



DEPARTMENT OF THE AIR FORCE  
30TH SPACE WING (AFSPC)

MEMORANDUM FOR GROUND-BASED MIDCOURSE DEFENSE GBI BOEING  
ATTENTION: MR. MIKE LEWER

17 DEC 2007

FROM: 30 SW/SEAL  
806 13<sup>th</sup> Street, Suite 3  
Vandenberg AFB CA 93437-5230

SUBJECT: Ordnance Meter Approval for GMD GBI program at Vandenberg AFB

1. We have assessed the AMPTECH 601ES, AMPTECH 630ES, and DuPont Blaster's 101 ordnance meters for use with processing and operations for the Orbital Boost Vehicle (OBV)/Exoatmospheric Kill Vehicle (EKV) and support equipment. Our assessment consisted of reviewing documentation supplied by Boeing Safety IAW the 30 SW/SEAL Ordnance Test Equipment Data Checklist, including the manufacturer's meter operation, safety features, specification, and certification data. Support documentation, including copy of this letter, will be located/stored in the 30 SW/SEAL GSSA database as record number 24552. Based on our review, the meters meet the EWR 127-1 Range Safety requirements and are approved for use. The meters will be entered into the Ordnance/RF Test Equipment Listing for approved use on the GMD/GBI program, as follows:

- a. AMPTECH 601ES: Stray Voltage/Energy and Bridgewire/Igniter circuit/EED circuit Checks/Testing.
  - b. AMPTECH 630ES: Bridgewire/Igniter circuit/EED circuit Checks/Testing Only.
  - c. DuPont Blaster's 101: Stray Voltage/Energy Checks/Testing Only.
2. If you have any questions, please contact Mr. Mitch Drewes at (805) 605-7245.

  
JOHN J. ERICKSON, DAFC  
Chief of Launch Vehicle Safety

cc:  
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