



Single Point Refueling

By AO Aviation LLC



AO Aviation LLC
1640 S. Airport Rd.
Wichita, KS 67205

316.927.4212
316.927.4211
info@ao-aviation.com



Make Refueling Transparent

Why Single Point Refueling?

- Safe refueling without ladders
- Avoid wing leading edge damage
- Prevent damage to TKS systems
- Refuel time - Empty to Full in < 4 minutes.

Design Features:

- Fastest ergonomic refueling both land and float-configured aircraft
- No aerodynamic impact
- Visibly concealed for zero esthetic detractor
- No operational change to other aircraft systems
- Minimum interior disruption for installation
- Minimized system weight (< 22 lb.)
- No change to the aircraft CG
- Fully indexed parts for maximum installation accuracy in minimum time



AO Aviation's Single Point Refueling System adds priceless safety and unparalleled convenience with no unsightly system interface. The system provides under-the-wing refueling without assistance of ladders or steps, enabling the fastest, safest, and most efficient means for aircraft refueling.

No longer risk your aircraft to damage from ladders and fuel hoses dragging over the leading edge. Avoid thousands in repair of your TKS equipped airplane. Allow world-wide refueling with universal equipment and avoid exposing your airplane to careless positioning of refueling trucks for over-the-wing refueling.

Located in the left-hand wing dry bay, system access is provided through a single aerodynamically clean and esthetically hidden door. There is no ugly refueling receptacle protruding from side of fuselage or float struts, no external fuel system plumbing or manifolds.

System control is accessible without cabin entry. Just securely lock your airplane and instruct line service to refuel without you there.

Eliminate avionics power-up cycles and battery drain to check fuel quantity by utilizing the system's display. Fill each wing simultaneously or independently to your specified level and balance.

Direct point-to-point fuel transfer provides the most efficient refueling system on the market at 90 gallons per minute, making your turn-time the fastest possible.

Maintain current CG with no added weight from unusable fuel remaining in transfer lines below the cabin floor.

Why settle for a system adapted from another airplane?

Purchase the one specifically designed for your Kodiak.

See Kodiak.aero/series-ii-innovations/

Make Refueling Painless & Safe

Safety Features:

- No additional fuel line connections in the aircraft cabin
- Over-pressure relief valves in each tank
- Optical fuel level sensors for full fuel auto-shutoff
- Simple all-weather refueling controls



Specifications:

Fill Rate	90 gpm
System Weight	< 22 lbs.
Auto Balanced Flow	Yes
Independent Wing Fill	Yes
Cabin Access Required	No
External Fuel Qty. Display	Yes
Special Installation Tools	None
External Power	None
Cold Weather Operation	Yes
Certifications	USA
	Canada
	Indonesia
	EASA

Installation:

- Installation by the mechanic or service facility of your choice
- No special tools or equipment
- Approx. 80 hrs. installation time

Call **316.927.4212**

