

ITEM 11 - CATEGORY II

Avionics equipment specially designed or modified for use in unmanned air vehicles or rocket systems and specially designed software and components therefor usable in the systems in Item 1, including but not limited to:

- (a) Radar and laser radar systems, including altimeters;
- (b) Passive sensors for determining bearing to specific electromagnetic sources (direction finding equipment) or terrain characteristics;
- (c) Equipment specially designed for real-time integration, processing, and use of navigation information derived from an external source;
- (d) Electronic assemblies and components specially designed for military use incorporating any of the following:
 - (1) Specially designed, integral structural supports;
 - (2) Techniques for conductive heat removal;
 - (3) Radiation hardening;
 - (4) Design for reliable short term operation at temperatures in excess of 125°C;
- (e) Design technology for protection of avionic and electrical subsystems against electromagnetic pulse (EMP) and electromagnetic interference (EMI) hazards from external sources, as follows:
 - (1) Technology for design of shielding systems;
 - (2) Technology for the configuration design of hardened electrical circuits and subsystems;
 - (3) Determination of hardening criteria for the above.

Notes to Item 11:

- (1) Item 11 equipment may be exported as part of a manned aircraft or satellite or in quantities appropriate for replacement parts for manned aircraft.
- (2) Examples of equipment included in this item:
 - Terrain contour mapping equipment;
 - Scene mapping and correlation (both digital and analog) equipment;
 - Doppler navigation radar equipment;
 - Passive interferometer equipment;
 - Imaging sensor equipment (both active and passive).

ITEM 12 - CATEGORY II

Launch and ground support equipment and facilities usable for the systems in Item 1, as follows:

- (a) Apparatus and devices specially designed or modified for the handling, control, activation and launching of the systems in Item 1;