



Keplair Evolution



KIOS

THE INNOVATIVE DELIVERY SYSTEM FOR LAT & VLAT



Designed with *NASC*

Control – Simplicity – Performance

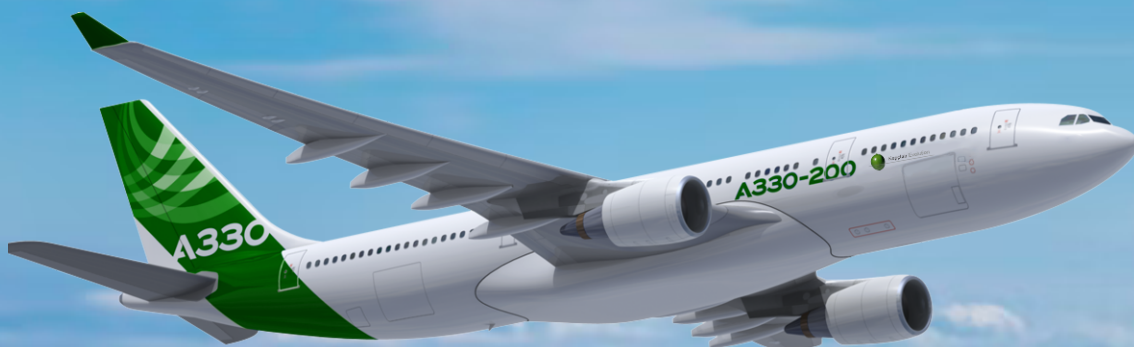




A FULLY AUTOMATIC SYSTEM

90% Efficiency

Adapted to many aircrafts and helicopters



**BOEING B777 – B747 – B737
AIRBUS A330-200
AS332 SUPER PUMA**



- KIOS is a **gravity** delivery system **assisted** by low level pressurization
- KIOS delivers both a **constant flow rate and a constant fluid exit velocity**. It ensures a regular and uniform deposit on the ground.
- KIOS **reduces the dispersion** compared to highpressurized system and increases the density of the drop pattern coverage.
- KIOS can reach coverage **levels up to 8GPC**.
- KIOS **improves the regularity** of the drop pattern.
- KIOS **avoids the gas-fluid mixing** at the end of discharge.
- KIOS **limits the structural modification** on the plane.
- KIOS **optimizes the weight & balance** of the aircraft.
- KIOS is a **modular system** compatible with multirole aircraft.
- KIOS **dampens the effects of the load factor** variation during the drop.



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