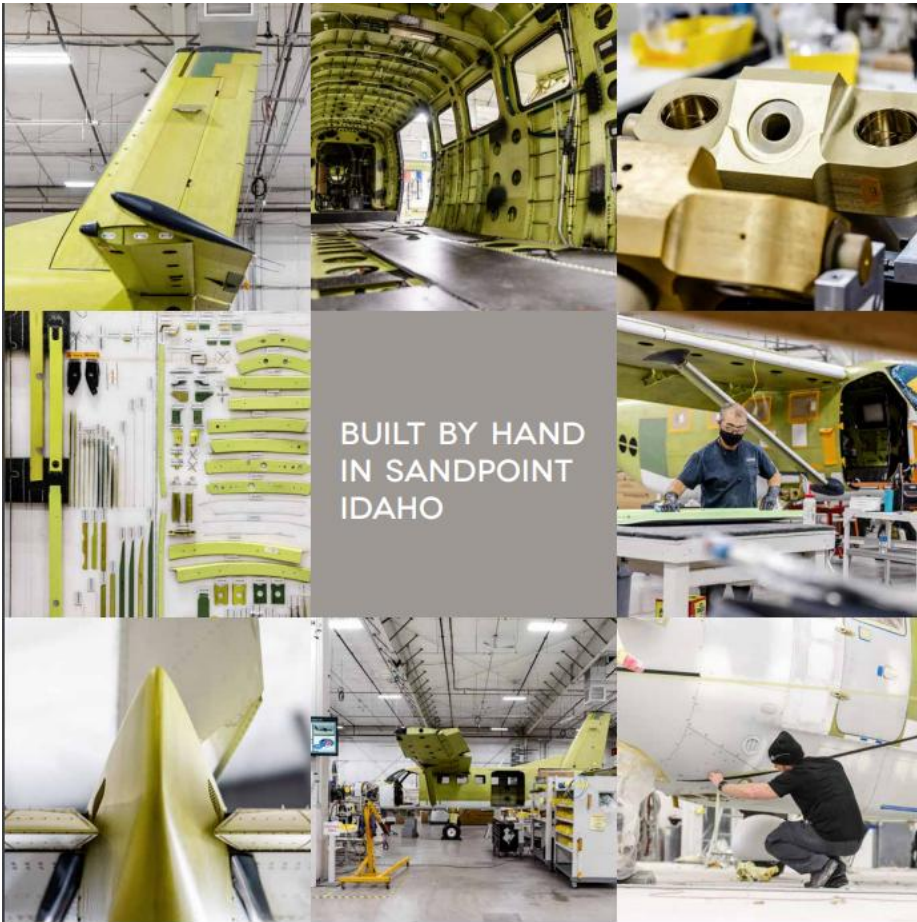
SOURCE: Kodiak K100 & K900 Pilot's Operating Handbook

KODIAK 100



KODIAK 300





KODIAK 900

THE ULTIMATE GETAWAY VEHICLE



DAHER

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