



# FLY-R

AERO COMPOSITES INNOVATIONS



## CRYSTAL CR-1200

Hybrid rhomboidal aircraft for cargo and passenger transport

Short to medium range  
Hybrid motorization  
Reduced carbon foot print

Reduced operating cost  
Reduced wingspan  
High safety level

Optimized cabin  
space and confort



350 km/h



3 hours  
(Hybrid)



< 400 m



800 kg

[www.flyr-uas.com](http://www.flyr-uas.com)

# CR-1200

CRYSTAL CR-1200 is a hybrid aircraft based on the unique rhomboidal wing configuration with the advantages of aerodynamic efficiency, reduction in size of wingspan and structural strength.

The rhomboidal wing is a breakthrough technology in aeronautics.



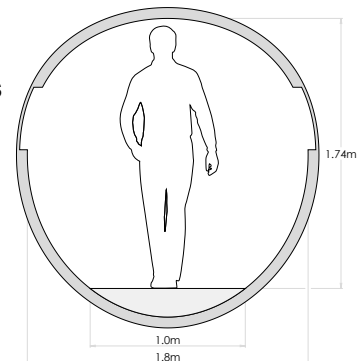
## FLY-R VISION OF ADVANCED AIR MOBILITY



### Technical specifications

Dimensions (W x H x L)	12,4 x 3 x 12,3 m
MTOW	3500 kg
Max payload (at max fuel 200kg)	800 kg
Power plant	2 electrical motors with battery pack and onboard generator
Stall speed	< 100 km/h
VNE	> 500 km/h
Take off/ landing	< 400 m
Cruise speed	350 km/h
Operating range (at cruise speed)	> 1000 km
Endurance	> 3 hours at maximum load
Ceiling	5000 m

- Take-off and landing in full electrical "silent" mode up to minimum 20 meters above ground
- Cargo may be traded for fuel. If payload down to 400kg (1 pilot and 4 passengers VIP version), range increases to over 3500 km or a return trip of over 1600 km without refueling



### Configurations

2 pilots with 8 passengers / 1 pilot with 9 passengers / 1 pilot + 4 passengers for VIP (short to medium haul) / Medivac configuration with one pilot, one patient and medical personal / Cargo transport / Possibility of take-off and landing on semi-prepared runways

FLY-R SAS - 7bis rue Henri Cornu - Pôle Aéronautique de Cambaie - 97460 Saint-Paul - Reunion Island - FRANCE  
Phone: +262 (0)2 62 57 18 24 - Email: [contact@flyr-uas.com](mailto:contact@flyr-uas.com)

[www.flyr-uas.com](http://www.flyr-uas.com)