

 DAHER



**KODIAK**  
**100**

# KODIAK 100

## WEIGHTS & LOADING

|                                |           |          |
|--------------------------------|-----------|----------|
| Maximum Takeoff Weight         | 7,255 lbs | 3,290 kg |
| Base Aircraft Empty Weight (*) | 4,132 lbs | 1,874 kg |
| Base Aircraft Useful Load      | 3,123 lbs | 1,417 kg |
| Usable fuel capacity           | 311 gal   | 1,177 L  |

## PERFORMANCE (WITHOUT CARGO POD)

|                                |           |         |
|--------------------------------|-----------|---------|
| Stall Speed Vs0 (flaps down)   | 60 kcas   | 111 kph |
| Rate of Climb (max cont at SL) | 1,340 fpm | 6.8 mps |
| Takeoff Groundroll             | 934 ft    | 285 m   |
| Landing Ground Roll            | 765 ft    | 233 m   |
| Certified Ceiling              | 25,000 ft | 7,620 m |

## RANGE AND ENDURANCE

(INCLUDES 45 MIN RESERVE, ISA)

### Maximum Cruise

|                    |          |          |
|--------------------|----------|----------|
| 174 kts, 12,000 ft | 1,005 nm | 1,861 km |
| Flight Time        | 5.8 hrs  |          |

### Maximum Range Cruise

|                    |          |          |
|--------------------|----------|----------|
| 135 kts, 12,000 ft | 1,132 nm | 2,096 km |
| Flight Time        | 8.4 hrs  |          |

### Maximum Endurance

|                   |         |          |
|-------------------|---------|----------|
| 95 kts, 12,000 ft | 944 nm  | 1,748 km |
| Flight Time       | 9.9 hrs |          |



## CABIN DIMENSIONS

|                   |             |           |
|-------------------|-------------|-----------|
| Cabin Width       | 4 ft 6 in   | 1.37 m    |
| Cabin Height      | 4 ft 9 in   | 1.45 m    |
| Cabin Length      | 15 ft 10 in | 4.83 m    |
| Cargo Volume      | 248 cu ft   | 7.02 cu m |
| Overall Length    | 34 ft 2 in  | 10.3 m    |
| Doors             |             | 3         |
| Door Sill Height  | 38 in       | 0.97 m    |
| Cargo Door Height | 49.25 in    | 1.25 m    |
| Cargo Door Width  | 49.25 in    | 1.25 m    |

## FLIGHT SURFACES

|                 |                     |                |
|-----------------|---------------------|----------------|
| Wing Area       | 240 ft <sup>2</sup> | 22.3 sq m      |
| Dihedral        | 3°                  |                |
| Flap Type       | Fowler              | Single-slotted |
| Horizontal Span | 20 ft 4 in          | 6.21 m         |
| Overall Height  | 14.7 ft             | 4.48 m         |

## 5-BLADE HARTZELL PROPELLER

|                                                     |          |        |
|-----------------------------------------------------|----------|--------|
| Diameter                                            | 96 in    | 2.44 m |
| Clearance                                           | 19 in    | 48 cm  |
| Noise at takeoff                                    | 77 dB(A) |        |
| Ground roll                                         | 879 ft   | 268 m  |
| 13 lb. weight reduction (prop and spinner combined) |          |        |

## LANDING GEAR

(FIXED)

Main Gear 29 x 11 tires, Cleveland brakes  
Nose Gear 22 x 8 tires, Cleveland brakes, air-oleo

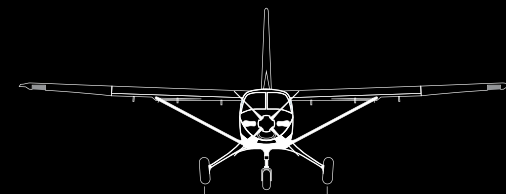
## POWERPLANT

P&WC PT6A-34

|                        |         |         |
|------------------------|---------|---------|
| Maximum Takeoff Power  | 750 hp  |         |
| Maximum Continus Power | 700 hp  |         |
| Fuel Capacity          | 320 gal | 1,211 L |

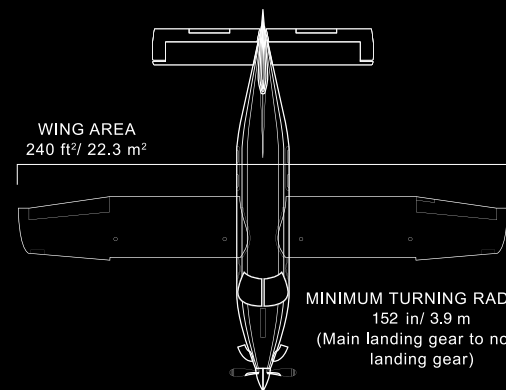
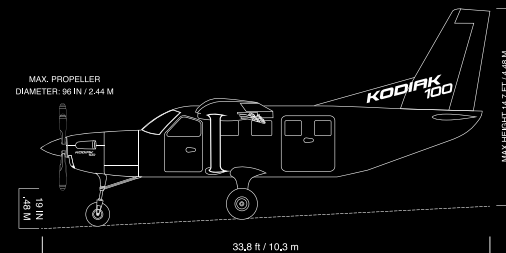
(\*) Configuration dependent

SOURCE: Kodiak 100 Pilot's Operating Handbook



MAIN LANDING GEAR  
TRACK WIDTH: 137 in/ 3.48 m

45.0 ft/13.7 m



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DAHER AIRCRAFT  
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