



**BINA- Hand Launch UAV**

Wing Span(m)	2
Length(m)	1.65
Max Take/off Weight(kg)	5.3
Operating Range (km)	10
Endurance(hours)	1
Operating Ceiling (ft)	9.000
Max Speed (km/h)	75



**AEROSTAT SYSTEM (balloon)**



**AK 50**

Payload (Kg)	50
Power (W)	500
Altitude (m)	500
Flight duration (days)	6
Deployment time (hours)	2
Wing speed (Km/h) operational	65
Wing speed (Km/h) survival	75

**AK 100**

Payload (Kg)	100
Power (W)	1000
Altitude (m)	500

**AK 30**

Payload (Kg)	30
Power (W)	500
Altitude (m)	500

**Design and manufacture of aero engines industries (samt)**

**DESCRIPTION**

Design and manufacture of aero engines industries produce a wide range of Engines, components and fasteners. Design and manufacturing of aviation fasteners require specific conditions of international: AMS, NAS, ASTM, and MIL

- Ability of material in resisting on manufacturing processes such as: Forge, Rolling, and Heat treating and...
- Execution of various processes of Hardening , coating.
- Execution of various tests to assure specialization of manufactured Parts.
- Tensile tests
- Shear test.
- Stress rupture
- SCREW CSK FLAT AND PAN HEAD (TORQUE SET, PHILLIPS RECESS) .
- SCREW, MACHINING ROUND HEAD
- RIVET, SOLID UNIVERSAL AND FLUSH HEAD
- SCREW, FLAT FILLISTER HEAD RIVET, SOLID FLUSH HEAD
- EXTENDED WASHER
- NUT, SELF LOCKING AND PLAIN HEAD
- BOLT, HEX HEAD
- STUD, PLAIN NS
- HI-LOCK PIN

