

ILLEGIB

Approved For Release 2001/03/03 : CIA-RDP78T05439A000300210018-0

Approved For Release 2001/03/03 : CIA-RDP78T05439A000300210018-0

~~SECRET~~

C 945-63

M/EB 74/64
6 February 1964
Copy 8

25X1A

MEMORANDUM FOR: Chief, Defensive Systems Division, OSI

ATTENTION: [REDACTED]

THROUGH: Chief, Requirements Branch, Reconnaissance Group, COS

FROM: Chief, CIA/FID (EPIC)

SUBJECT: Analysis of Cruise Missile Employed Aboard OSA and KOMAR Patrol Boats

REFERENCE: (a) Requirement C-SI-3-80,340
(b) CIA/FID Project C 945-63

1. This memorandum is in response to your requirement dated 2 July 1963 requesting detailed three-view drawing with dimensions, of the missile and rail support system known to be aboard OSA and KOMAR class patrol boats.

2. These missiles have never been seen by western observers, and since the only photographic prints available for this analysis are extreme oblique views reproduced from Soviet periodicals, extreme caution is advised in the use of the mensural data provided in this memorandum.

The following photographic materials and reports were provided TID/EPIC for their mensural analysis of the missile:

- (a) Several extreme oblique views shown in the May 1963 issue (no. 10) of Sovetskiy Voin.
- (b) Three views of a model of the KOMAR class boat (CIA photo 5157914).
- (c) One oblique view shown in Krasnaya Zvezda, 6 Sep 63 (CIA 935495).
- (d) One extreme oblique view shown in Krasnaya Zvezda, 31 Dec 63.
- (e) One front view shown in Krasnaya Zvezda, 7 Jan 64.
- (f) Report 5152483, Guided-Missile-Armed Fast Patrol Ships.
- (g) In Cable 82346.
- (h) OSI Report E7-13A, Soviet Guided Missile Systems.

The missile dimensions and tolerances were established from the following data:

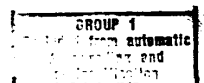
25X1B



DECLASSIFICATION REVIEW BY NIMA / DoD

S-11517

~~SECRET~~



SECRET

**SUBJECT: Analysis of Cruise Missile Employed Aboard
OSA and KOMAR Patrol Boats.**

M/EB 7b/6b

25X1B

[REDACTED]

After a thorough study of the available photography, TID/MPIC was unable to plot, with any degree of accuracy, detailed three-view dimensional engineering drawings of the KOMAR missile and rail support system. Major factors contributing to this inability are (1) lack of workable photography, and (2) lack of known distances to be used in ratioing.

Utilizing the above listed photographic materials and mensural data (a, b, and c), the attached artist's concept three-view dimensional drawings were rendered by PD/MPIC. Since these are artists' renditions they should not be used for scaling and computing various components of the missile.

25X1A

3. The photo analyst on this project is [REDACTED] who may be contacted on extension 2075 should you have any further questions concerning this project.

4. This project is considered to be complete.

25X1A

Enclosure:

1 - Dimensional drawing (MPIC E-7565)

Distribution:

orig & 1 - Addressee (2 cys attach)

1 - DepCh/CGS

1 - HdqLiaison/PID

*1 - PAG/MPIC

*1 - SR ([REDACTED])

1 - M/EB Subject

1 - PID Project

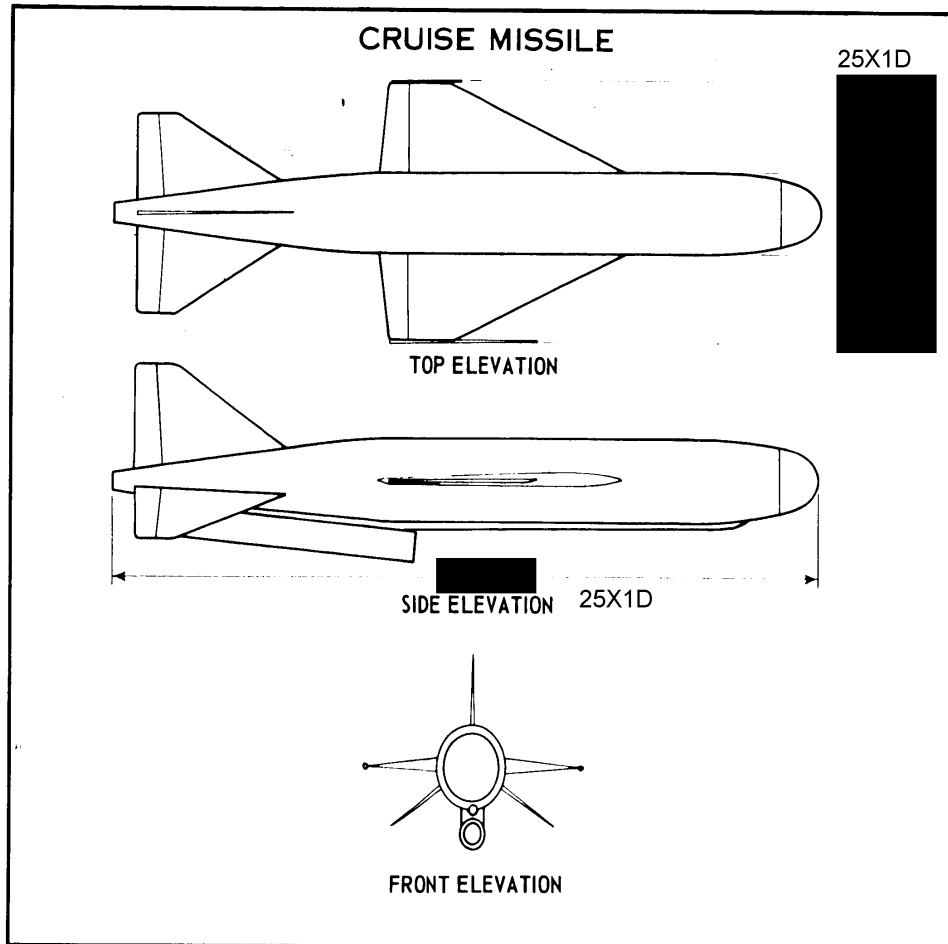
25X1A

MPIC/CIA/PID/MEB: [REDACTED] /2705 (6 Feb 63)

25X1A

GROUP 1
Excluded from automatic
downgrading and
declassification

SECRET



Note: see text for tolerance factor