

Micky Liao

Mobile phone:
+886-938771311

ABO Group Technology Co., Ltd.

No. 5, Lane 316, Section 2, Zhonghua South Road,
Puding Village, Xinwu District, Taoyuan City 32749,
Taiwan (R.O.C.)

TEL: +886-3-3175575

Skype: ab570421 WeChat ID: mickyliao0316

Website: <https://abogroup.wordpress.com/>

Twitter: @MickyLiao316

Linkedin: www.linkedin.com/in/micky-liao-953232176

Email: abo.group @msa.hinet.net





Products introduction

for Airdone

Air done series

drone

Introduction to Drones

Product catalog download



Sky Arrow Series



ALPAS series



ALIAS series



Pterosaur Series



unmanned aerial system



- ⚙ flight control system
- ⚙ Ground Guidance and Control System
- ⚙ mission payload equipment

Smart Connected Products



robot

M01-intelligent handling



C01-Service robot



Smart Mobile
Disinfection Robot



AGV/iAMR

Task Management and Data Intelligence



GeoCCP cloud
computing platform

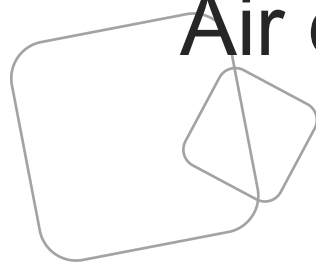


GeoSSP Smart Service
Platform

space data collection

720° aerial panorama production
service

Air done



Sky Arrow Fixed Wing Series-Sky Arrow

Basic Design Configuration

Aircraft Type Selection

Pushback engine propeller models

main wing configuration

3/4 High Wing Design Rectangular Wing Design

tail configuration

twin vertical fins

Type of landing gear

front three points

engine type

Rear-mounted/two-stroke single-engine/air-cooled design (modular design)

aircraft body

Detachable body structure of wing and main fuselage | Integrated composite material structure

Air done

ALPAS series

@Automatic height setting system

Below 10 meters, use millimeter-wave radar to determine altitude;

above 10 meters, use barometer to determine altitude

@maximum take-off weight

twenty four .15 kg

(Warning: Do not load more than 10KG)

@Empty weight

14 .15 kg

(including battery and medicine box, excluding liquid medicine)

@operating temperature

- 20 °c ~ + °c 0 60

@Maximum wind resistance

10 m/s

(Beaufort Scale 5)

@power input voltage

45 ~ (12S Li-Po 52)

@capacity

(do not load more than 10L liquid level limit height)



Air done

Hexacopter

operational ability

Operating distance

2km

operating time

20 minutes

operating altitude

500m

flight speed

Vertical climb speed: 2-2.7m/s, horizontal flight speed: 6-8m/s

Wind resistance

Beaufort wind scale 4 ($\leq 8\text{m/s}$)

automatic flight

GPS navigation point automatic flight, out of control return,
one-key return, around a specific point mode

sensing device

GPS, IMU

Total Weight

5.5kg



Pterosaur series

@power source

Lithium batteryLi-Po Battery

@Wingspan

1 4 meters _

@maximum take-off weight

2 2 kg _

@battery life

60 ~ 70 minutes

@flight speed

45 ~ 55 km/h

(wind resistance level 4-5)

@take off mode

Hand throw takeoff/catapult takeoff

@Landing method

parachute / taxi

@Communication distance

3 kilometers

@payload camera

2400 million pixel digital camera

Infrared thermal imager

Multispectral instrument

Air done





~The END~