

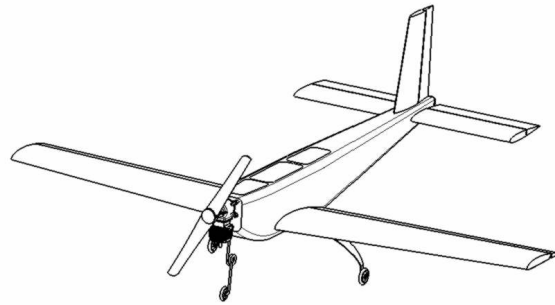
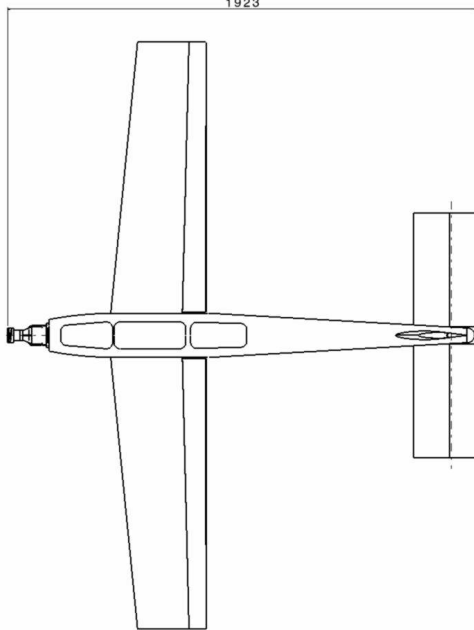
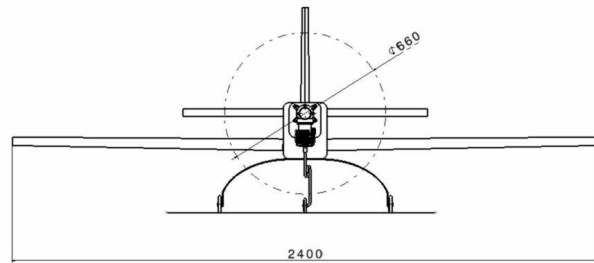
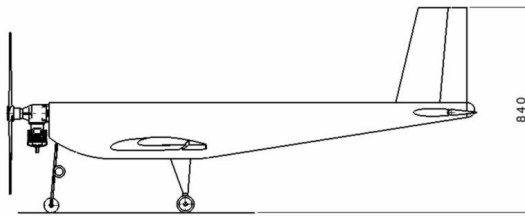
# LOWCATS

LOW COST AERIAL TARGET SYSTEM



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AIRCRAFT CHARACTERISTICS	
<b>DIMENSIONS</b>	
Length	1923 mm
Height	840 mm
Wing span	2400 mm
Gauge	700 mm
Floor to ground dist.	220 mm
<b>WEIGHTS</b>	
Maximum take off weight	24 kg
Payload weight	5 kg
<b>PERFORMANCE</b>	
Maximum speed	38.8 m/s (140 km/h)
Stall speed	11 m/s (40 km/h)
Climbing speed	7 m/s
Take off distance	20 m
Landing distance	30 m
Service ceiling	4000 m
Endurance	2 h



## STANDARD SYSTEM

SYSTEM			
Item	Number	Details	Options
Aircraft	3	ARGUS T type equipped with textile towed target	
Container	3	Waterproof, shockproof container for each aircraft	
Radio control system	1	Powerful and precise 14 MHz system	✓ Option 1
SUPPORT			
Item	Number	Details	Options
Necessary tools	3 sets		
System manuals	1 set	1 system manual 3 aircraft maintenance manuals	
Additional			✓ Option 2 ✓ Option 3 ✓ Option 4 ✓ Option 5 ✓ Option 6

### ✓ Option 1 - Emission Improvement

Replacement of the radio control system's antenna with a **Long Distance Emitting System** consisting in:

- power amplifier
- antenna
- container
- system manual

The system will allow flying at the distances up to 6 km from the emitting antenna.

### ✓ Option 2 - Thermal Enhancement Unit (\*)

**Thermal Enhancement Unit** enables both ground to air, air to air weapons and thermal tracking systems to be tested against free flying and towed aerial targets where a heat signature of a known value is required.

### ✓ Option 3 - Pilot Training Program

The **Pilot Training Program** consists in one-week theoretical courses and practical flight exercises in order to achieve the operational level for the LOWCATS system pilots.

### ✓ Option 4 - Autopilot System

The installation of an **Autopilot System** will provide more accuracy in navigation, complex mission development, good trajectory repeatability and less pilot effort in managing the system.

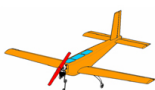
### ✓ Option 5 - Custom Painting

Custom color schemes with corporate logos available by quote

### ✓ Option 6 - Catapult Launcher (\*)

The **Catapult Launcher** permits to the aircraft to be launched from ship decks, very small designed land areas, vehicles and boats.

(\*) - Under development





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