



## StormAgri 915



- **FUNCTION:**

Professional agricultural fumigation using liquids.

- **FEATURES:**

The Storm AGRI is a professional aircraft designed for agricultural air spraying. It can spray low and ultra low volumes of liquid. It can also be used as a two-seat side by side aircraft with dual controls. The spraying boom has an 9 meter range, with a 19 meter spray pass, plus overlap. The cruise speed (over 280 km/h without spraying system installed) and autonomy (over 4 hours) to allow travel over 800/1000 km using gasoline-powered cars. The boom can be folded quickly and easily, the wings can be removed in a short time and the plane can also be transported by trailer. The STORM AGRI is equipped with a ULV tank capacity of 250 liters.

**STANDARD EQUIPMENT:**

- Anti corrosion Aluminum frame.
- Strong landing gear.
- Specialty Air Hawk Tire .
- Centrifugally cast Wheels with internal Hydraulic caliper
- 3 blades Propeller Ground adjustable carbon fiber with nickel cadmium leading edges protection.
- Flaps actuator with led indicator.
- Hydraulic wheel brakes with parking.
- Electric elevator trim with led indicator.
- Flaps actuator with led indicator.
- Engine: Rotax 915 IS/iSc 141 Hp
- 100 liters Wing fuel tank (Option 160 Lt tanks) with 2 level indicators.
- High strong quality seat covers.
- 250 liters ULV product tank Rf. Engine power.
- Complete system Micronair for liquid crop spray with boom of 9 mt
- Pressure regulator valve on cockpit Micronair
- Emergency actuator valve for spray product.

### INSTRUMENTS:

- Airspeed Indicator
- Vertical Speed indicator.
- Altimeter.
- Compass.
- Engine tachometer.
- 2 Cylinder head temperature.
- Oil temperature.
- Oil pressure.
- Fuel pressure
- 2 Fuel level indicator
- Hour meter.
- InterCom VHF
- Transponder
- Flaps indicator position
- Elevator Trim indicator
- Power plug 12v
- Micronair Spraying system pressure gauge.
- GPS Farm Navigator.



### OPTIONS:

Glass Cockpit: 2 Screen 10" Call

For Autopilot 2 Axis : Add \$.12.760,00

For Aircraft Recover Parachute: Add \$. 14.800,00

### DIMENSIONS AND WEIGHTS

- Wing Span ----- 9,20mt.
- Length ----- 7,15mt.
- Height ----- 2,25mt.
- Cabin Width ----- 1,1mt.
- Boom width -----9 mt.
- Max. Take ----- 850Kg.
- Empty Weight----- 390Kg.
- Carrying----- 460Kg.



### FEATURES (Standard conditions)

- Spraying speed ----- 160 /180 Km/h
- VNE (boom deployed) ----- 220 km/h
- VNE Without Sprying System --- 320 km/h
- Vs ----- 65 Km/h
- Rate of climb (750Kg) ----- 900F/min.

- Take off run ----- 220 mt.
- Landing run ----- 180 mt
- Consumption when spraying ----- 32 – 38 lt//h.
- Flight endurance ----- 3 H Standard Tanks - 4.30 H Long range tanks
- Service ceiling : ----- 23000 feet

**BENEFITS OF THE AGRICULTURAL AIRCRAFT STORM AGRI**

- Auto - Electric spraying system allows measuring without starting the engine
- “Surgical” cut at the end of the row (no trail)
- Low vortexes and disturbance
- Electric diaphragm pumps with a nominal pressure MicronAir
- Cabin system pressure control valve
- 19 meter swath pass with overlap
- Range: 3 Hectares per minute

**COST OF OPERATION:**

Aircraft depreciation at 5000 hr -----	\$ . 36.40 per hour
Engine & Prop replace at 1200 h -----	\$ . 35.80 per hour
Aircraft maintenance -----	\$ . 5.40 per hour
Fuel (at 1.10 \$. per liter) -----	\$ . 41.80 per hour

**Cost total per hour of flight ----- \$ . 119.40**

**Price ex Factory: 172. K.\$**

**Aircraft STORM Agri Always at your service**

Realize the highest success at lowest costs when flying with one of the safest aircrafts on the market. STORM Agri adaptable, agile, nearly every situation; a medical assignment, Called in the duty of a shark, pipe and power lining, border control, agricultural crop spraying or military missions..etc.



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