

Attachment 1: Aircraft, Control and Communications Systems

Reference: FAA AIR-160 UAPO Guidance Document 08-01

Great Planes Siren

INL uses several types of light, under 55 lb, fixed wing and rotary airframes with a variety of 1 to 5 horse power electric, glow fuel, and gasoline piston engines. One RC class rotary wing UA is the Miniature Aircraft Xcell Razor , Photo 1.

- Glo-fuel
- 2 H.P.
- 5' diameter rotor
- RC controlled
- 20 lb.
- 10 kts



Photo 1: Xcell class UA

This kit is developed my Minature Aircraft USA:

[http://www.miniatureaircraftusa.com/helicopterkits/1026 Stratus/1026 kit details.asp](http://www.miniatureaircraftusa.com/helicopterkits/1026%20Stratus/1026%20kit%20details.asp)

Flight Control Systems and Ground Stations

UA is remotely controlled using common RC type controllers.