

SKY-X 



 **AleniaAeronautica**
A Finmeccanica Company

The Sky-X UCAV Technology Demonstrator had its first flight on May 2005. Since then about thirty experimental flights were carried out confirming operational performances in its full flight envelope and also demonstrating some key UAS functionalities, like: Automatic Take Off and Landing, Synthetic Vision in support of bad visibility and emergency operation, Automatic Join Up with other aircraft and in-flight mission replanning. Future demonstrations will be aimed to even more advanced enabling functionalities, like: collision avoidance, autonomous landing, tailless configuration controls.

Dimensions

Length 7.8 m
Span 5.8 m

Weights

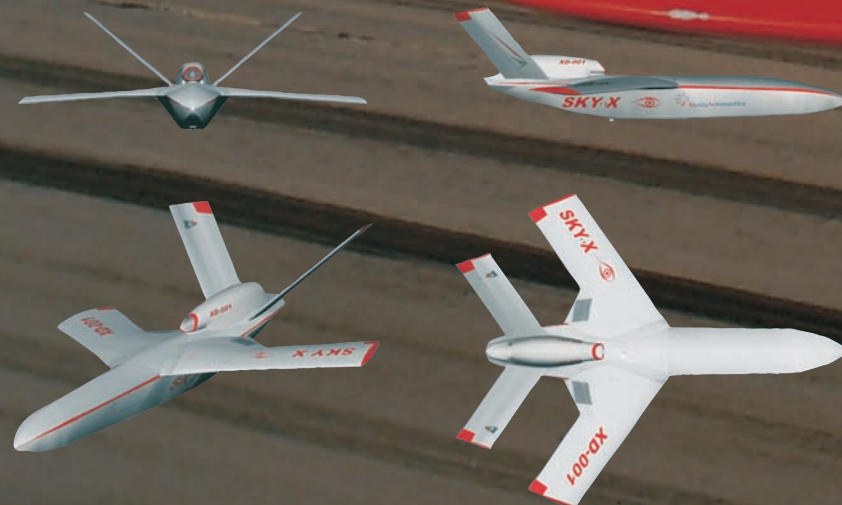
MTOW 1450 kg
OEW 1000 kg
Fuel 200÷300 kg
Payload 150÷200 kg

Performance

Cruise speed 260 Kts
Max speed › 350 KCas
Ceiling › 30 Kft

New Functionalities

Automatic Take-off & Landing
Synthetic/IR Vision



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