CLAIMS

What is claimed is:

1. A flight control apparatus for a fixed-wing aircraft, comprising:

a first port wing and a first starboard wing;

a first port swash plate coupled between a first port rotor and a first port electric motor, the first port electric motor coupled to the first port wing;

a first starboard swash plate coupled between a first starboard rotor and a first starboard electric motor, the first starboard electric motor coupled to the first starboard wing;

a second port wing and second starboard wing;

a second port swash plate coupled between a second port rotor and second port electric motor, the second port electric motor coupled to the second port wing;

a second starboard swash plate coupled between a second starboard rotor and second starboard electric motor, the second starboard electric motor coupled to the second starboard wing; and

a horizontal stabilizer coupled to a fuselage and an elevator rotatably coupled to the horizontal stabilizer, the fuselage coupled between the first port wing and second starboard wing;

wherein first starboard and first port rotor pitch, yaw and roll moments are accomplished without the benefit of control surfaces on a wing.

2. The apparatus of claim 1, further comprising:

a port aileron rotatably disposed on a trailing edge of the first port wing; and

a starboard aileron rotatably disposed on a trailing edge of the first starboard wing.

3. The apparatus of claim 1, further comprising:

first and second landing gear attached to the first port wing and first starboard wing, respectively.

4. The apparatus of claim 3, further comprising:

a third landing gear attached to the horizontal stabilizer.