Introducing the Skyworks ScoutHawk Gyroplane
A revolutionary new, optionally manned, VTOL, gyronautics aircraft. Designed to provide a heavier useful load, longer range and higher speeds, this platform can support a host of varied mission sets. Based on the fundamentals of gyronautics, the science of sustained autorotative flight, the ScoutHawk offers unparalleled safety, simplicity and sustainability.
ScoutHawk
The next evolution in manned, unmanned & optionally manned flight
ScoutHawk

**SPECS**

**Weight/Fuel Capacity**
- Max gross take-off weight: 2204 lbs
- Empty weight: 770 lbs
- Useul load: 920 lbs
- Max fuel capacity: 60 US gal.

**Engine**
- Manufacturer: Rotax or Limbaugh
- Model: I914UL or L2400 DT
- Power: 115 HP or 210 HP

**Rotor System**
- Lift: Two-bladed semi-rigid rotor system
- Rotor diameter: 32 ft.

**Speed**
- Design max cruise speed at MCP: 96 knots
- Best range: 65 knots
- Max speed: 120 knots

**Range**
- Normal fuel capacity: 330 nm
- Max fuel capacity: 510 nm
- MCP: 240 nm

**Endurance**
- Normal fuel capacity: 5.2 hrs
- Max fuel capacity: 7.9 hrs
**Broad mission applications**

- MILITARY
- BORDER PATROL
- AIRBORNE LAW ENFORCEMENT
- SEARCH & RESCUE, EMERGENCY AID
- POWERLINE AND PIPELINE PATROL
- URBAN MOBILITY
- CARGO TRANSPORT
- RECONNAISSANCE
- SHORE-TO-SHIP RESUPPLY
- AGRICULTURE AERIAL APPLICATION

**Advantages Over Helicopters**

- No transmission, gearboxes, etc., so far more reliable
- Significantly fewer parts, so far less maintenance
- Sustained autorotative flight = SAFETY!
- Superior empty weight fraction = greater payload
- “Hand’s off stable” for a more pleasant flying experience!
Contact Information

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