

## **EXHIBIT #1.**

The Morphing Aircraft Structures program is a 30-month effort that will create and mature designs required for a seamless, aerodynamically efficient vehicle capable of radical shape changes in-flight. Lockheed Martin Aeronautics Company will enable those radical shape changes via the integration of smart materials into the vehicle. Planned demonstrations include test of half-scale subcomponents, a half-scale integrated bench top demo, a half-scale wind tunnel model, and a quarter scale flying vehicle.

Government agency is DARPA/DSO

The contract number is F33615-02-C-3258

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## **EXHIBIT #2.**

(a) The Morphing Aircraft Structures program is a 30-month effort that will create and mature designs required for a seamless, aerodynamically efficient vehicle capable of radical shape changes in-flight. Lockheed Martin Aeronautics Company will enable those radical shape changes via the integration of smart materials into the vehicle. Planned demonstrations include test of half-scale subcomponents, a half-scale integrated bench top demo, a half-scale wind tunnel model, and a quarter scale flying vehicle.

(b) The quarter scale flying vehicle requires the capability to transmit data and video from the vehicle to the ground station. A new dedicated 4.4 GHz transmitter must be installed in the vehicle to enable this capability.

(c) Lockheed Martin Aeronautics in Ft. Worth has no 4.4 GHz transmit capability licensed at present.