



RAS 5531

72-22-1SFS1-STATE Exhibit 63. Rec'd 4/12/02

DEPARTMENT OF THE AIR FORCE
96TH COMMUNICATIONS SQUADRON (AFMC)
EGLIN AIR FORCE BASE, FLORIDA

18 January 2001

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OFFICE OF THE SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

96 CS/SCSSIF
207 W. D Ave, Suite 214
Eglin AFB FL 32542-6852

Ms. Connie S. Nakahara
Department of Environmental Quality
Office of the Executive Director
168 North 1950 West
PO Box 144810
Salt Lake City UT 84411-4810

Dear Ms. Nakahara

This is in response to your 14 September 2000 Freedom of Information Act request, for the damage effect of weapons routinely carried by military aircraft on the Utah Test and Training Range, addressed to Hill Air Force Base, Utah, received on 19 December 2000, our case 01-062.

A search was conducted on your behalf by Mr. Daniel McInnis, Chief, Modeling Simulation and Analysis Division Engineering Directorate, Eglin AFB, Air Armament Center. Mr. McInnis, advises that the information requested is not releasable in its present form due to classifications issues. However, we are providing a brief and non-specific list of information that is responsive to your request.

An analysis was performed using the PV-Effects model. The PC-Effects model is from the Joint Technical Coordinating Group for Munitions Effectiveness (JTCEG-ME) approved JMEM Air-to-surface Weapon Engineering System (JAWS). Only weapon penetration was considered no analysis was done on damage or breach, which would require an engineering-level study. The results of penetration analysis is as follows:

State's
Exhibit 63

Template - Secy-028

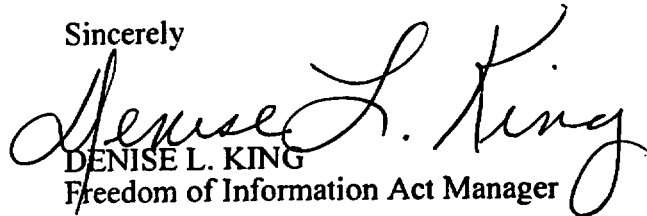
Secy-02

No listed weapon would penetrate the lid of the structure.

The GBU-24 A/B and the GBU-10 with the BLU-109 warhead can penetrate the outside wall. The MK-84 warhead has a maximum of a 0-50 probability of penetrating the wall whether configured as a GBU-10, GBU-24 or a free-fall unguided MK-84. None of the other weapons can penetrate the wall.

The fee for processing your request is below the established fee wavier threshold; therefore, all fees are waived.

Sincerely


DENISE L. KING
Freedom of Information Act Manager

Attachment:
Request Ltr, 15 Mar 00

JOINT REGULATORY COMMISSION

Account No. _____ CHARGE No. 63
In the name of PFS
Draft _____ DEPOSITED ☒
Applicant _____ RECEIVED ☒
Interferer ☒ REMOVED _____
Other _____ WITHDRAWN _____
DATE 4/12/02 Witness _____
Clerk per