



**MINI-VANGUARD  
ACCEPTED BY FMV, SWEDEN**

SAN ANTONIO, TEXAS, USA

Mr Jan Aspenstam and LtCol Pär Ake Anderkrans, executives of the Swedish government's FMV (Defence Materiel Administration) have today accepted one (1) Mini-Vanguard Close Range UA system from Mission Technologies, Inc. (Mi-Tex) for extended trials in the Baltic region. The procurement is in support of RTSA (Reconnaissance, Surveillance, Target Acquisition) for the Swedish Amphibious Brigades.

The CR UAV system, known as the Mini-Vanguard, is an UAV capable of taking off in short distances from unprepared fields and has a flight endurance of two hours. The Mini-Vanguard aerial vehicle is a twin-wing configuration with a single 14 HP engine. The payload employed is a DOG3 camera with video capability. The system supplied includes two aerial vehicles, a ground control station, avionics systems, and a dual communications link capability.



The avionics, DOG3 camera, the ground control station and the communication links were supplied by Wireless Avionics of Tel Aviv, Israel.

The initial test trials were completed in Sweden in 1997. Mi-Tex will contribute to the training of operators at the Vidsel Range in northern Sweden.

| <b>Technical Data</b> |              | <b>Performance</b> |           | <b>Features</b>              |               |
|-----------------------|--------------|--------------------|-----------|------------------------------|---------------|
| Empty Weight          | 86 lbs       | Max. Altitude      | 3.000 ft  | Wheeled Take-Off & Recovery  |               |
| Max. Payload          | 20 lbs       | Max. Speed         | 110 mph   | Parachute Emergency Recovery |               |
| Fuselage Length       | 80 inches    | Cruise Speed       | 65 mph    | Camera                       | CCD           |
| Fuselage Width        | 9 inches     | Loiter Speed       | 55 mph    | Data Link                    | 400-405 MHz   |
| Wingspan              | 85 inches    | Stall Speed        | 50 mph    | Dual Redundant Data Links    |               |
| Wing area             | 1,500 sq.in. | Endurance          | 2.5 hours | Control                      | Manual & Auto |
| Engine                | 17 HP        | Radius of action   | 50 km     |                              |               |
|                       | gasoline     |                    |           |                              |               |
|                       | piston       |                    |           |                              |               |
|                       | air cooled   |                    |           |                              |               |
| Propeller             | 3-blade      |                    |           |                              |               |
|                       | 28 inch      |                    |           |                              |               |
| Navigation            | GPS          |                    |           |                              |               |
|                       | Waypoint     |                    |           |                              |               |

For more information contact: Tom Turner  
Mission Technologies, Inc.  
Tel.: 1-210-677.06.02  
Fax: 1-210-677.06.85