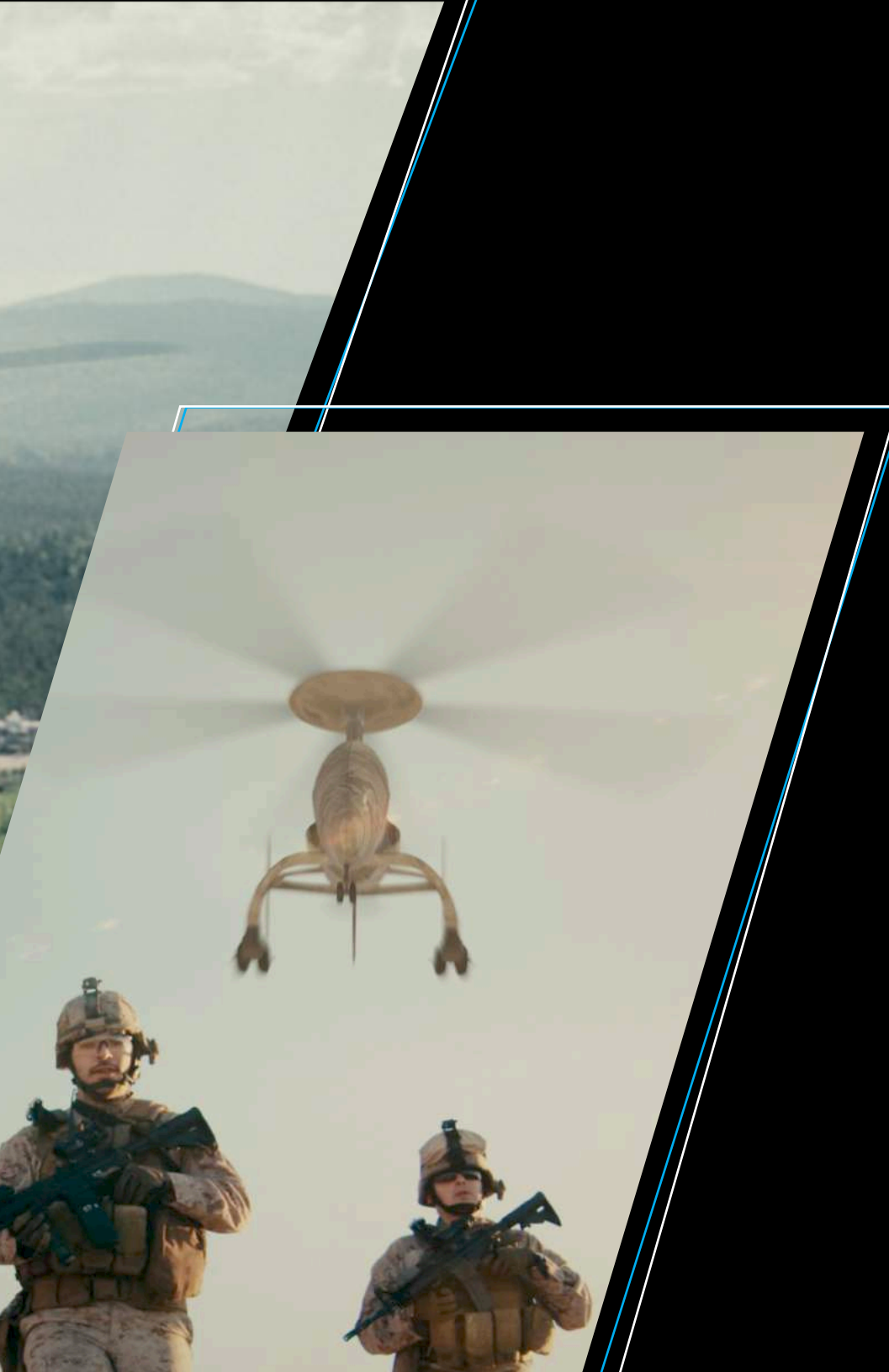




The ScoutHawk





Introducing the SkyworksScoutHawk 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
Useful 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.

Optionally Manned

Vertical Take-off & Landing Capability

Tandem Two Seat

Unmatched Safety and Reliability

SKYWORKS

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



URBAN MOBILITY



BORDER PATROL



CARGO TRANSPORT



AIRBORNE LAW ENFORCEMENT



RECONNAISSANCE



SEARCH & RESCUE, EMERGENCY AID



SHORE-TO-SHIP RESUPPLY



POWERLINE AND PIPELINE PATROL



AGRICULTURE AERIAL APPLICATION

and more

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!

Learn More



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Simple. Safe. Sustainable.

