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AD NUMBER

AD367497

CLASSIFICATION CHANGES

TO: unclassified

FROM: confidential

LIMITATION CHANGES

TO:

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FROM:

Distribution: USGO: Others to Director, Defense Nuclear Agency, Washington, DC 20305.

AUTHORITY

DSWA ltr., 18 Apr 1997; DSWA ltr., 18 Apr 1997

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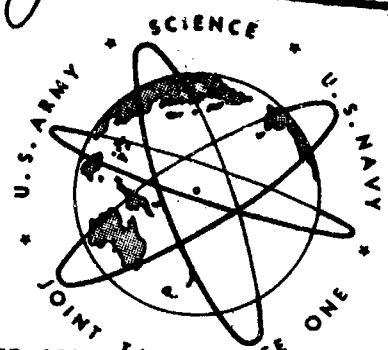
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OPERATION CROSSROADS.

ARMOR AND METALLURGY TESTS A AND B VOLUME PHOTOGRAPHIC INDEX
JOINT CHIEFS OF STAFF JCS 5795/30 DATED 10 APRIL 1949

By Authority of *John T. Loyette* Date 18 SEP 1953

- (11) 1957,
- (12) 234 P.
- (14) XRD-162



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Joint Task Force ONE
Director of Ship Material

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S-E-C-R-E-T

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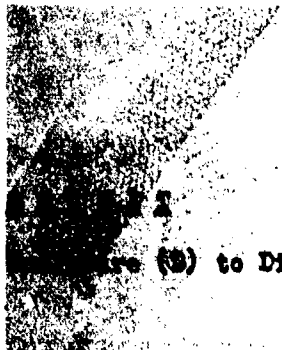
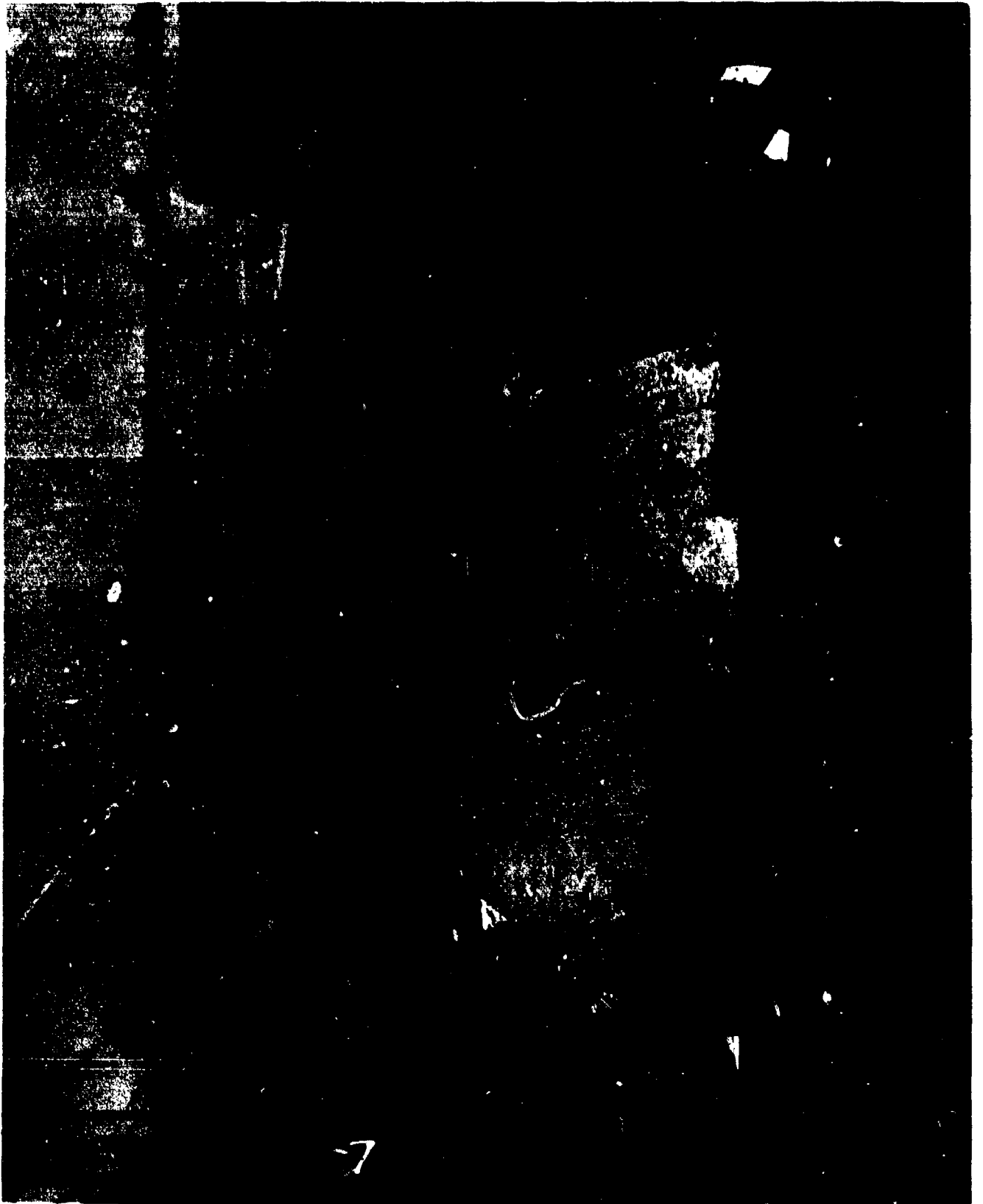
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (SS-35) - before Able.
1.5" Special Treatment Steel Plate No.
067483 located on ventrill. Shows
location and installation.
Photo.No. BASR 83-275-3.

SECRET

Enclosure (D) to Director Ship Material Serial 001600.



U.S.S. ARKANSAS (BB-33) - After Able
After Test Able photo of Special Treat-
ment Steel Plate No. 067483. Caved-in
deck in foreground - estimated 10" - 12".
Photo. No. AACR 81-1667-7.

re (3) to Director Ship Material Serial 001500 .



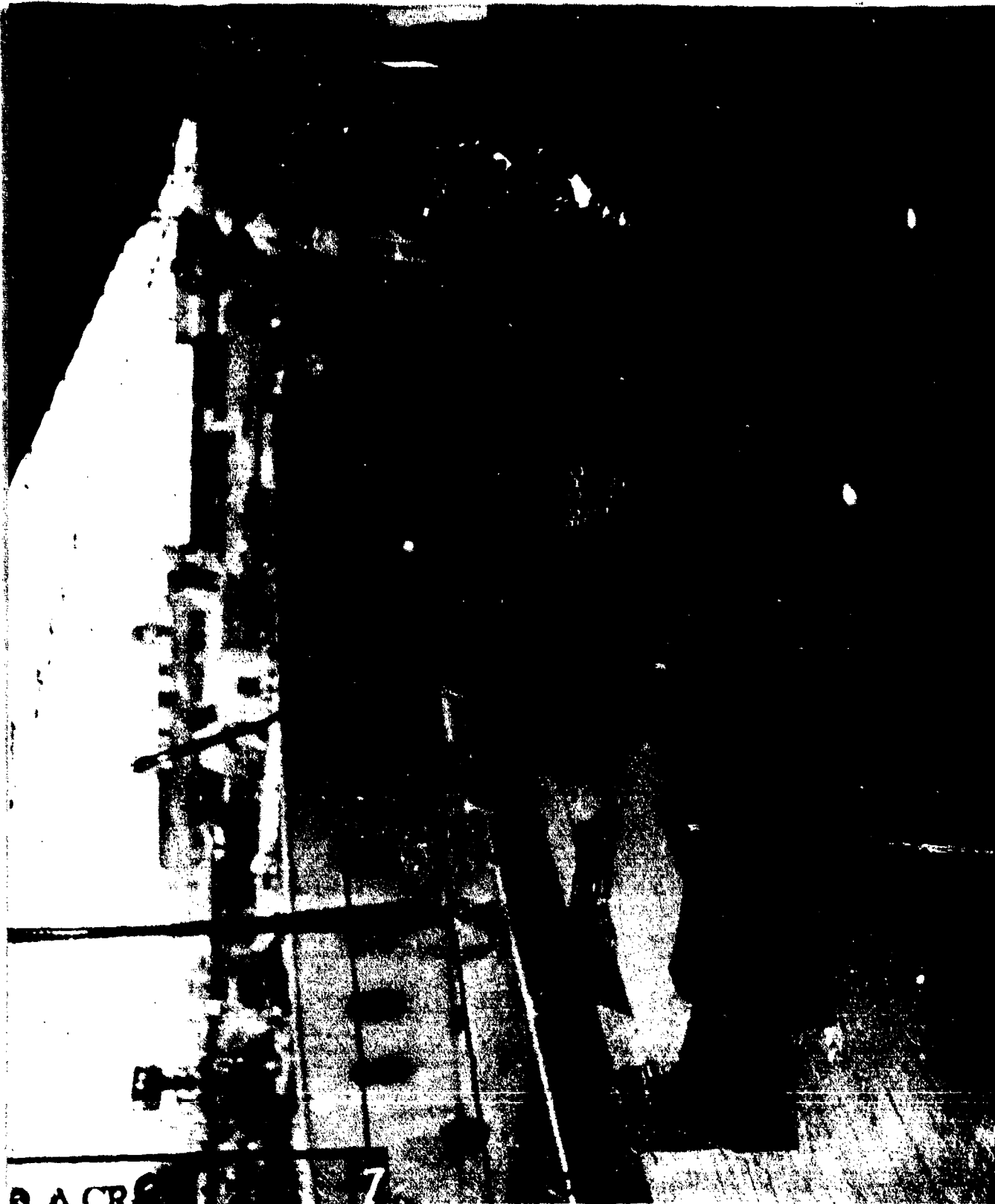
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installation.
Photo. No. BACR 93-272-6.

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U.S.S. NEVADA (EP-36) - Before Able
Four metallurgical samples various
gauges located on port side quarter-
deck. Shows installation.
Photo. No. BACR 83-272-7.

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U.S.S. Nevada (BB-36) - Before Able
6" Armor Plate No. TT435 located stor-
board overboard. Show installation.
Photo. No. NACR 83-278-R.

SECRET

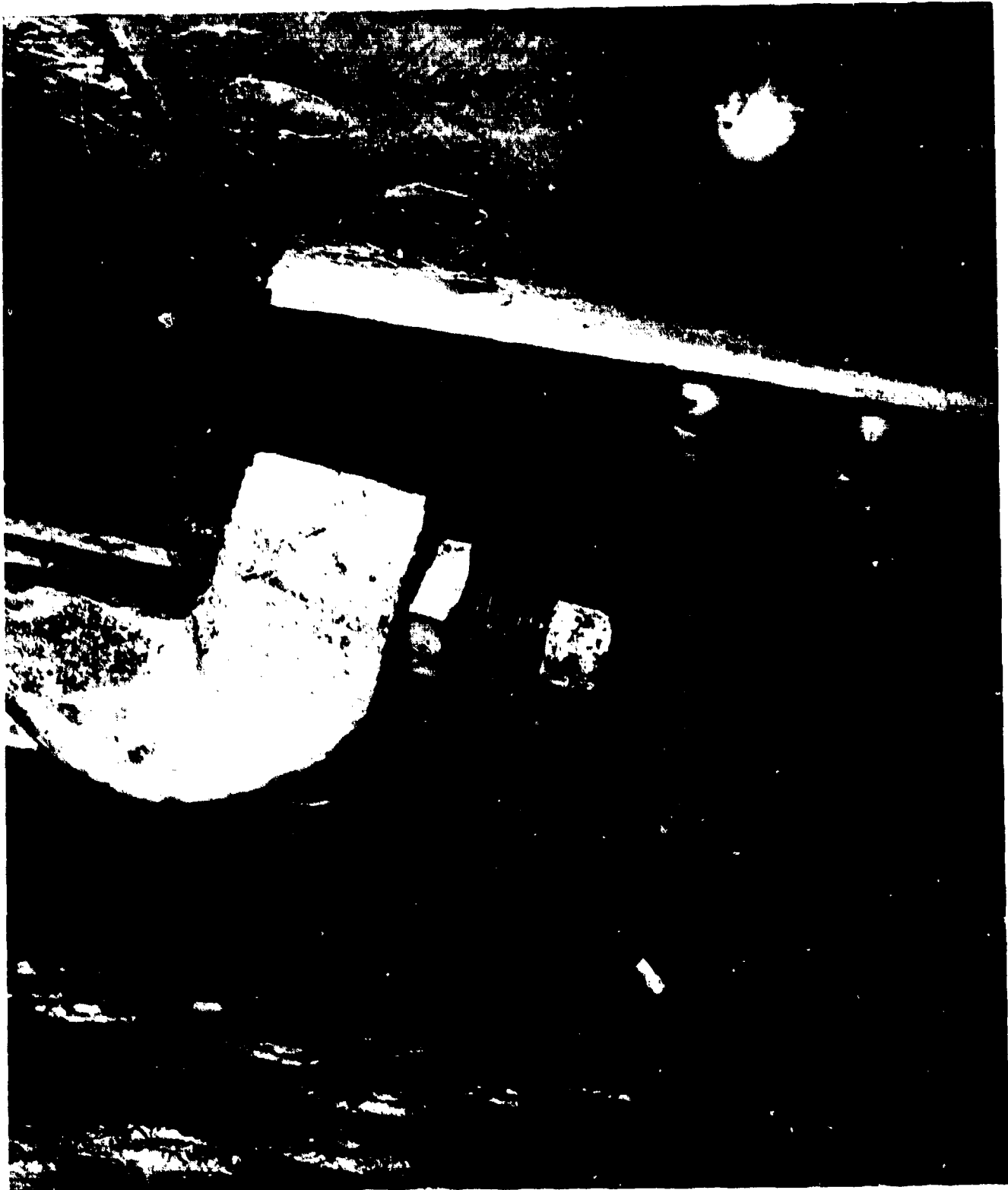
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEVADA (BB-36) - Before Able
Board deck starboard 3" Armor Plate No.
12066. Shows installation and asbestos
filler between plate and steel deck.
Plate No. BACR BK-272-12.

12066

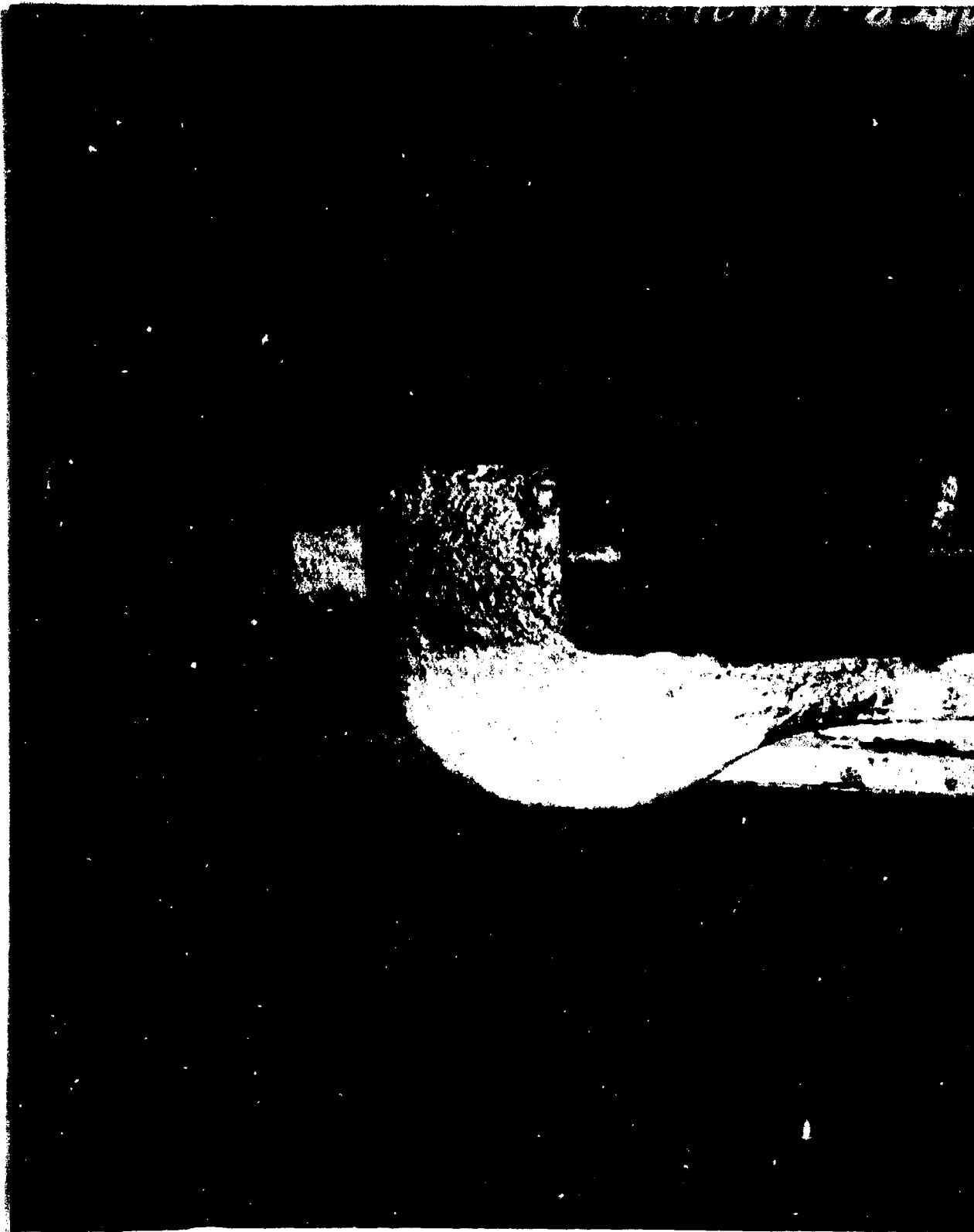
Director SPI Material Serial 001500.



U.S.S. NEW YORK (BB34) - After Baker
Turret four holding down clip. This clip
has horizontal crack on inboard side for
a length of 6 inches. Throws clip out of
alignment due to shock.
Photo. No. ABCR 234-2207-1.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEW YORK (BB-34) - After Baker.
Turret four holding clip. Same as
ABCR 234-2207-1, ABCR 234-2207-4, 5, 6
and 7 - U.S.S. NEW YORK, turret four
holding down clip. Showing fractured
clip with section resting on positive
buffer.
Photo. No. ABCR 234-2207-2.

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U.S.S. NEW YORK (SB-34) - After Baker
Turret four holding clip, showing frac-
tured clip with section resting on
positive buffer.
Photo. No. ABCR 234-2207-4.

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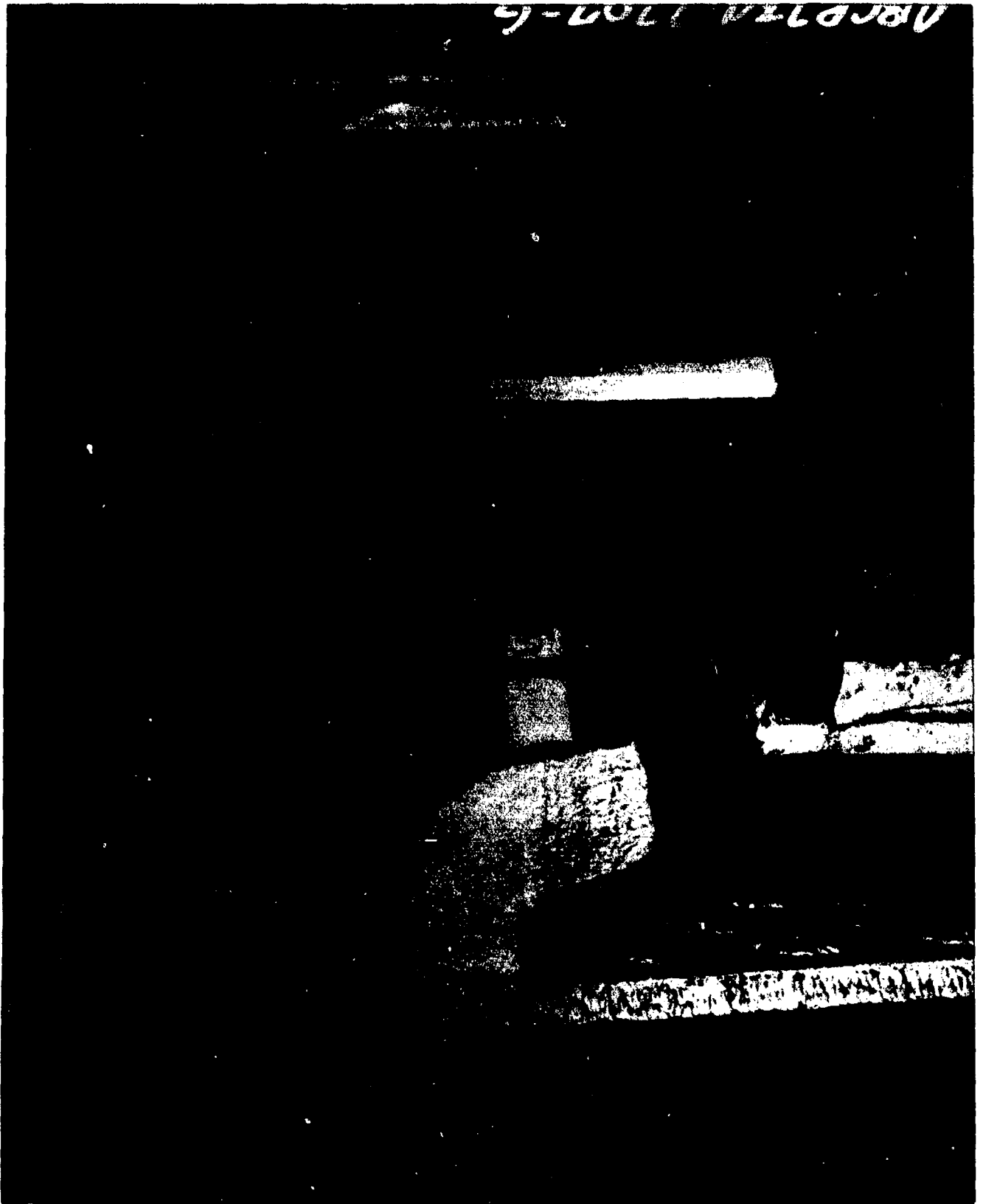
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U.S.S. NEW YORK (BB34) - After Baker.
Turret four holding clip, showing frac-
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Photo. No. ABCR 234-2207-6.

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itive buffer.
Photo. No. ABCR 234-2207-6.

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U.S.S. NEW YORK (BB34) - After Baker
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itive buffer.
Photo. No. ABCR 234-2207-7.

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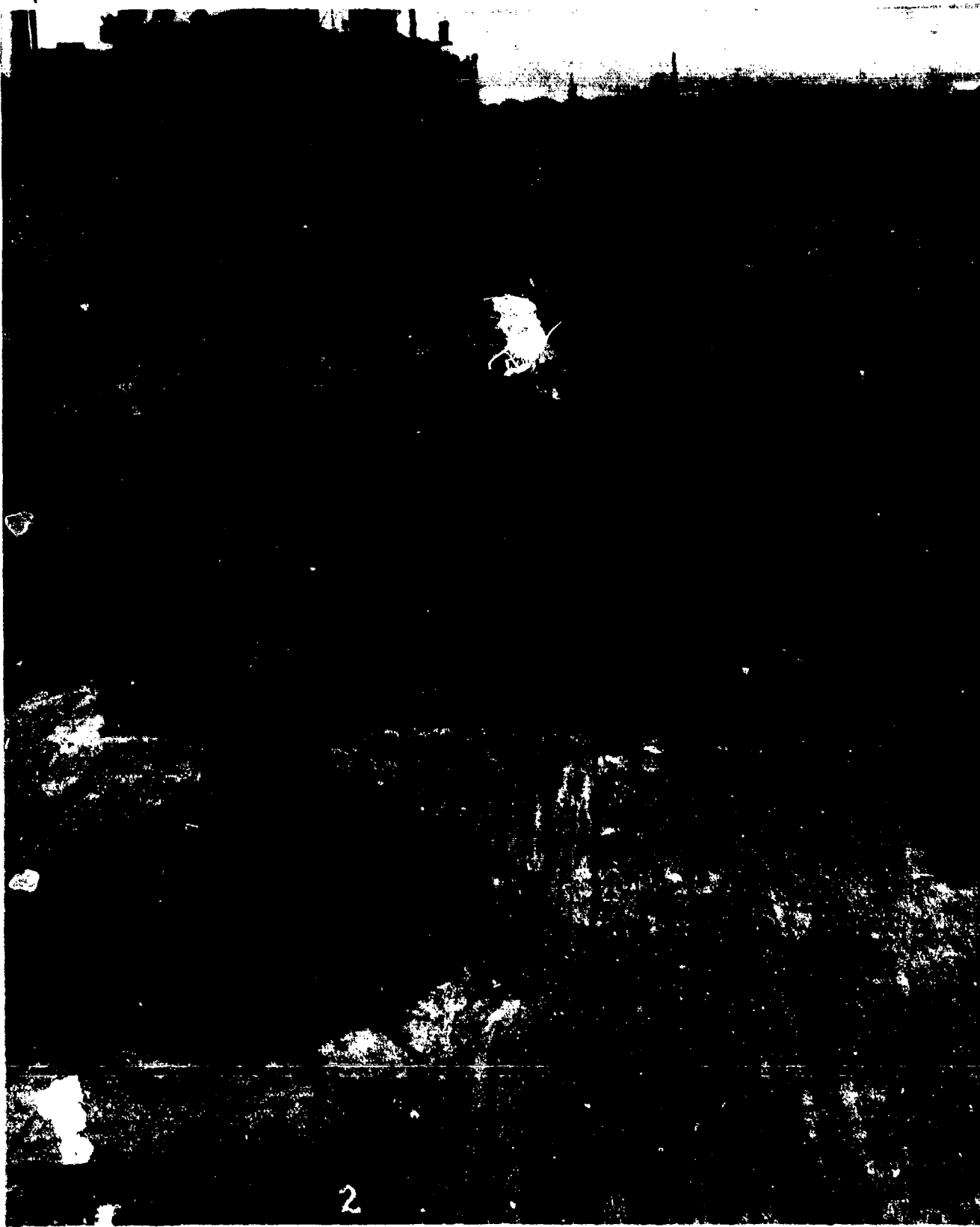
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U.S.S. PENSACOLA (MC-20) - Engine Room
1.5" Aluminum scale located in Pent. 11.
Shows interior of one scale covered
with asbestos to stop condensation with
uncovered scale.
Photo.No. TACR 8-11-9.

SECRET

Enclosure (D) to Director Ship Reports Serial 201500.



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U.S.S. PENSACOLA (CA-24) - Before Able
1.5" Special Treatment Steel Plate No.
155282 - located on fantail. Shows
location and installation.
Photo. No. PACR 118-273-2.

SECRET

enclosure (D) to Director Ship Material Serial 991500.



U.S.S. PENSACOLA (Sa-24) - After 4010.
1.5" Special Treatment Steel Plate No.
155282. Shows deflection of plate due
to caved-in deck.
Photo. No. AASK 61-1 58-2.

SECRET

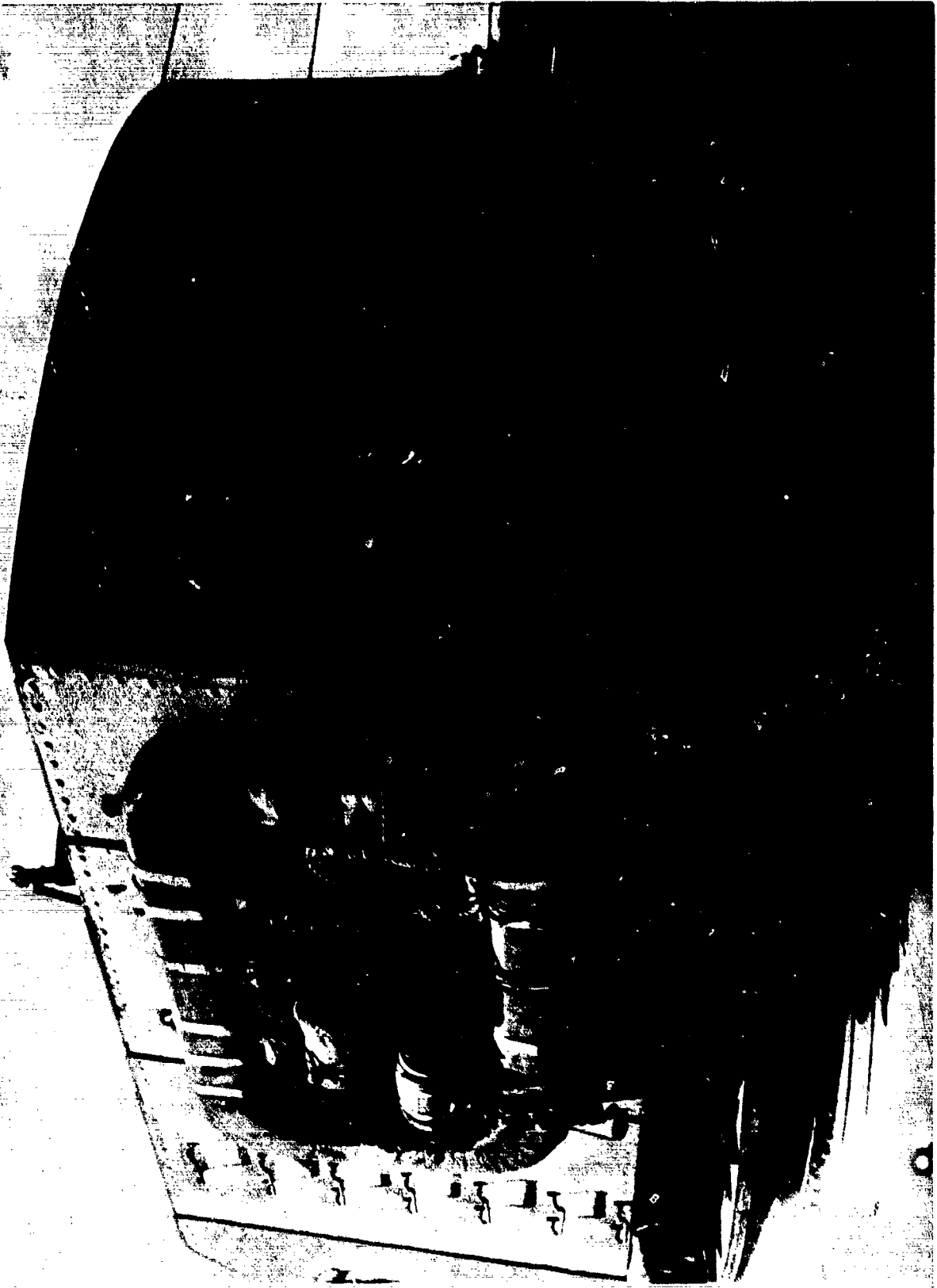
Enclosure (D) to Director Ship Material Serial 60,532.



Ex-Japanese Cruiser SAKAMA - Before Able
Shows shields for 15 cm. twin mounts.
Shield thickness from end side plates 7/16".
Photo. No. PACR 87-948-5.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



Ex-Japanese Spitzer SAKURA - Before War
Shows after cutting to the left. The
plate measures 1/2" x 1/2". The plate
consisted of three 1" plates.
Photo. No. RND 82-38-1.

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Enclosure (D) to Director SSI, Bureau of Special Intelligence

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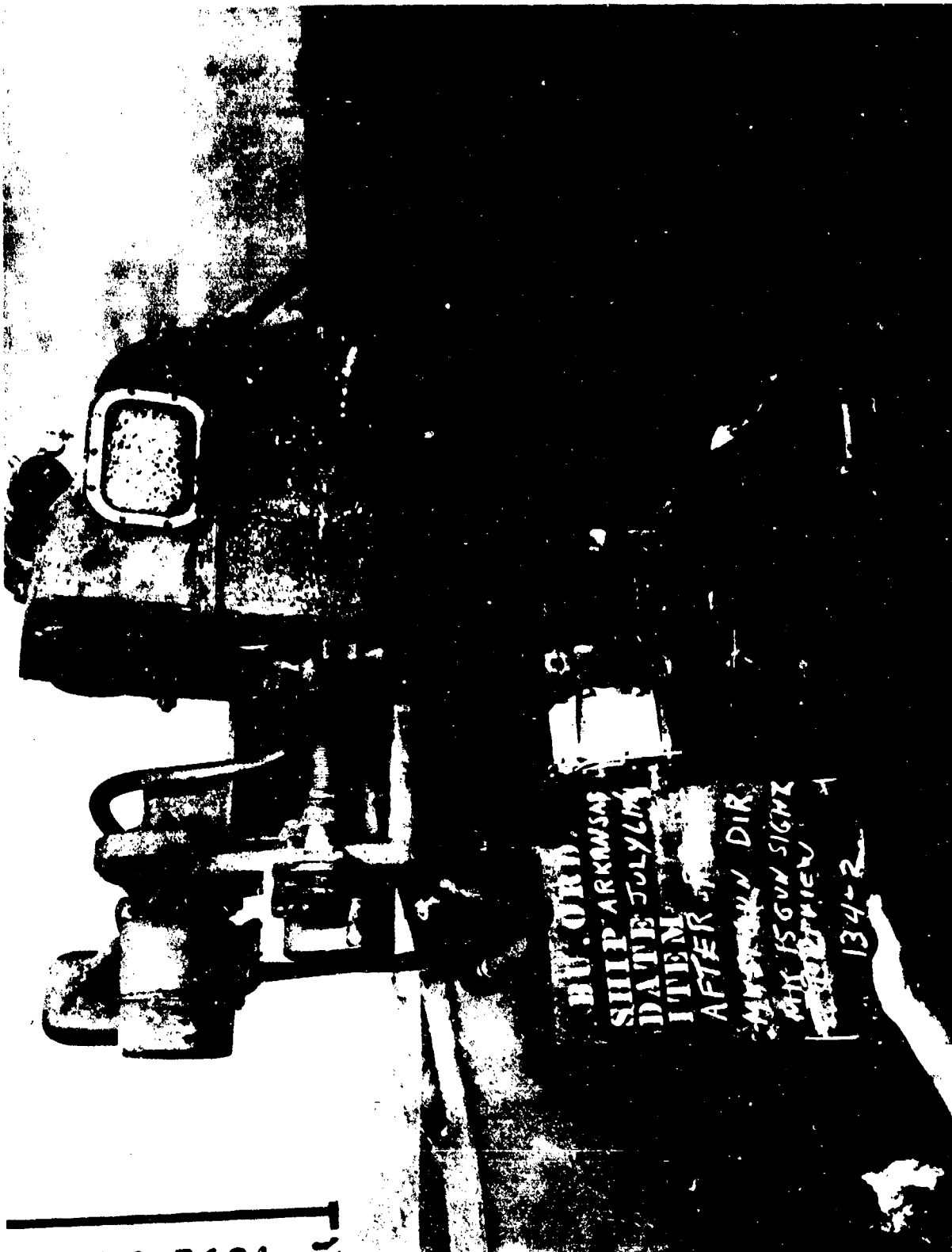
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Gun Director, Mk. 51, Mod. 3 (After Port Air Defense)
Showing ruptured air drier container, train locking-
pin broken from mounting, left elevation counter-
balance weight missing, and air intake-line broken.
Photo. No. AA-CR-60-134-1.

SECRET

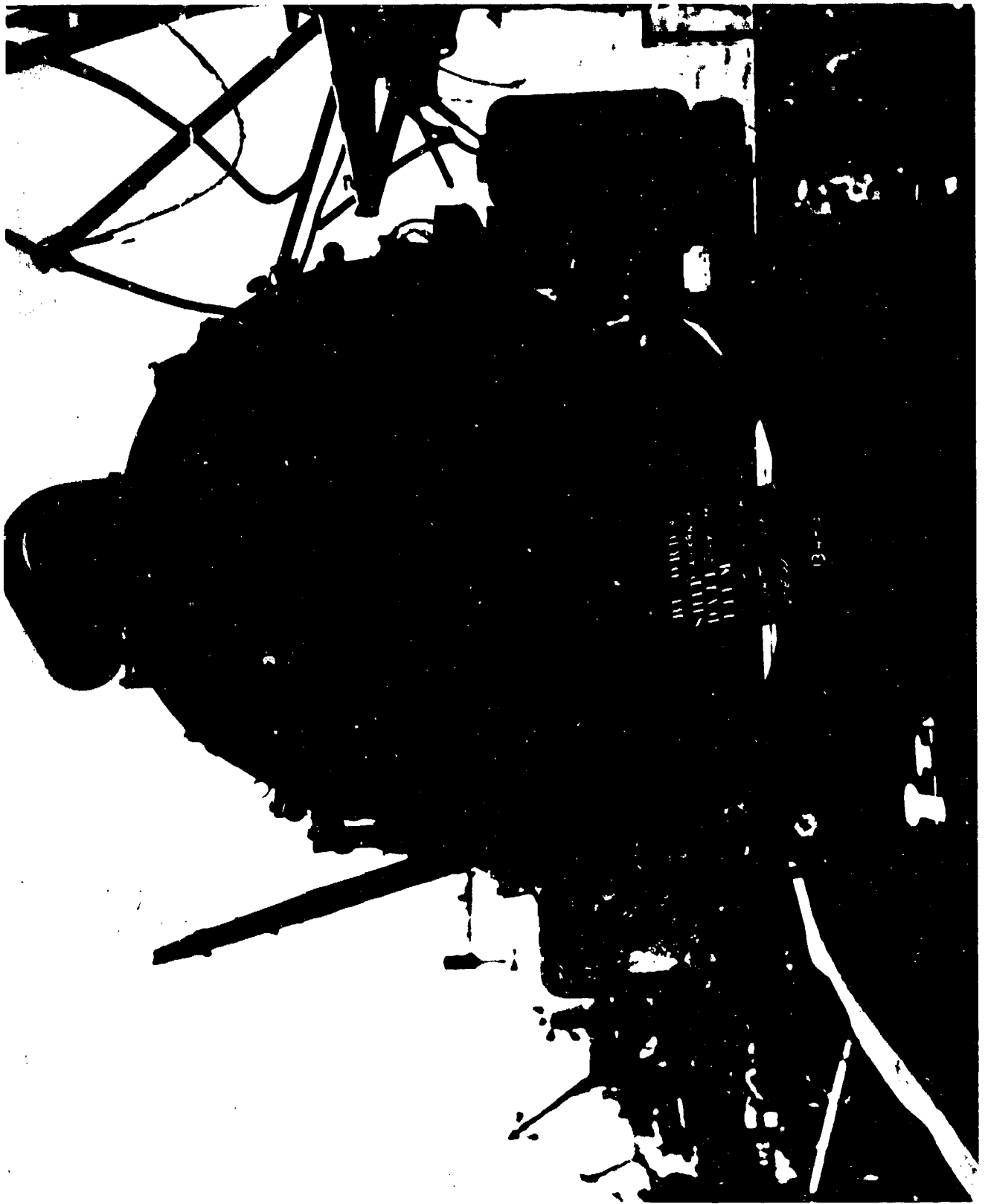
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U.S.S. ARKANSAS (BB-33) - After Able
Gun Director, Mk. 51, Mod. 3, and Gun Sight,
Mk. 15, Mod. 2 (Aft Port Air Defense).
Showing cracked end-window on Gun Sight and
mounting bracket for air compressor.
Photo. No. AA-CR-60-134-2.

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Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Searchlight (Port Air Defense).
Showing cracked window on elevation indicator.
Photo. No. AA-CR-60-134-3.

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Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Searchlight (waterboard Air Defense)
Showing broken electrical cables and broken
indicator mounting brackets.
Photo. No. AA-CR-60-134-4.

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U.S.S. ARKANSAS (BB-33) - After Able
Searchlight (Starboard Air Defense).
Showing broken electrical cable and broken indicator
mounting bracket.
Photo. No. AA-CR-60-134-5.

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Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Gun Director, Mk. 50 (Air Defense)
Showing broken light-metal alloy casting
on which Radar Antenna was mounted.
Photo. No. AA-CR-60-134-6.

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enclosure (D) to Director Ship Material Serial 001500.



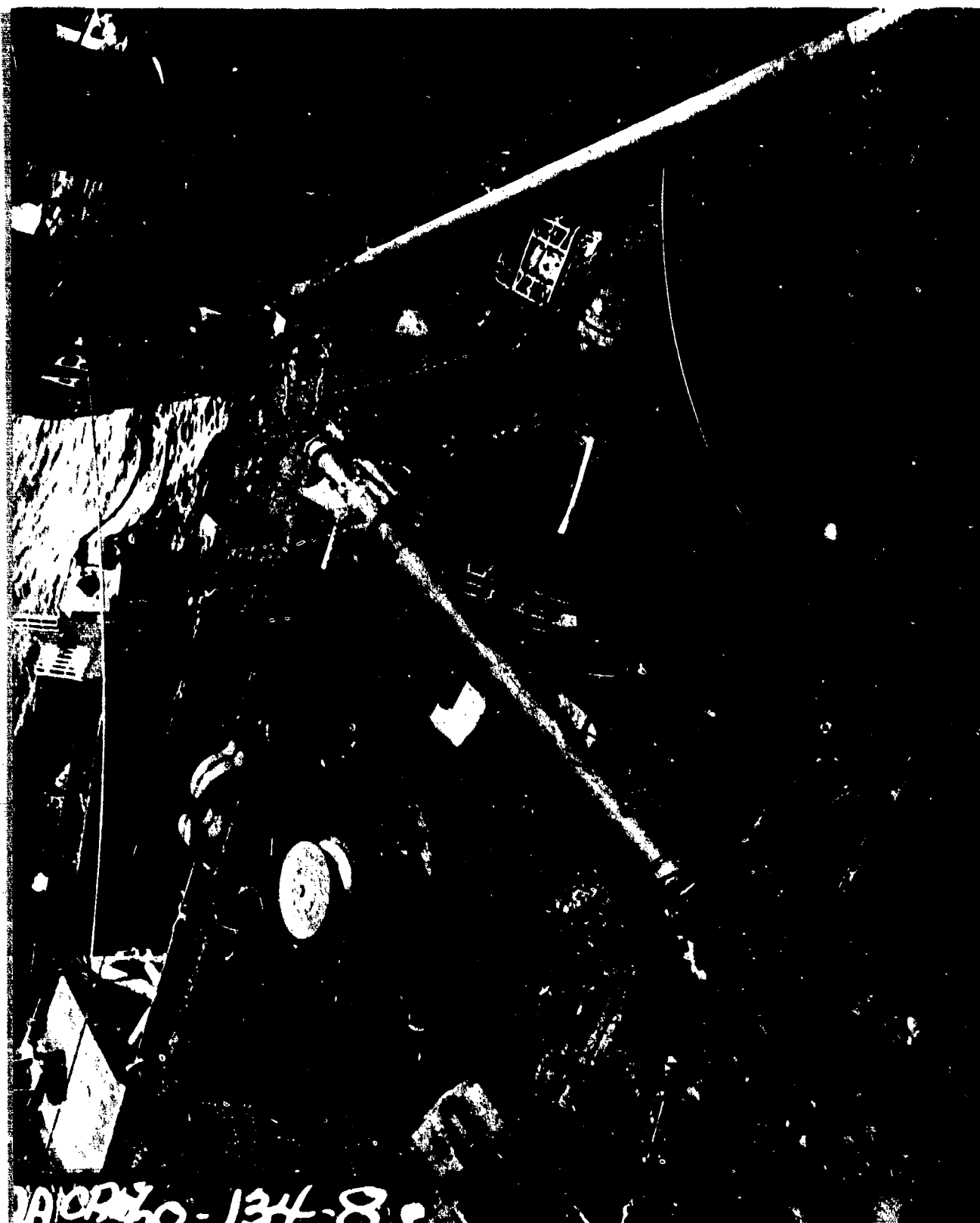
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support.
Photo. No. 64-GR-50-134-7.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001800.

Page 21 of 24 pages. (Continued)

501



DAPCR 70-134-8

The following information was obtained from the file of the Department of Defense, Office of the Inspector General, Washington, D. C., on 10/10/70.

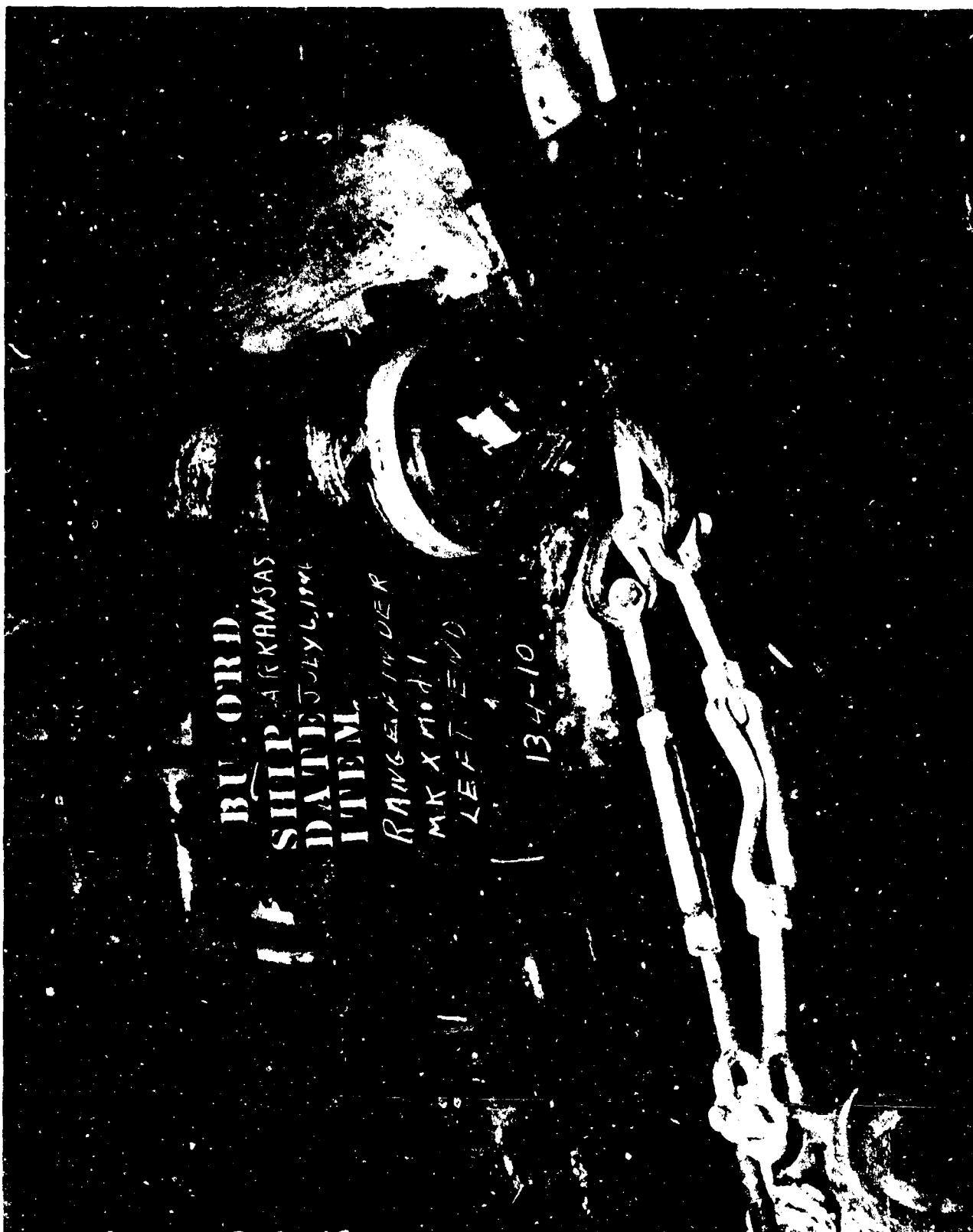
Reference is made to the report of the Department of Defense, Office of the Inspector General, dated 10/10/70, and to the report of the Department of Defense, Office of the Inspector General, dated 10/10/70.



U.S.S. ARKANSAS (BB-33) - After Able
Telescope, Mk. 11, Mod. 1, (After exposed rangefinder)
Showing broken mounting bracket and damaged telescope.
Photo. No. AA-CR-60-134-9.

S E C R E T

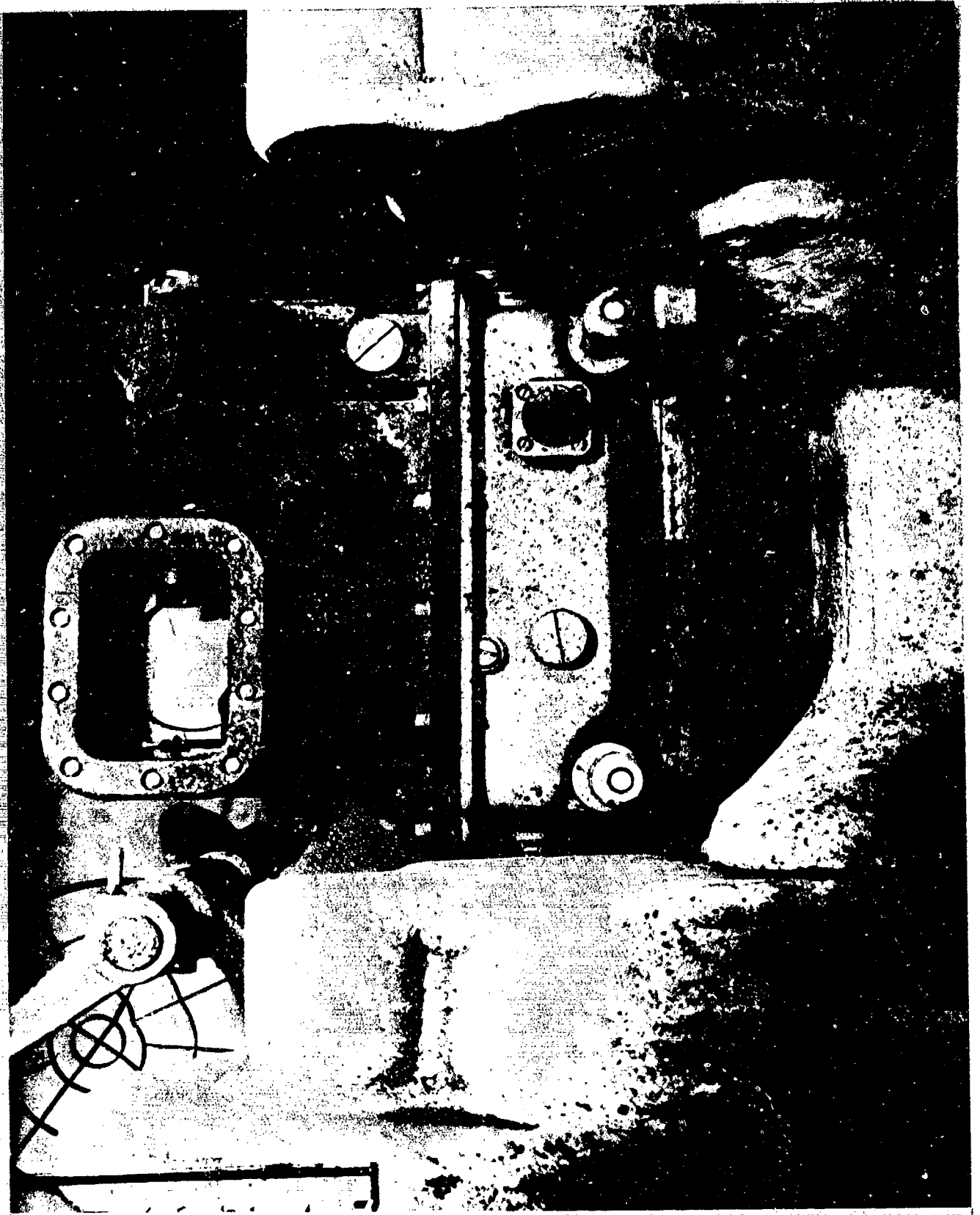
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Rangefinder, Mk. 10, Mod. 1 (Atop Turret #5)
Showing ruptured housing, absence of end-box, and
inner end-box assembly.
Photo. No. AA-CR-60-134-10.

SECRET

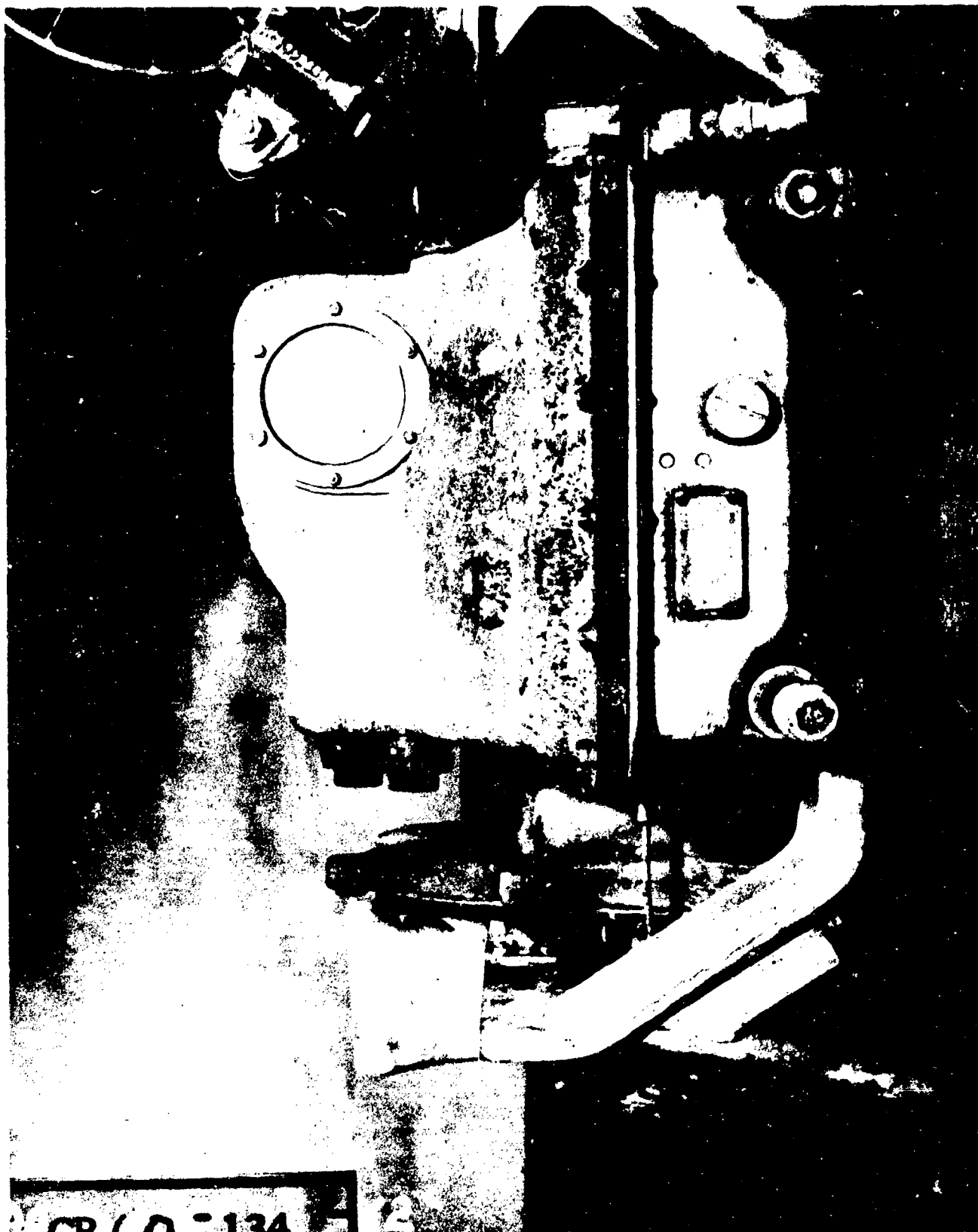
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Component, No. 14, Mod. B (Rear of starboard
Gun Director, Mk. 51). Showing broken rear
flange, missing a flange and secured cover.
Photo. No. AACN 60-134-11.

ENCLOSURE

Enclosure (5) to Direct Mail, Serial Serial 301410.



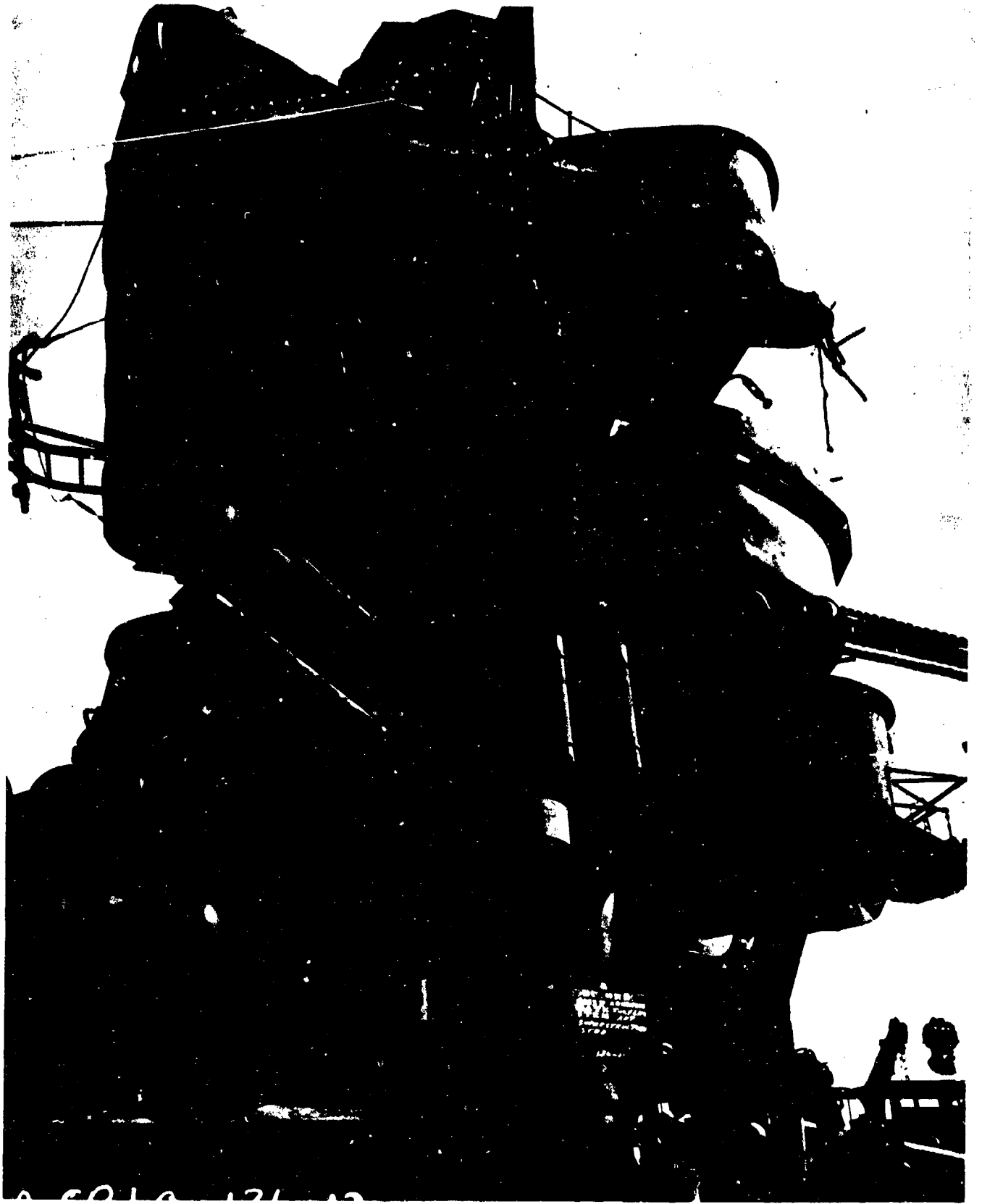
U.S.S. ARKANSAS (BB-33) - After Able
Gunsight, Mk. 14, Mod. 8 (Forward starboard
Gun Director, Mk. 51).
Showing cracked front window and scorched case.
Photo. No. AA-CR-60-134-12.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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U.S.S. ARKANSAS (BB-33) - After Able
Showing dished and bent splinter shields
Photo. No. AA-CR-60-136-12.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
After Superstructure.
Showing damaged splinter-shield around after
sky defense gun directors and 20 MM guns.
Photo. No. AA-CR-60-138-1.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Gunsight, Mk. 14, Mod. 6 (After Sky Defense).
Showing charred knobs.
Photo. No. AA-CR-60-138-2.

SECRET

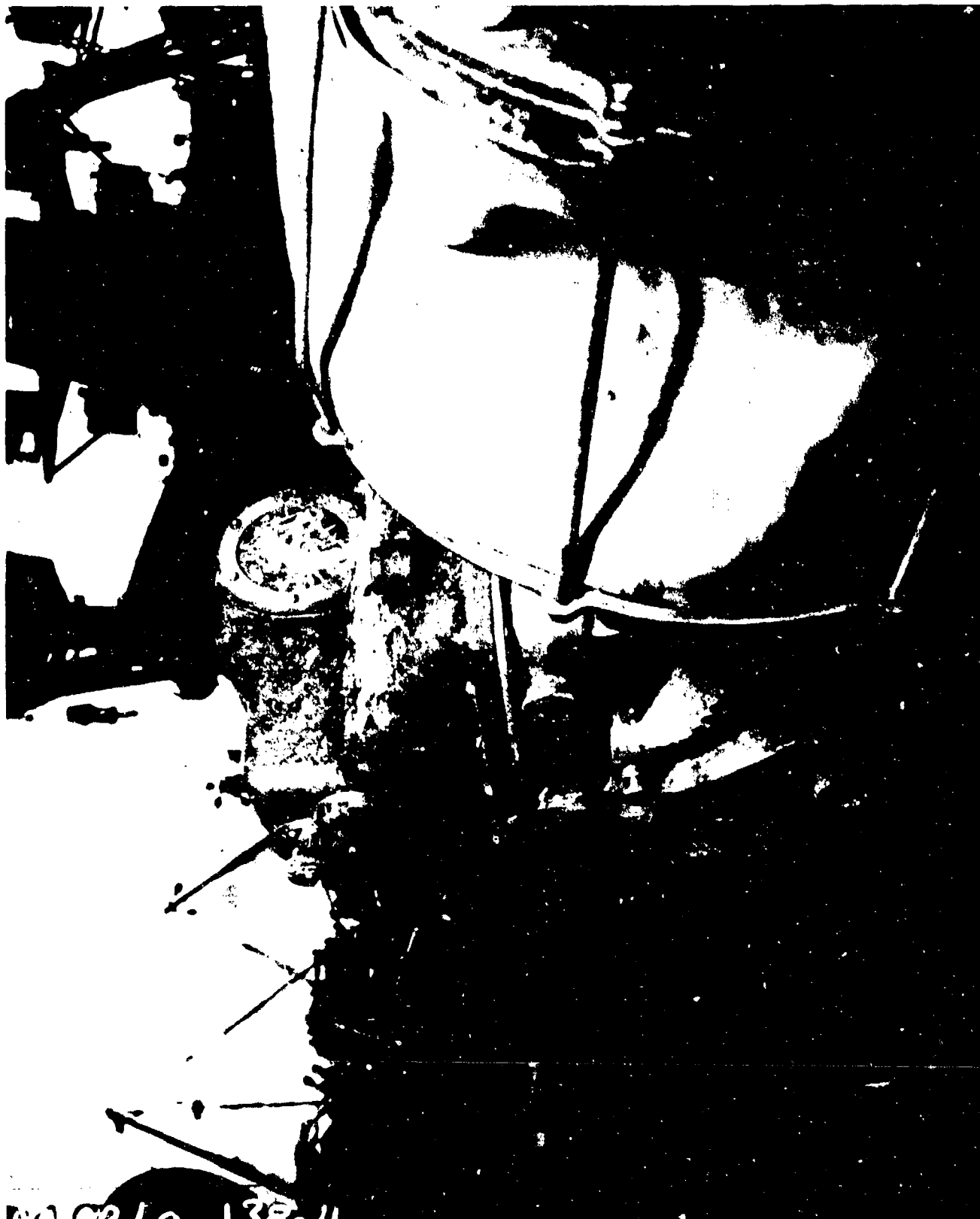
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Gunsight, Mk. 14, Mod. 6 (After Sky Defense)
Showing broken elevation mirror and dislocated pivots.
Photo. No. AA-CR-60-138-3.

SECRET

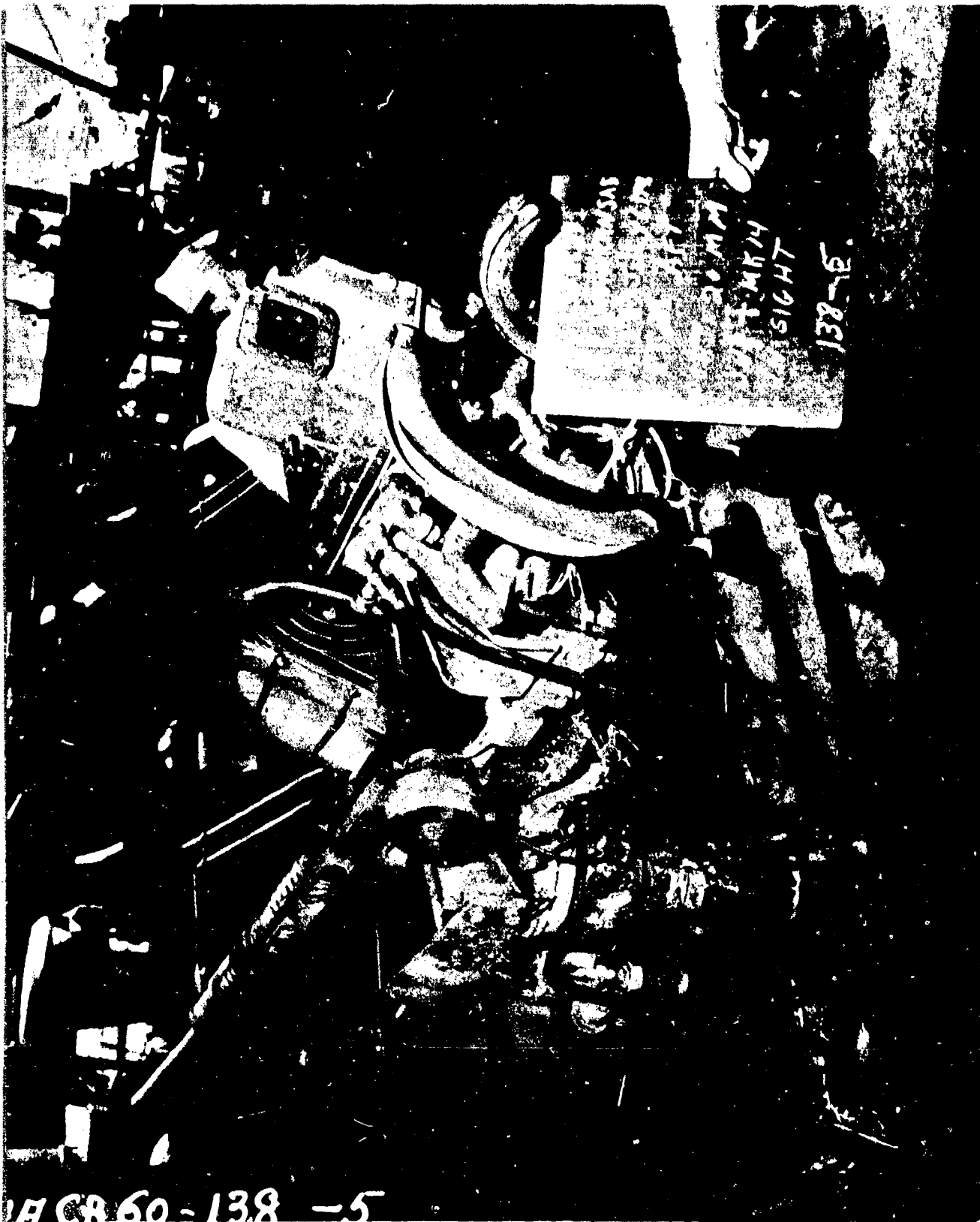
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Gunsight, Mk. 14, Mod. 6 (After Sky Defense).
Showing shattered end-window and scorched
spotting knobs.
Photo. No. AA-CR-60-138-4.

S-E-C-R-E-T

Enclosure (2) to Director Ship Material Serial 001800.



U.S. Model 28 (S-28) - After Air
Gun Sight, No. 14, Fed. (Air Defense Act,
Showing operation of base, and electrical
circuitry.
Photo. No. AR. 60-138-5.

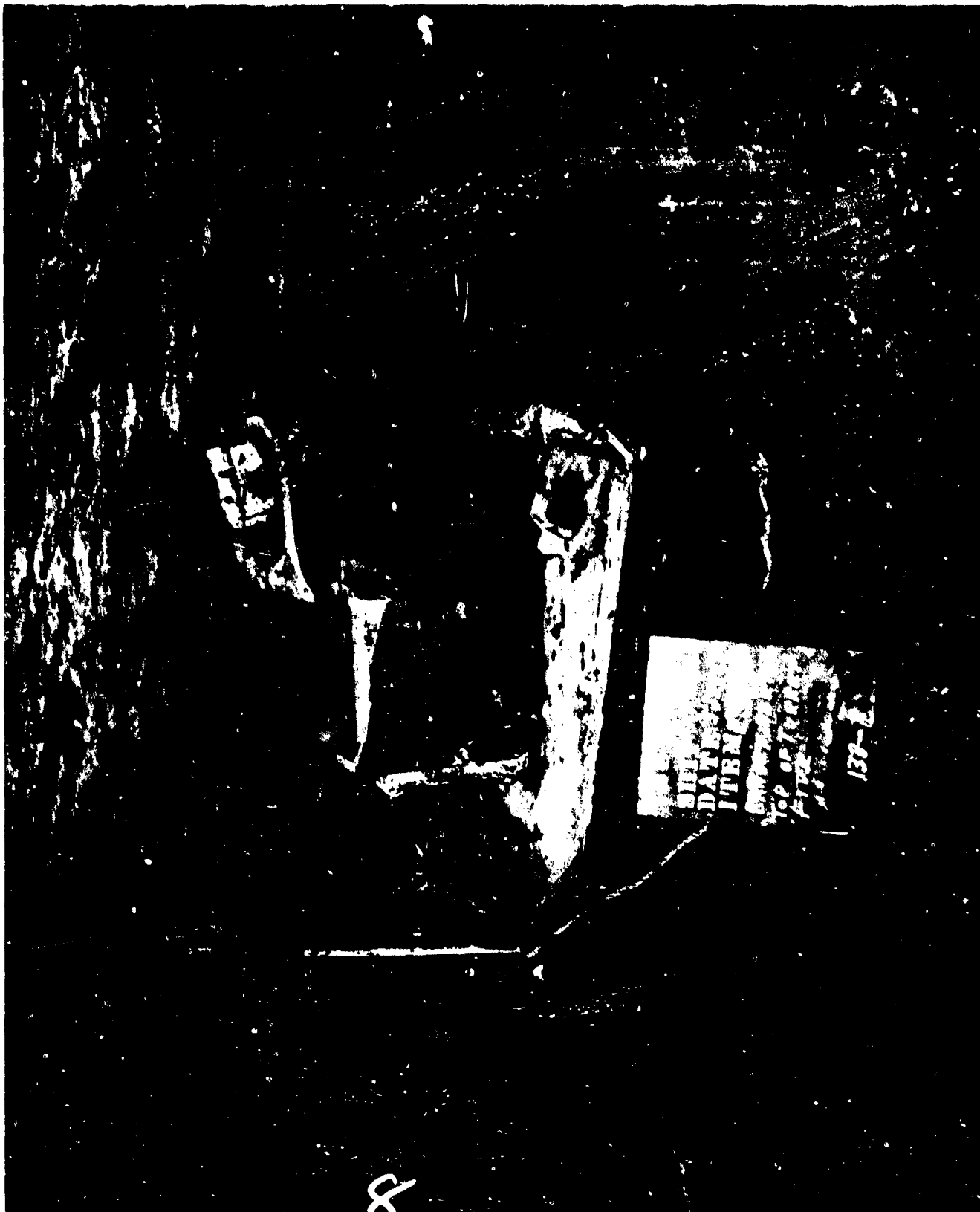
U.S. Model 28 (S-28) - After Air
Gun Sight, No. 14, Fed. (Air Defense Act,
Showing operation of base, and electrical
circuitry.
Photo. No. AR. 60-138-5.



U.S.S. ARKANSAS (BB-33) - After Able
Sky Defense Aft.
Showing general arrangement and location
of damaged ordnance equipments.
Photo. No. AA-CR-60-138-7.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Rangefinder Mount (Atop Turret No. 5).
Showing rangefinder mount base and wreckage
of rangefinder mount.
Photo. No. AA-CR-60-138-8.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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4212



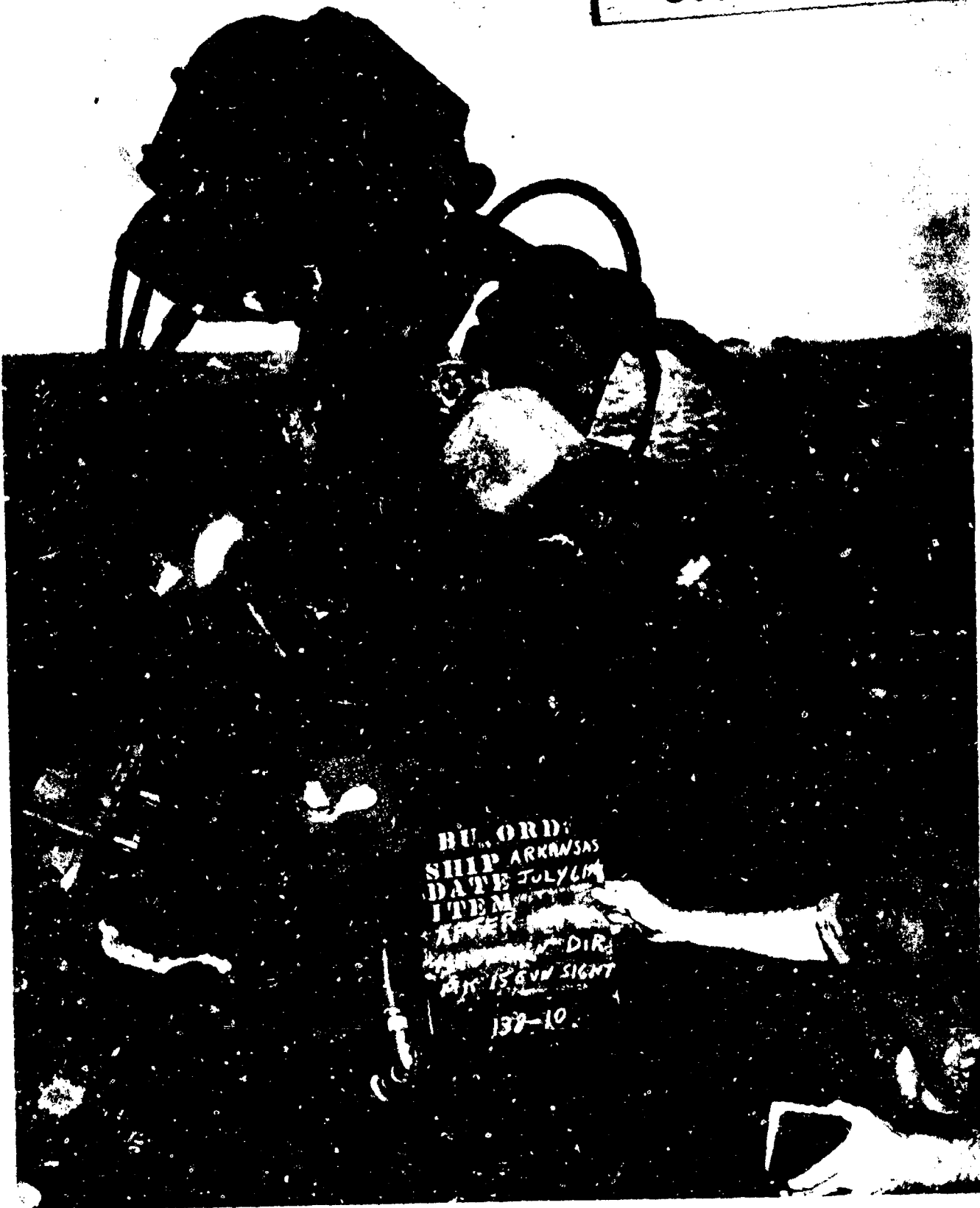
U.S.S. ARKANSAS (BB-33) - After Able
Periscope (Turret No. 5)
Showing damaged periscope, Mk. 6, Mod. 2
Photo. No. AA-CR-60-138-9.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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4212



U.S.S. ARKANSAS (BB-33) - After Able
Gun Director, Mk. 51, Mod. 3 (Starboard after air defense)
Showing broken air drier fitting and bent splinter shield.
Photo. No. AA-CR-60-138-10.

SECRET

Enclosure (1) to Director Ship Material Serial 001500.

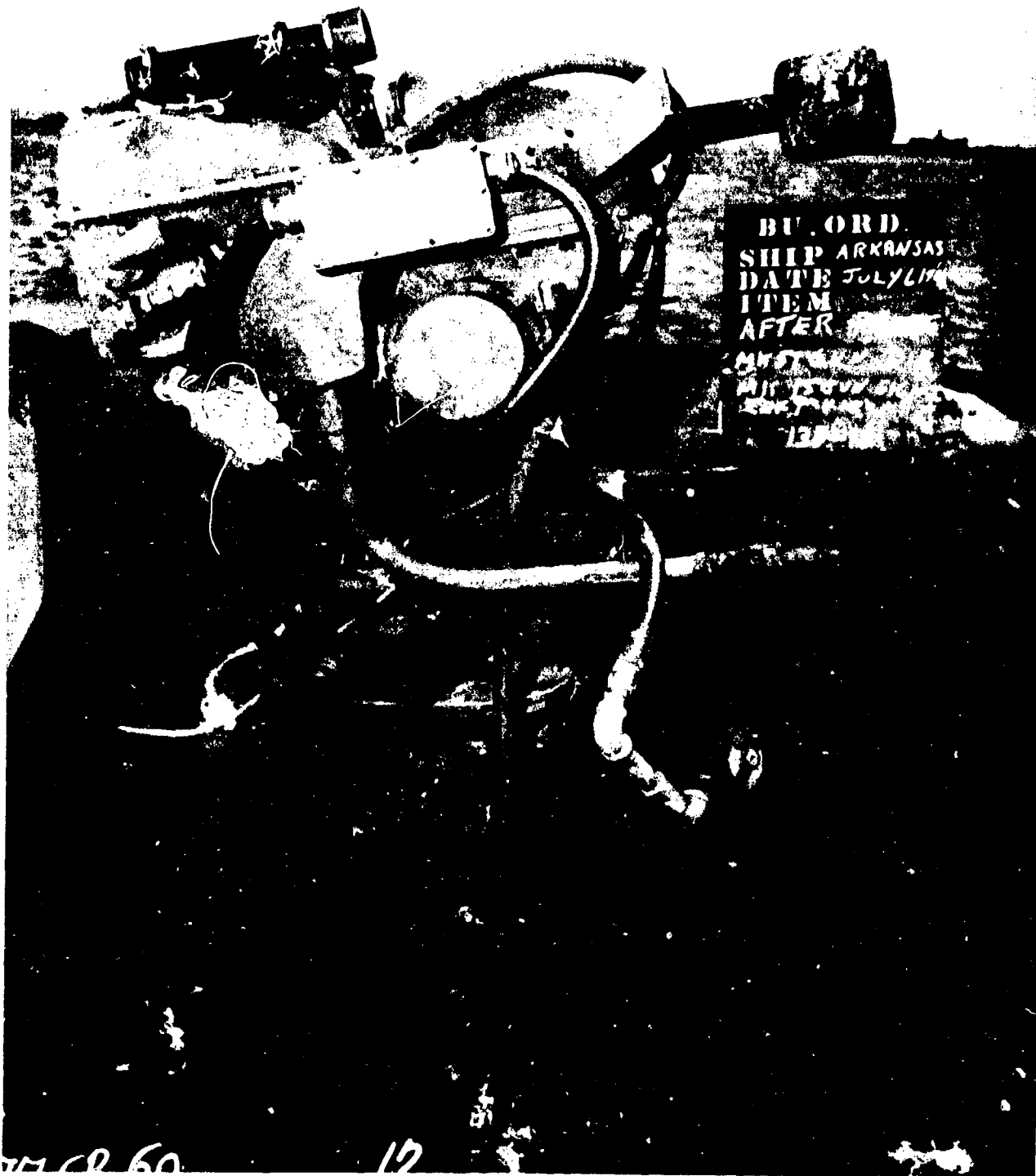
1212



U.S.S. ARKANSAS (BB-33) - After Able
Gun Director, Mk. 51, Mod. 3 (Starboard after air defense)
Showing bent splinter shield and broken air drier fitting.
Photo. No. AA-CR-60-138-11.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-39) - After Able
Gun Director, Mk. 51, Mod. 3, (port after
air defense). Showing broken air fittings (intake and air drier), charred electrical cables and bracket for missing left elevation counterbalance weight.
Photo. No. WACR 60-138-12.

SECRET

Reference (B) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Bracket for Gun sight, Mk. 14 on 20 MM Gun #3
on starboard Signal Bridge.
Showing broken sight bracket on gun.
Photo. No. AA-CR-60-144-2.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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U.S.S. ARKANSAS (BB-33) - After Able
Gun sight, Mk. 14, Mod. 6, Serial No. 94926.
Showing broken sight bracket and sight cable.
Photo. No. AA-CR-60-144-3.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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4212



U.S.S. ARKANSAS (BB-33) - After Able
Rangefinder, Mk. 10, and Rangefinder Mount.
Showing the rangefinder mount after being
blown off Turret #2.
Photo. No. AA-CR-60-144-4.

SECRET

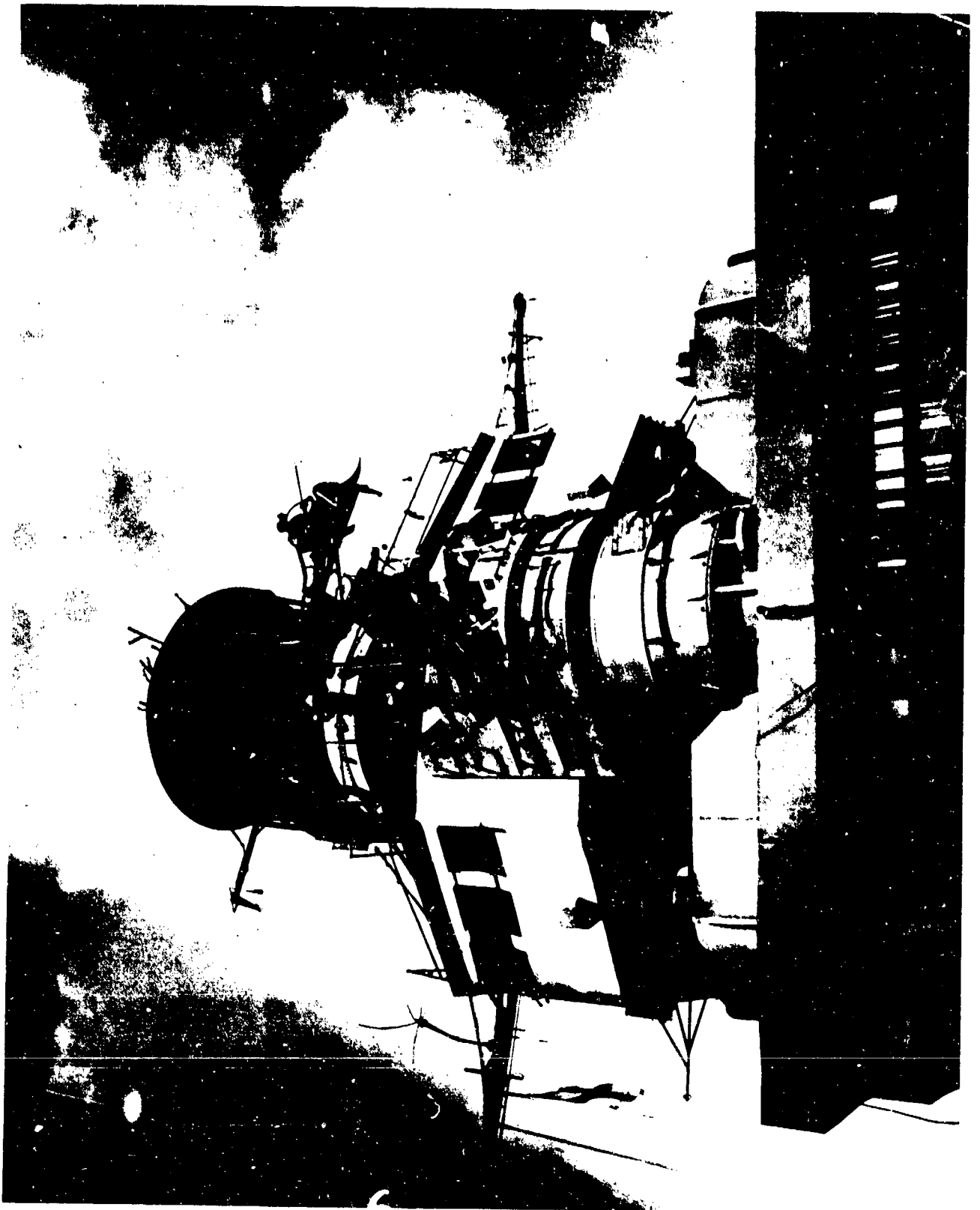
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Rangefinder Foundation and Training Circle
(Atop Turret #2).
Showing lower roller path, training rack and
foundation ring.
Photo. No. AA-CR-60-144-5.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Gun Director, Mk. 50, Mod. 4, Serial No. 13
(Fwd. Sky Control)
Showing displaced antenna assembly of Fire Control
Radar Equipment, Mk. 10.
Photo. No. AA-CR-60-144-6.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



U.S.C. ARS-100 (FR-10) - ARS-100
Range 100, 100, 100, 100, 100
No. 10, 100, 100, 100, 100, 100
(Port 100, 100, 100, 100, 100, 100)
Sacked 100, 100, 100, 100, 100
100, 100, 100, 100, 100, 100
100, 100, 100, 100, 100, 100

SECRET

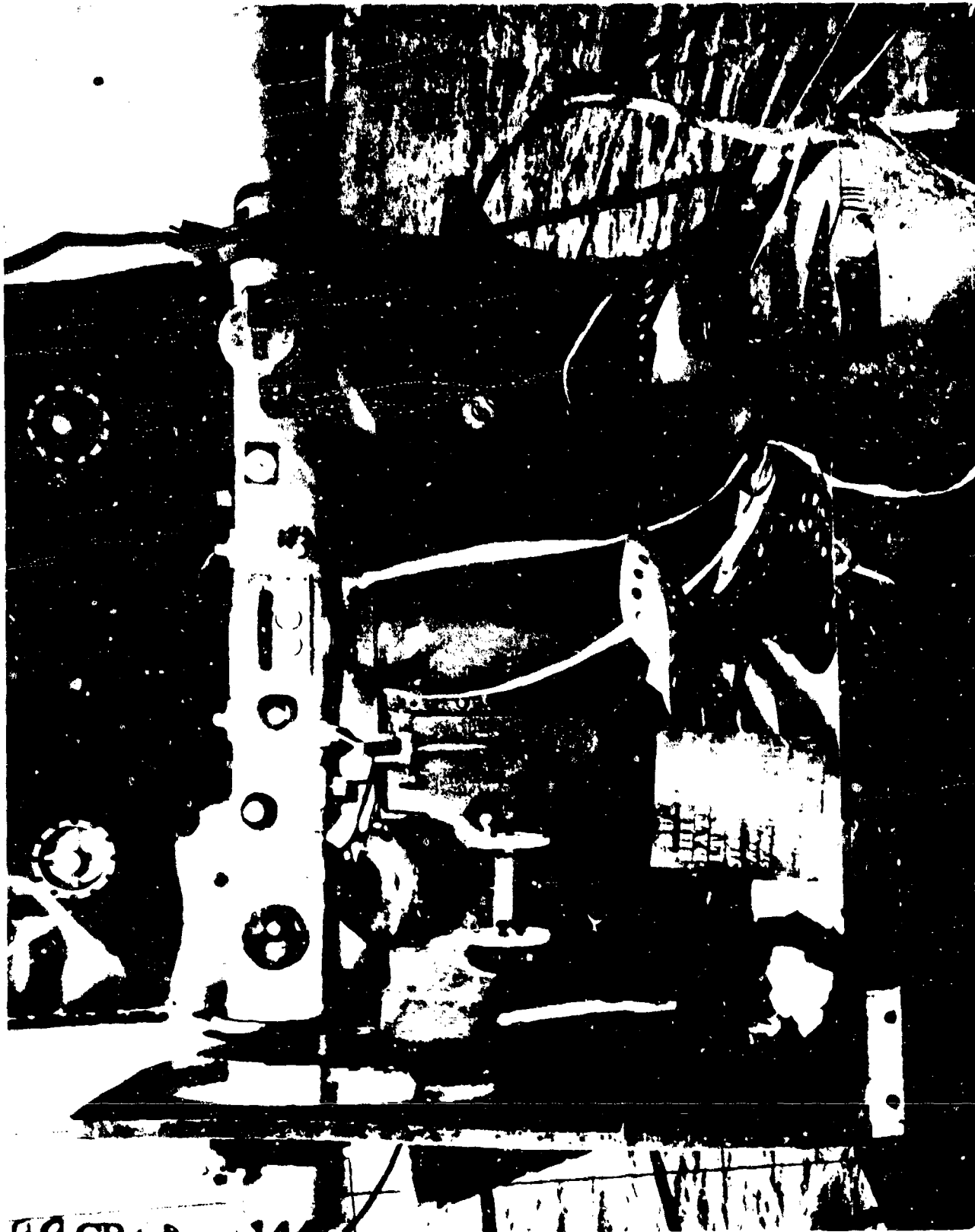
Enclosure (D) to Director SSI, dated 10/1/54.



U.S.S. ARKANSAS (BB-33) - After Able
Rangefinder, Mk. 54, Mod. 0, Serial No. 6,
and Rangefinder Mount, Mk. 35.
Showing rear right side and front of weather
shield blown away.
Photo. No. AA-CR-60-144-8.

SECRET

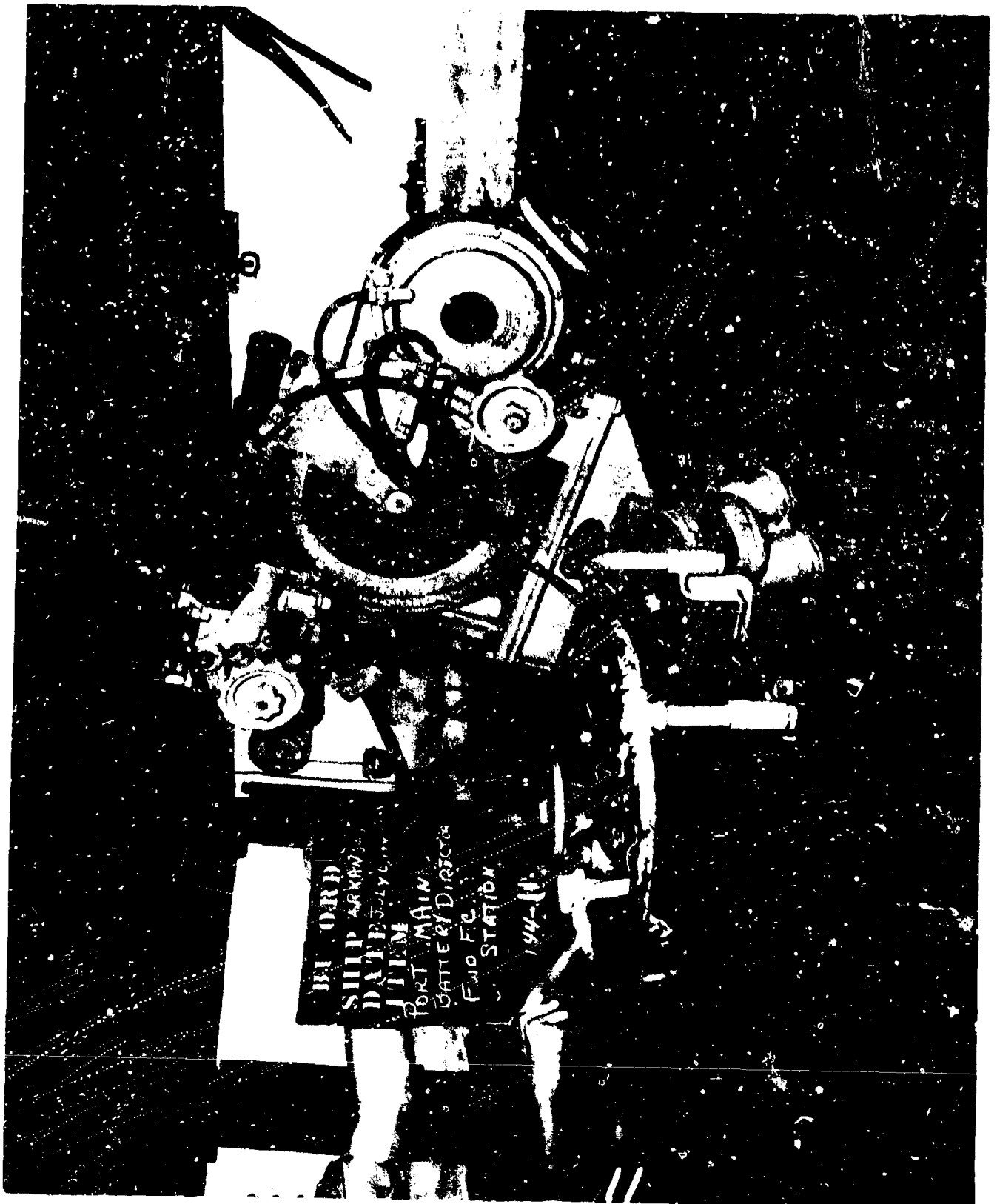
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Rangefinder, Mk. 54, Mod. 0, Serial No. 8,
and Rangefinder Mount and Weather Shield.
Showing rear and right side of shield blown away.
Photo. No. AA-CR-60-144-9.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Secondary Battery Director, Mk. 7, Mod. 3,
Serial No. 2 - Rangekeeper, Mk. 2.
Showing shattered cover glass and disengaged knobs.
Photo No. AA-CR-60-144-11.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

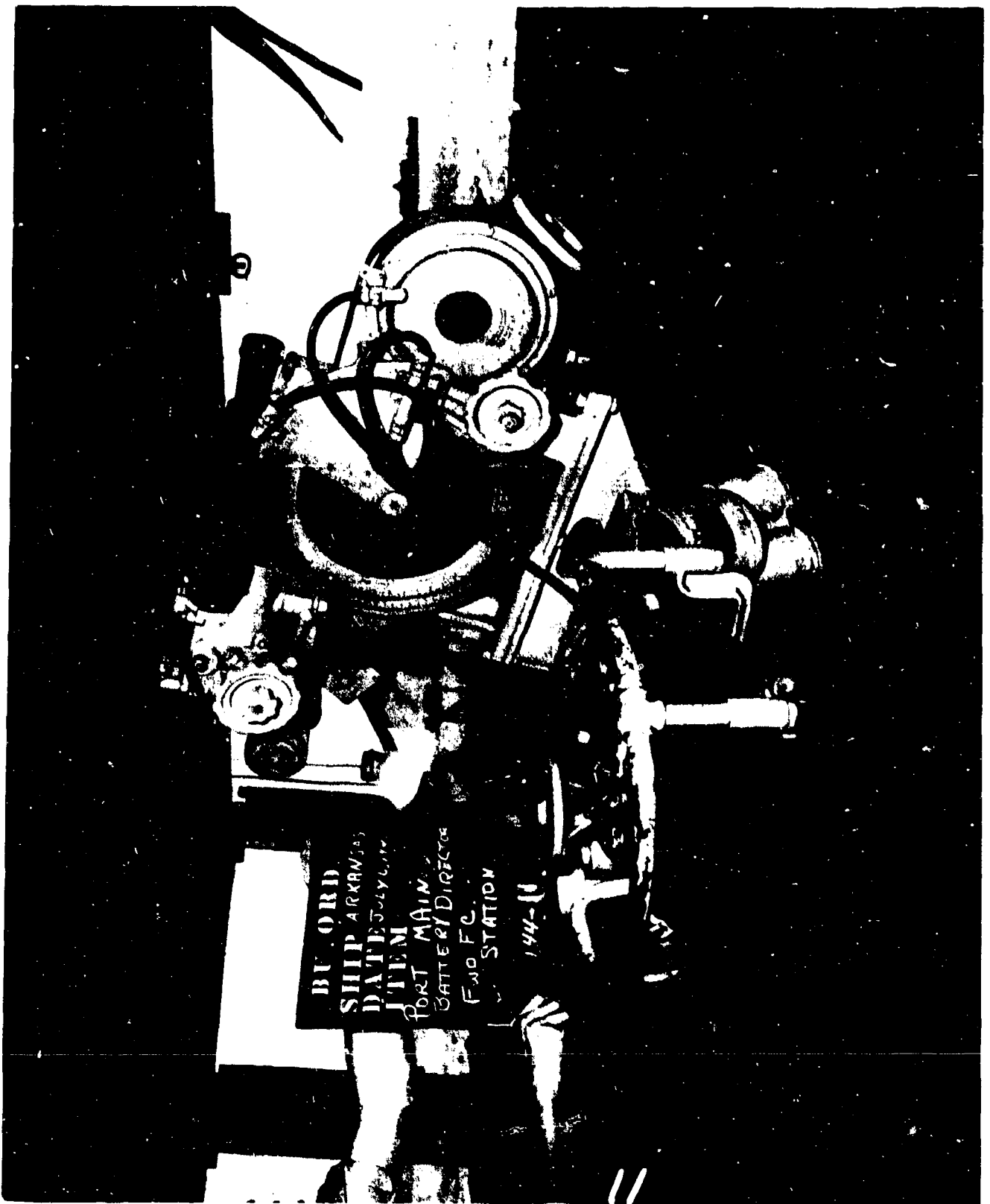
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U.S.S. ARKANSAS (BB-33) - After Able
Rangefinder, Mk. 54, Mod. 0, Serial No. 6,
and Rangefinder Mount, Mk. 35.
Top view showing rear, right side, front, and
top of weather shield blown away.
Photo. No. AA-CR-60-144-12.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Secondary Battery Director, Mk. 7, Mod. 3,
Serial No. 2 - Rangekeeper, Mk. 2.
Showing shattered cover glass and disengaged knobs.
Photo. No. AA-CR-60-144-11.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

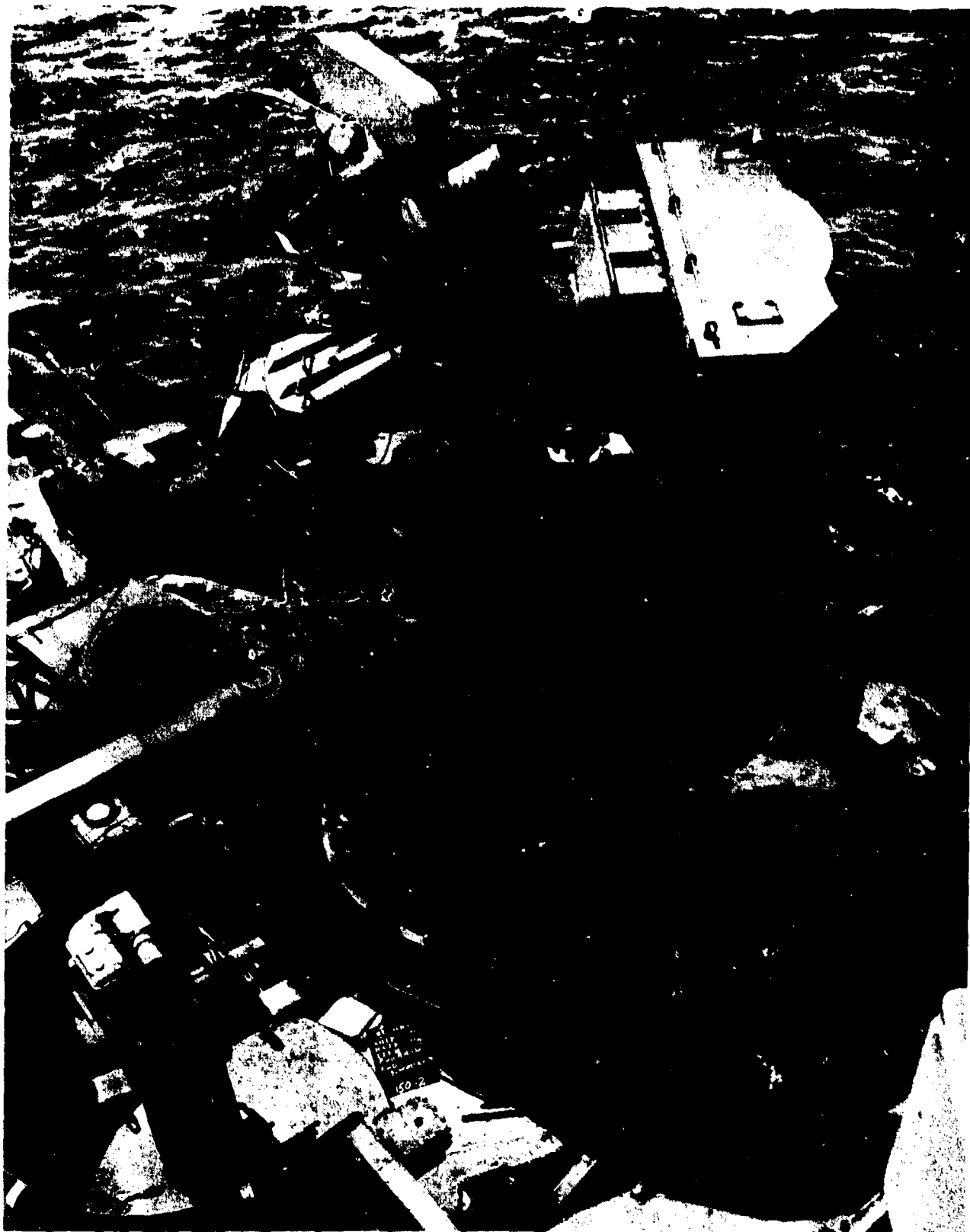
Page 57 of 234 pages. Volume V.



U.S.S. ARKANSAS (BB-33) - After Able
Rangefinder, Mk. 54, and Shield
(Stbd. forward superstructure)
Showing the forward blast shield torn
from its mountings.
Photo. No. AA-CR-60-150-1.

S E C R E T

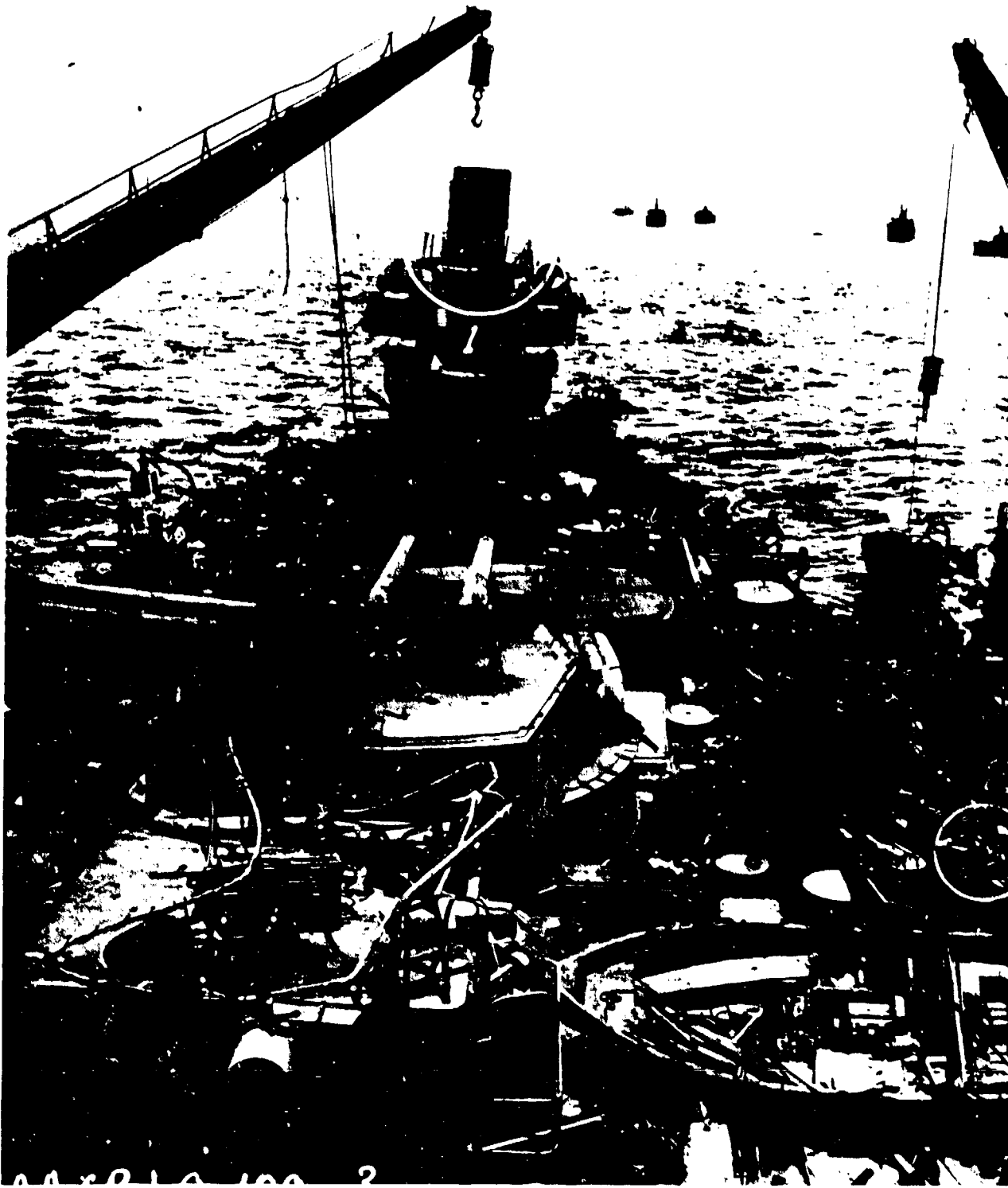
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ANELVAS (P-38) - Antenna and
Antenna of Fire Control System, Deck,
Deck 10, Mod. 4 (Forward Superstructure).
Showing the hydro- and other antenna
terminals. Distorted antenna reflection.
Photo. No. ANSR 64-180-1.

SECRET

Enclosure (D) to Director Ship's Terminal Report.



U.S.S. ARKANSAS (BB-33) - After Able
Main Mast - Showing (1) the tilted roller path
of the Gun Director, Mk. 50, and (2) the wreckage
of the associated Fire Control Radar Equipment,
Mk. 10, Mod. 5, on the main deck port side of
Turret #5.
Photo. No. AA-CR-60-150-3.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. ARKANSAS (BB-33) - After Able
Fire Control Radar Equipment, Mk. 10, Mod. 5,
Serial 205.
Location - frame 45, 05 deck, centerline, forward.
Showing broken base of supporting pedestal and
torn reflector surfaces.
Photo. No. AA-CR-125-2036-1.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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U.S.S. ARWING (DD-91) - Anti-air
Plane Control and Radar Unit, etc.,
Model No. Serial No. etc. etc. etc.
Item 45, of deck, etc. etc. etc.
Showing location of etc. etc. etc.
Photo No. 100-100-100-100.

SECRET

Enclosure (a) to Director Ship Potential Control.



BU BORD
SHIP 6633
SHIP 4 7/14
DASH Factor
MKZ
Fwd

ENCLOSURE

Enclosure (3) to Director S. H. ...



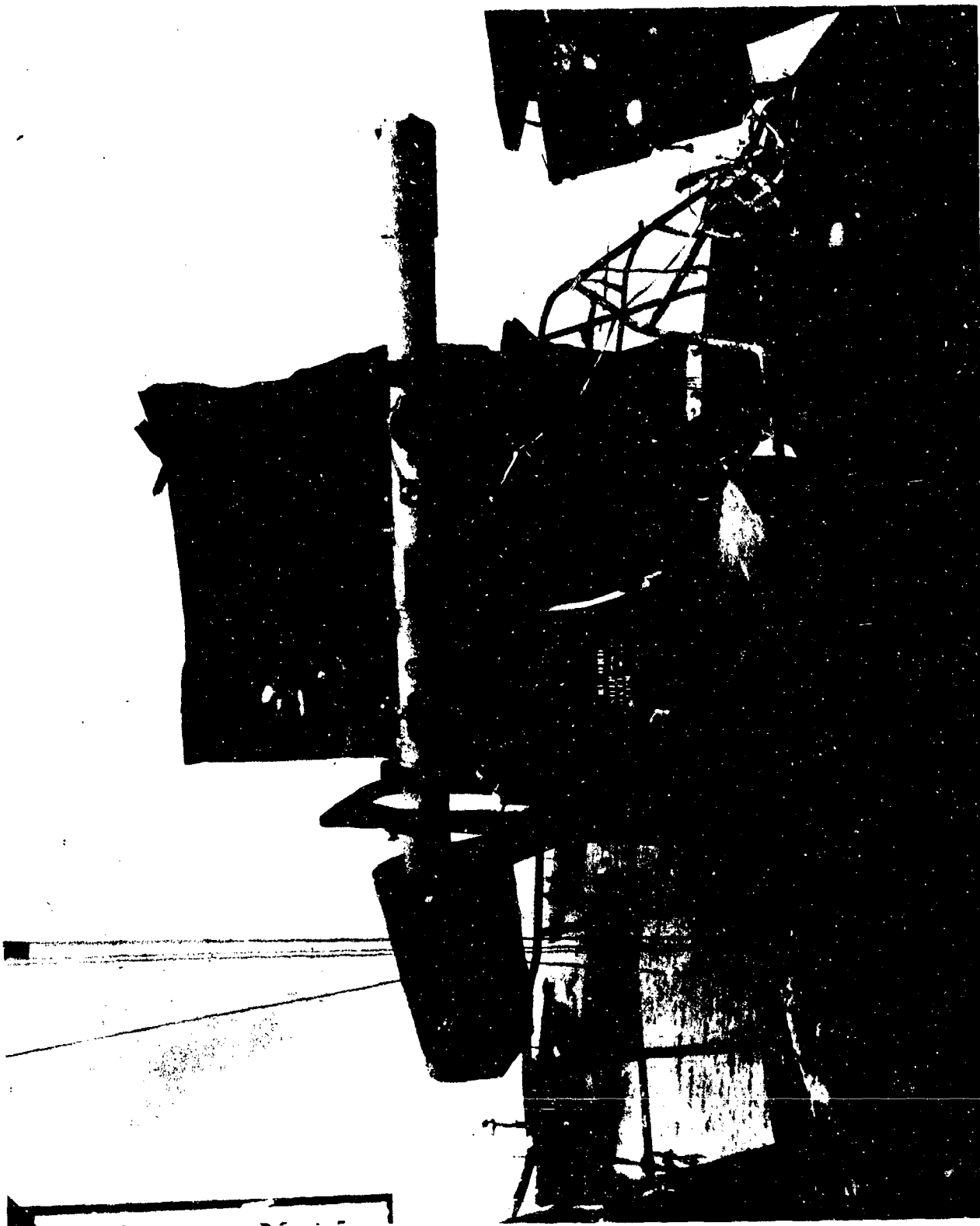
U.S.S. ARKANSAS (BB-33) - After Able
Rangefinder, Mk. 54, Mod. 0, Serial No. 6.
Located on port altimeter platform deck.
Showing the remains of the demolished shield of the
rangefinder, Mk. 35; torn lagging on the range finder;
one seat bent and one missing; and the rangefinder
elevated beyond its mechanical limits.
Photo. No. AA-CR-125-2036-4.

SECRET

Enclosure. (D) to Director Ship Material Serial 001500.

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U.S.S. ARKANSAS (BB-33) - After Able
Rangefinder, Mk. 54, Mod. O, Serial 8.
Located on the starboard side of the altimeter
platform deck.
Showing the remains of the demolished shield of
the rangefinder, Mk. 35, and one operator's seat
missing and one bent.
Photo. No. AA-CR-125-2036-5.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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4717



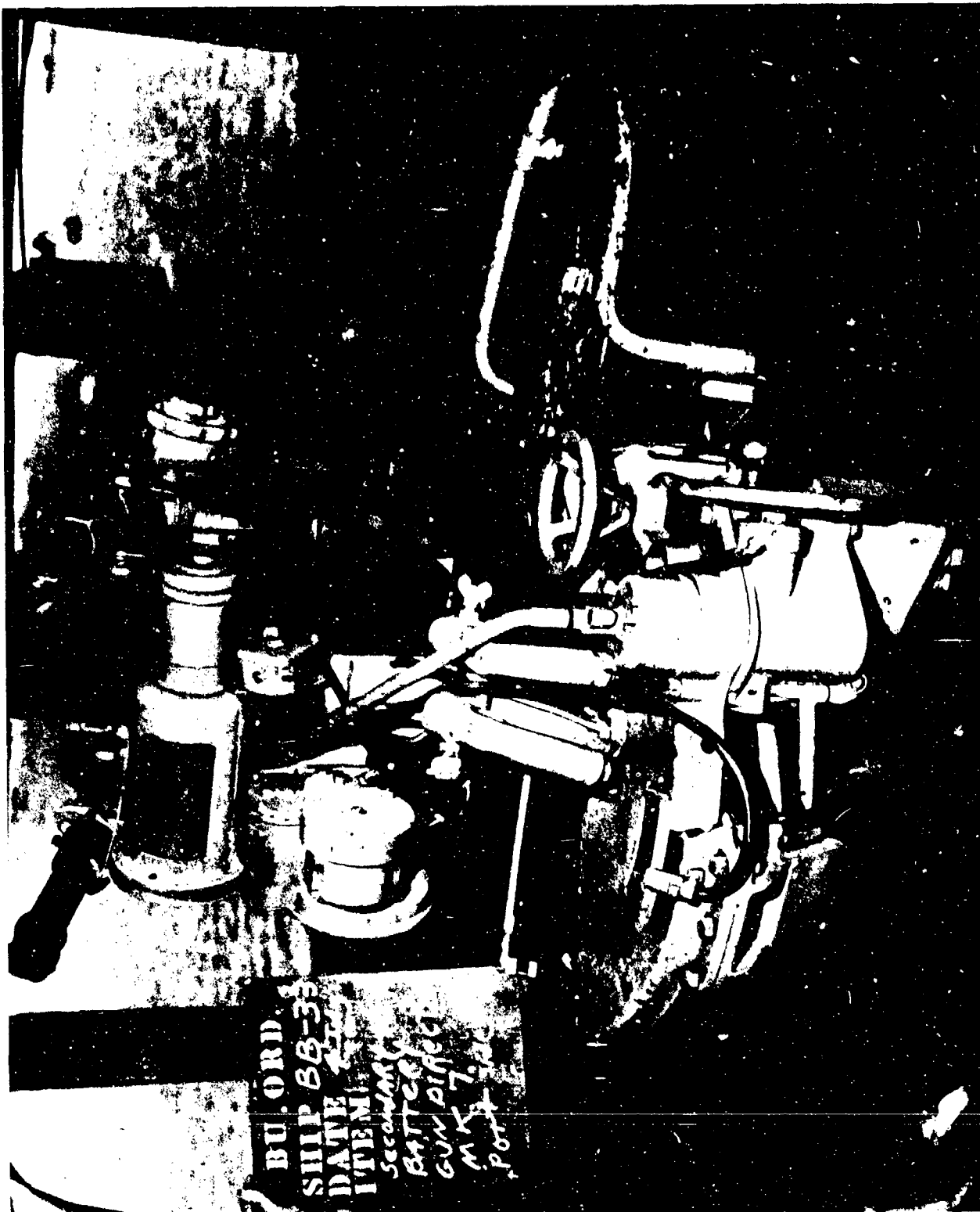
U.S.S. ARKANSAS (BB-33) - After Able
Antenna mount for antenna of the Fire Control
Radar Equipment, Mk. 3, Mod. 1, Serial No. 49.
(location 04 deck, frame 51-1, Combat 2.)
Showing fragments of cast light-metal alloy
supporting members.
Photo. No. AA-CR-125-2036-6.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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4212

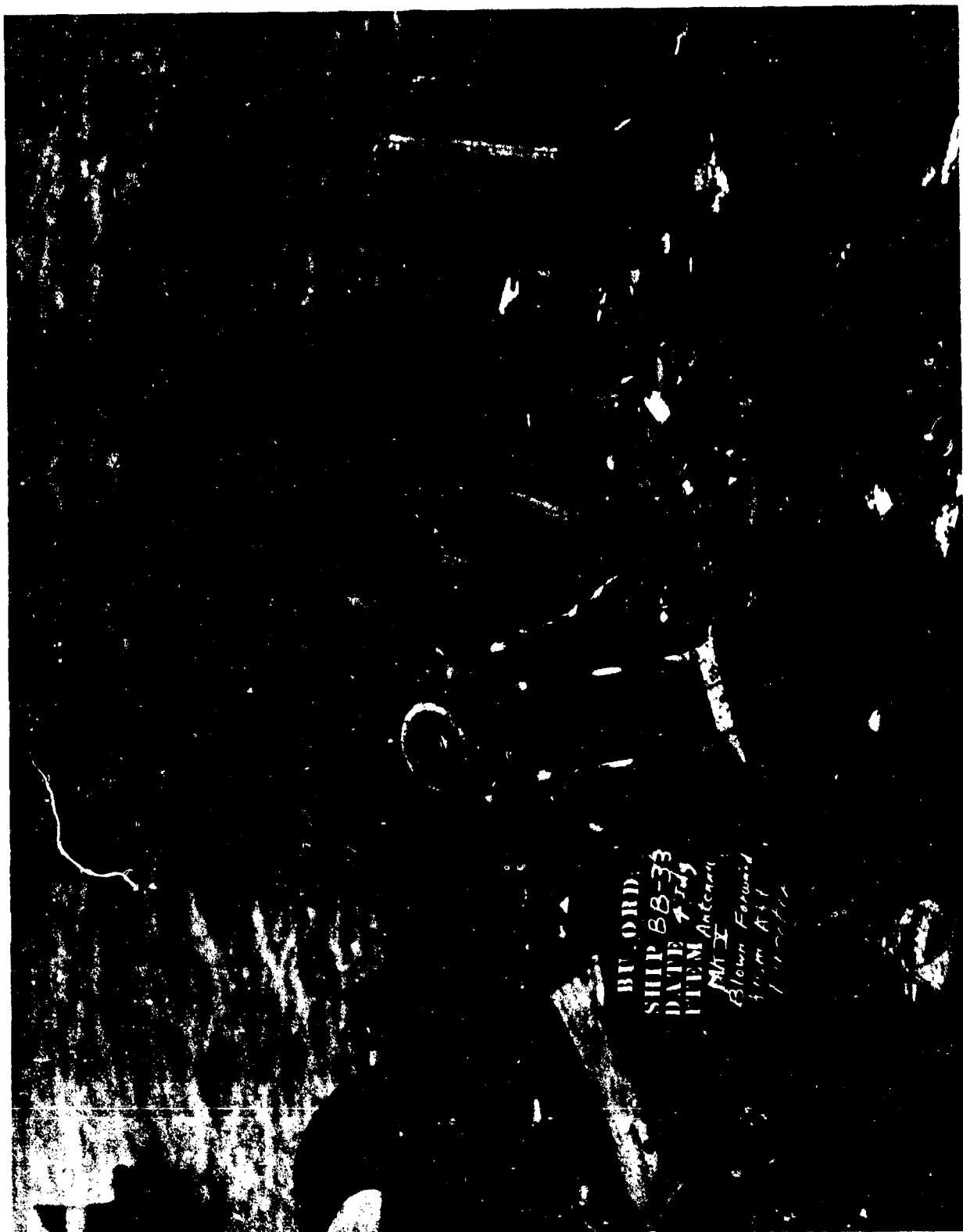


BU. ORD.
 SHIP BB-33
 DATE
 ITEM
 Secondary
 Battery
 Gun Dir
 Mk 7
 Port

U.S.S. ARKANSAS (BB-33) - After Able
 Gun Director, Vickers AA, Mk. 7, Mod. 3,
 Serial No. 2, location - Secondary forward, port side.
 Showing parted electrical cables, broken turntable
 and the shattered glass over the dial group of the
 heavily damaged Mk. 2, Mod. 0, Serial No. 216
 Ford rangekeeper.
 Photo. No. AA-CR-125-2036-7.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



BU ORD.
SHIP 88-33
DATE 7-1-54
ITEM Antenna
Mt. I
Blown Forward
from Ast
1-1-54

U.S.S. ARKANSAS (AR-56) - After Able
Radar Antenna, 43 AAK, for Fire Control
Radar Equipment, Mk. 10, Mod. F, Serial
No. 59. Location - 05 deck, frame 107,
centerline aft (top of mainmast). Showing
broken support and structural light-metal
alloy castings, and torn reflector.
Photo. No. AACK 175-2068-8.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

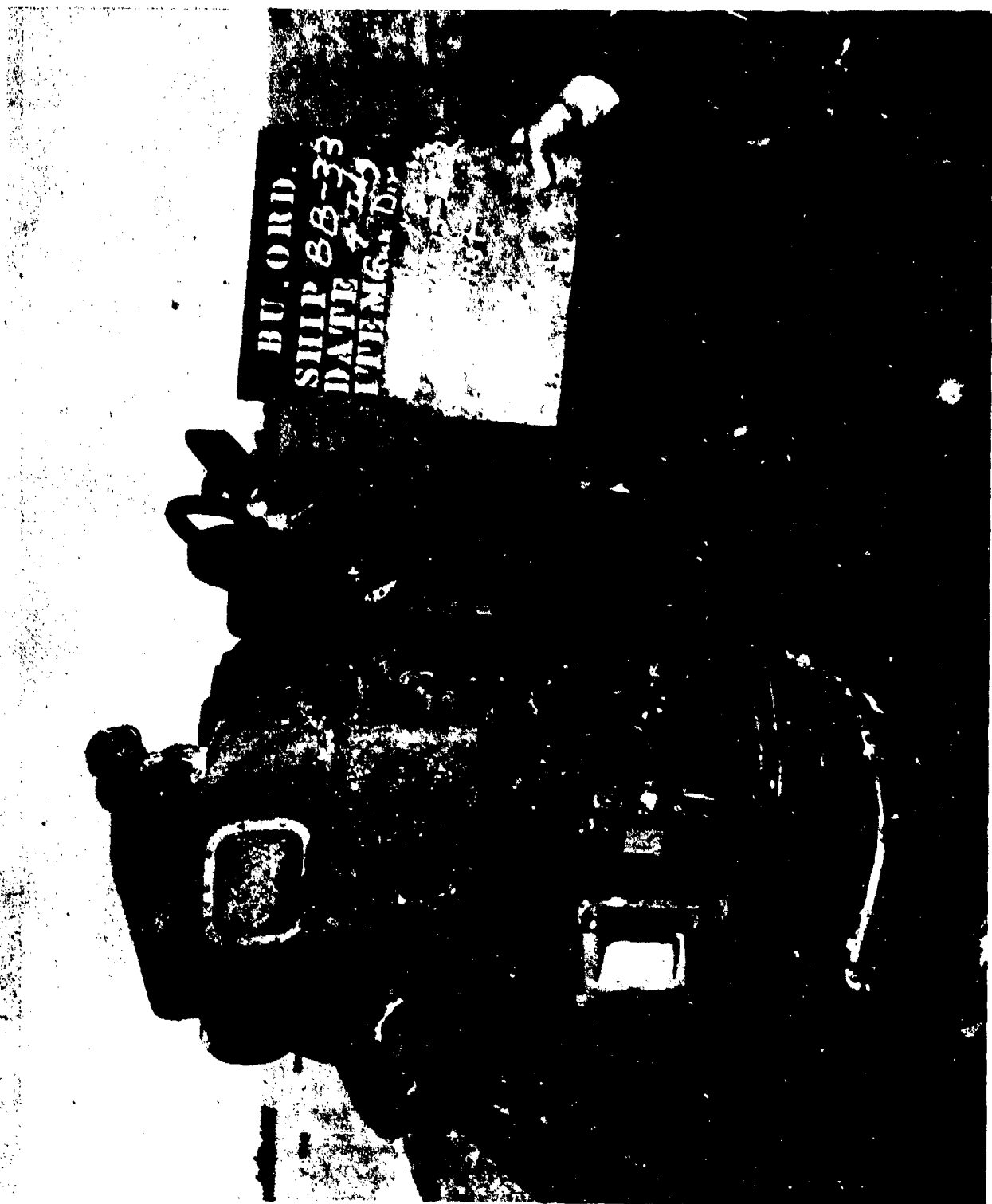


U.S.S. ARKANSAS (BB-33) - After Able
Antenna base for Fire Control Radar Equipment,
Mk. 10, Mod. 5, Serial No. 59.
Location - O5 deck, frame 101, centerline, aft
(top of mainmast).
Showing broken base structure and parted cables.
Photo. No. AA-CR-125-2036-9.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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U.S.S. ARKANSAS (BB-33) - After Able
Gun Director, Mk. 51, Mod. 3, Serial 11742, and Gun
sight, Mk. 15, Mod. 2, Serial No. 587.

Location - air defence aft, port.

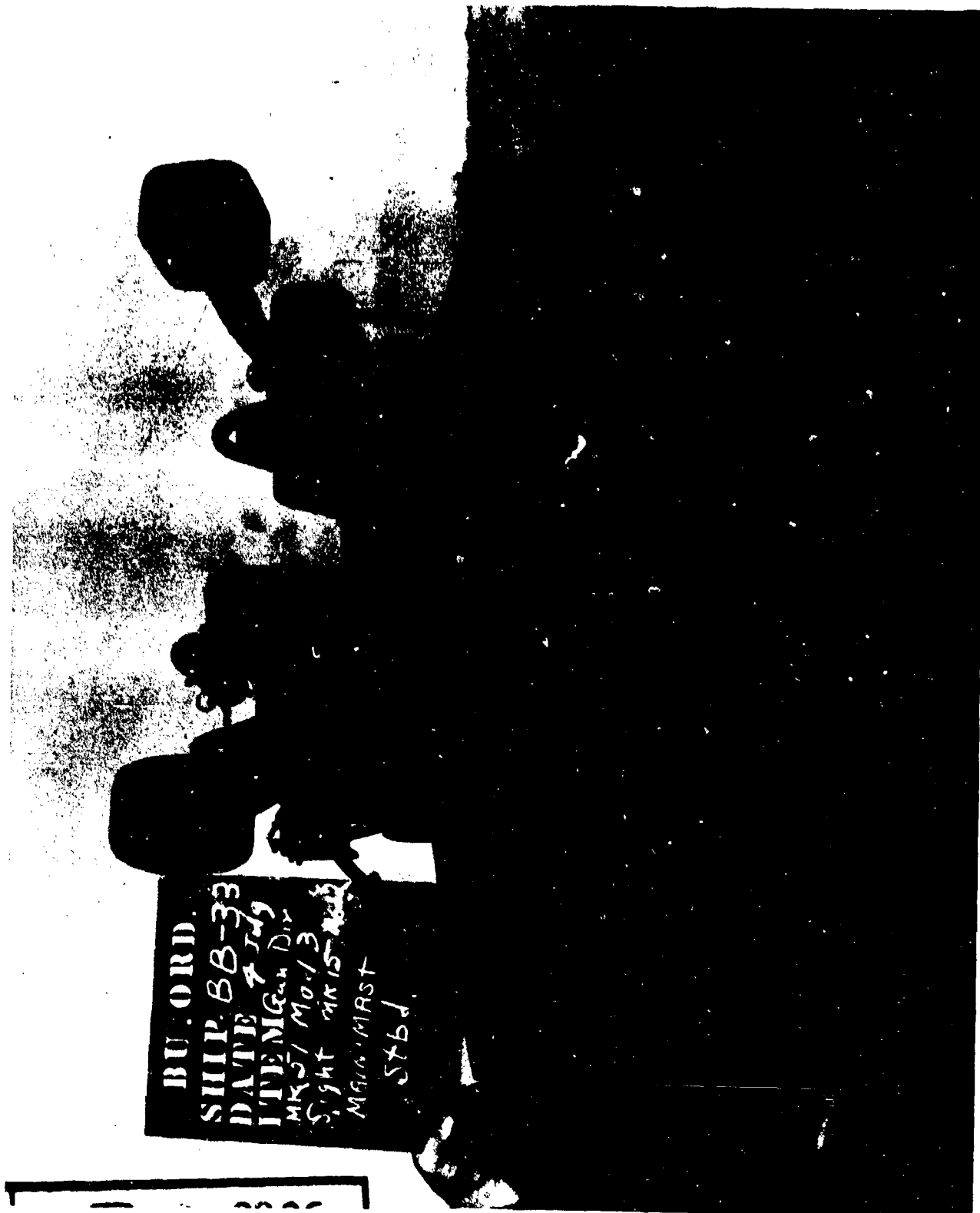
Showing broken and burned electrical cables, left counter-
balance weight missing, mounting bracket for missing pump
unit, broken fittings on air hose and pipe connections,
burned paint on the gun sight, bent-in shield restricting
movement of the director in train, and gun sight window
shattered by heat.

Photo. No. AA-CR-125-2036-10.

Enclosure. (D) to Director Ship Material Serial 001500.

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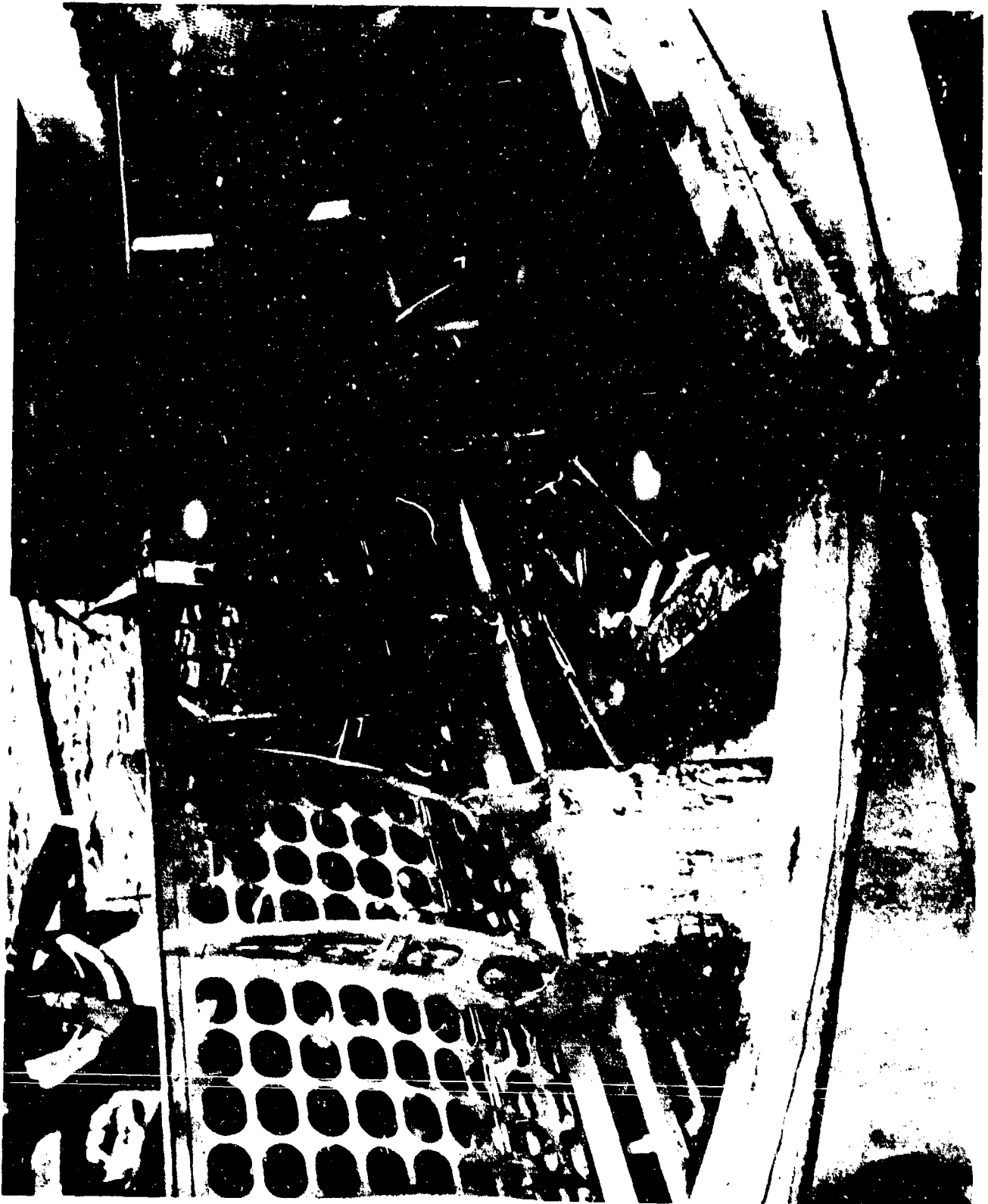
4222



U.S.S. ARKANSAS (BB-33) - After Able
Gun Director, Mk. 51, Mod. 3, Serial No. 11747,
and Gun Sight, Mk. 15, Mod. 2, Serial No. 275,
located in Air Defense aft, starboard.
Showing broken air-hose from pump to sight, burned paint
on director pedestal, and bent shield restricting
movement of the director in train and elevation.
Photo. No. AA-CR-121-2000.

SECRET

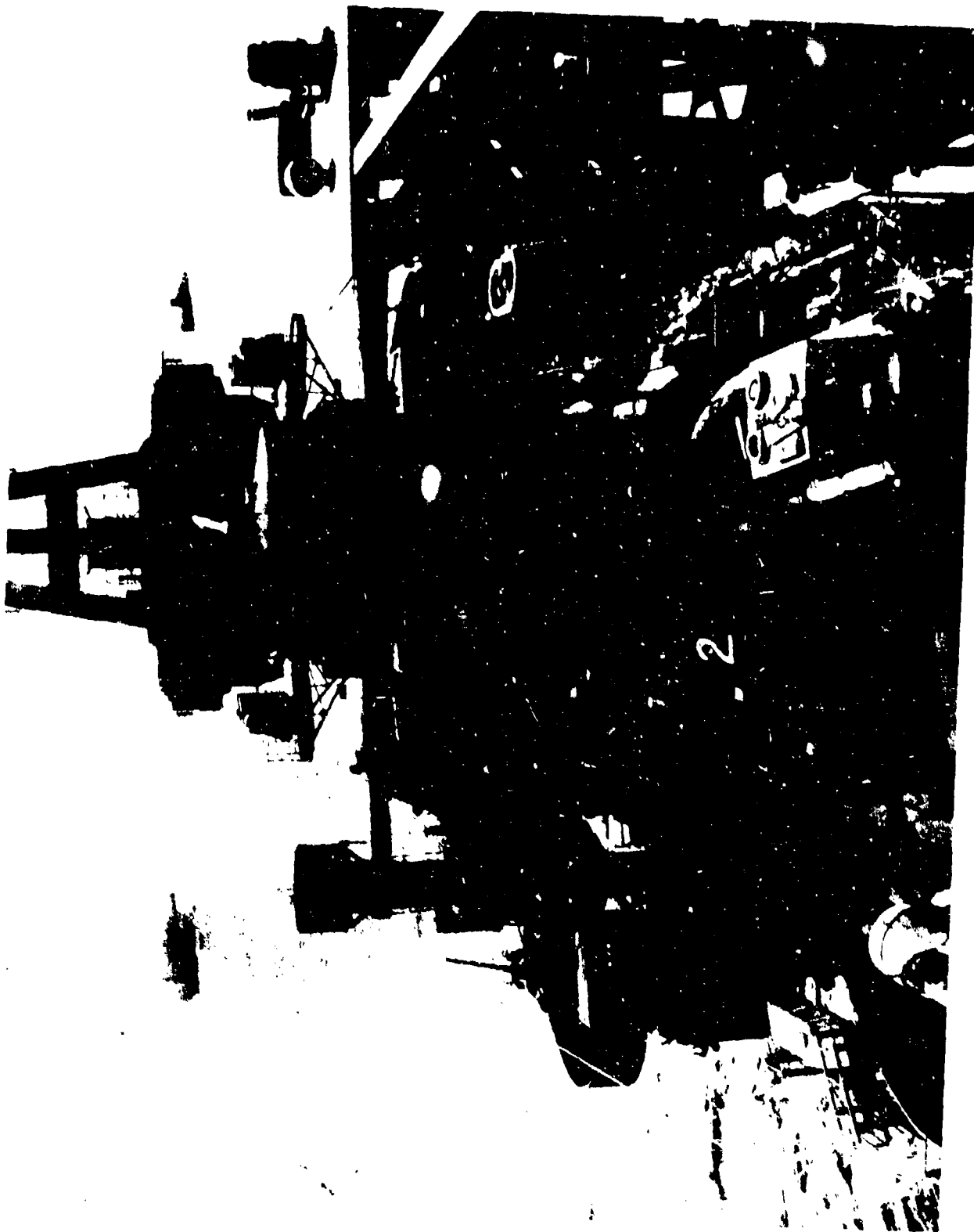
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEW YORK (BB-34) - After Able
Antenna of Fire Control Radar Equipment, Mk. 3,
Mod. 1, Serial No. 32, located atop the after main
battery director housing, showing the broken members
of the reflector support structure. The antenna
is lying on the main deck.
Photo. No. AA-CR-71-2044-1.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEW YORK (BB-34) - After Able
Base for Radar Antenna of Fire Control Radar
Equipment, Mk. 3, Mod. 1, Serial No. 32 located
atop the after main battery director housing,
showing the height of fall ((1) to (2)) of the
antenna to the main deck.
Photo. No. AA-CR-71-2044-2.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



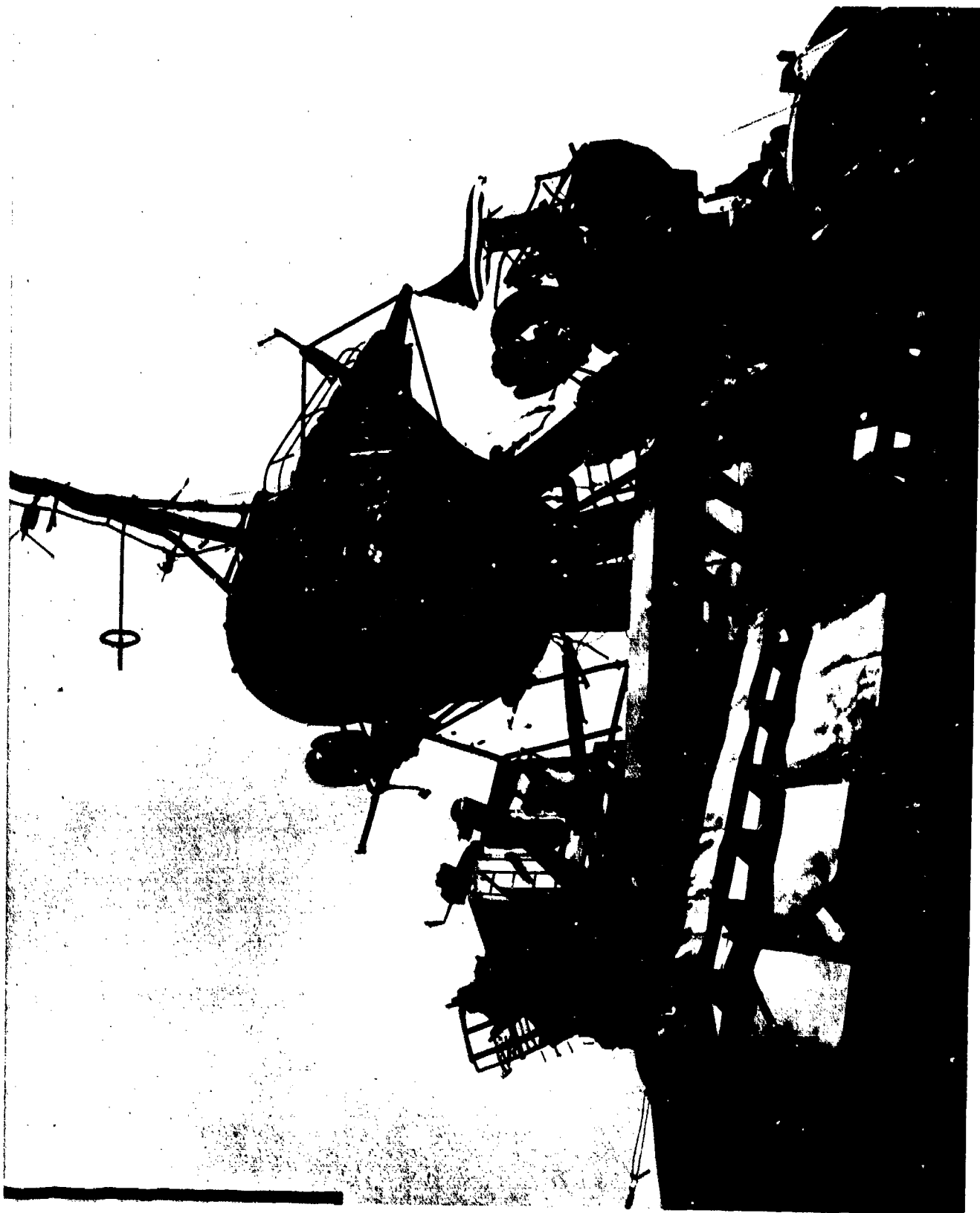
U.S.S. MIN YORK (SP-34) - After Able
Radar Antenna for Fire Control Radar Equipment,
Mk. 10, Mod. 5, Serial No. 34, located atop the
Gun Director, Mk. 50, aft, showing the surface of the
plexiglas antenna cover damaged by heat.
Photo. No. AA-CR-71-2044-3.

S E C R E T

Enclosure (D) to Director Ship Material Serial OC1500.

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U.S.S. NEVADA (BB-33) - After Attack.
Gun Director, Jan. 27, 1941,
showing general area of main gun turret
superstructure damage.
Photo. No. A-12 60-13741.

RECEIVED

Enclosure (D) to Director Ship Material Series 001500.

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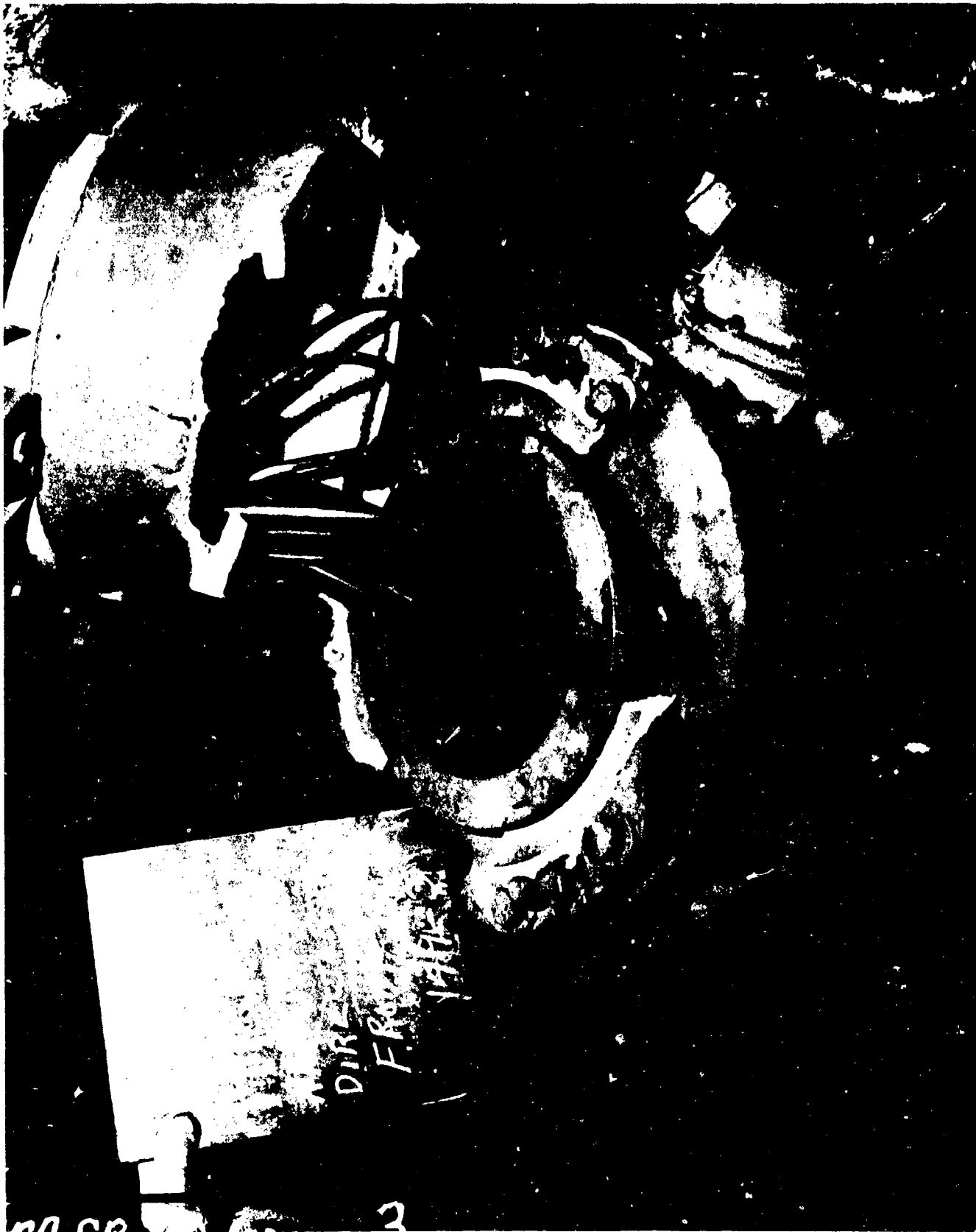
4212



U.S.S. NEVADA (BB-36)-After Able.
Spot II showing general damage to
main top and radar antenna.
Photo.No. AACR 60-147-2.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEVADA (BB-36) - After Able.
Gun Director, Mark 20, Mod. 3, (Main
Top), showing the broken pedestal.
Photo. No. AA3R 20-149-3.

SECRET

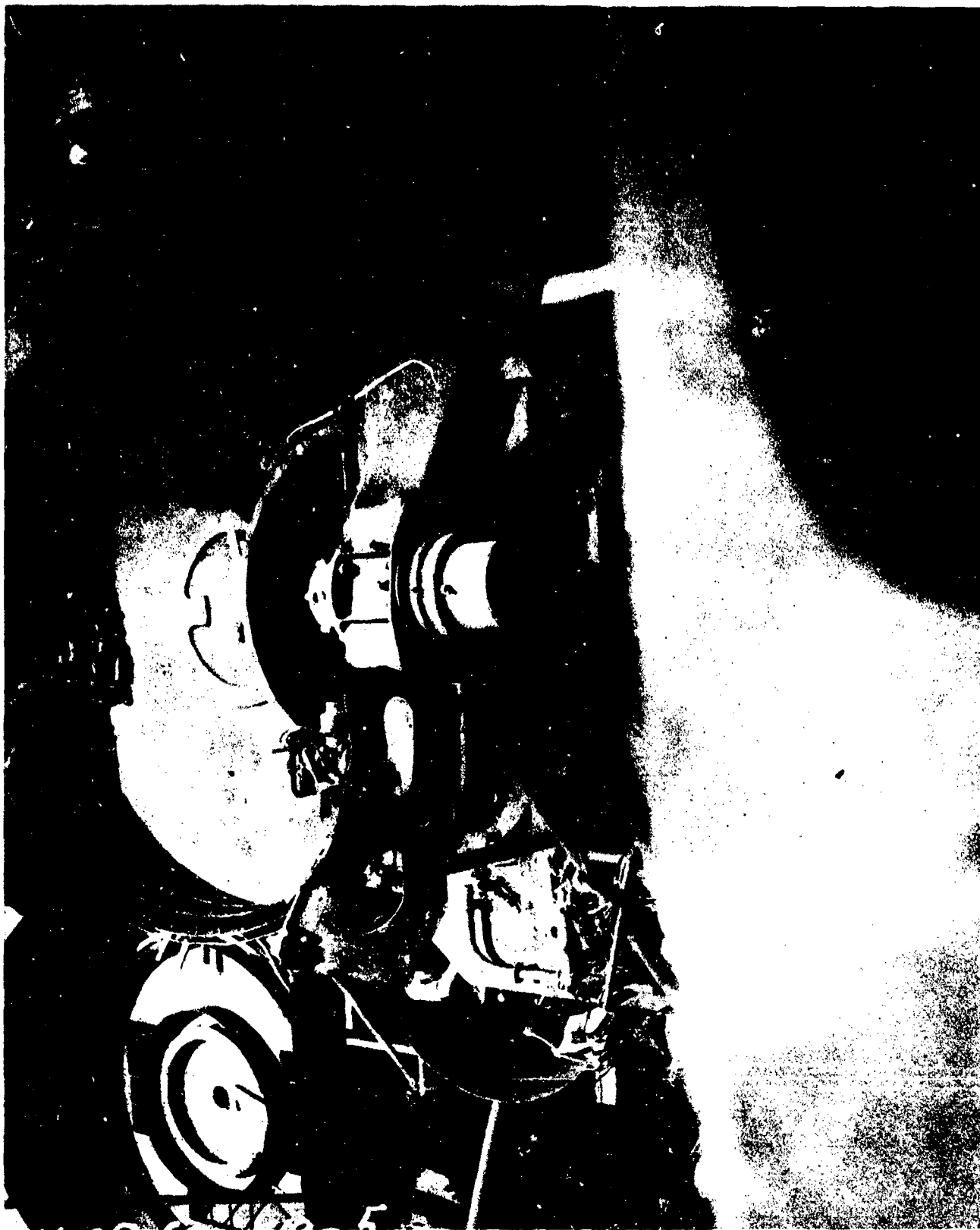
Enclosure (2) to Director Ship Material Serial 001500.



U.S.S. NEVADA (BB-39) - After Action.
Gun Director, Mark 20, Mod. 3, (Main-
Top) showing the director being tested
the splinter shield.
Photo. No. NA30 60-119-4.

SECRET

Enclosure (D) to Director Ship Interior Serial 119-4.



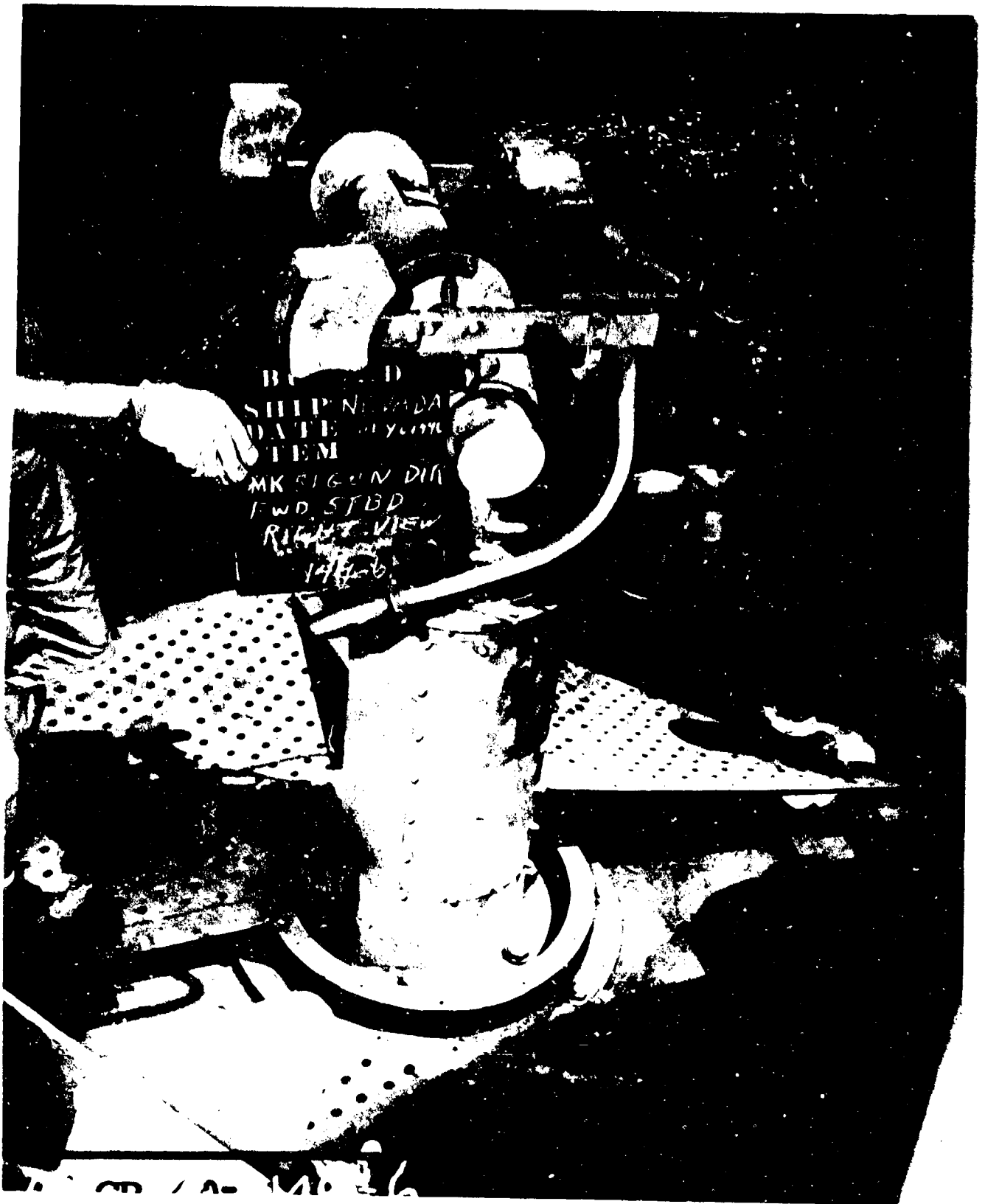
U.S.S. NEVADA (EP-36) - After Able.
Mark 12 Radar Antenna Mount showing
the twisted and torn main cross-level
support beam.
Photo. No. AACR 60-149-3.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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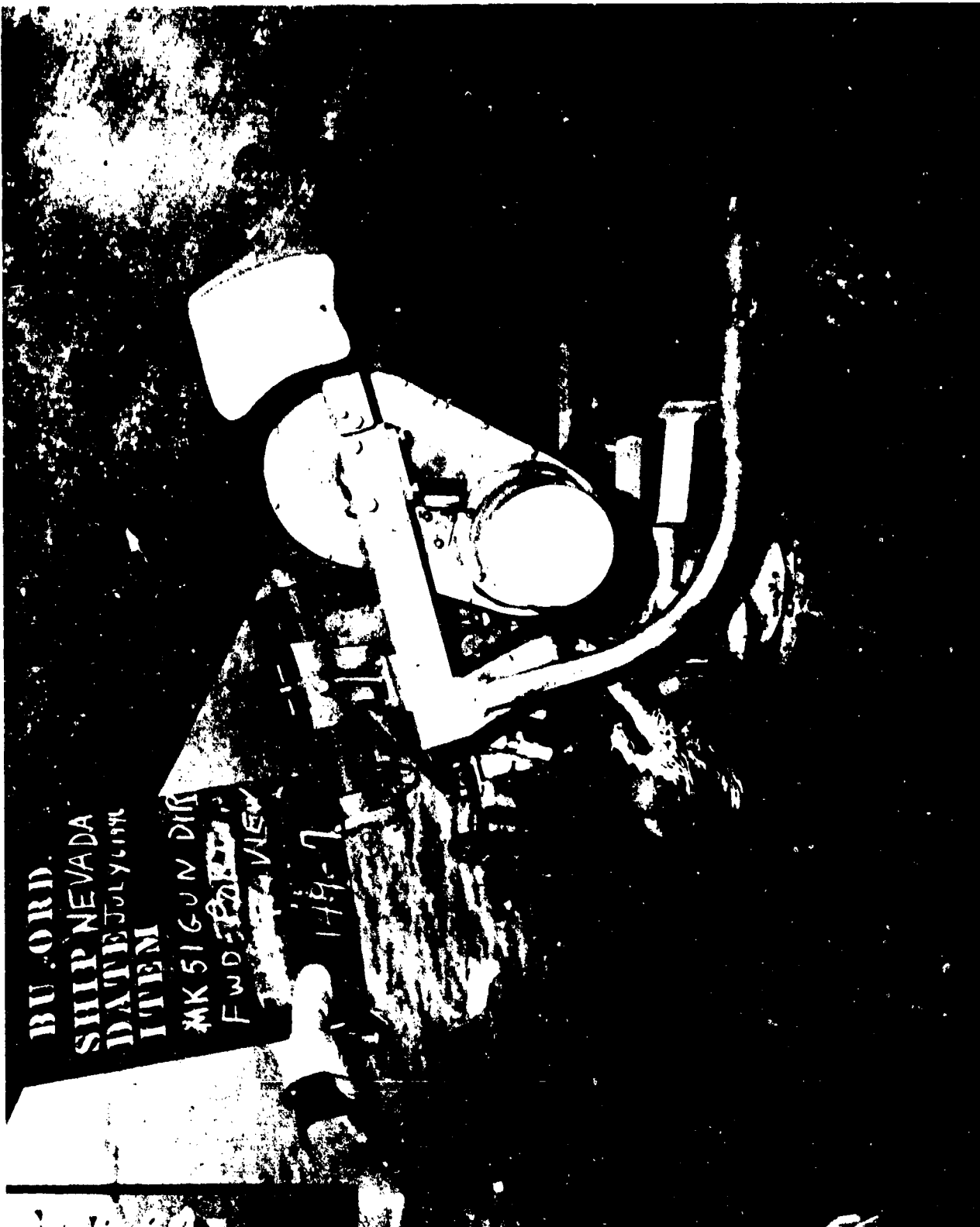
U.S.S. PENSACOLA - CA24 - After Able
Gun Director, Mark 51, Mod. 2, Gun
Sight, Mark 14, Mod. 8, (Stbd. For-
ward). Showing scorched paint and
charred spot knobs.
Photo. No. AACR 60-149-6.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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U.S.S. NEVADA (BB-36) - After Able.
 Gun Director, Mark 51, Mod. 2. Gun
 Sight, Mark 14, Mod. 8, (Forward
 port) showing the broken locking-in
 and the tracking head turned by the
 atmospheric exhaust fire.
 Photo. No. AACR 60-149-7.

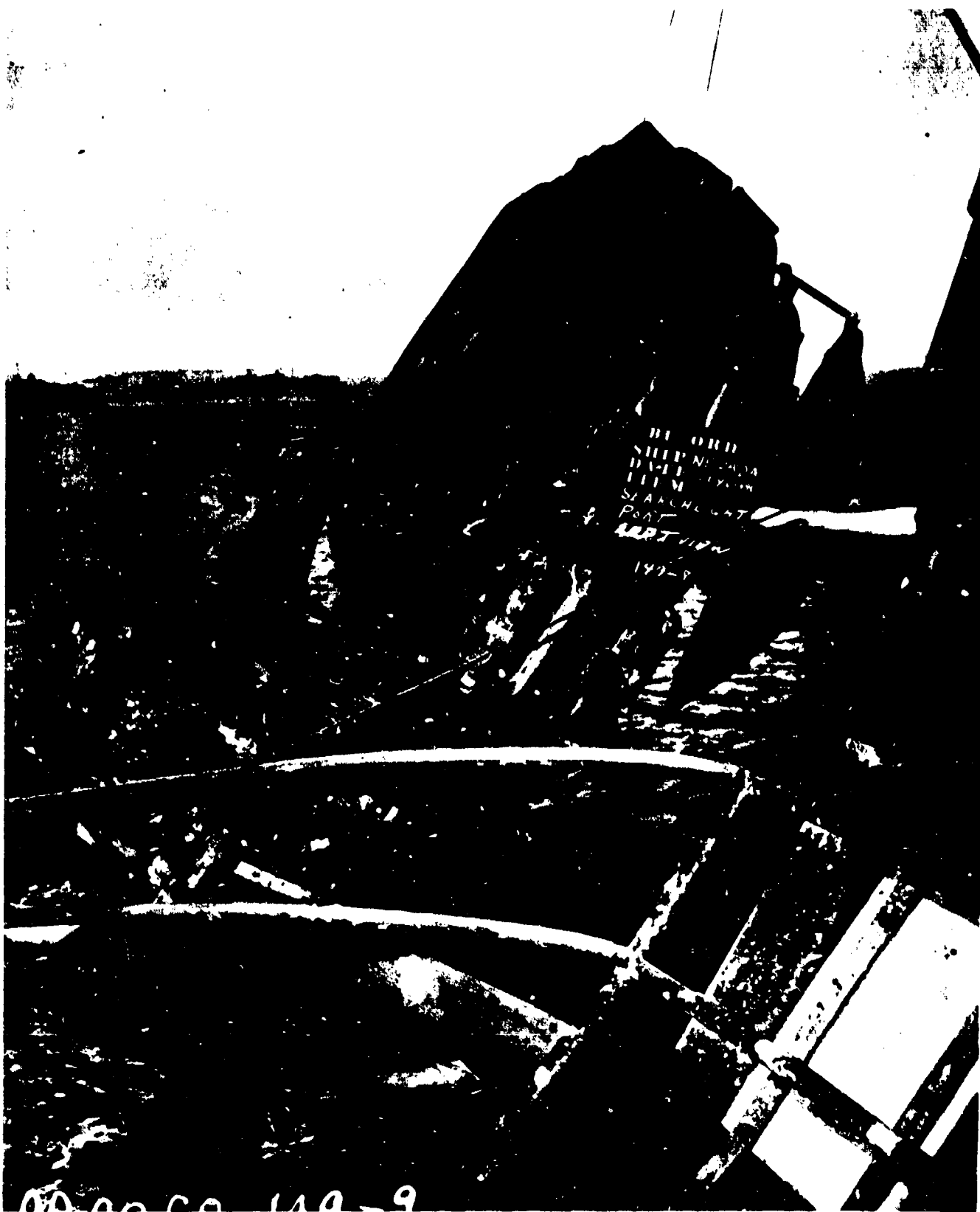
Enclosure (2) to Director Ship Material Series 2021 N.



U.S.S. NEVADA (BB-36) - After Able.
Searchlight Starboard side, showing
the brack mounting brackets of the
searchlight indicators.
Photo. No. AACK 89-149-1.

SECRET

Reference (U) to Director Staff Material Serial 000000.



U.S.S. NEVADA (BB-36) - After Able
Searchlight Indicators (Port searchlight)
showing scorched point and the broken
bracket of the Train Indicator.
Photo. No. AACR 60-149-9.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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U.S.S. NEVADA (BB-39) - After AMB.
Gun Director, Deck 20, Loc 2, (Port Top),
showing forward side of director and
the dishes overhead.
Photo. No. NAON 60-1-3-10.

SECRET

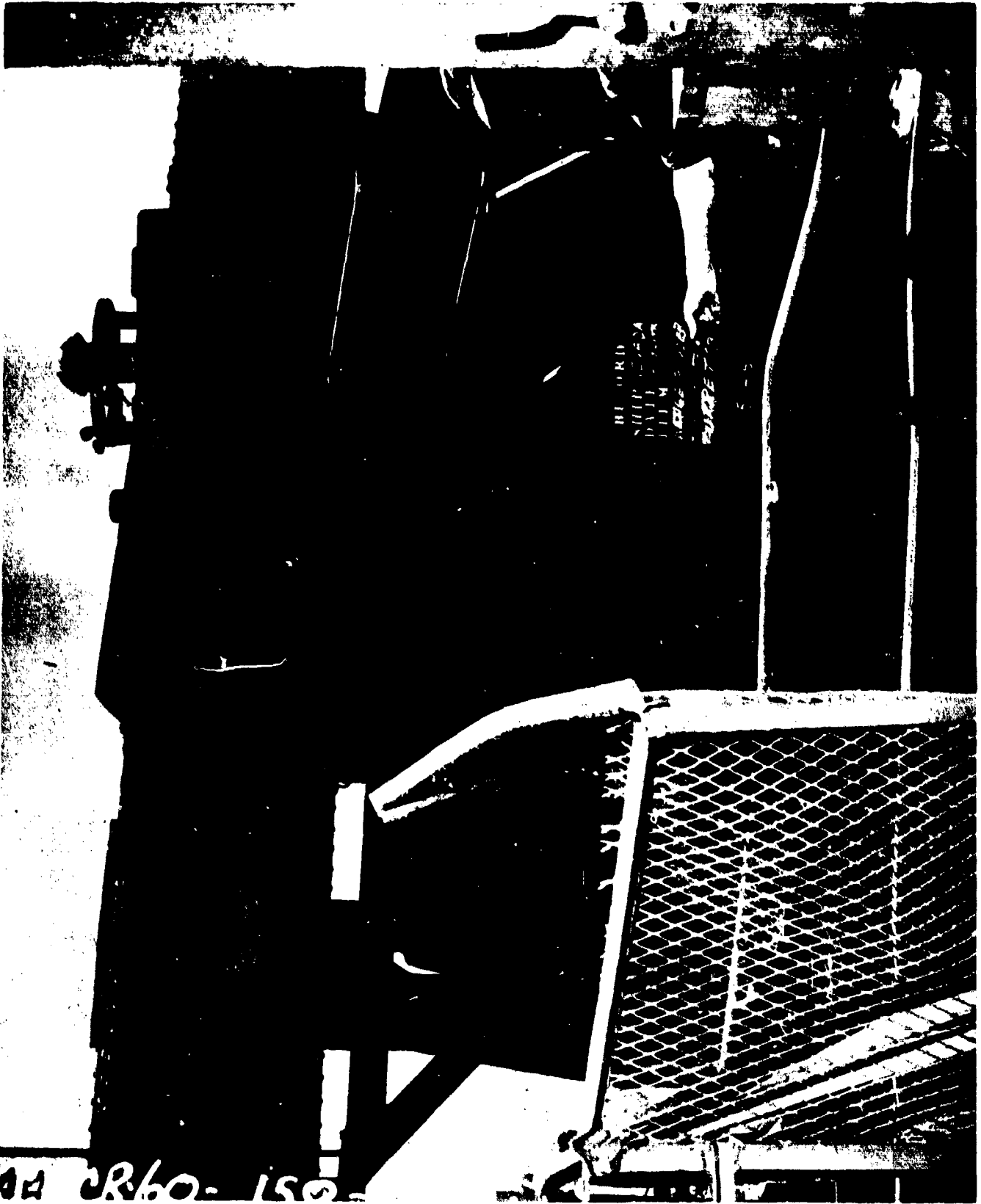
Enclosure (2) to Director Ship Material Serial 11531.

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FIG. 1. (A) - 400 ft. dia. antenna, showing the
structure in detail. The antenna is supported by
a tower, and the antenna is mounted on a
winch cross and support beam.
1950, No. 1, p. 10-11.

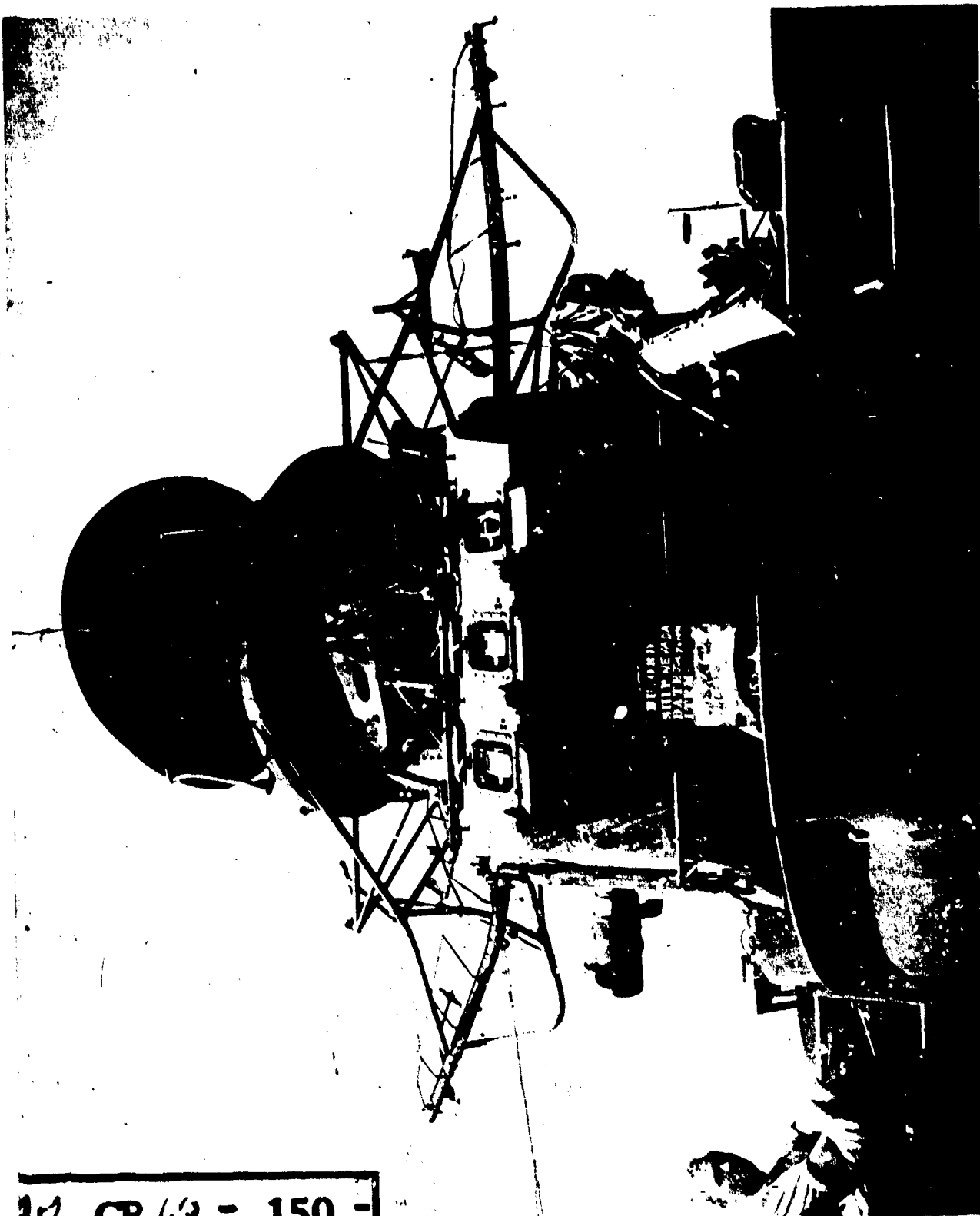


01 CR 60-150

U.S.S. NEVADA (BB-36) - After Able
Rangefinder Housing, Turret #3, showing
torn and distorted rangefinder shield.
Photo. No. AACR 60-150-5.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



12 CR 150 - 150 -

U.S.S. NEVADA (BB-36) - After Able
Gun Director, Mark 37, Mod. 37, and Fire
Control Radar Equipments, Marks 12 and 22,
located in Sky 4 (Aft). Showing the torn legging
on the range finder end-box on the director, and
the twisted and torn antenna crosslevel support
beam and broken pieces of antenna structure of
the radar equipments.
Photo. No. AACR 60-150-6.

SECRET

Enclosure (2) to Director Ship Material Serial 001500.

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U.S.S. NEVADA (BB-39) - After Air
Fire Control Radar Equipment, Room 10,
Deck 9, located on the upper Gun Director,
Mark 37. Showing scorched and charred
polystyrene dipole covers, twisted and torn
antenna structure, and broken coaxial
transmission lines.
Photo. No. ANCA 90-150-7.

SECRET

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U.S.S. NEVADA (BB-36) - After Able.
Gun Director, Mark 37, Mod. 37 (Sky 4),
showing the broken Slewing sight casting.
Photo No. AACR 60-150-8

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEVADA (BB-36) - After Able.
Rangefinder, Mark 42, Mod. 12, (Sky 4),
showing parts of the defroster heater
missing.
Photo.No. AACR 60-150-9.

SECRET

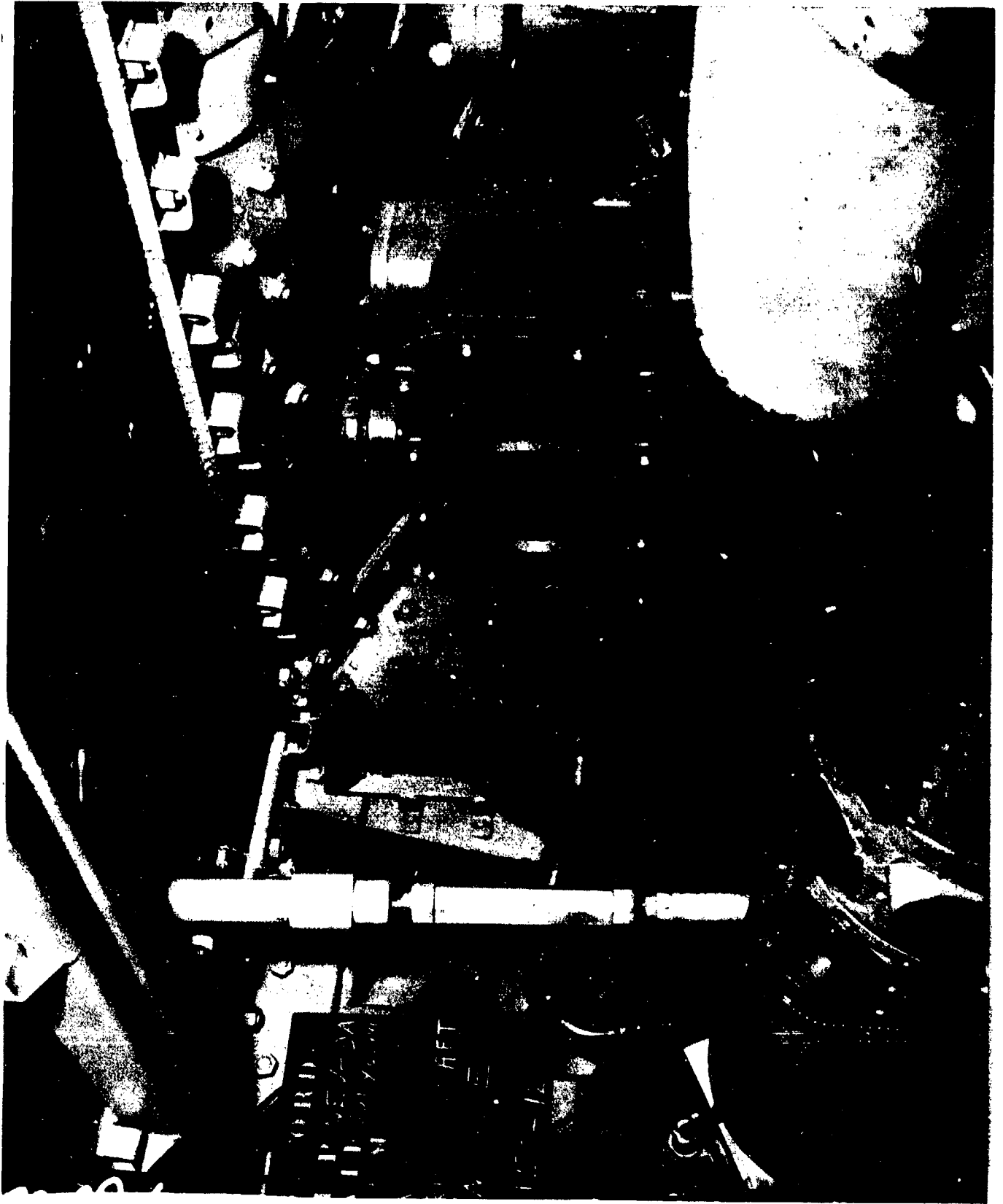
Reference (D) to Director Ship Material Serial 001500.



U.S. NEVADA (BB-30) - After Able.
Gun Director, MK 37, No. 37, (3rd 4),
showing the distorted weather seal.
Photo. No. AACR 80-150-10.

24242

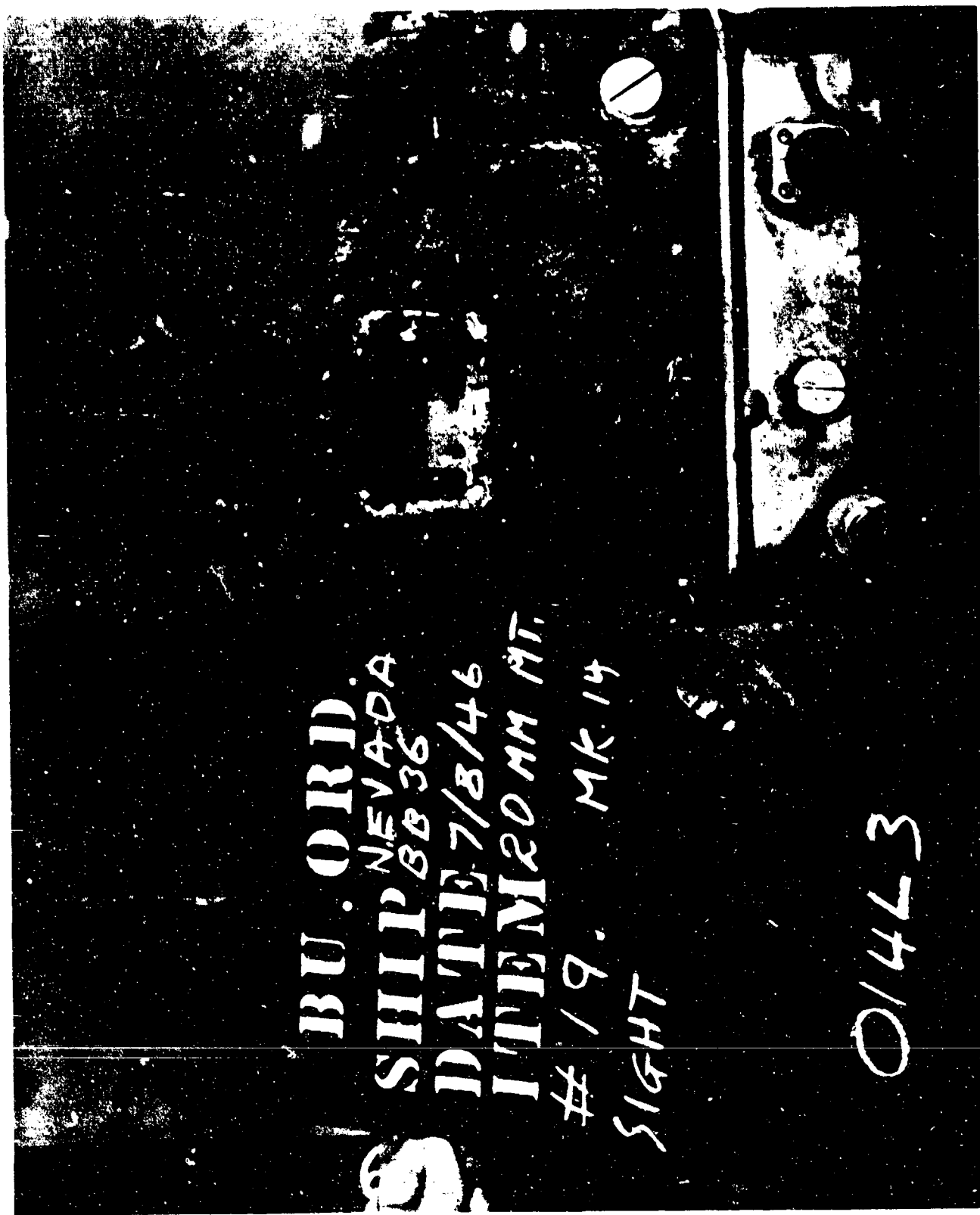
Signature (D) to Director Ship Material Serial 150-10.



U.S.S. NEYADA (BB-38) - After Able.
Gun Director, Mark 37, Mod. 37, Sky 4,
showing ruptured rangefinder bloomer.
Photo. No. AACR 50-150-12.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEVADA (BB-36) - After Able
Gunsight, Mk. 14, Mod. 6
(20 MM Gun #19)
Showing broken rear window, discolored interior
mechanism, and scorched paint.
Photo. No. AA-CR-97-1535-6.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



ACR 234-1992-4

U.S.S. NEVADA (BB-36) - After Able.
Radar Antenna, Mark 12, Af' showing
twisted dipoles, scorched and shriveled,
dipole covers and distorted antenna
framework and broken coaxial transmission lines.
Photo.No. AOCR 234-1992-4.

SECRET

Enclosure (2) to Director Ship Material Serial 001500.

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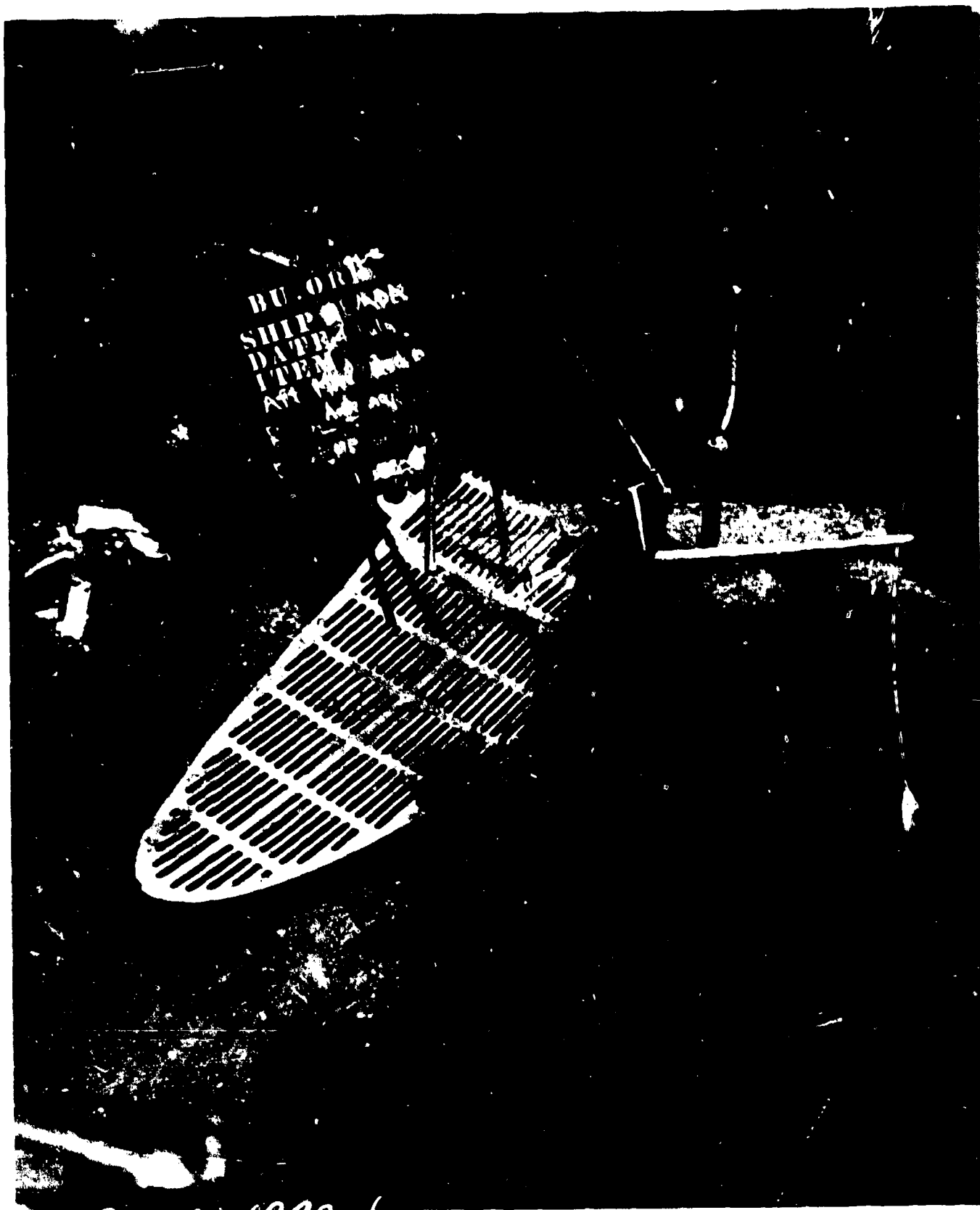


U.S.S. NEVADA (BB-36) - After Able.
Radar Antenna, Mark 12, Aft. Showing
torn and distorted main crosslevel
support beam.
Photo. No. AACH 234-1992-5.

ENCLOSURE

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U.S.S. NEVADA (BB-36) - After Aft
Radar Antenna, Mark 22, Aft, showing
broken reflector.
Photo. No. AACR 234-1992-6.

S E C R E T

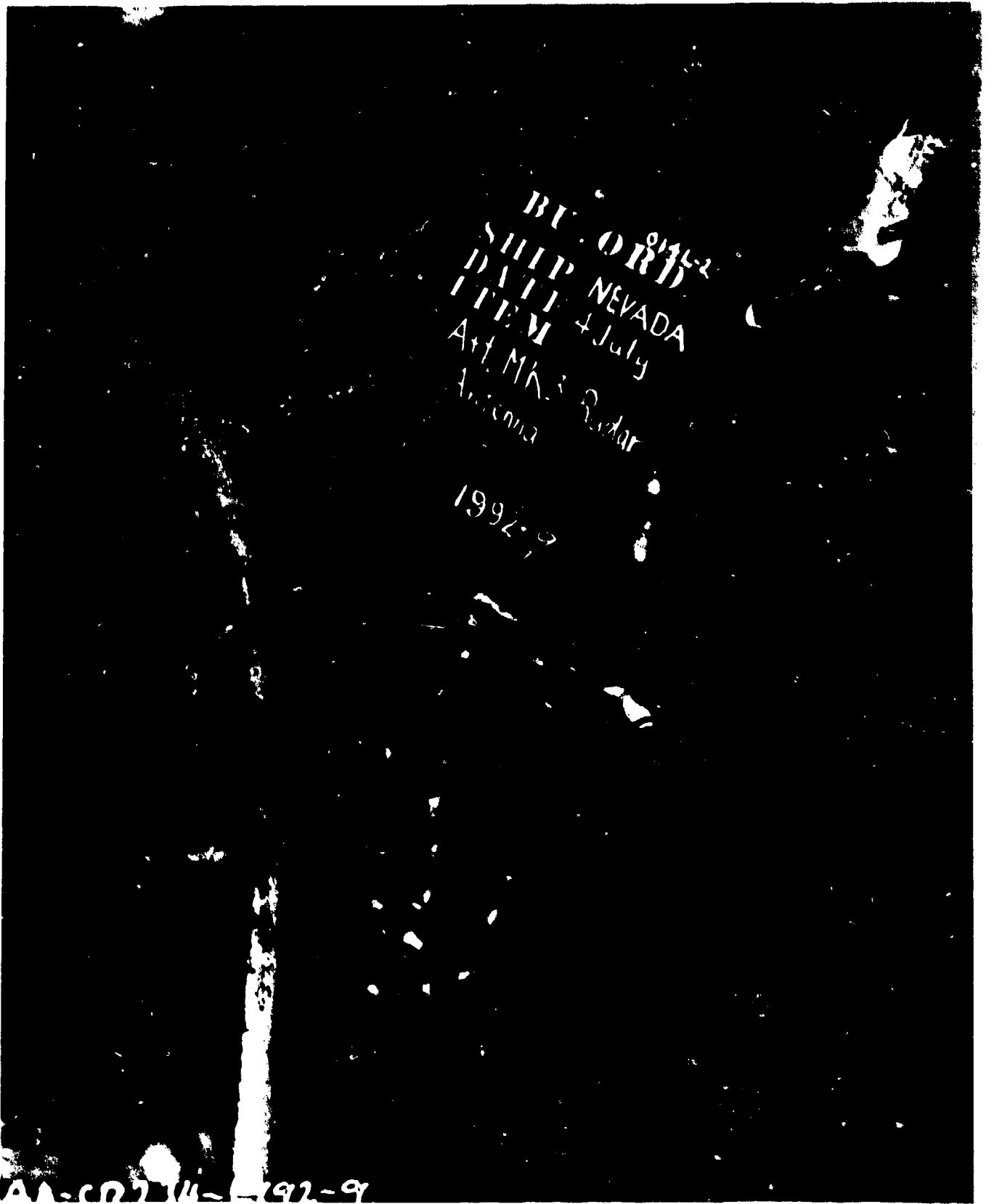
Enclosure (D) to Director Ship Material Serial 001570.



U.S.S. NEVADA (BB-36) - Aft of Aft.
Radar Antenna, Mark E, Aft, showing
broken antenna support members.
Photo.No. AICR 264-1907-S.

SECRET

Enclosure (D) to Director Ship Material Serial 031800.



U.S.S. NEVADA (BB-36) - After ABIC
reconstruction, rank II, alt.
... ..
... ..
... ..

SECRET

Enclosure (D) to Director's Report to Sec...



U.S.S. NEVADA (BB-36) - After Able.
Radar Antenna, Mark 12/22, Forward.
Showing broken and twisted main cross-
level support beam, twisted and torn
level trunnion support beams, torn and
distorted reflector surfaces, and
twisted antenna reflector support members.
Photo. No. AACR 234-1992-11.

S E C R E T

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U.S.S. NEVADA (BB-36) - After Ablc.
Radar antenna, Mark 28, Forward.
Showing folded reflector and bent
antenna feed.
Photo.No. ANP 274-1912-12.

S E C R E T

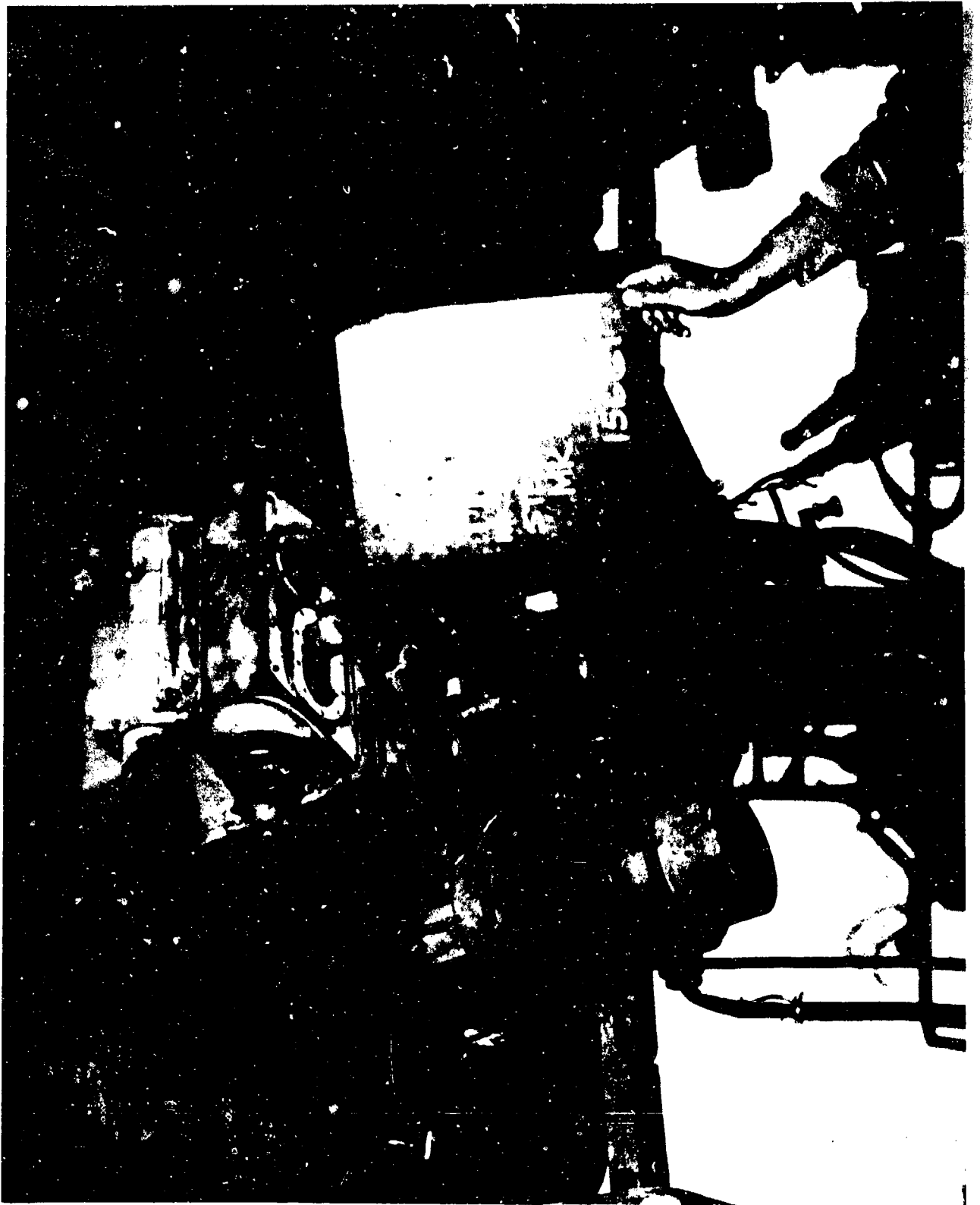
Enclosure (D) to Director S.I. Material Serial 201100.



U.S.S. PENNSYLVANIA (BB-38) - After Able
Antenna, Fire Control Radar Equipment, Mk. 28,
Mod. 2, Serial No. 262, located on the after
port GPCS, Mk. 63.
Showing displaced end-cap of plastic protective cover.
Photo. No. AA-CR-60-1556-10.

SECRET

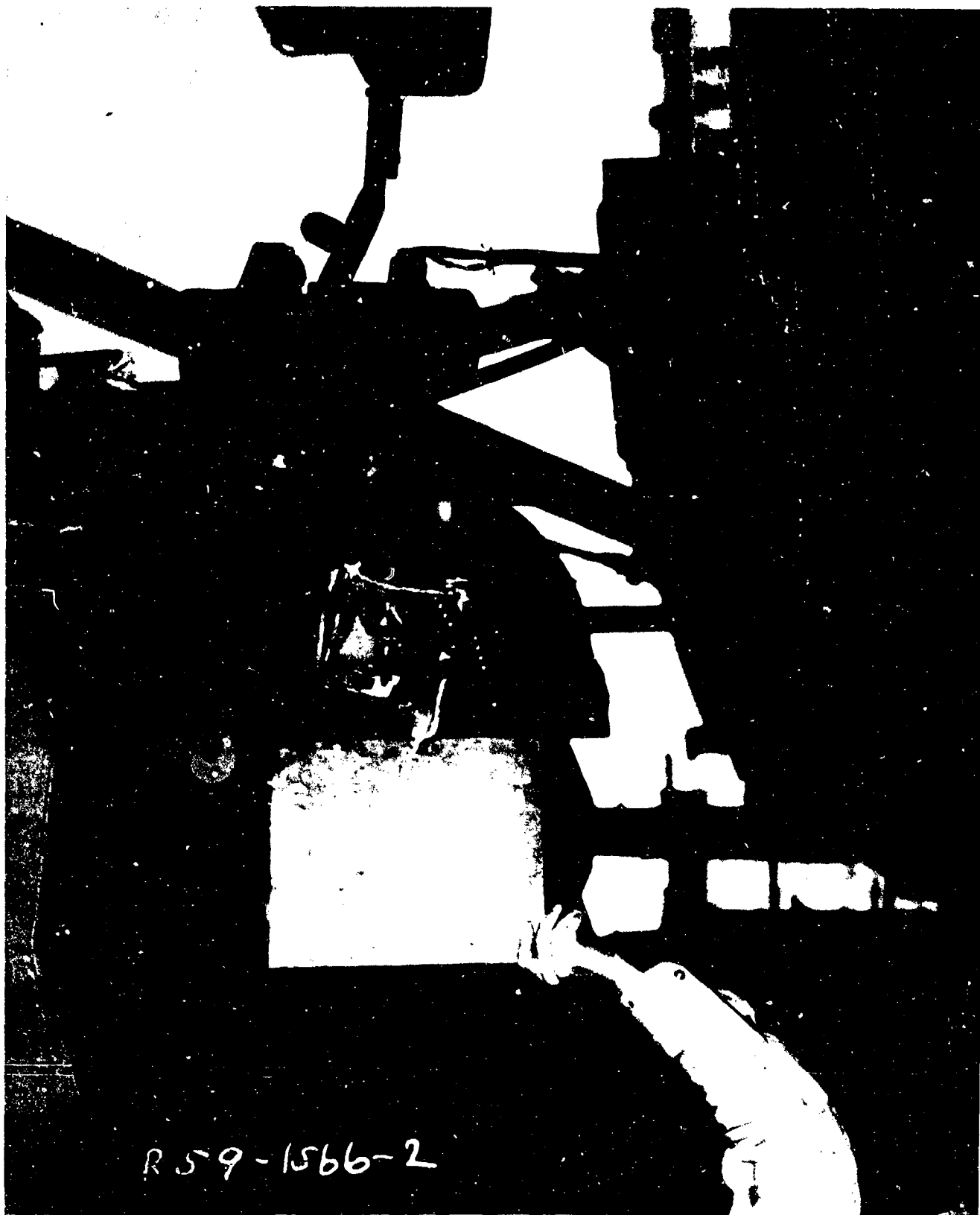
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA - CA24 - After Able
Gun Sight, Mark 15, Mod. 12, Serial No. 4559.
(Gun Director, Mark 51 - Stbd. Mark 63 GPCS).
Showing broken and torn electrical cables,
broken range receiver case and damaged
securing brackets.
Photo. No. AACR 59-1566-1.

SECRET

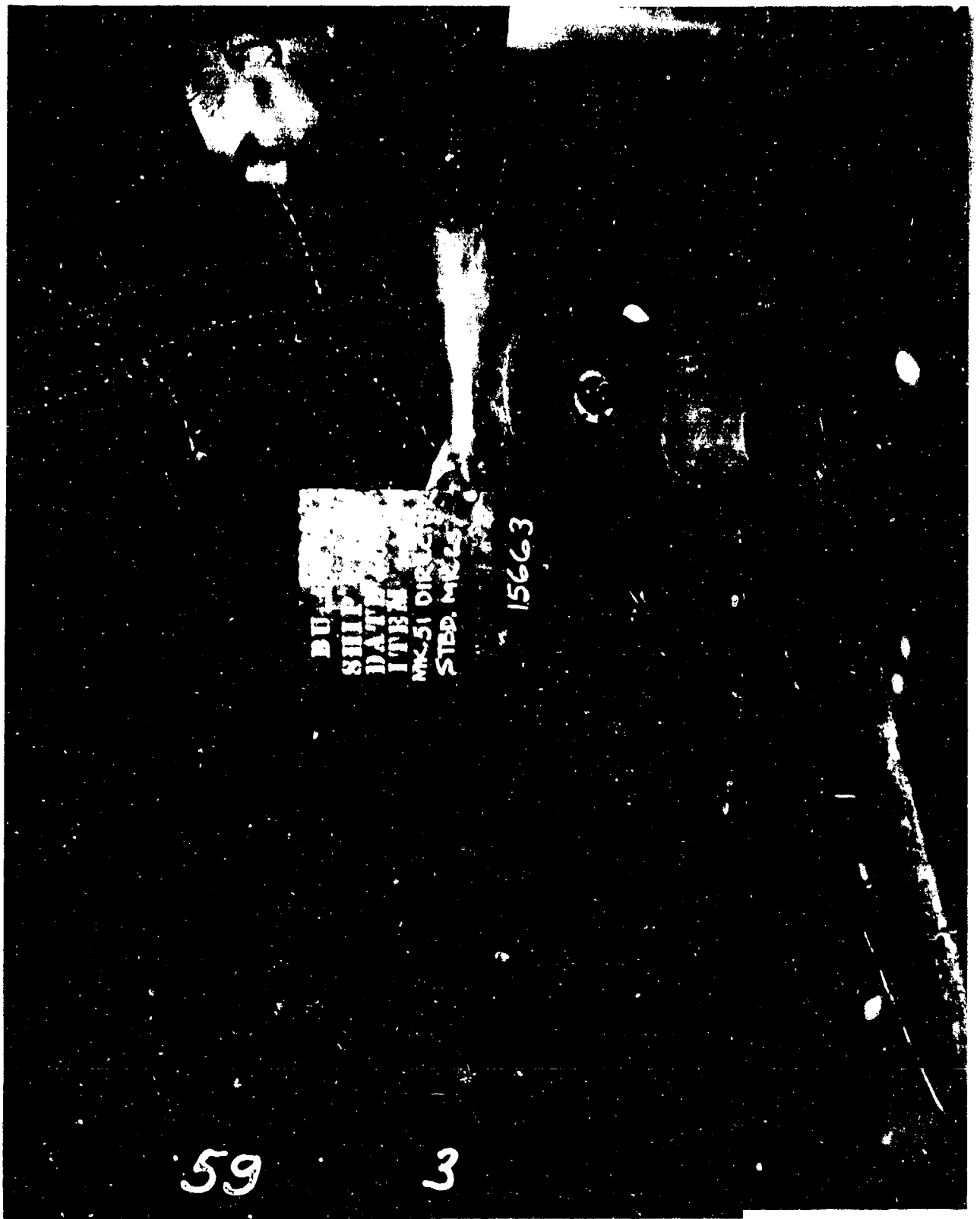
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA - CA24 - After Able
Gun Sight, Mark 15, Mod. 12, Serial No. 4559.
(Gun Director Mark 51-Starboard Mark 63
GFCS). Showing rear view of broken range
receiver and broken electrical cables.
Photo. No. AACR 59-1566-2.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA - CA-24 - After Able
Gun Director, Mark 51, Serial #12645.
(Stbd. Gun Fire Control System, Mark 63)
Showing broken and torn electrical cables,
an electrical connection box torn from its
mounting, and the remains of the tracking
head.
Photo. No. AACR 59-1566-3.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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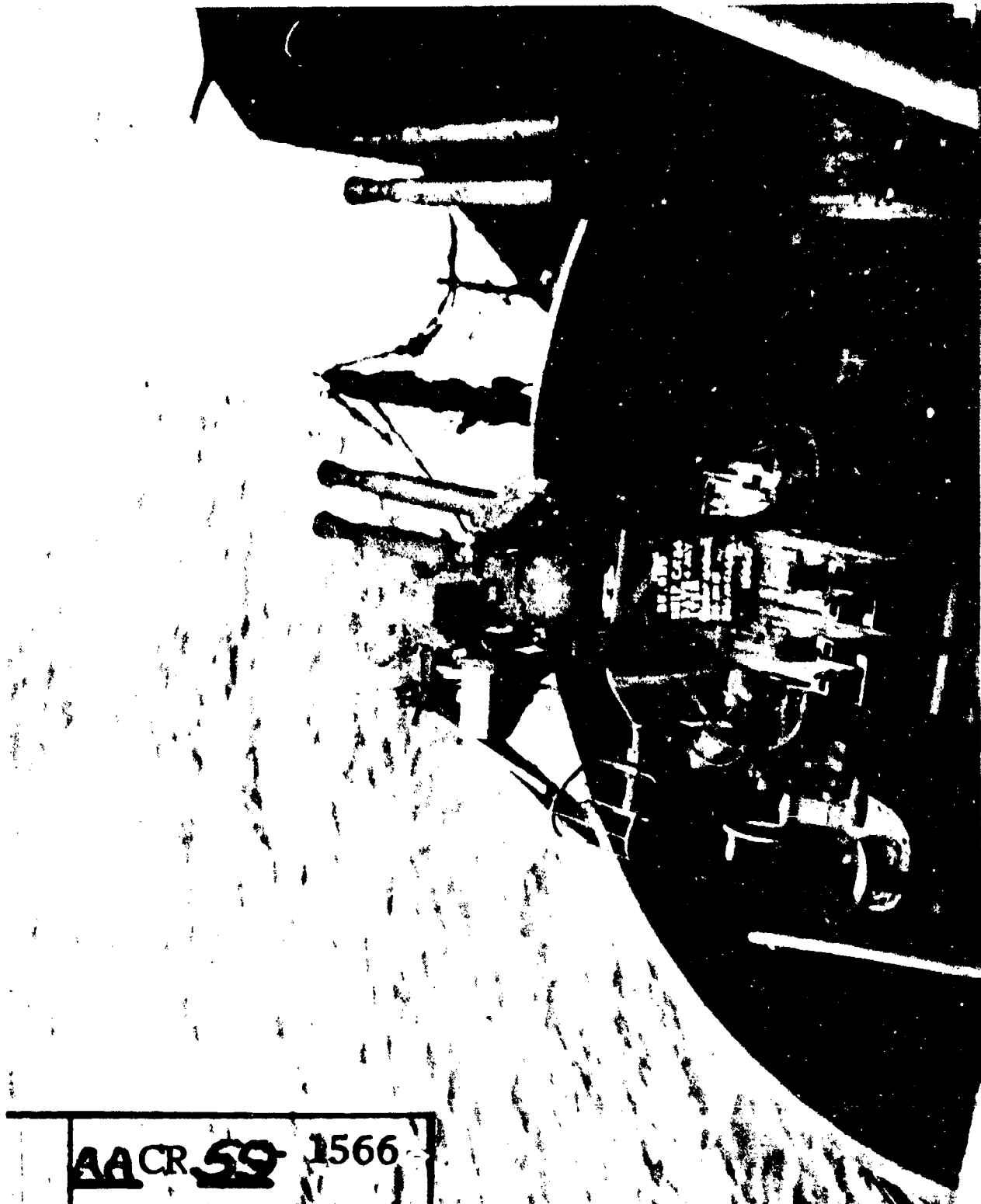
U.S.S. FENSACOLA - CA24 - After Able
Gun Director, Mark 51, Serial No. 12645.
(Starboard Gun Fire Control System, Mark 63).
Showing damaged electrical connection box
torn from the tracking head and the damaged
remains of the tracking head.
Photo. No. AACN 59-1566-4.

SECRET

Enclosure (D) to Director Ship Material Serial 601500.

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U.S.S. FEHSACOLA - CA24- After Able
Mk. 28, Mod. 2 Radar Antenna and Mount,
Mark 19 (Starboard Gun Fire Control Sys-
tem Mark 63). Showing folded and torn
antenna reflector, bent antenna coaxial
feed line and broken antenna reflector
support spider.
Photo. No. AACR 59-1566-5.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

4212

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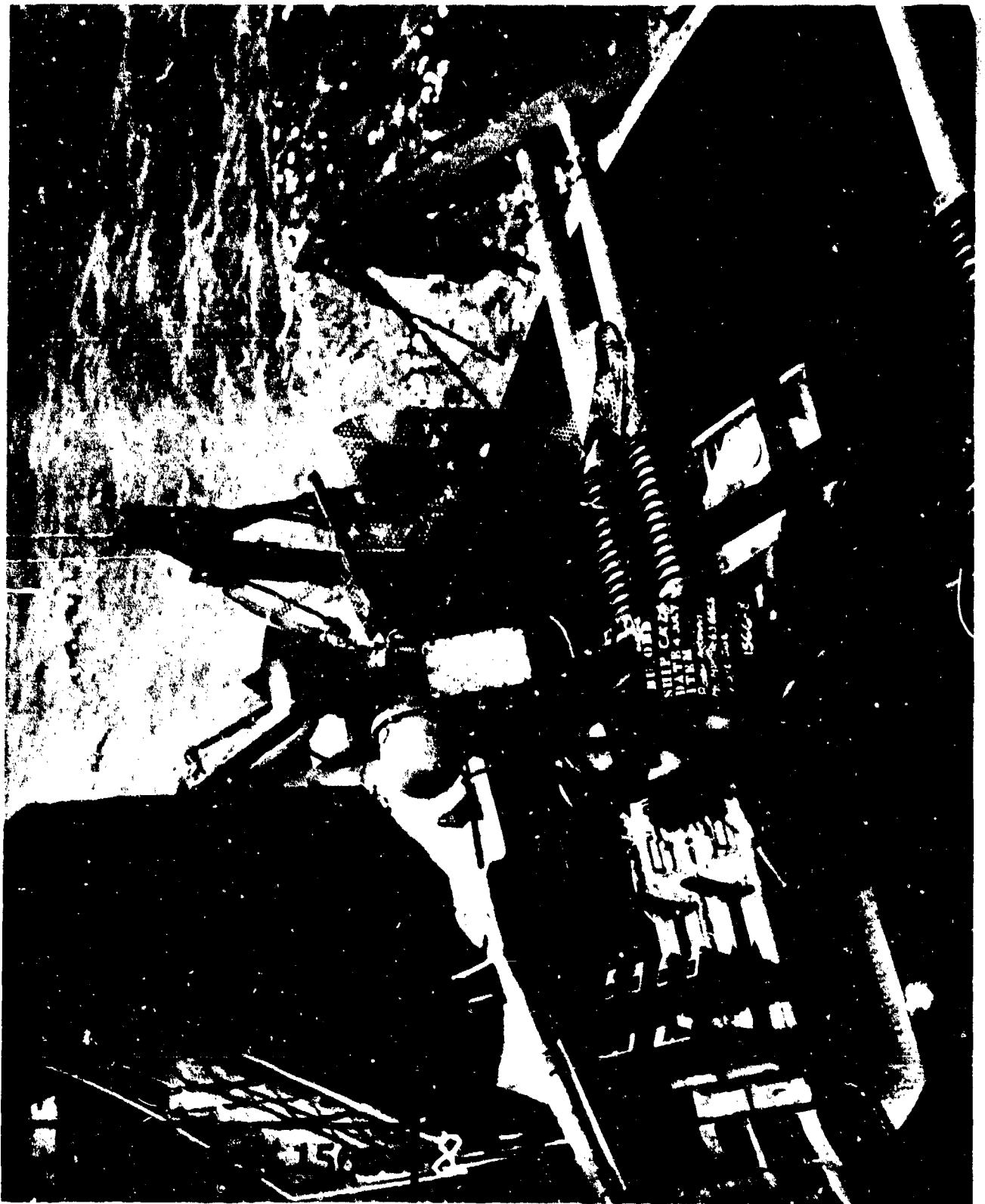
RECORD
SHIP CA 24
DATE 4 JULY
ITEM
Radar Antenna
Mk 19
Stbd Mk 63 GFCs
1566-6

1566-

U.S.S. PENSACOLA - CA24- After Able, Mk. 26, Mod. 2, Radar Antenna and Mount, Mark 19 (Starboard Gun Fire Control System, Mark 63). Showing fragments of reflector surface, damaged coaxial antenna feed line, and broken reflector support spider. Photo. No. AACR 59-1566-6.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA - CA24 - After Able
Radar Antenna, Mark 28, Mod 2, and Radar
Antenna Mount, Mark 19. (Port Gun Fire
Control System, Mark 63). Showing folded
and torn reflector, and bent antenna coaxial
feed.

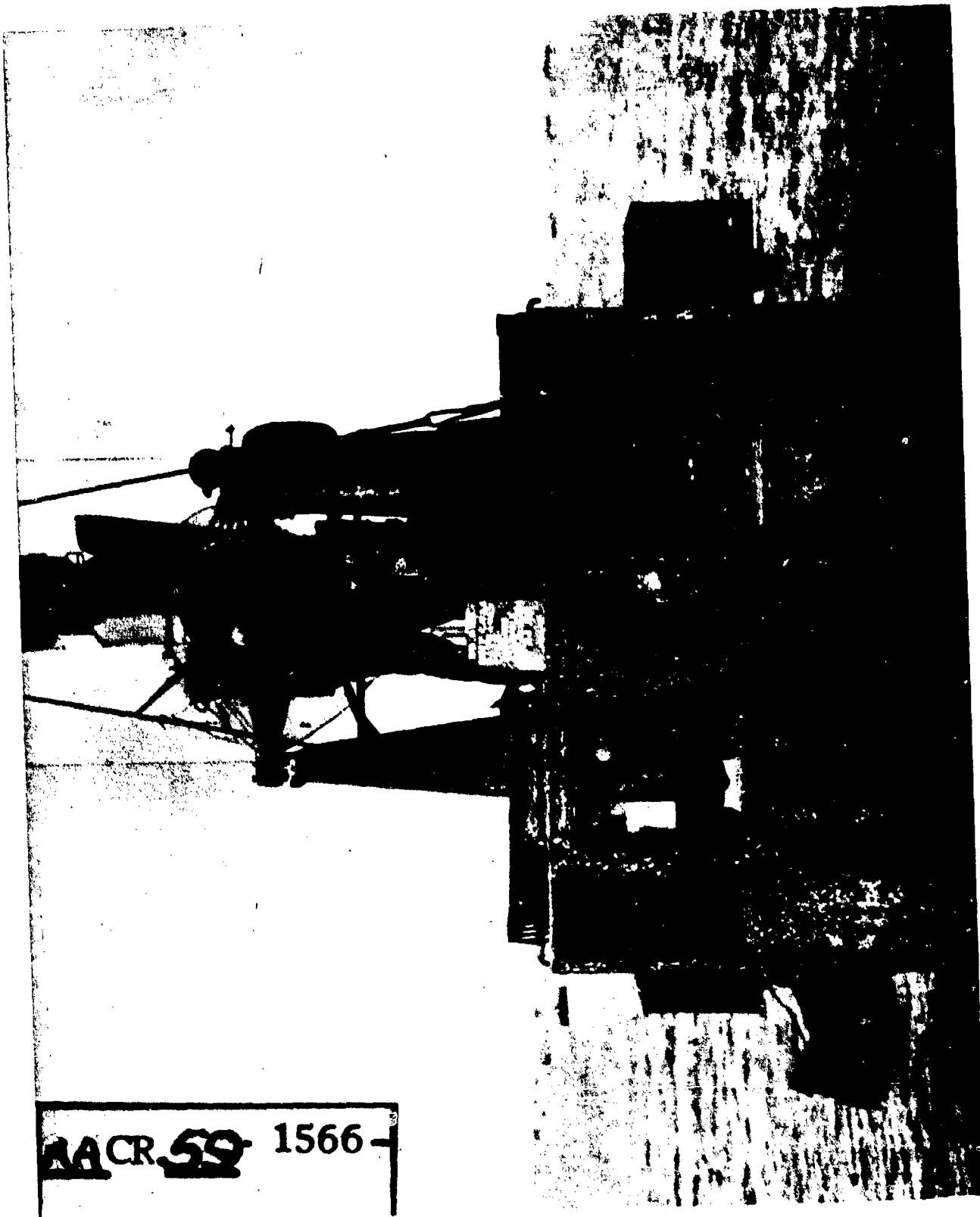
Photo. No. AACR 59-1566-8

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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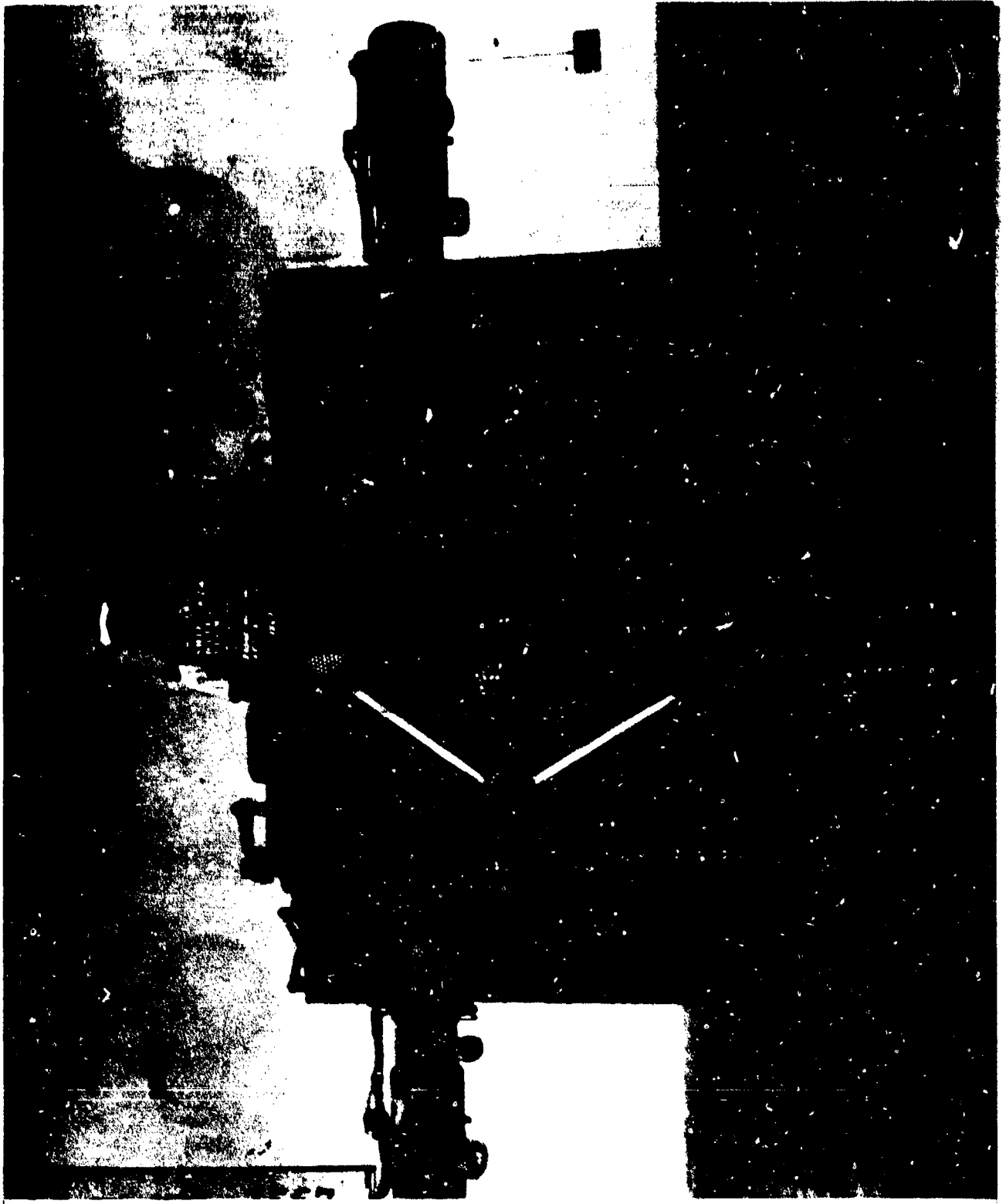
4212



U.S.S. PENSACOLA - CA-24 - After Able
Radar Antenna Assembly for Mark 28, Mod.
3, Radar, Serial #571. (Main Battery Gun
Director, Mark 35, Aft). Showing broken
plexiglas windows and burned paint on Mark
35 Gun Director shield and distorted anten-
na reflector of Mark 28 radar.
Photo. No. AACR 59-1566-11.

SECRET

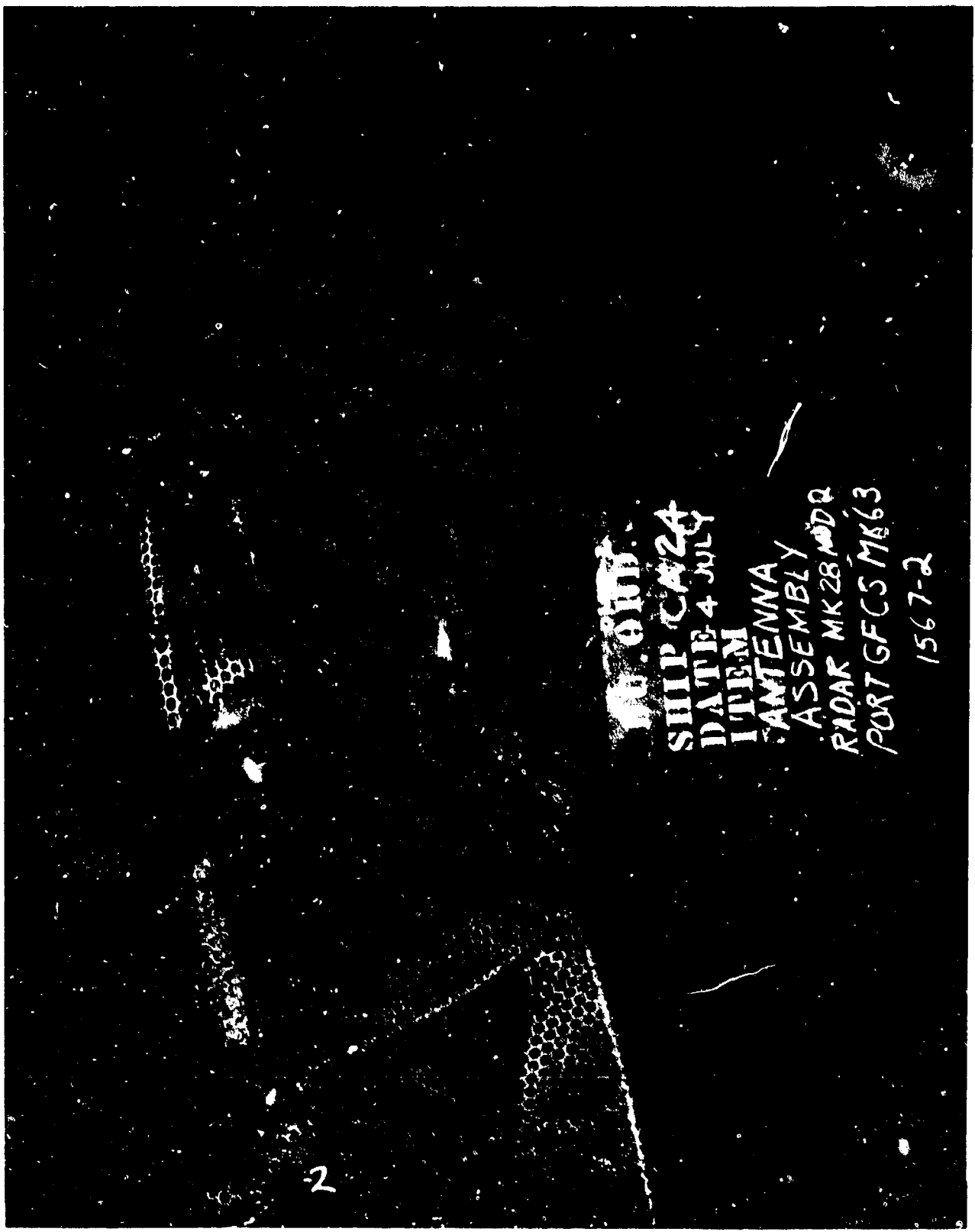
Enclosure (D) to Director Ship Material Serial 991500.



U.S.S. PENSACOLA - CA-24 - After Able
Radar Antenna Assembly for Radar, Mark
28, Mod. 3, Serial #559. (AA Gun Direc-
tor, Mark 33, aft), showing burned paint
on Gun Director, Mark 33, shield and dis-
torted radar antenna reflector.
Photo. No. AACR 59-1567-1

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA - CA24 - After Able
Radar Antenna Assembly for Radar, Mark 28,
Mod. 2. (Gun Fire Control System Mark 63,
Port). Showing folded and torn antenna
reflector, bent coaxial antenna feed line,
and broken reflector support spider.
Photo. No. AACK 59-1567-2.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA - CA24 - After Able
 Radar Antenna Assembly for Radar Mark 28,
 Mod. 2 (Gun Fire Control System, Mark 63,
 Starboard). Showing attached fragments of
 reflector surface, bent antenna coaxial
 feed line, missing plexiglas protective
 spinner cap, and broken reflector support spider.
 Photo. No. AACH 59-1567-3

SECRET

Enclosure (D) to Director Ship Material Serial (CJ500).



ACR 59-1567

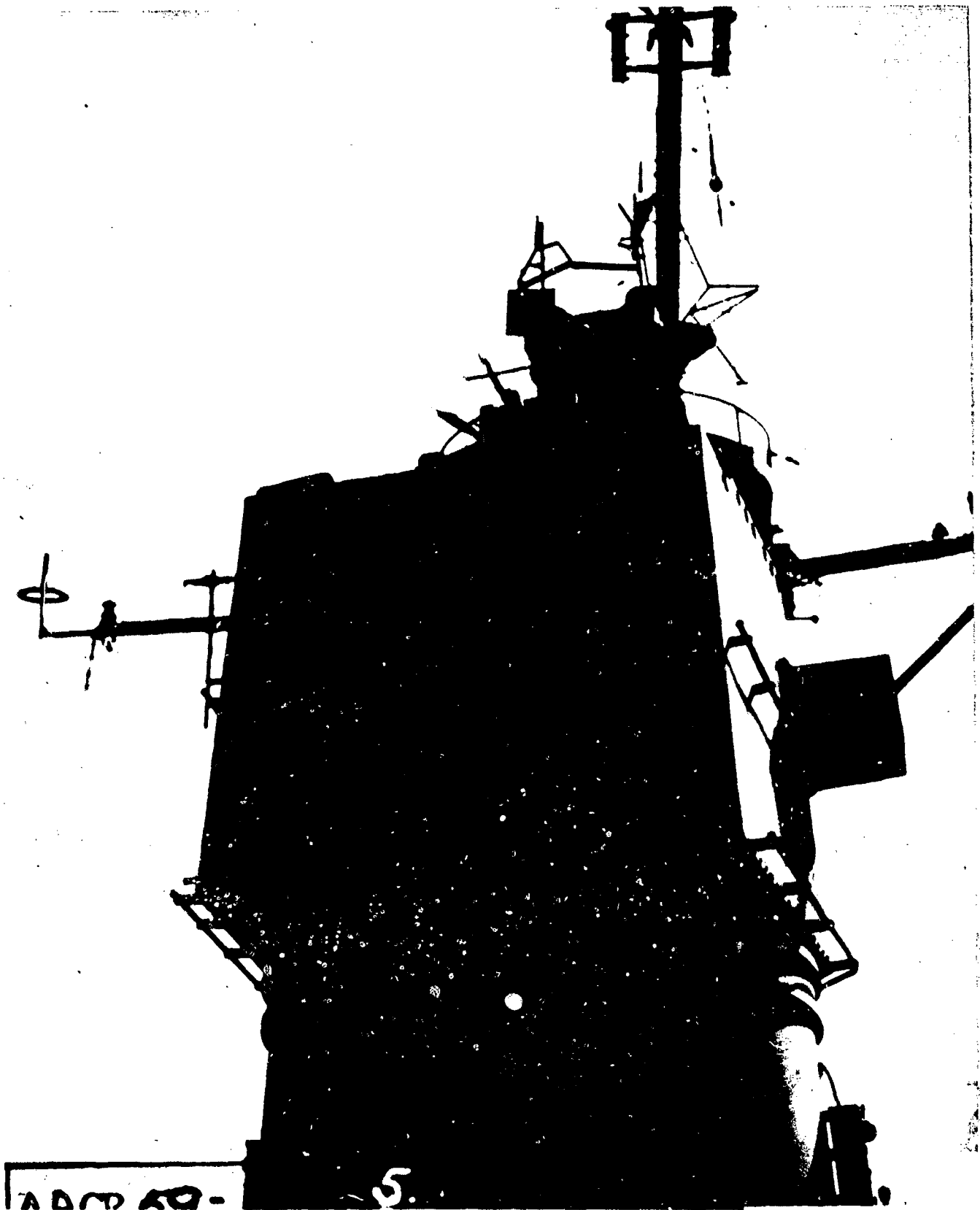
U.S.S. IENSACOLA - CA24 - After Able
Radar Antenna Assembly for radar, Mark 28,
Mod. 3, Serial 575. (AA Gun Director, Mark
33, forward). Showing folded reflector,
bent antenna coaxial feed, and damaged re-
flector support spider.
Photo. No. AACR 59-1567-4

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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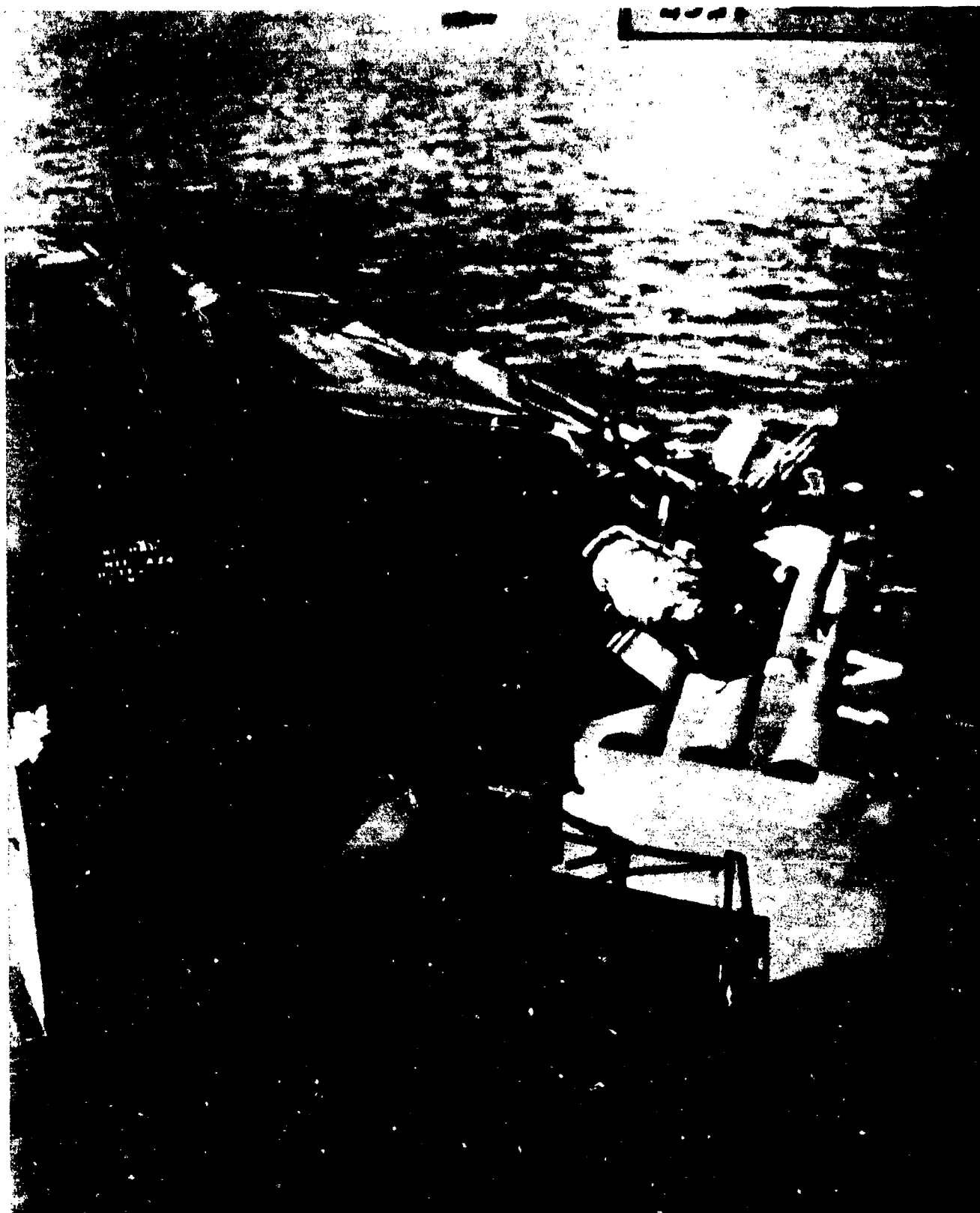


ADCD 59-5

U.S.S. PENSACOLA - CA-24 - After Able Radar Antenna Assembly for Radar, Mark 28, Mod. 3, Serial No. 569, located on the fwd. Mark 35 Director. Showing distorted antenna reflector surface. Photo. No. AACR 59-1567-5.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



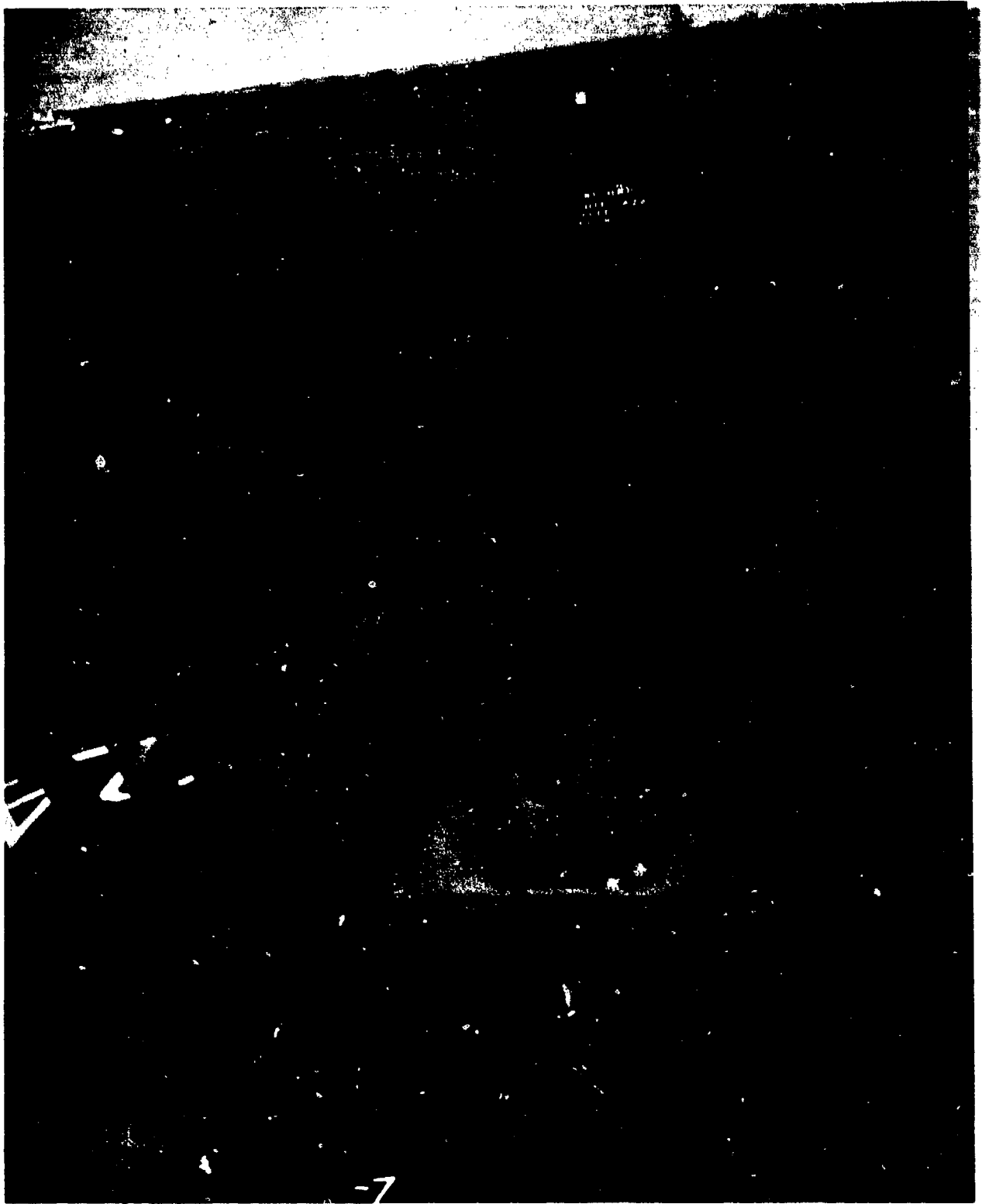
U.S.S. HENSACOLA - GA24 - After Able
AA Gun Director, Mark 33, Mod. 16, Serial
No. 98 (Forward Superstructure above
bridge). Showing buckled door, buckled
and torn shield and burned paint on rangefinder.
Photo. No. AACR 59-1567-6.

SECRET

Enclosure (L) to Director Ship Material Serial 001500.

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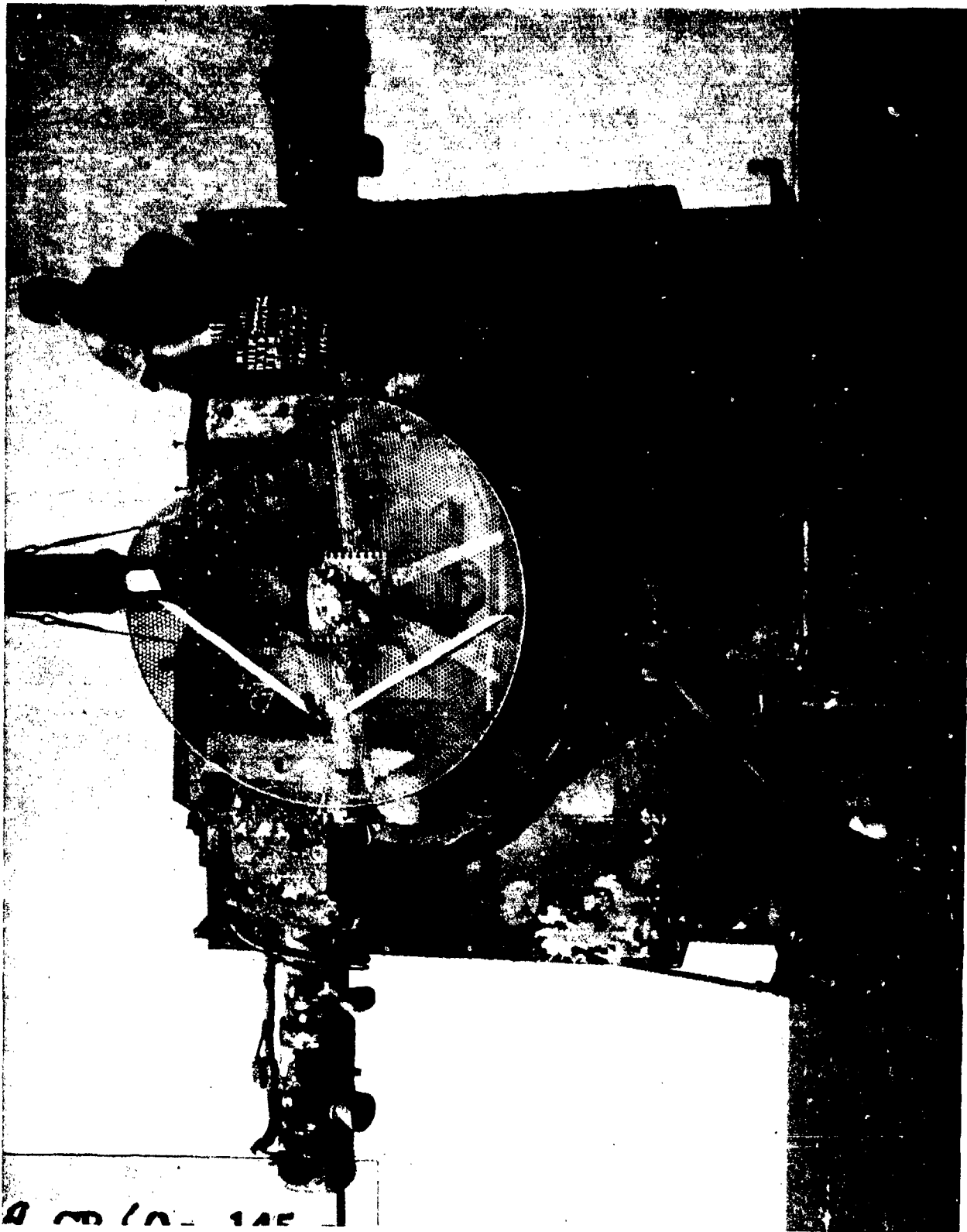
U.S.S. PENSACOLA - CA24 - After Able
AA Gun Director, Mark 33, Mod. 16, Serial
No. 98 (Forward Superstructure above
bridge). Showing buckled and bent rear
side of shield, bent rear door, burned
paint on rangefinder and bent control
officer's hatch cover.
Photo. No. AACH 59-1567-7.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

4212

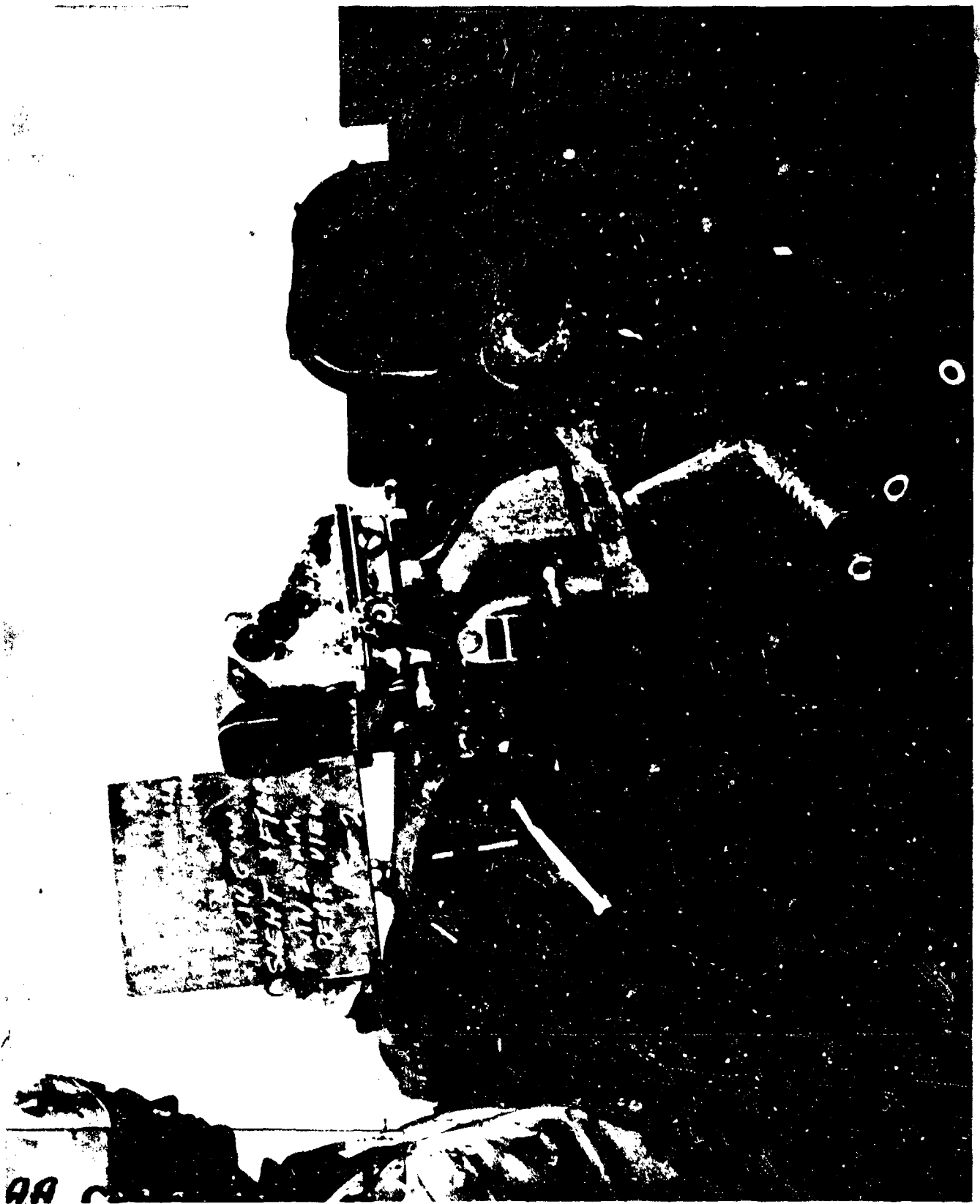
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U.S.S. PENSACOLA (CA-24) - After Able
Gun Director, Mk. 33, Mod. 16, and Antenna of
Fire Control Radar Equipment, Mk. 28, Mod. 3
(After superstructure)
Showing scorched paint on the director shield
and damaged radar antenna reflector.
Photo. No. AA-CR-60-145-1.

SECRET

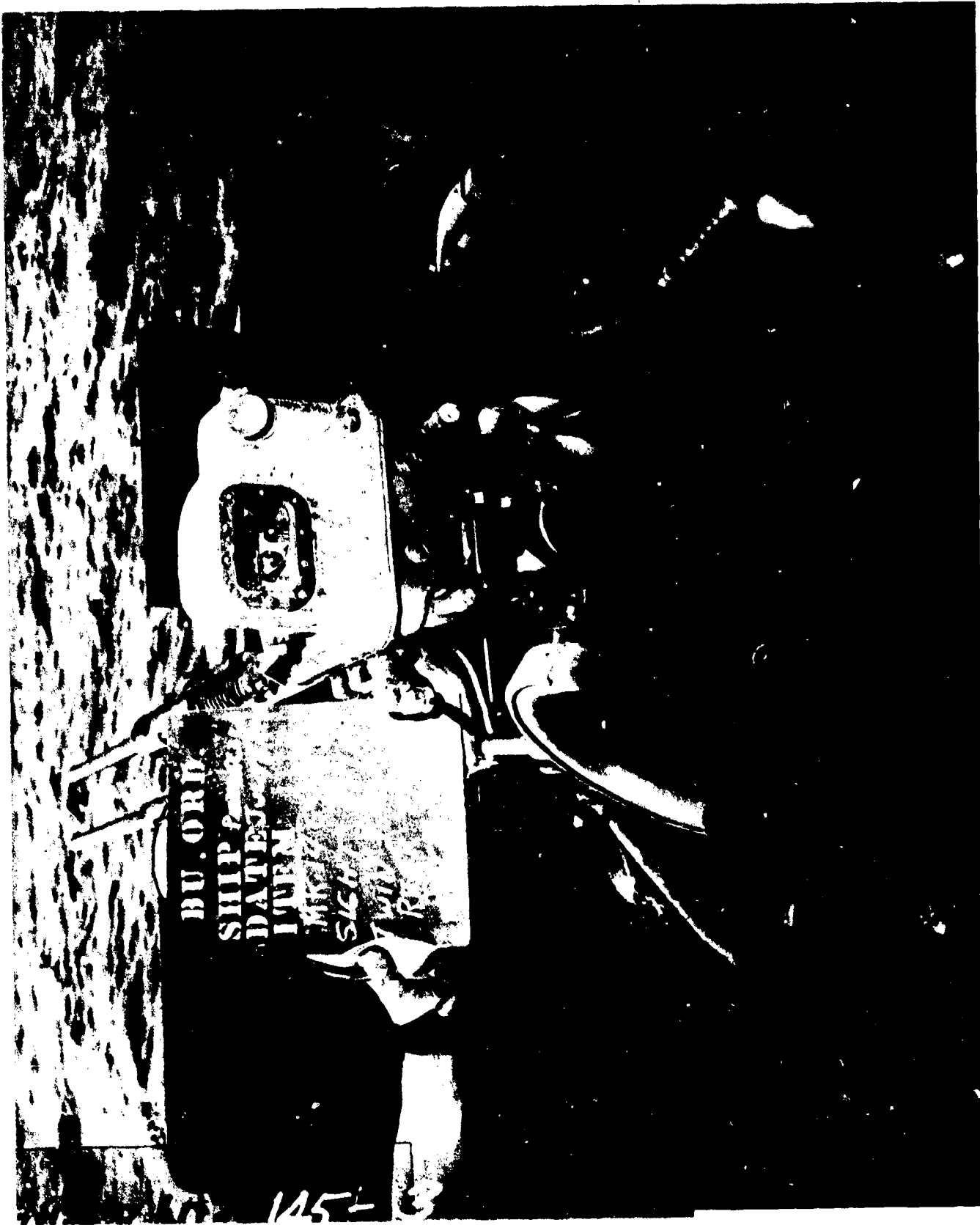
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - After Able
Omsight, Mk. 14, Mod. 6, Serial No. 92103
(No. 21-20 MM gun).
Showing scorched paint and the broken rear window.
Photo. No. AA-CR-60-145-2.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA - CA24 - After Able
Gun Sight, Mark 14, Mod. 6, Serial No.
92103. (No.22-20MM gun). Showing
broken rear window.
Photo. No. AACR 60-145-3

SECRET

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U.S.S. PENSACOLA - CA24 - After Able
Range receiver, Mark 2, Mod. 0, Serial
190. Shows broken housing of Range
Receiver.
Photo. No. AACR 60-147-4

SECRET

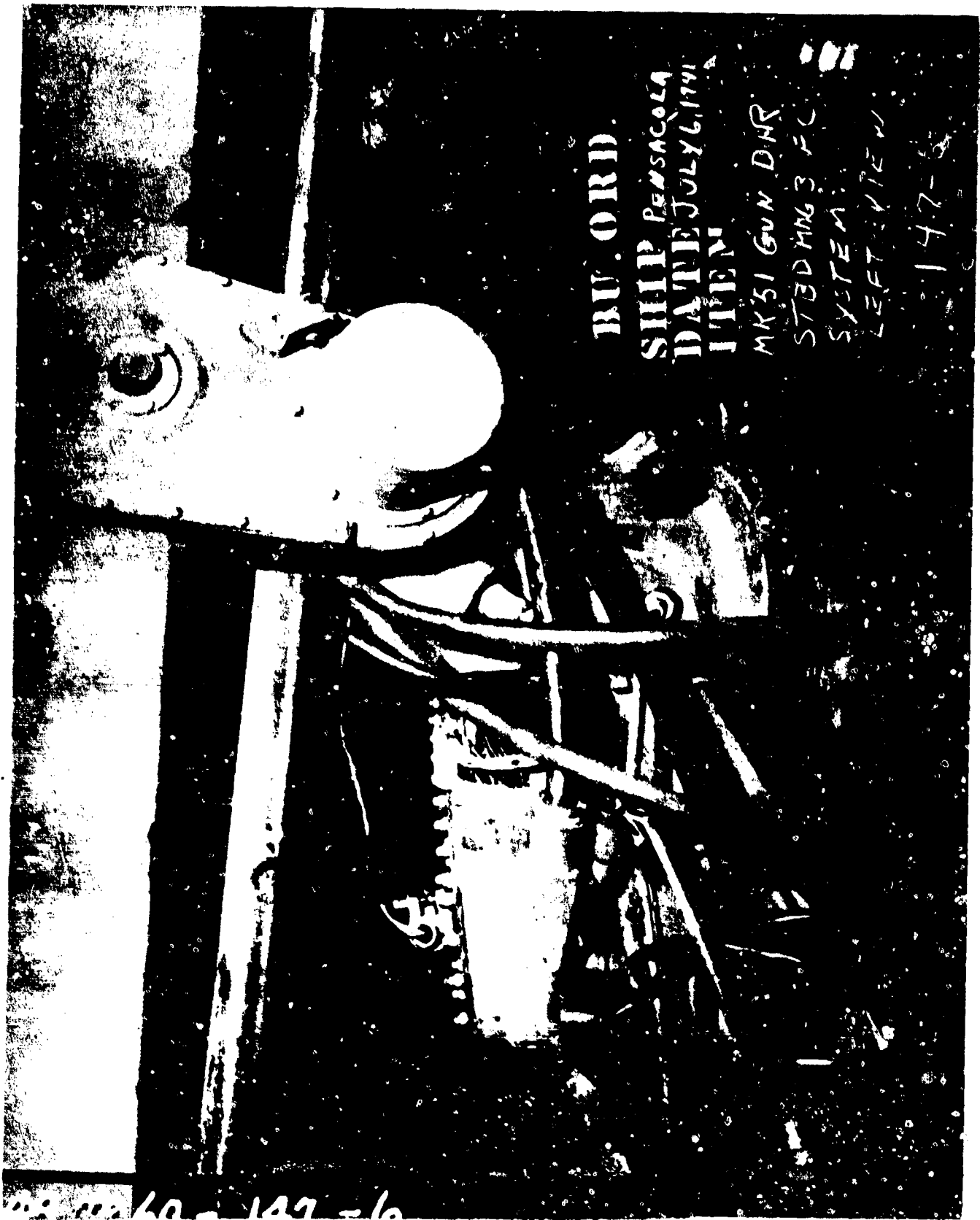
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA - CA24 - After Able
Bearing Indicator, Mark 10, Mod. 0,
Serial No. 3435 (Stbd Mark 63 GFCS
After Signal Platform). Shows the
Broken Window and case of the bear-
ing indicator.
Photo. No. AACR 60-347-5

SECRET

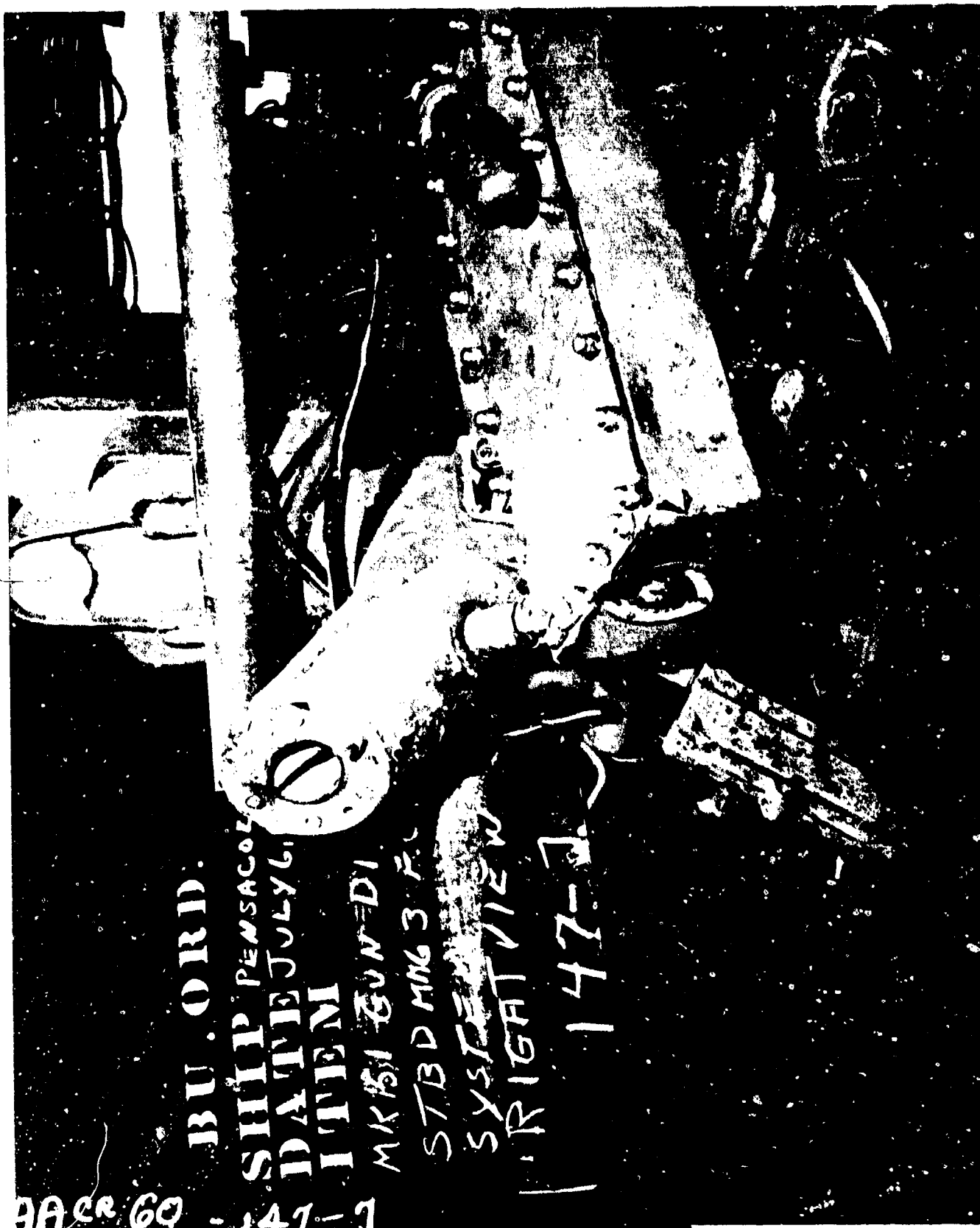
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA - CA24 - After Able
Gun Director, Mark 51, Mod. 3, Serial
no. 12645. View of heavily damaged
director.
Photo. No. AACR 60-147-6

SECRET

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AACR 60 - 147-7

U.S.S. PENSACOLA - CA22 - After Able
Gun Director, Mark 51, Mod. 3, Serial
No. 12645. View of heavily damaged
Mark 51 Director.
Photo. No. AACR 60-147-7

SECRET

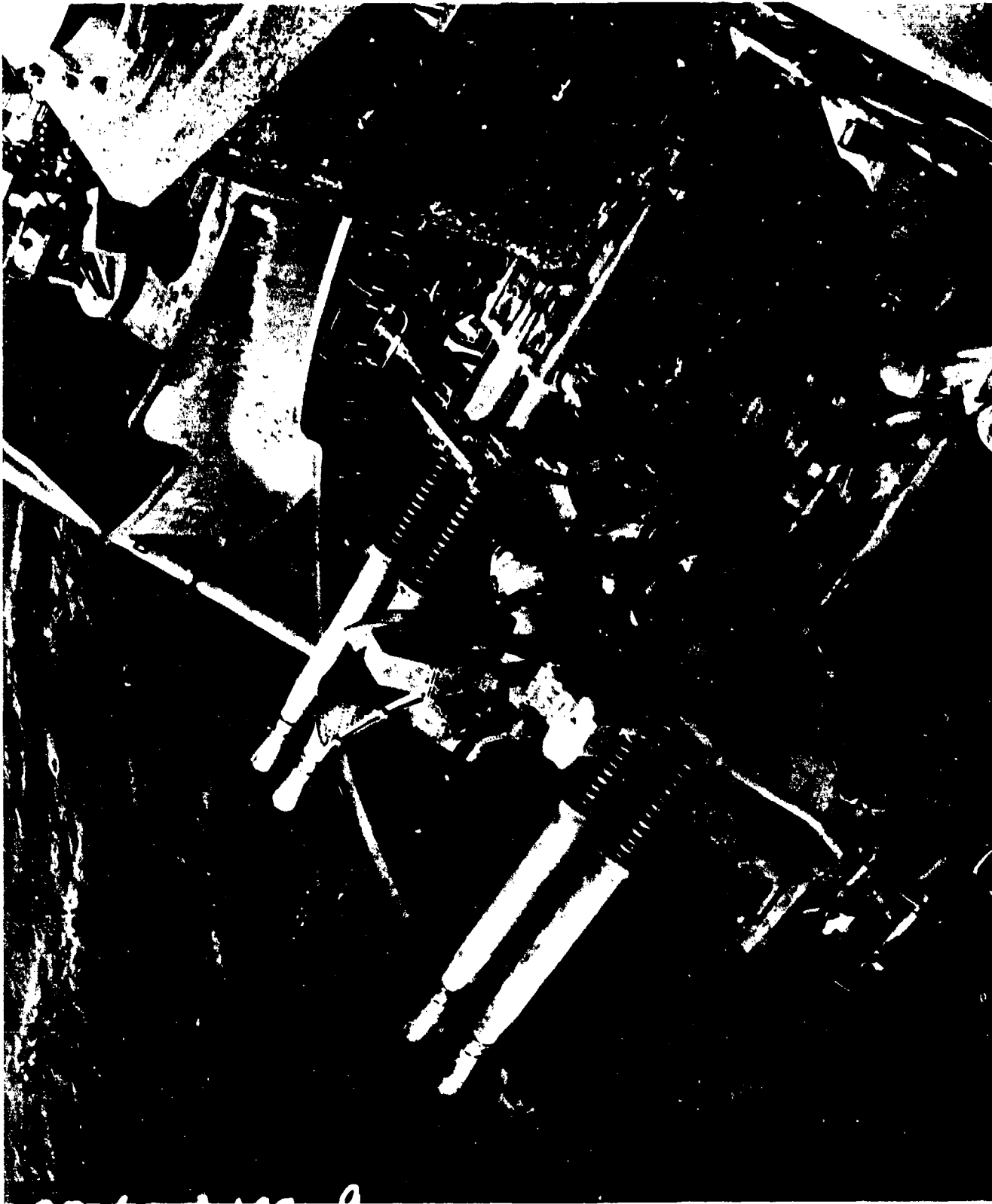
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - After Able
Fire Control Radar Equipment, Mk. 28, Mod. 2,
Serial No. 357.
Showing attached fragments of antenna reflector,
remaining portions of reflector support spider, and
damaged antenna feed assembly.
Photo. No. AA-CR-60-147-8.

SECRET

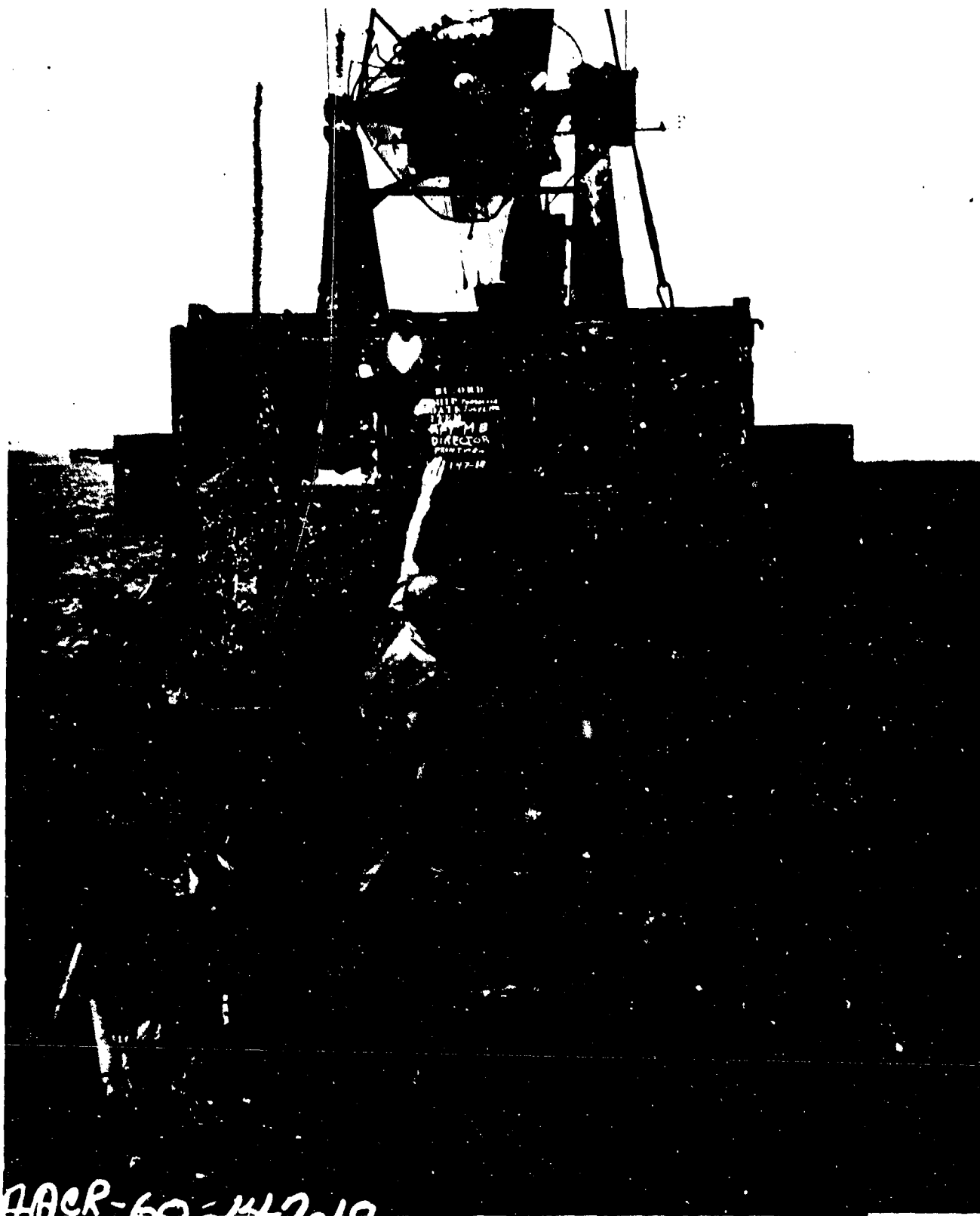
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA - CA24 - After Able
Fire Control Radar Equipment, Mk. 28,
Mod. 2, Serial No. 356. Showing badly
torn and folded antenna reflector, and
broken support spider.
Photo. No. AACR 60-147-9

S E C R E T

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U.S.S. PENSACOLA (CA-24) - After Able
Gun Director, Mk. 35, Mod. 0, Serial No. 11
Shows windows blown out of front of director.
Fire Control Radar Equipment, Mk. 28, Mod. 3,
Serial No. 571, showing distorted antenna reflector.
Photo. No. AA-CR-60-147-10.

SECRET

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U.S.S. PENSACOLA - CA24 - After Able
Gun Director, Mark 51, and Searchlight
(Port Side Aft). Shows base of miss-
ing Searchlight.
Photo. No. AACR-60-147-11

S E C R E T

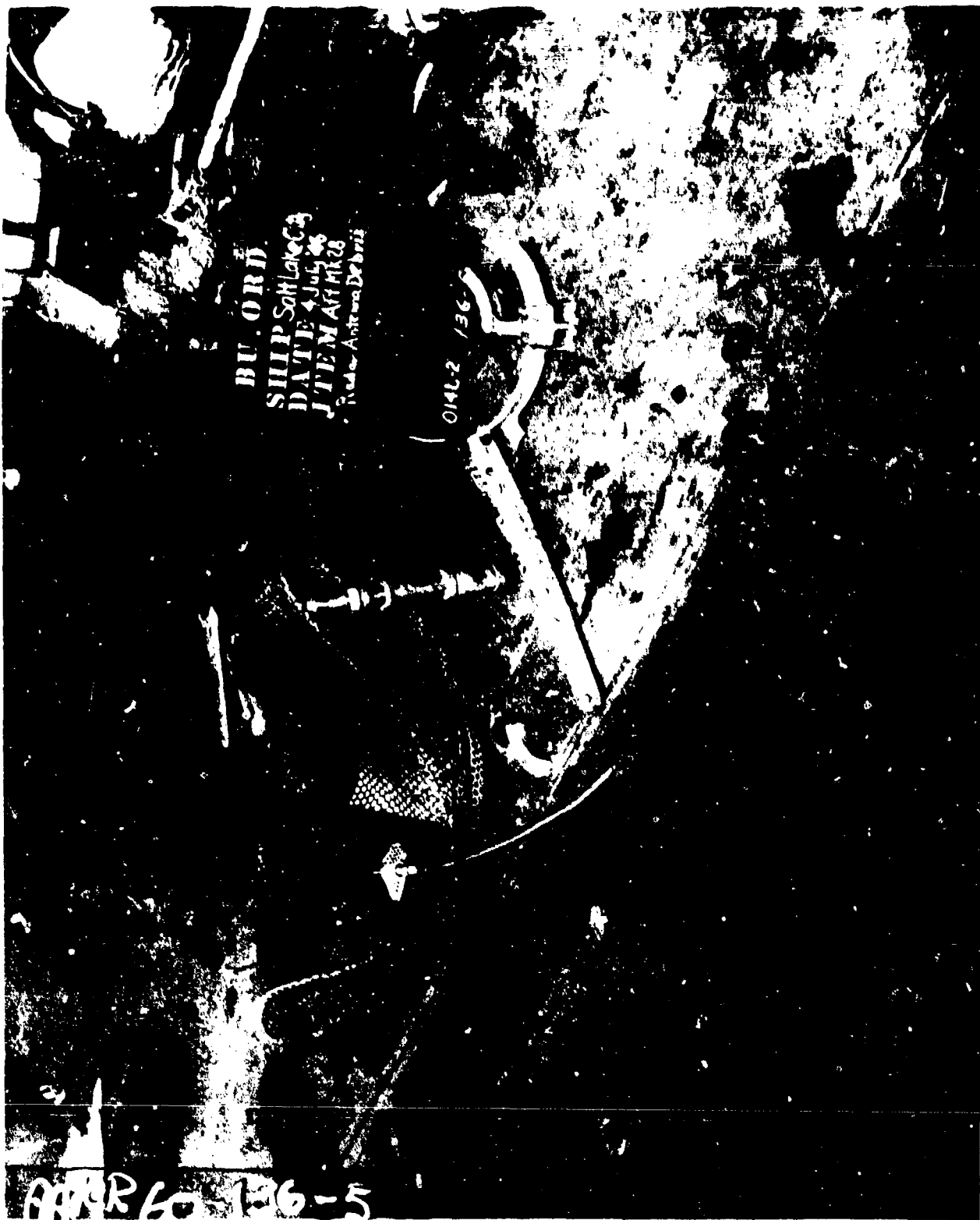
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SALT LAKE CITY (CA-25) - After Able
Fire Control Radar Equipment, Mk. 28, Mod. 0,
Serial No. 3; in Sky II (Gun Director, Mk. 33, Aft)
Showing broken remains of the antenna reflector
support spider still in place on the transmitter
assembly.
Photo. No. AA-CR-60-136-4.

SECRET

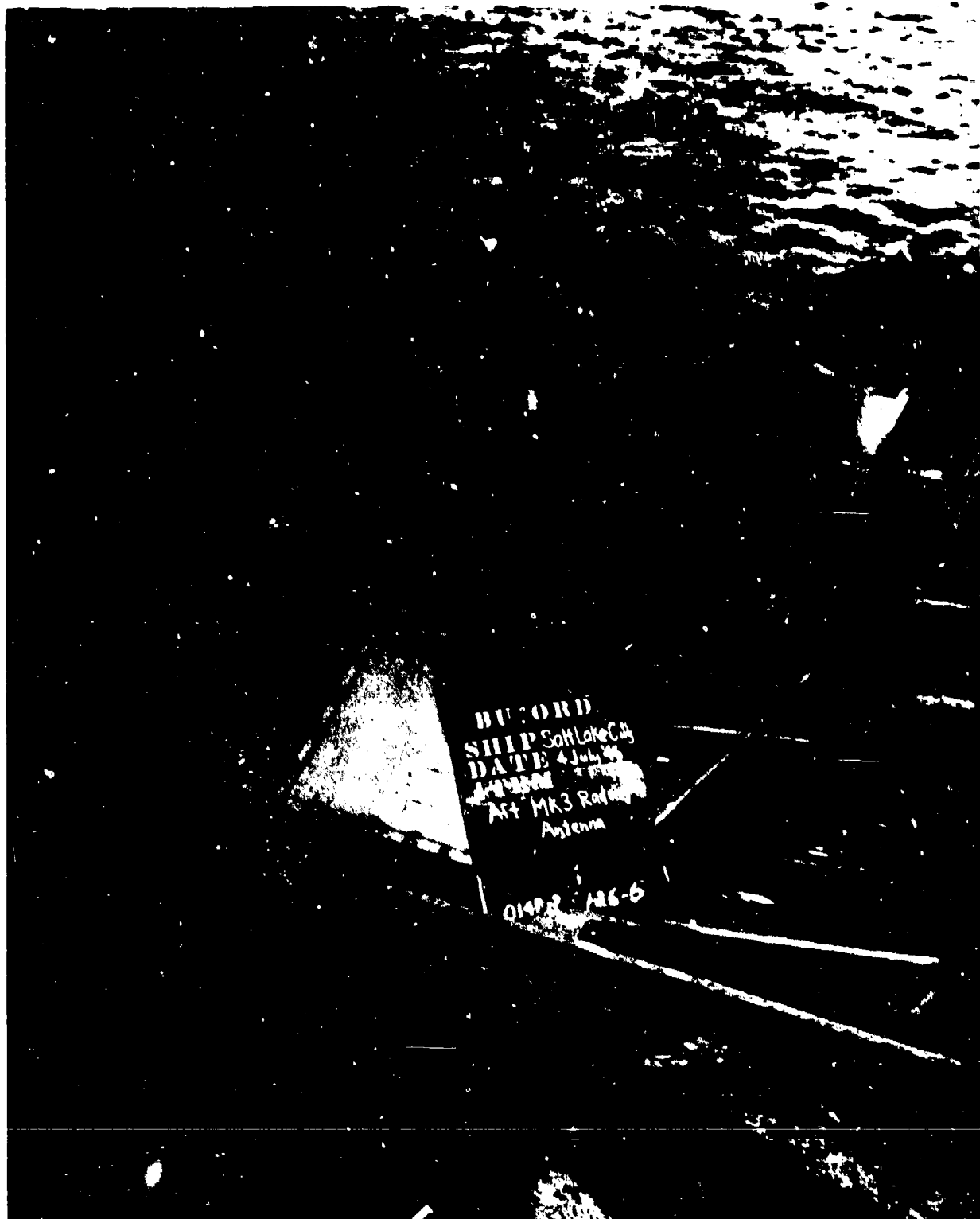
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SALT LAKE CITY (CA-25) - After Able
Fire Control Radar Equipment, Mk. 28, Mod. 0, Serial No. 3,
Sky II (Director, Mk. 33, Aft)
Showing folded and torn reflector, broken coaxial
antenna feed, bent antenna spinner, and fragments
of the reflector support spider.
Photo. No. AA-CR-60-136-5.

S E C R E T

enclosure (D) to Director Ship Material Serial 001506.



U.S.S. SALT LAKE CITY (CA-25) - After Able
Antenna, Fire Control Radar Equipment, Mk.3,
Serial No. 105 located on the After Main
Battery Director.
Showing twisted and broken base mounting.
Photo. No. AA-CR-60-136-6.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



AA CR 60-136 -

U.S.S. SALT LAKE CITY (CA-25) - After Able Antenna, Fire Control Radar Equipment, Mk.4, Mod.O, Serial No. 206 located on the forward Gun Director, Mk.33, showing bulged reflector, broken dipole covers, damaged dipoles and distorted level-trunnion support beams.
Photo No. AA-CR-60-136-8.

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U.S.S. SALT LAKE CITY (CA-25) - After Able.
Antenna, Fire Control Radar Equipment, Mark 4,
Mod. O, Serial No. 206, located on the Gun
Director, Mark 33, Forward. Showing bulged
and torn reflector, broken dipoles and dipole
covers, burned plastic dipole end-support
washers, broken and twisted reflector supports,
and distorted coaxial transmission lines.
Photo. No. AACR 80-136-9.

S E C R E T

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U.S.S. SALT LAKE CITY (CA-25) - After Able
Antenna, Fire Control Radar Equipment, Mk. 3,
Mod. 0, Serial No. 14 (Forward Main Battery Director)
Showing remaining fragments of cast light-metal
alloy antenna base supporting members.
Photo. No. AA-CR-60-136-10.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SALT LAKE CITY (CA-25) - After Able
Antenna, Fire Control Radar Equipment, Mk. 3,
Mod. 0, Serial No. 14 (Forward Main Battery Director)
Showing antenna mounting base and fragments of
antenna support structure.
Photo. No. AA-CR-60-136-11.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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u212



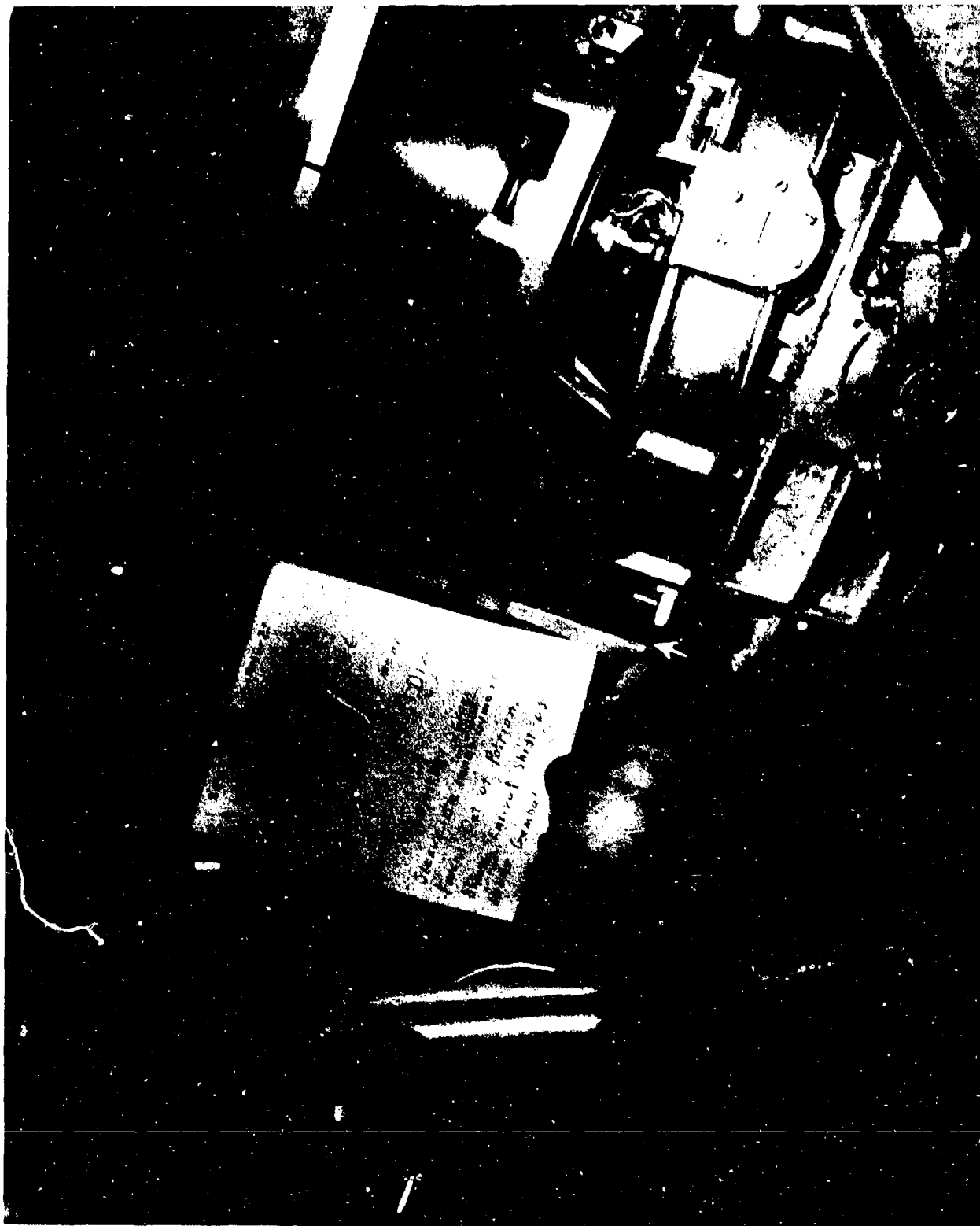
U.S.S. SALT LAKE CITY (CA-25) - After Able
Motor Starter and Controller Unit, Gun Director,
Mk. 33, Aft.
Shows displacement of relay contacts
Photo. No. AA-CR-87-2541-12.

SECRET

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U.S.S. SALT LAKE CITY (CA-25) - After Able
Stable Element, Mk. 2, Mod. 13, Gun Director,
Mk. 33, forward.
Showing adjusting screw out of position in sleeve
on inner gimbal, and the lateral shift of the
inner gimbal.
Photo. No. AA-CR-87-2542-1.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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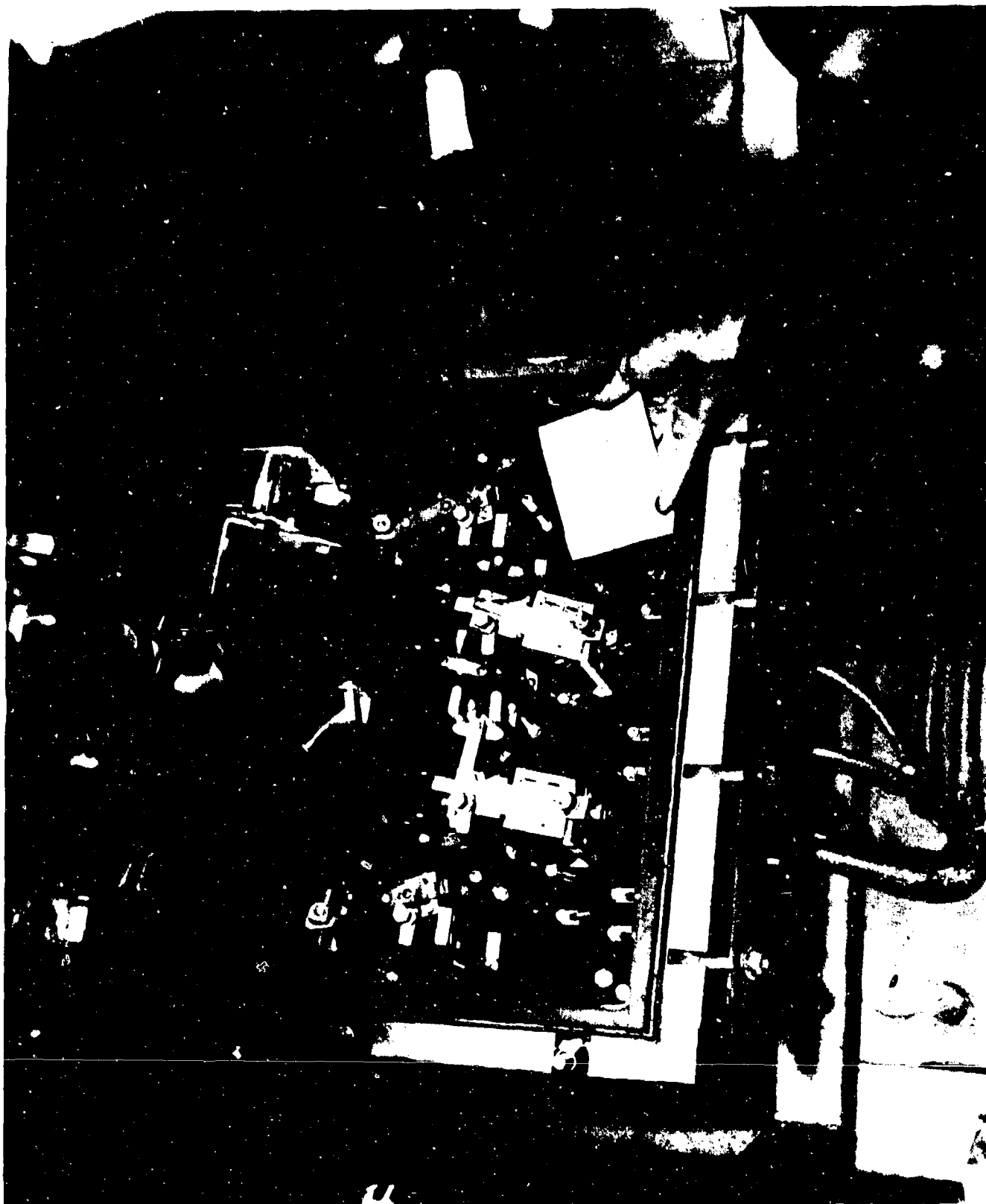


U.S.S. SALT LAKE CITY - GA-25 - After Able.
Stable Element, Mark 2, Mod. 13, located in
the forward Mark 33 Gun Director. Shows Sen-
sitive Element and Inner Gimbal system. The
Gimbal shifted laterally, the bearing out of
its recess.
Photo. No. AACR 87-2542-3.

SECRET

Enclosure (1) to Director Ship Material Serial 001500.

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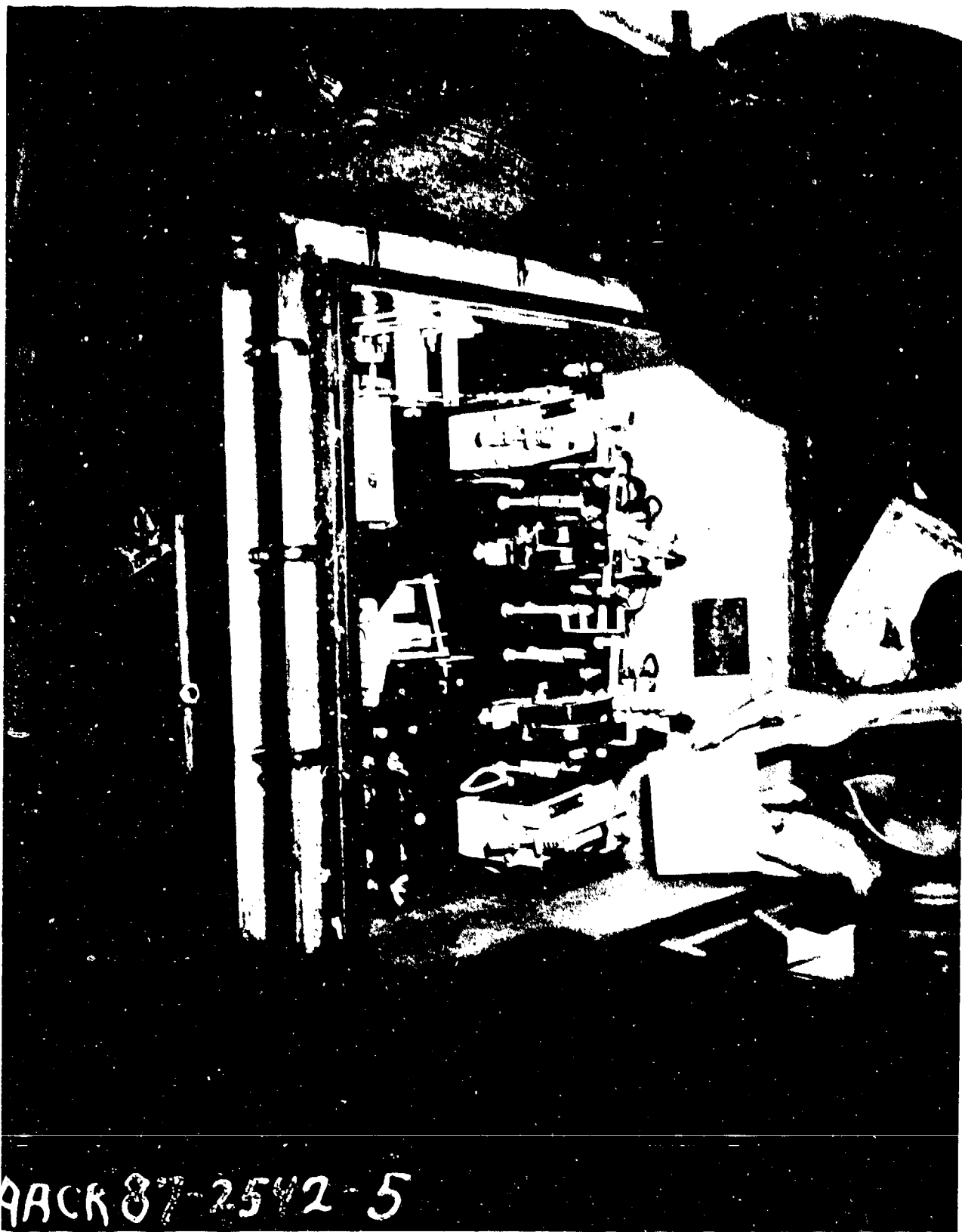
U.S.S. SALT LAKE CITY (CA-25) - After Able
Motor Starter (Gun Director, Mk. 33, Aft)
S ws broken magnetic contacts.
Photo. No. AA-CR-87-2542-4.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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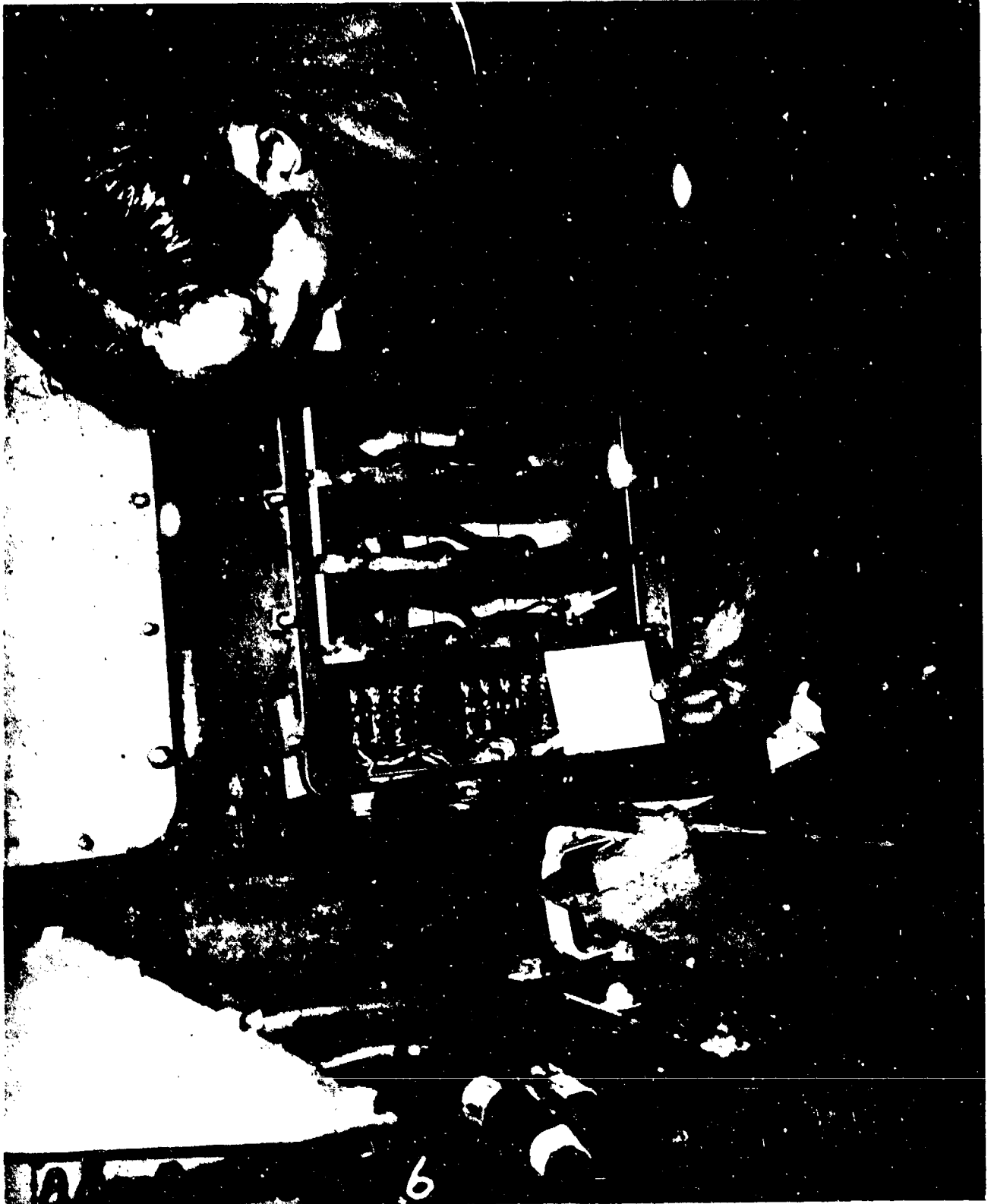


AA-CR-87-2542-5

U.S.S. SALT LAKE CITY (CA-25) - After Able
Motor Starter and Controller Unit.
(Gun Director, Mk. 33, Aft)
Shows displacement of Motor Starter contacts.
Photo. No. AA-CR-87-2542-5.

SECRET

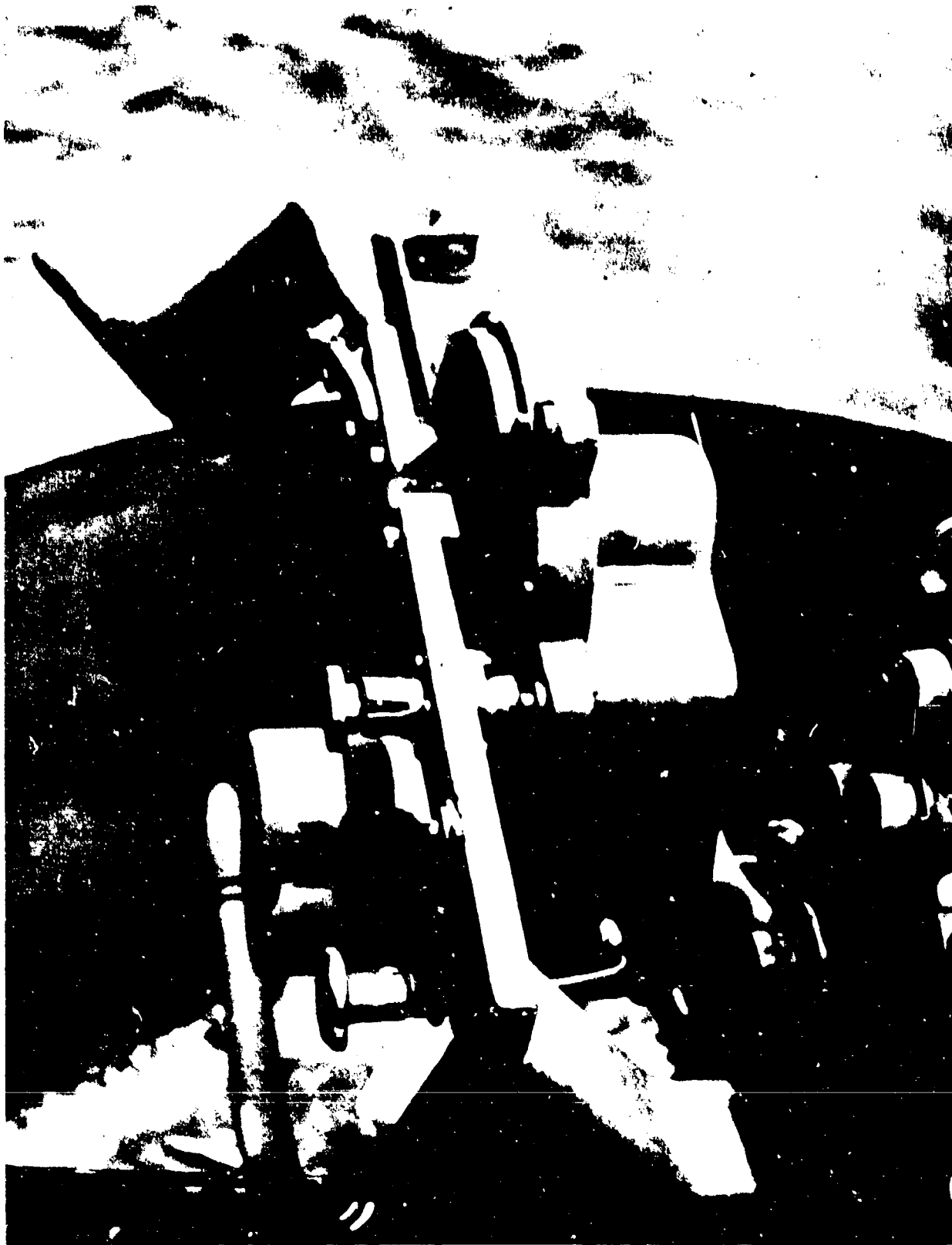
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SALT LAKE CITY (CA-25) - After Able
Cross Level Resistor Unit
(Stable Element, Mk. 2, Mod. 10, in Gun Director,
Mk. 33, Aft)
Showing two broken connections to resistors.
Photo. No. AA-CR-87-2542-6.

SECRET

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U.S.S. INDEPENDENCE (CVL-22) - After Able
Gun Director, Mkt. 51, Mod. 2.
Showing the bent counterbalance weight
hanger and the broken range setting
extension handle.
Photo. No. AA-CR-92-1780-11.

SECRET

Enclosure (U) to Director Ship Material Serial 001500.



U.S.S. INDEPENDENCE (CVL-22) - After Able
Gun Director, Mk. 51, and Gunsight, Mk. 14.
Showing scorched paint on Gunsight, Mk. 14,
shattered filter glass and bent left counter-
balance weight hanger.
Photo. No. AA-CR-92-1781-1.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



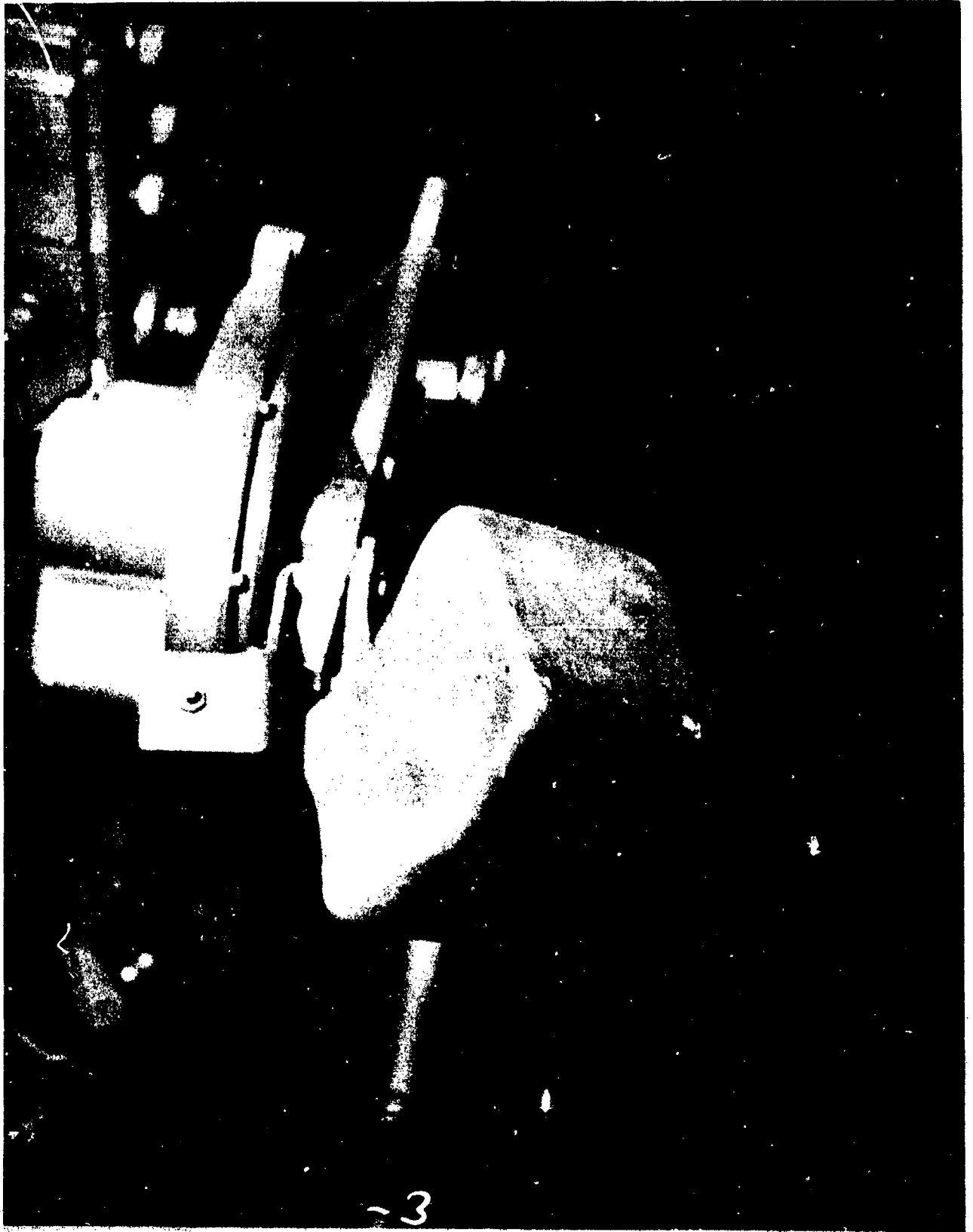
U.S.S. INDEPENDENCE (CVL-22) - After Able
Gun Director, Mk. 51, and Gun sight, Mk. 14.
Showing scorched paint on Gunsight, Mk. 14,
shattered filter glass and bent right counter-
balance weight hanger.
Photo. No. AA-CR-92-1781-2.

SECRET

Enclosure (D) to Director S1, Material Serial 001500.

#212

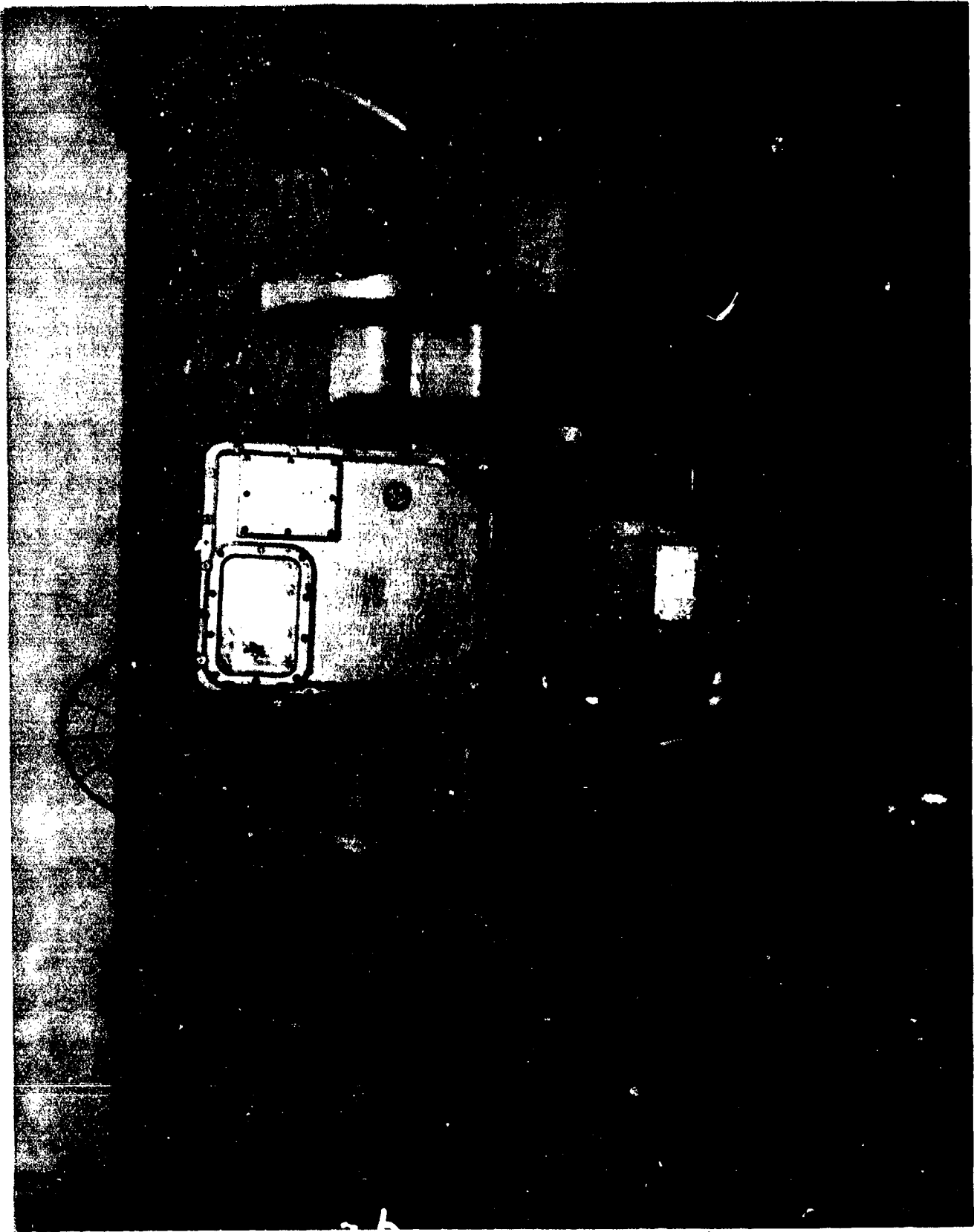
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U.S.S. INDEPENDENCE (OV-02) - After Allie
Gun Director, Mark 51.
Showing close-up of bent right counterbalance
weight hanger.
Photo. No. AACR 92-1781-3.

S E C R E T

Enclosure (1) to Director Ship Material Serial 001500.

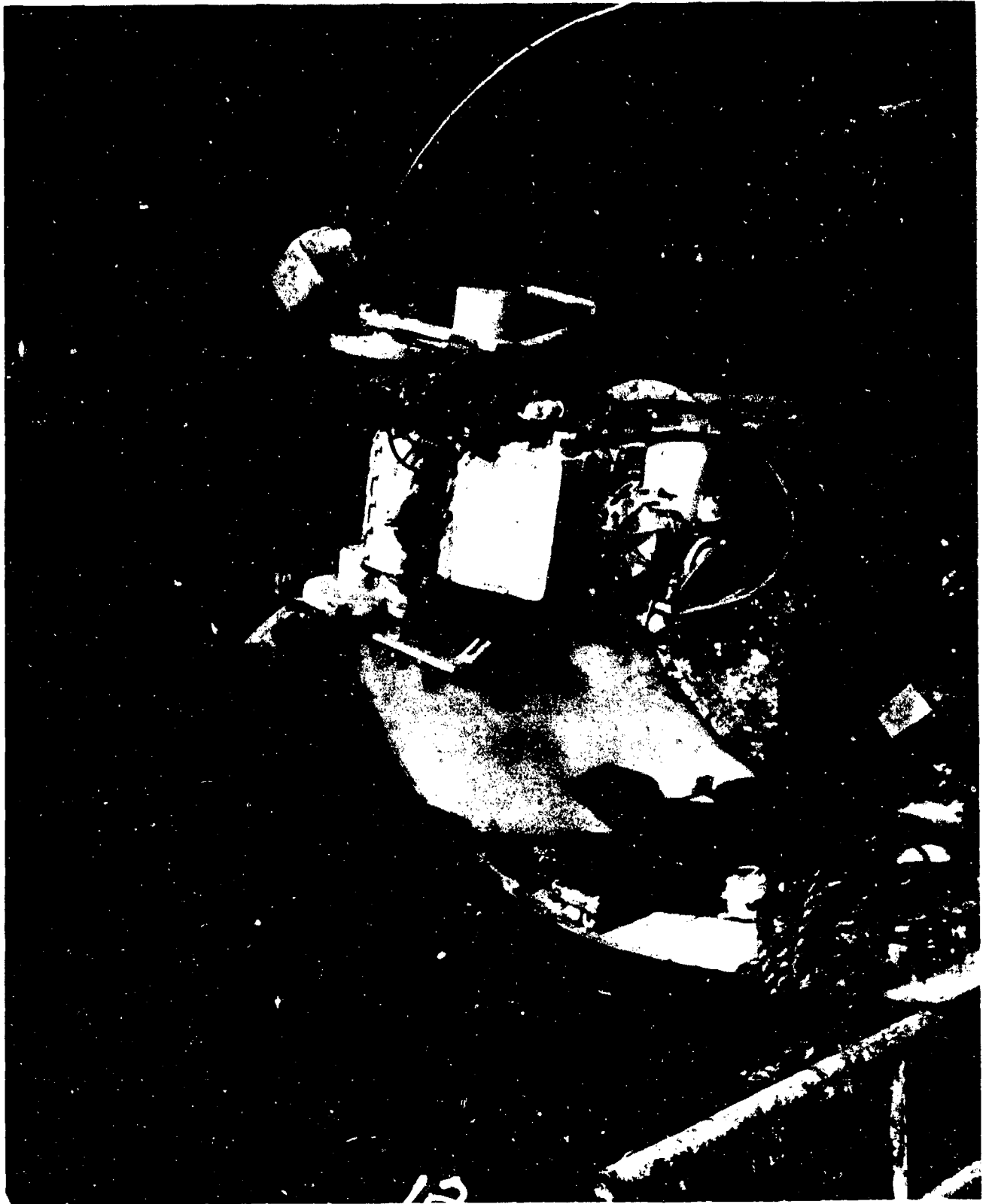


U.S.S. INTERRIDGE (T-30) - After Action.
See Director, 1st Fleet, 1st Submarine Squadron.
Showing left hand side of the ship.
Photo. No. ADM-117-1-1.

11-11-41

Photo No. (2) to Director, 1st Submarine Squadron, 1st Fleet.

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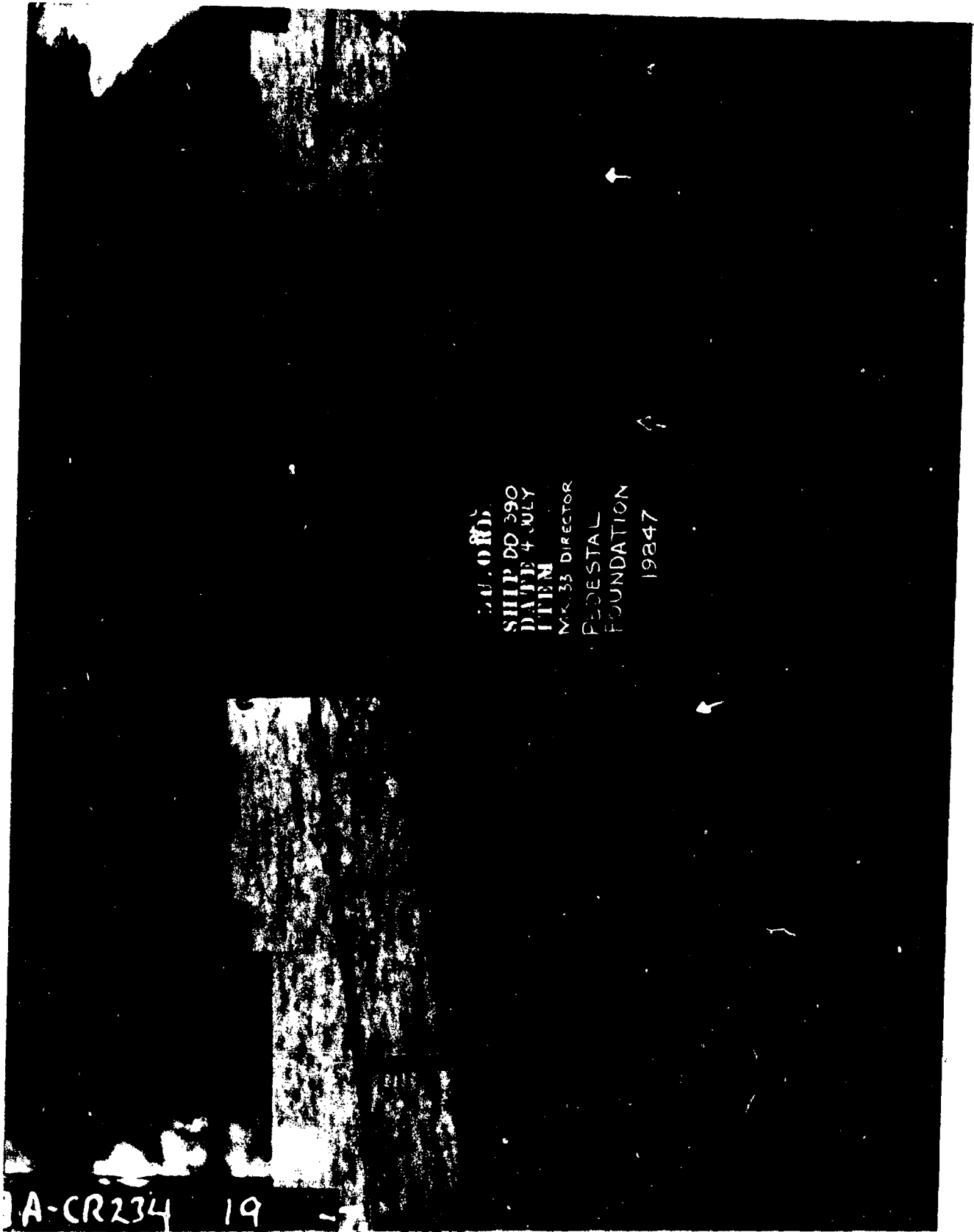
U.S.S. INDEPENDENCE (CVL-22) - After Able
Gun Director, Mark 51, and Gunsight, Mark
14. Showing scorched paint, shattered filter glass
and bent supports of counterbalance weights.
Photo. No. AACR 92-1781-12.

SECRET

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U.S. OFFICE
SHIP DD 390
DATE 4 JULY
ITEM
MK. 33 DIRECTOR
PEDESTAL
FOUNDATION
19847

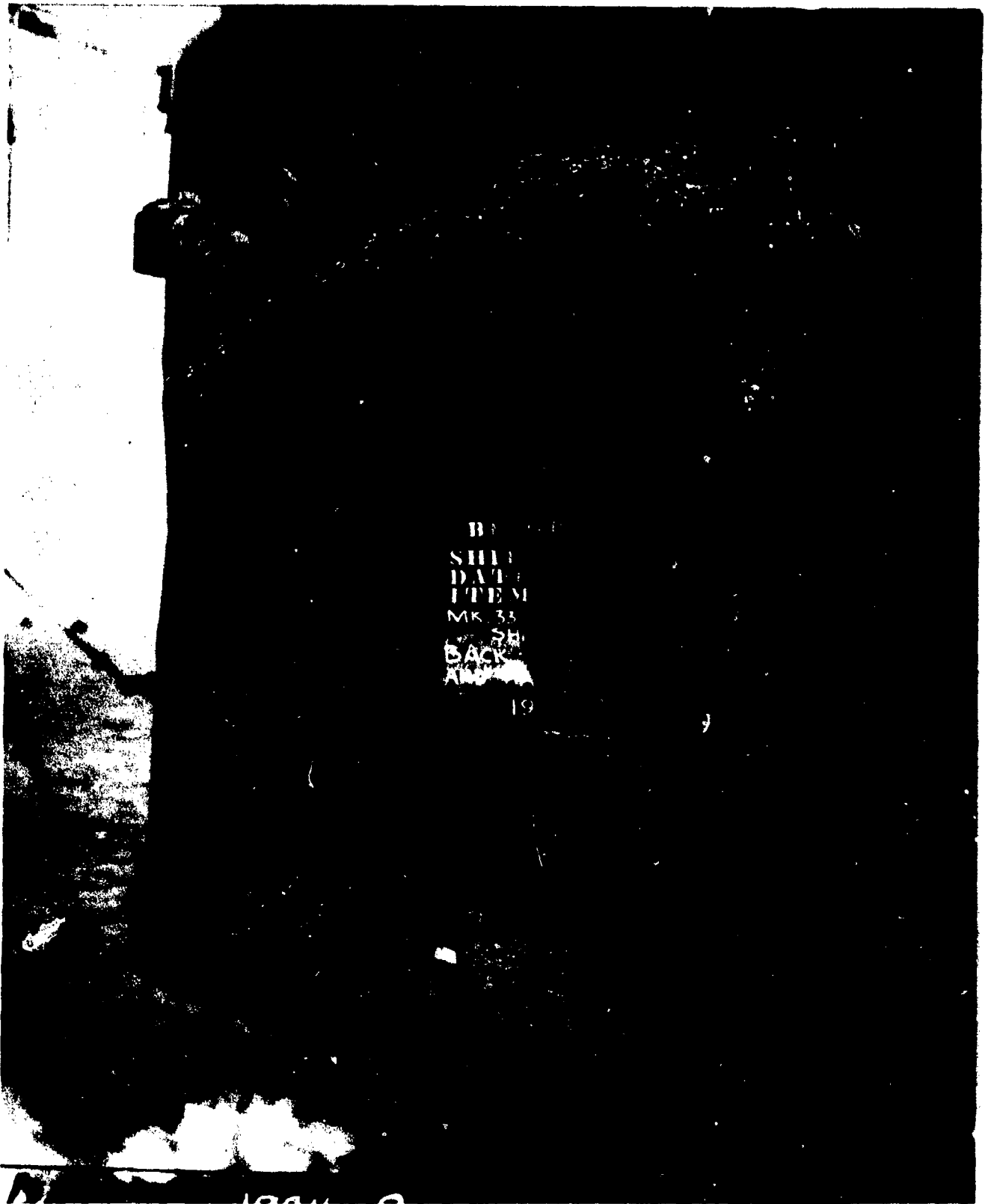
A-CR234 19

U.S.S. RALPH WALDO - DD-390 - After Able
Gun Director, Mk. 33, Mod. B (Fwd. Superstructure)
Showing separation between the director pedestal
foundation buttresses and the dished deck.
Photo. No. ACR-234-1 24-7.

1 2 3 4 5

Enclosure (D) to Director Ship Material Serial 01800.

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U.S.S. RALPH TALBOT (DD-390) - After Able
Gun Director, Mk. 33, Mod. 8. (Forward Superstructure)
Showing rear view of dished director shield, and
rear door and cracked veldment.
Photo. No. AA-CR-234-1984-8.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FAIR PALM (LI-300) - After Able
Gun Director, Mk. 32, Mod. 8 (Inc. Superstructure)
Showing the bent and jammed lift door.
Photo. No. AA-CR-234-1987-9

S E C R E T

Enclosure (b) to Director Ship Material Serial Column.



U.S.S. RALPH TALBOT (DD-390) - After Able
Stable Element, Mk. 2, Mod. 1 Thyatron Tube Racks
(Gun Director, Mk. 33)
Showing broken glass envelopes of the type C6A
Thyatron Tubes (level)
Photo. No. AA-CR-234-1984-11

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

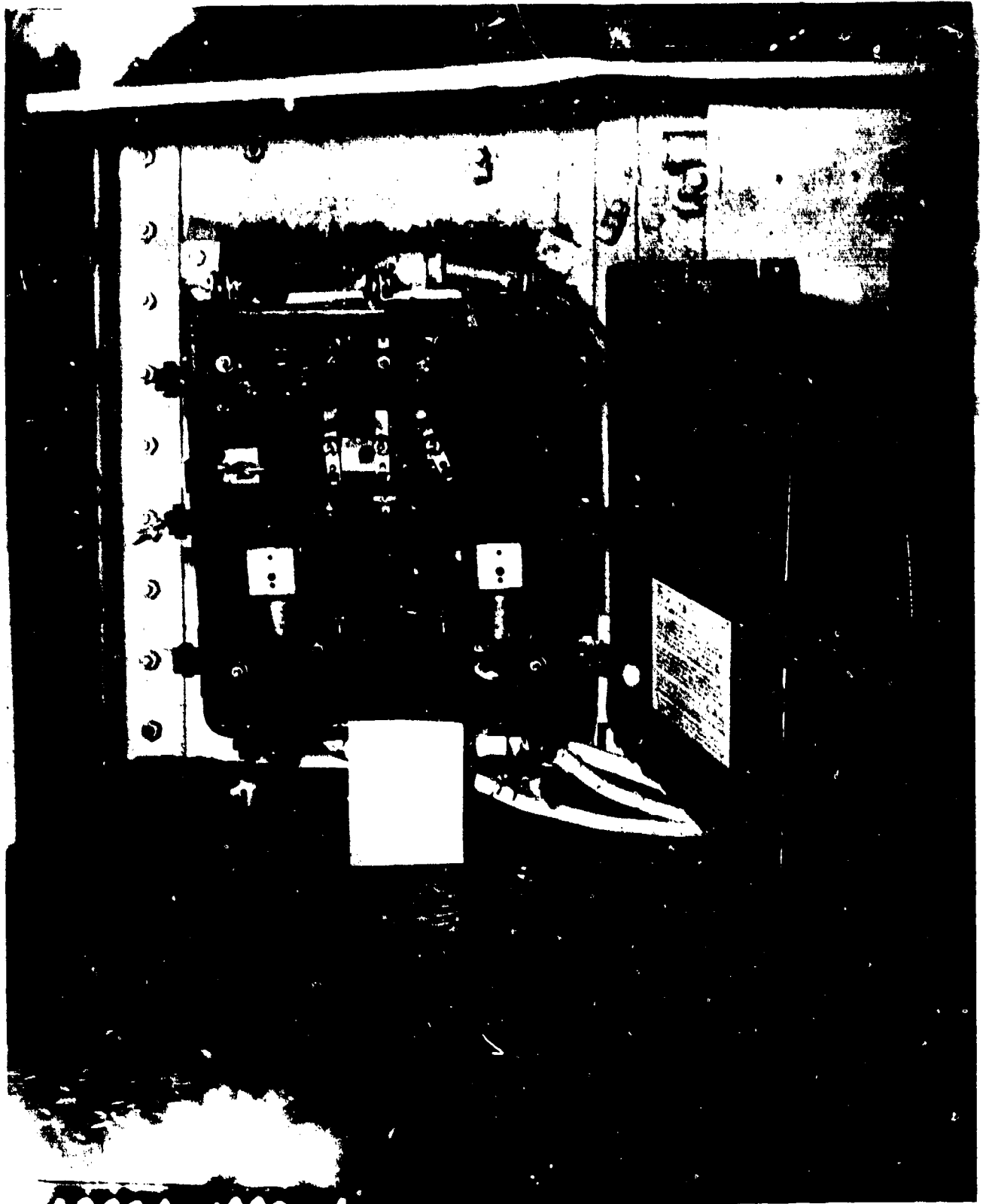


AA-CR-234-1984-12

U.S.S. RALPH TALBOT (DD-390) - After Able
Stable Element, Mk. 2, Mod. 1, and Gun Director,
Mk. 33, shield (Gun Director, Mk. 33).
Showing the cross level telescope mounting
bracket separated from the stable element
case, and the cracks in the director shield.
Photo. No. AA-CR-234-1984-12

SECRET

(S) to Director Ship Material Serial 601500.



U.S.S. RALPH TALBOT (DD-390) - After Able
Gun Director, Mk. 33 (Control Panel)
Showing bent and displaced contact in 440
Volt Controller Unit.
Photo. No. AA-CR-234-1992-1.

SECRET

Enclosure (E) to Director Ship Material Serial 001500.



U.S.S. RALPH TALBOT (DD-390) - After Able
Gun Director, Mk. 33, Mod. 8, Serial No. 46
(Outside Shield)
Showing the detrusion in the cross-leveler's telescope
cover-securing ring made by the telescope housing.
Photo. No. AA-CR-234-1992-2.

SECRET

Enclosure (D) to Director: Ship Material Serial 001500.



U.S.S. BELLEFLORE (DD-390) - After Action
Gun Director, Mk. 51, No. 1, Serial No. 246
(Atop the After Deck House)
Showing the broken trunion support of the gun sight,
Mk. 14, Mod. 8, Serial No. 112801, and the location
point on right-hand side of the gun sight.
Photo. No. AA-01-237-1992-3.

SECRET

Enclosure (D) to Director Ship Material Serial 0015-0.

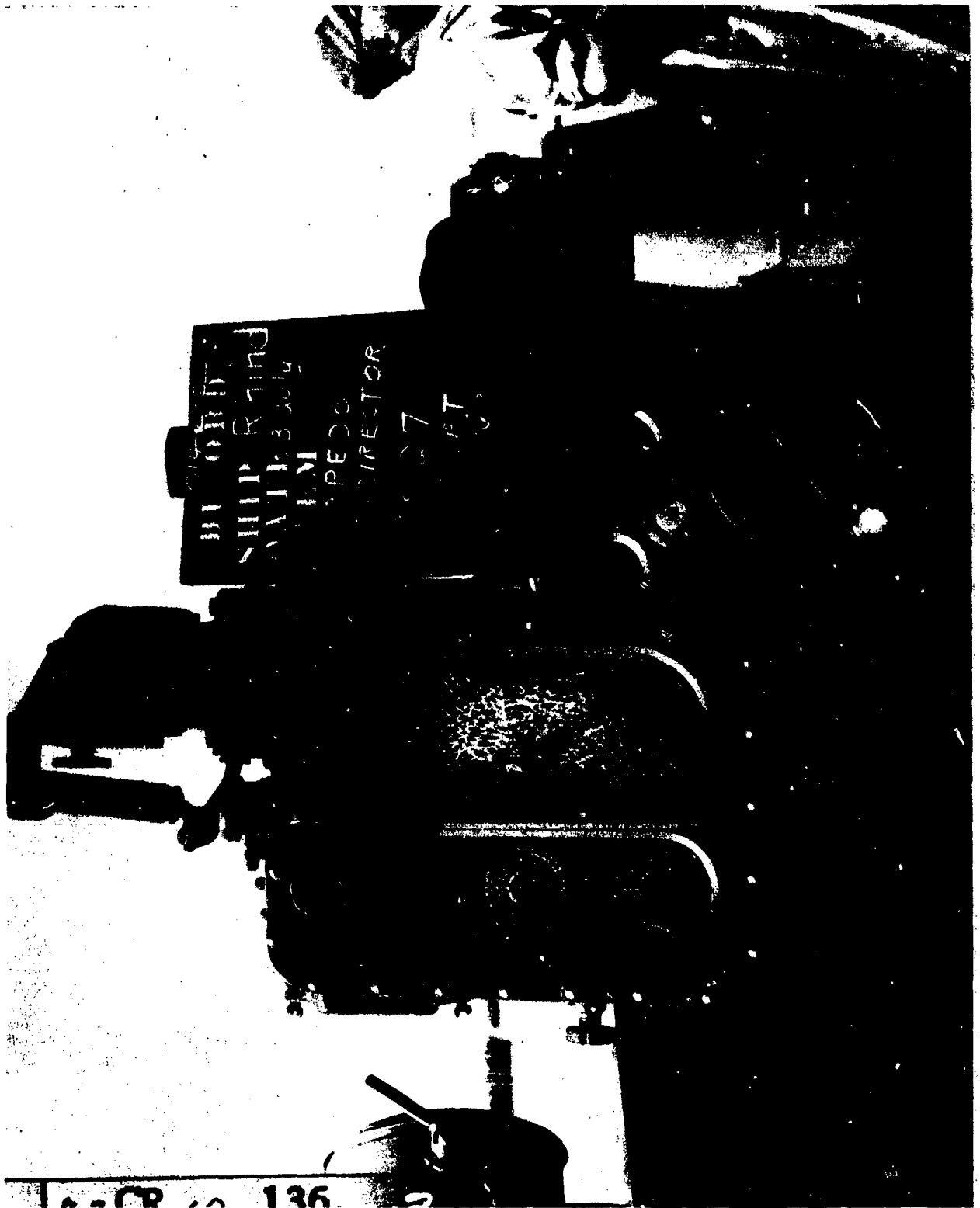


AA CR 60-136 -

U.S.S. HIND (DD-404) - After Able
Antenna Radar, Mk. 28, and Gun Director, Mk. 33,
Mod. 9 (Forward superstructure).
Showing twisted reflector and damaged feed of the
radar antenna and the sprung door, burned paint,
and cracked shield of the director.
Photo. No. AA-CR-60-136-1.

SECRET

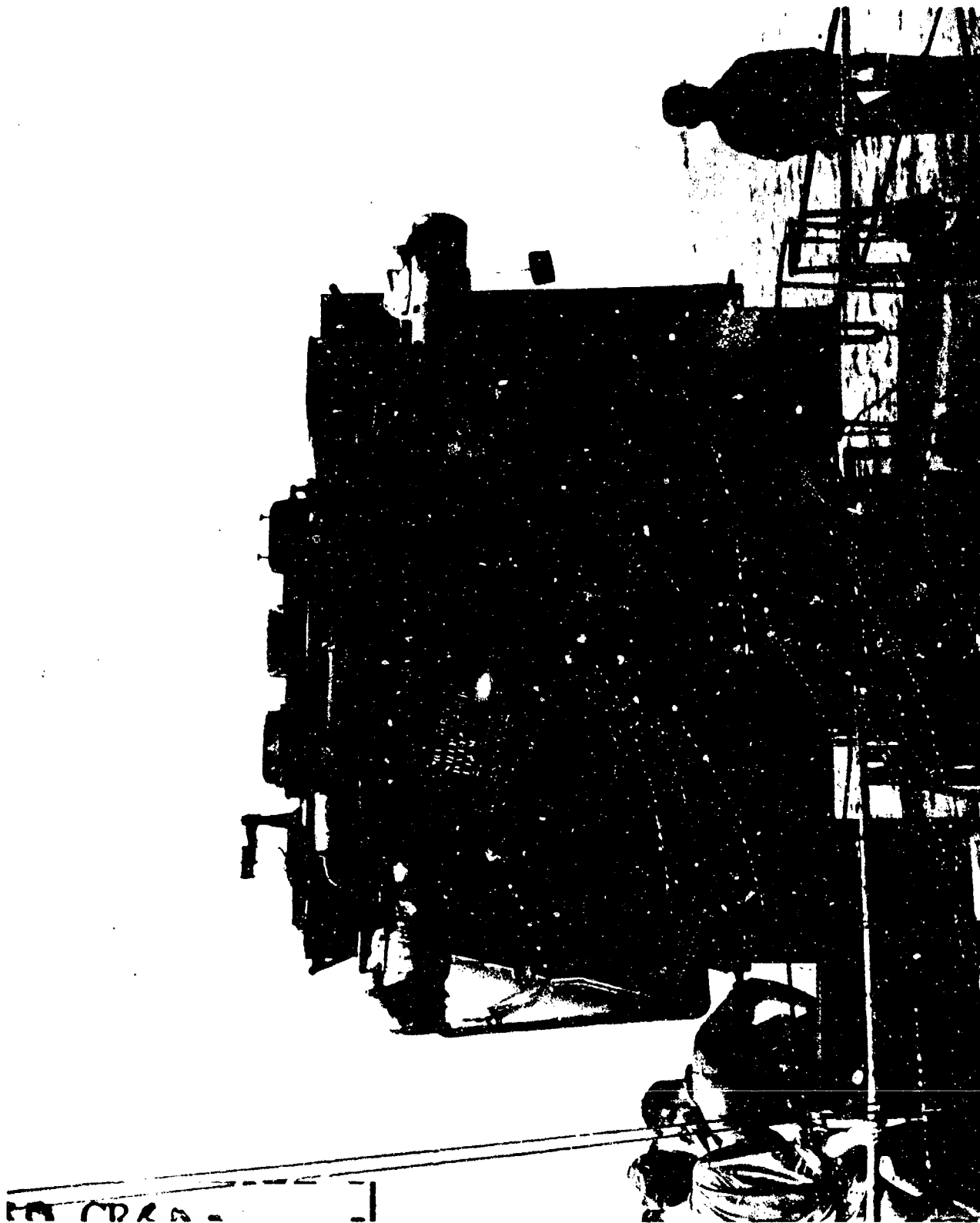
Enclosure (1) to Director Ship Material Serial 001500.



U.S.S. RHIND (DD-404) - After Able
Torpedo Director, Mk. 27 - Mod. 1, Serial #1986 (Port
Showing the shattered glass window covering the
own ship and target dial group.
Photo. No. AA-CR-60-136-3

SECRET

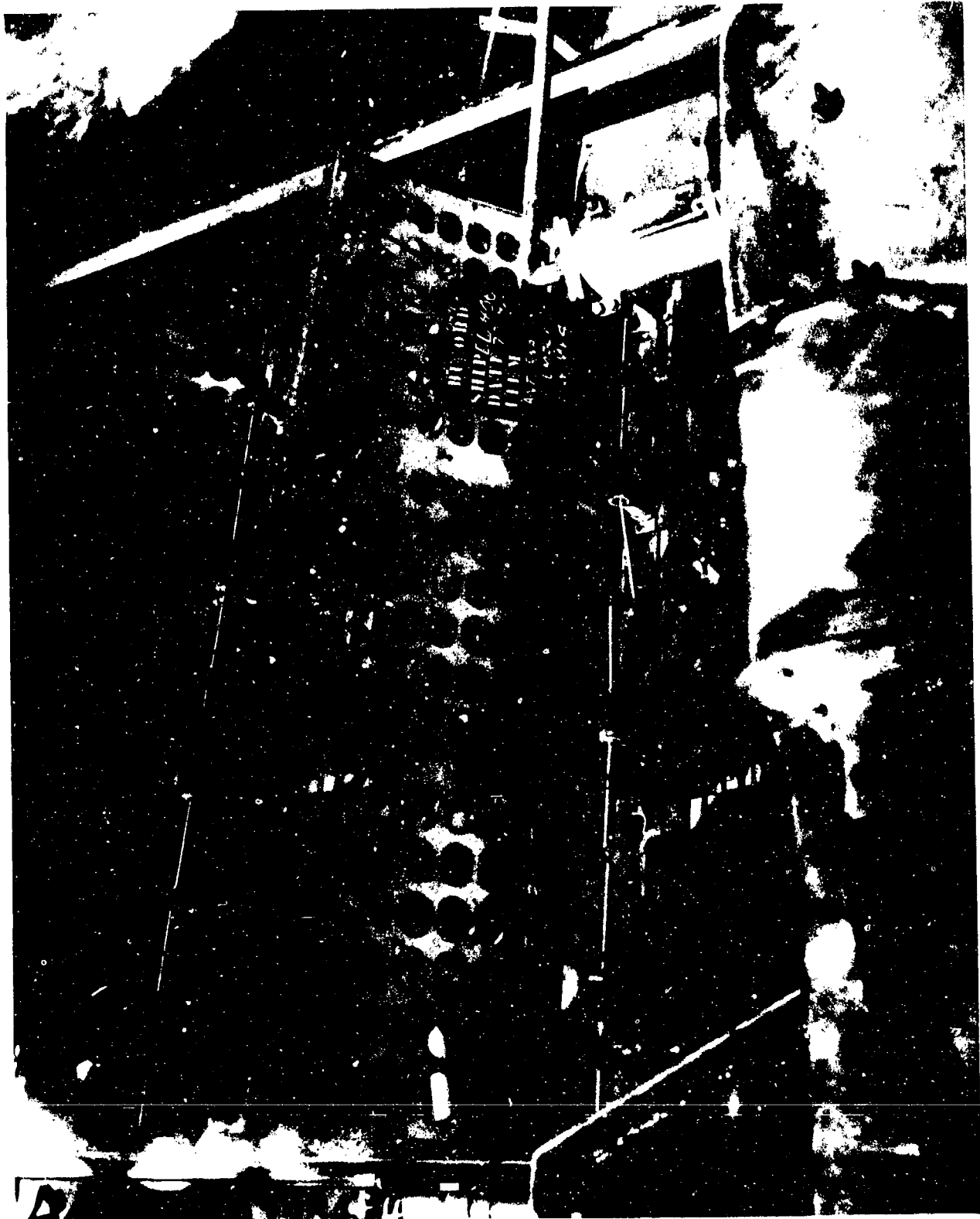
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. RHIND (DD-404) - After Able
Radar Antenna, Mk. 28 (Gun Director, Mk. 33)
Showing folded and torn antenna reflector and
broken plastic dipole cover.
Photo. No. AA-CR-60-1556-11.

S E C R E T

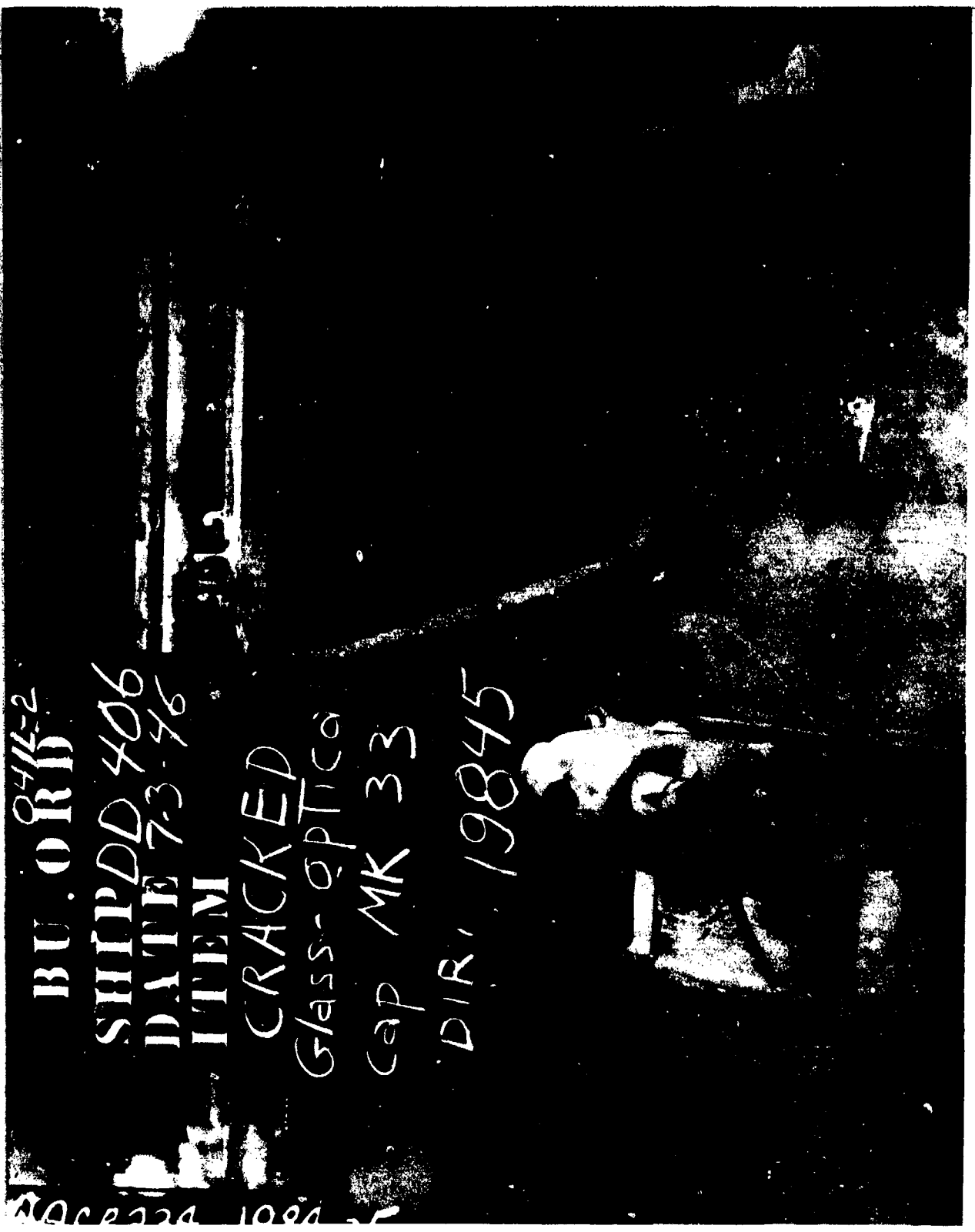
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. STACK (DD-406) - After Able
Radar Antenna CW 66AAH for Fire Control
Radar Equipment, Mk. 4, Mod. 1, Serial No. 296.
(located on front of Gun Director, Mk. 33)
Showing broken pyrex dipole covers.
Photo. No. AA-CR-234-1984-4.

S E C R E T

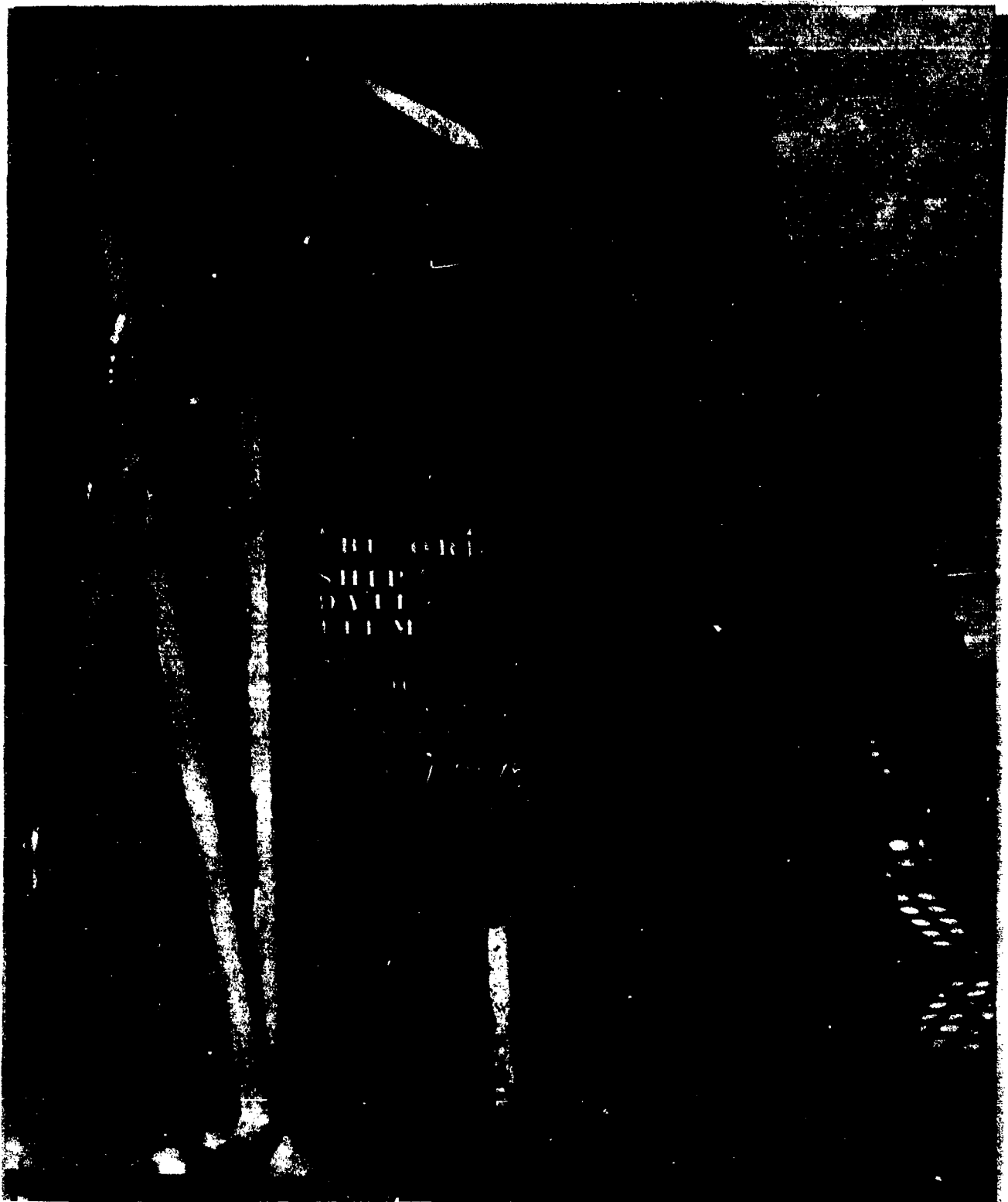
Enclosure (D) to Director Ship Material Serial 001500.



BU ORD ^{4/15-2}
 SHIPDD 406
 DATE 73-46
 ITEM
 CRACKED
 Glass-optical
 Cap MK 33
 DIR. 19845

000000 1984-5

U.S. ... (44-106) - After Ede
 for Director, k. 32, loc. 9, Serial No. 71
 (Location atop forward superstructure)
 showing cracked glass in optical cap for leveler's
 telescope.
 Photo. No. 44-106-1984-5



U.S.S. STACK (LD-406) - After Able
Gun Director, Mk. 33, Mod. 9, Serial No. 71
(location atop forward superstructure)
Showing frame of the right door broken loose
from the director shield, director shield dished-
in slightly and right door slightly sprung.
Photo. No. AA-CR-234-1984-6

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



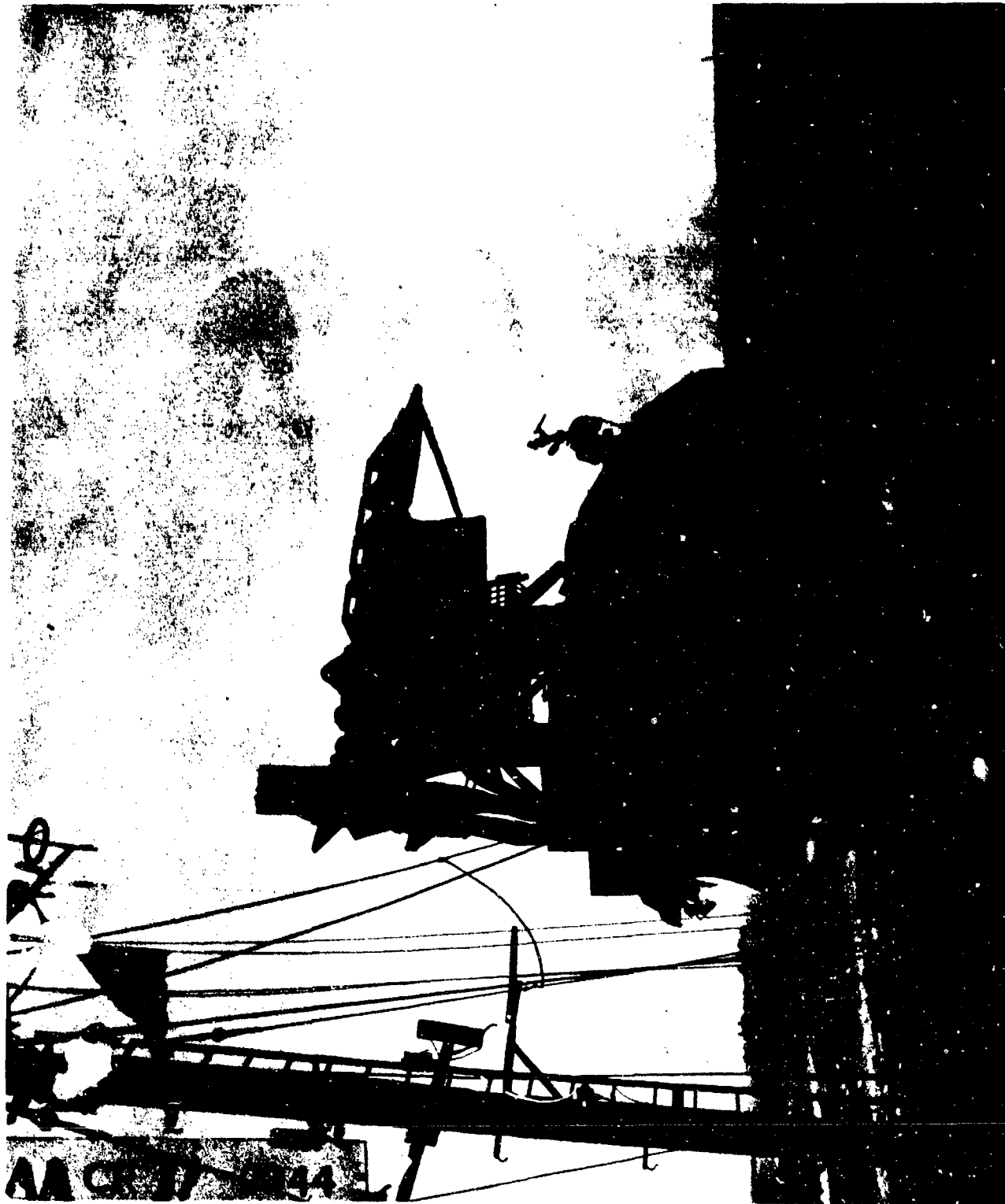
U.S.S. HUGHES (DD-410) - After Able
Fire Control Radar Equipment, Mk. 4, Mod. 0, Serial
No. 1231, and Mk. 22, Mod. 0, Serial No. 518 located on
the Gun Director, Mk. 37, showing the distorted upper
semi-parabolic reflector of the Radar, Mk. 4, the after
cross-level trunnion out of its bearing, and the
antenna of the Radar, Mk. 22, twisted about 180°
from its normal position.
Photo. No. AA-CR-71-2044-6.

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U.S.S. HUGHES (DD-410) - After Able
Fire Control Radar Equipment, Mk. 4, Mod. 0, Serial
No. 1231, and Mk. 22, Mod. 0, Serial No. 518, located
on the Gun Director, mk. 37, showing the bottom
semi-parabolic reflector of the Radar, Mk. 4, smashed
against the antenna mount, and the antenna of the
Radar Mk. 22, twisted about 180° from its normal position.
Photo. No. AA-CR-71-2044-7.

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Enclosure (D) to Director Ship Material Serial 001500.

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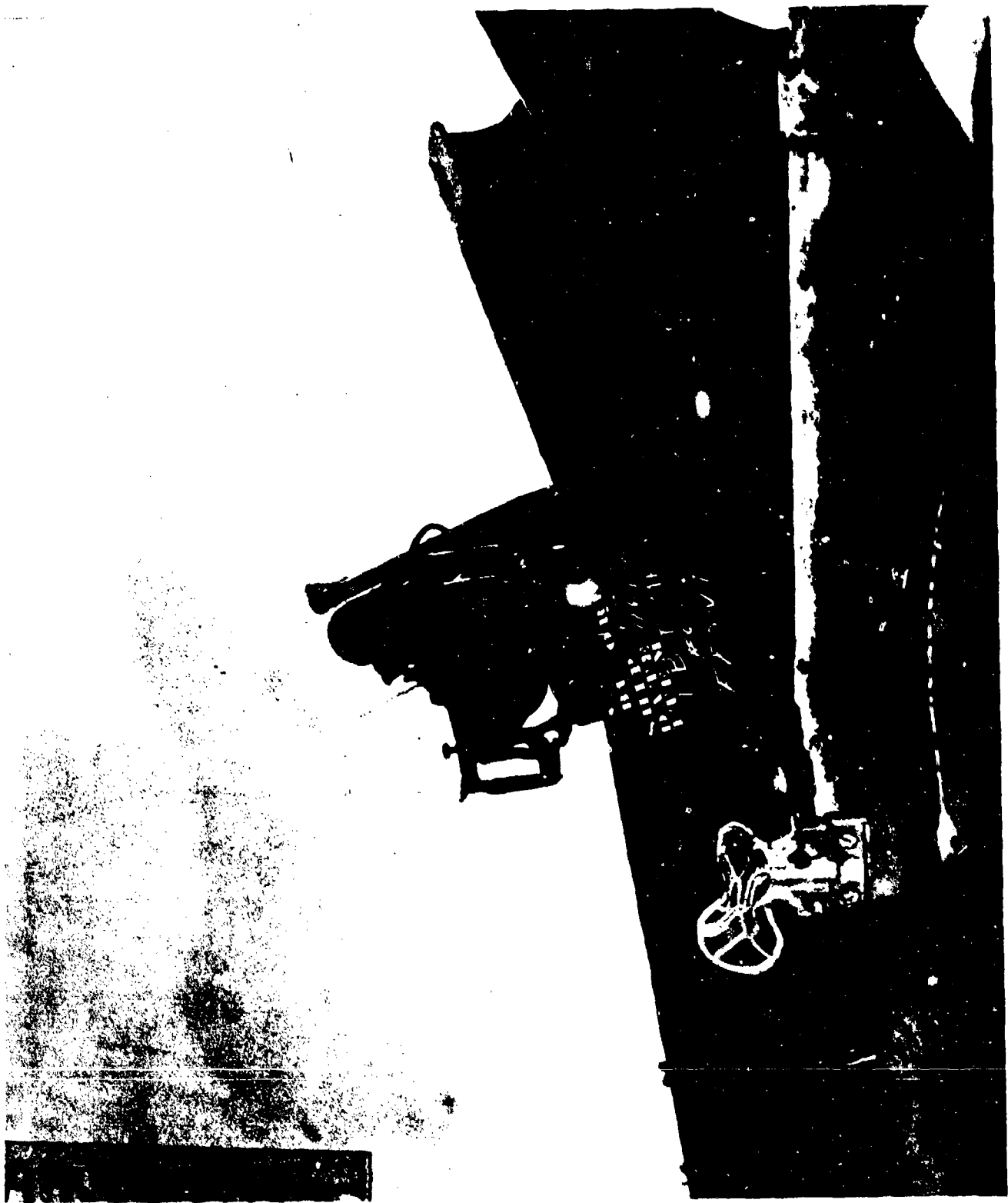


U.S.S. SARATOGA (CV-3) - After Able
Gun Sight, Mk. 14 - Mod. 6, (Port 20 MM Gun #8)
Showing scorched paint on side facing the blast.
Photo. No. AA-CR-234-1984-3.

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U.S.S. SKATE (SS-305) - After Able
Target Bearing Transmitter, Mk. 9,
Serial 62, located on the bridge.
Showing a rear view of the upper assembly.
Photo. No. AA-CR-79-1978-2.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SKATE (SS-305) - After Able
Target Bearing Transmitter, Mk. 9,
Serial 62, located on the bridge.
Showing the bottom view of the target
bearing transmitter mounting.
Photo. No. AA-CR-79-1978-3.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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ABCR 100-4203-3	Gun Director, Mark 33, (Fwd)	195
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U.S.S. HUGHES (DD-410)

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Enclosure (D) to Director Ship Material Serial 001500.

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TEST "B" - (Continued)

U.S.S. HUGHES (DD-410) - (Continued)

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ABCR 62-4166-12	Rangefinder, Mark 65, (Signal Bridge)	211
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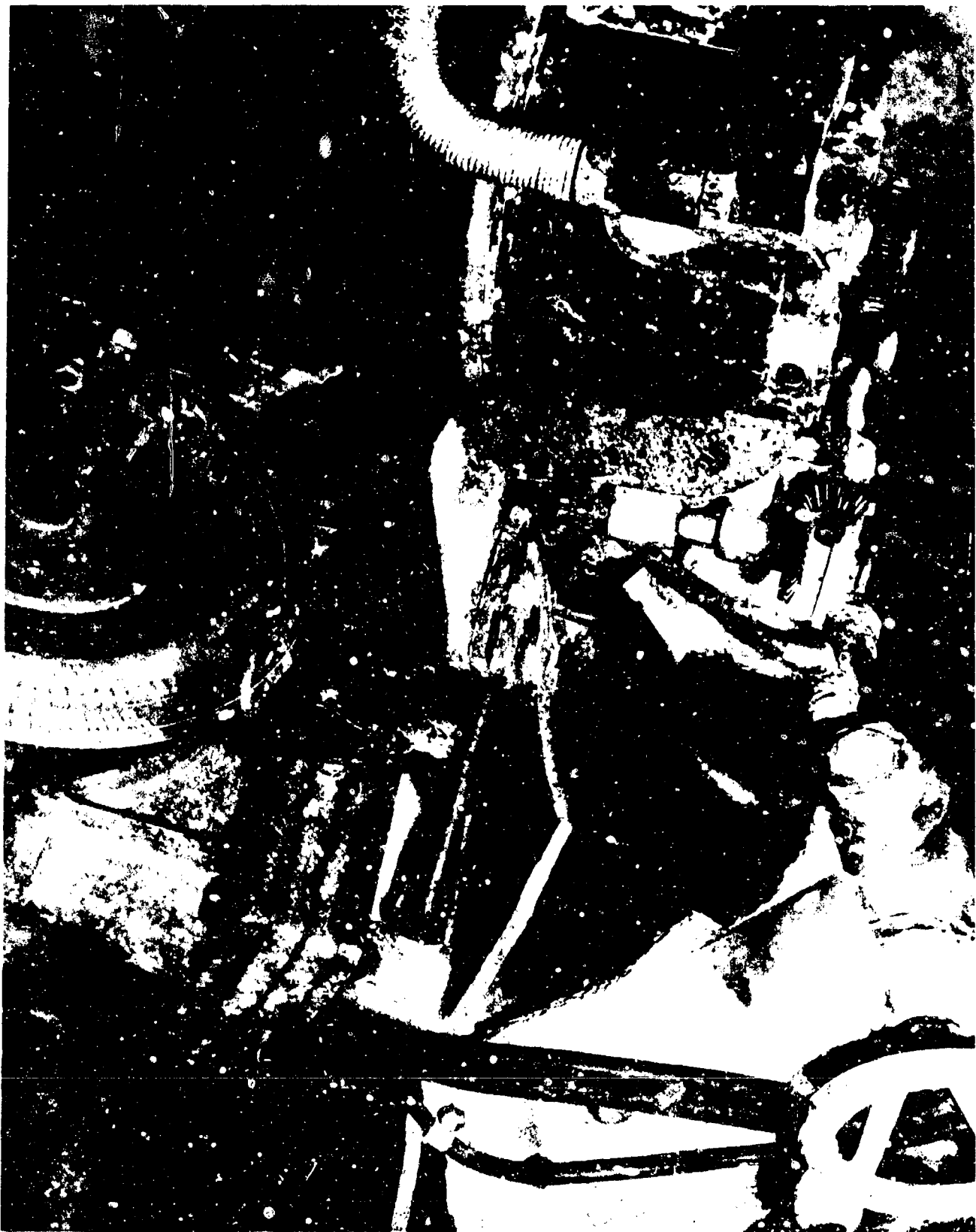
U.S.S. GASCONADE (APA-85)

ABCR 100-4210-10	Rangefinder, Mark 65, (Signal Bridge)	213
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U.S.S. NEW YORK (BB-34) - After Baker
Gun Director, Mk. 6 (Secondary Aft-Stbd. Side)
Shows demolished Gun Director.
Photo. No. AF-CR-22-4221-8.

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U.S.S. NEW YORK (BB-34) - After Baker
Gun Director, Mk. 6 (Secondary Aft-Stbd. side)
Shows after side of broken carriage.
Photo. No. AB-CR-82-4221-9.

SECRET

Enclosure (L) to Director Ship Material Serial 001500.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.



U.S.S. NEW YORK (BB-34) - After Baker
Gun Director, Mk. 6 (Secondary Aft Port Side)
Shows Range Keeper and deflection converter,
Mk. 2, lying on deck.
Photo. No. AB-CR-82-4221-10.

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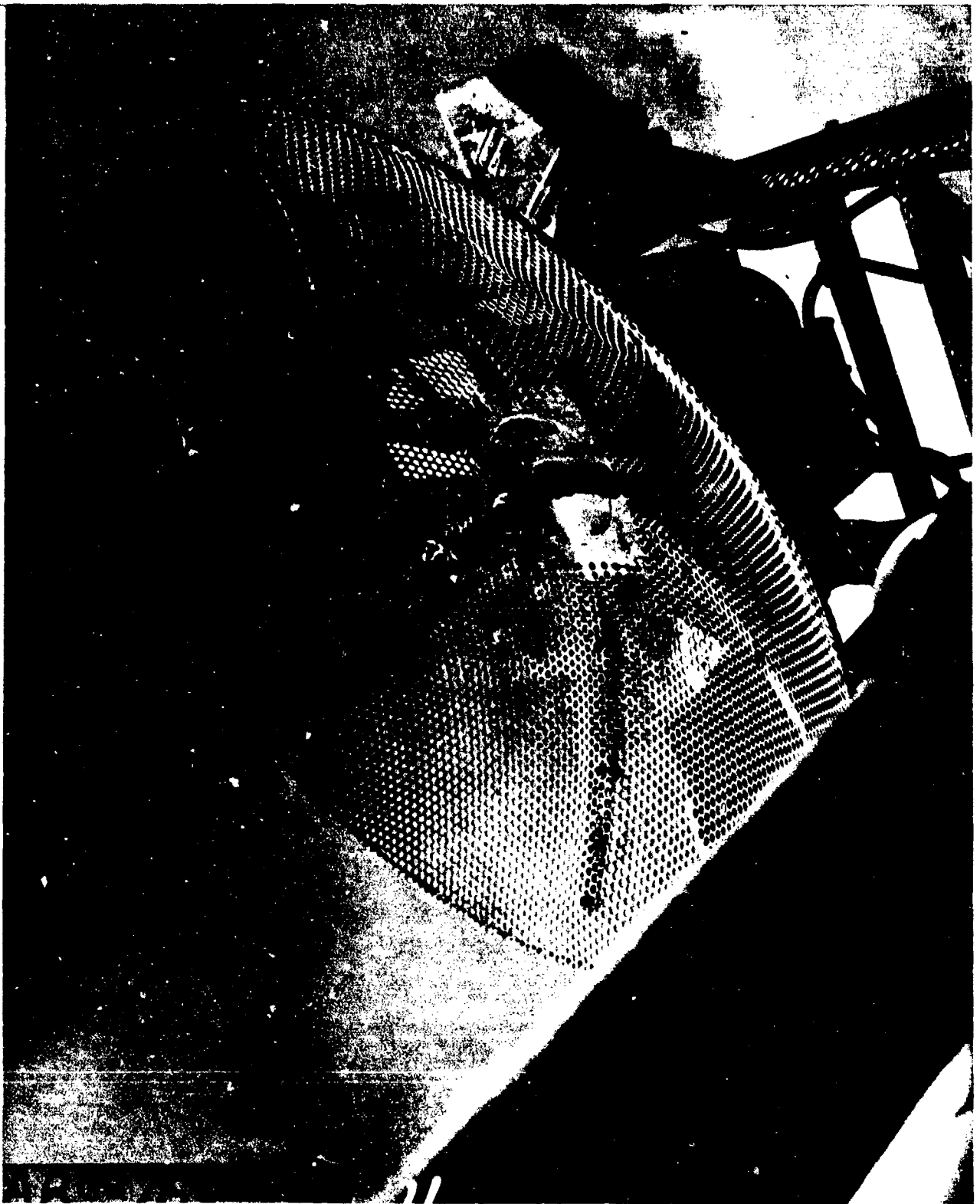
U.S.S. NEW YORK (BB-34) - After Baker
Gun Director, Mk. 6 (Secondary Aft Port Side)
Shows forward top side of carriage.
Photo. No. AB-CR-82-4221-11.

ENCLOSURE

Enclosure (1) to Director Ship Material Serial 001700.

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U.S.S. PENNSYLVANIA (BB-38) - After Baker
Fire Control Radar Equipment, Mk. 28, Mod. 2,
Ser. #262, located on GFCS, Mk. 63, Port side,
Aft, showing plexiglas antenna cover broken
by shock and bulges in surface of paraboloidal
reflector.
Photo.No. ABCR 76-1934-11.

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U.S.S. PENNSYLVANIA (BB-39) - After Baker.
Fire Control Radar Equipment, Mk. 12, Mod. 1,
Ser. #500, showing cracked cast light-metal
alloy main crosslevel support beam.
Photo.No. AB33 76-1934-12.

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U.S.S. PENNSYLVANIA (BB-38) - After Baker
Antenna Mount, Fire Control Radar Equipment,
Mk. 12, Mod. 1, Serial No. 500, located on the
Gun Director, Mk. 37, starboard.
Showing the ruptured edge of the cast light-metal
alloy main crosslevel support beam.
Photo. No. AB-CR-76-2075-2.

S E C R E T

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U.S.S. PENNSYLVANIA (BB-38) - After Baker
Antenna Mount, Fire Control Radar Equipment,
Mk. 12, Mod. 1, Serial No. 499, located on the
Gun Director, Mk. 37, port.
Showing the crosslevel trunnion bearing out
of its support.
Photo. No. AB-CR-76-2075-3.

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View of Gun Director (G-1) - Antenna Mount, Antenna Mount, Flare Control and Skid Mount, Mark 12, Rev. 1, Serial No. 286, location on the Gun Director, Mark 12, port, showing the bent and a new level frame on bearing supports.
Photo. No. AFOS 76-2076-4.

SECRET

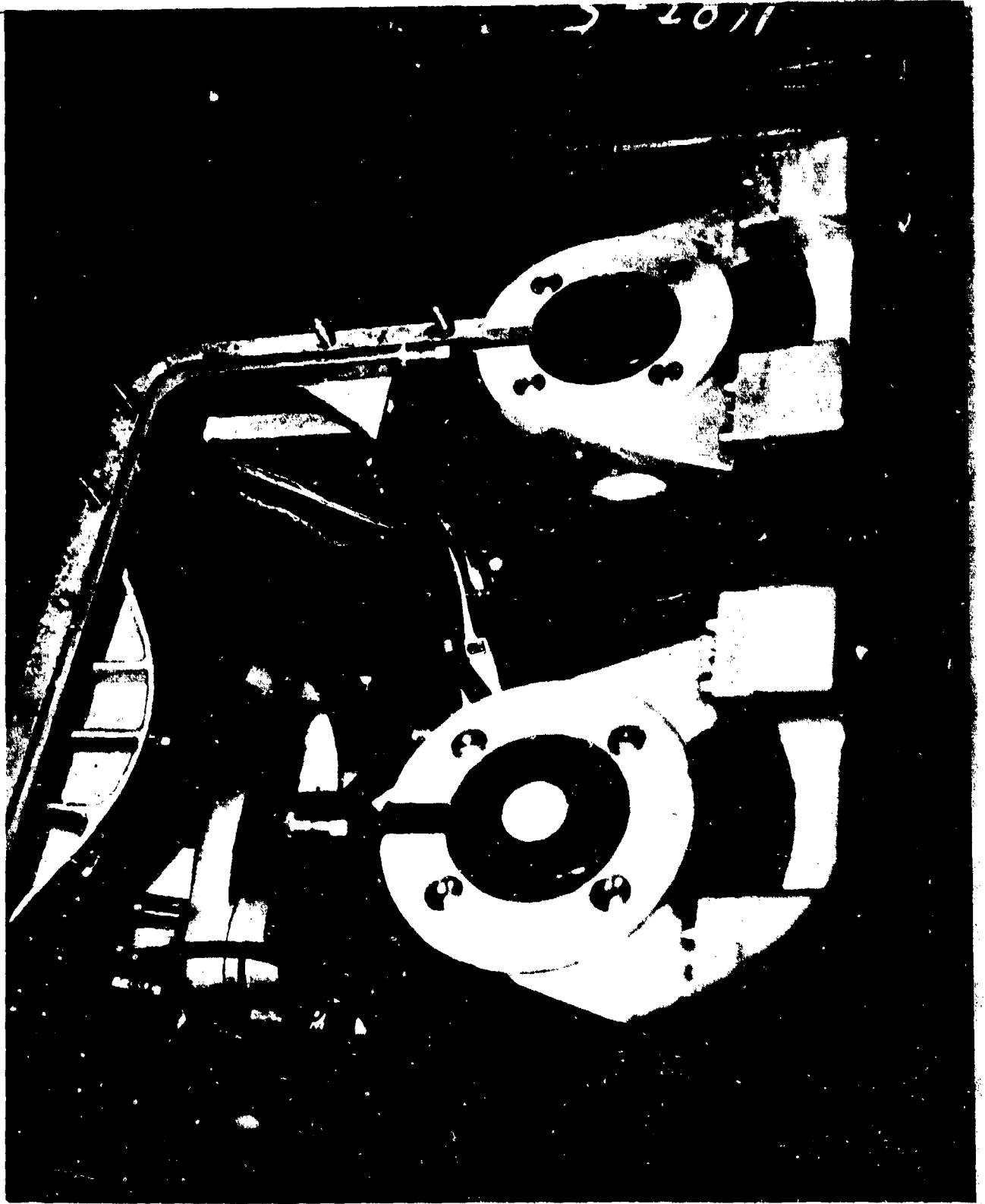
Enclosure (1) to Director Shipboard Special 001804.



U.S.S. PENSACOLA - CA24 - After Baker
Gun Director, Mark 33 (Aft). View of
under side showing director displaced
from its roller path.
Photo. No. ABCR 78-1683-3.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



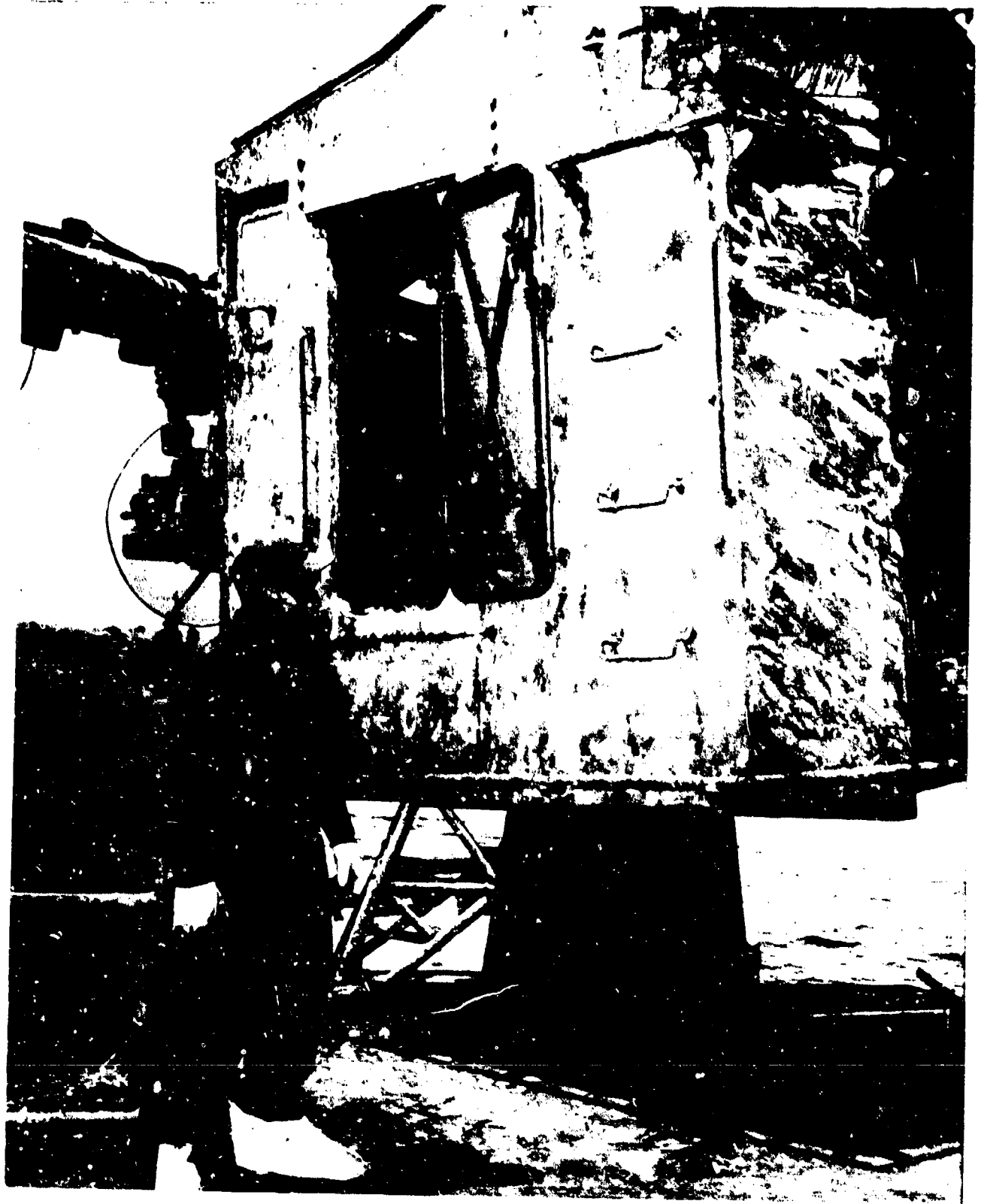
U.S.S. PENSACOLA (CA-24) - After Baker
Stable Element, Mark 2 (Gun Director, Mark 33 Art).
Shows crack on inside of case above level follow-up
motor.
Photo. No. AB-CR 78-1683-5.

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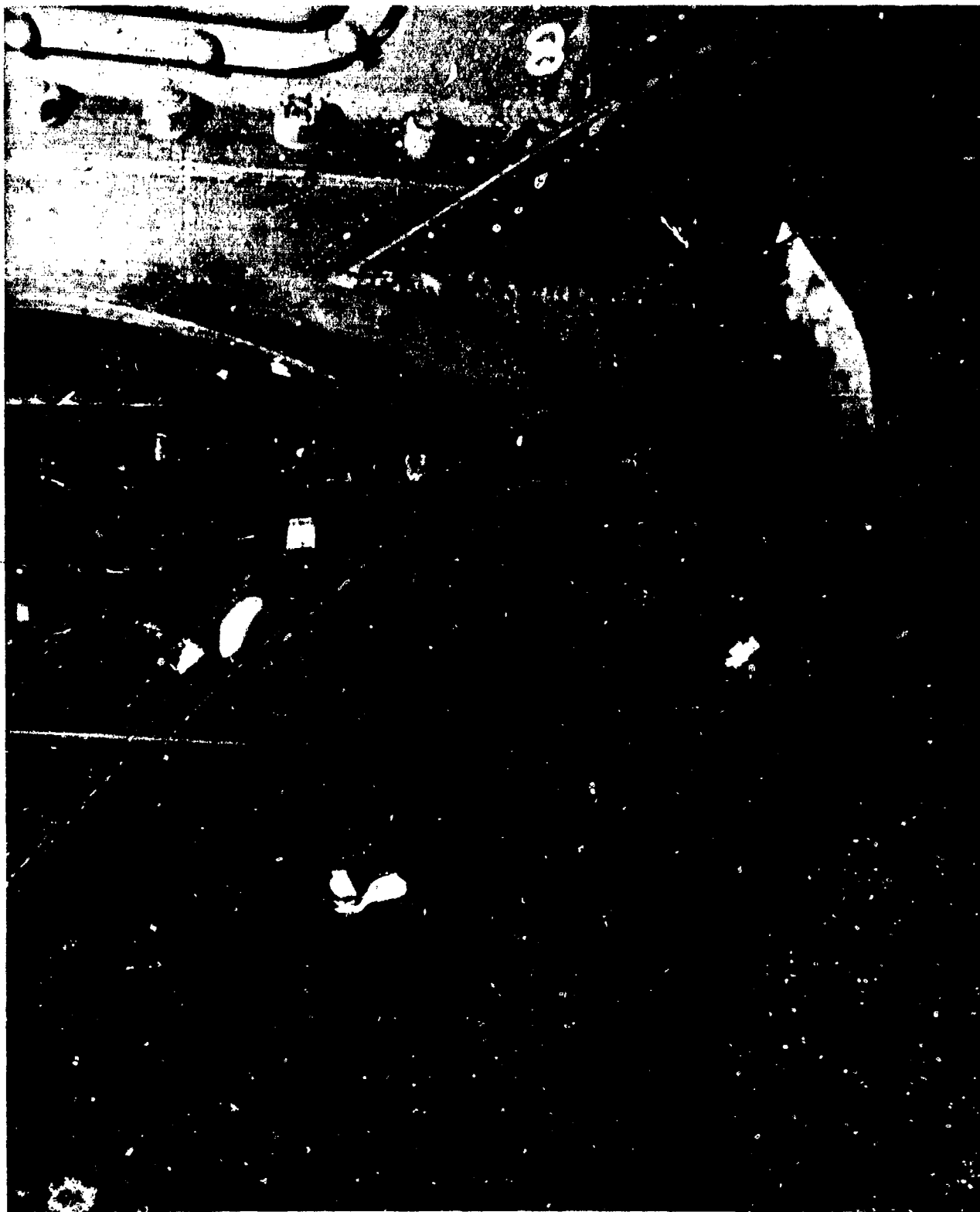
U.S.S. PENSACOLA (CA-24) - After Baker
Gun Director, Mk. 33 (Aft). Shows rear
of director shield dished by the blast and
director tilted and off roller path.
Photo. No. AB-CR 78-1683-7.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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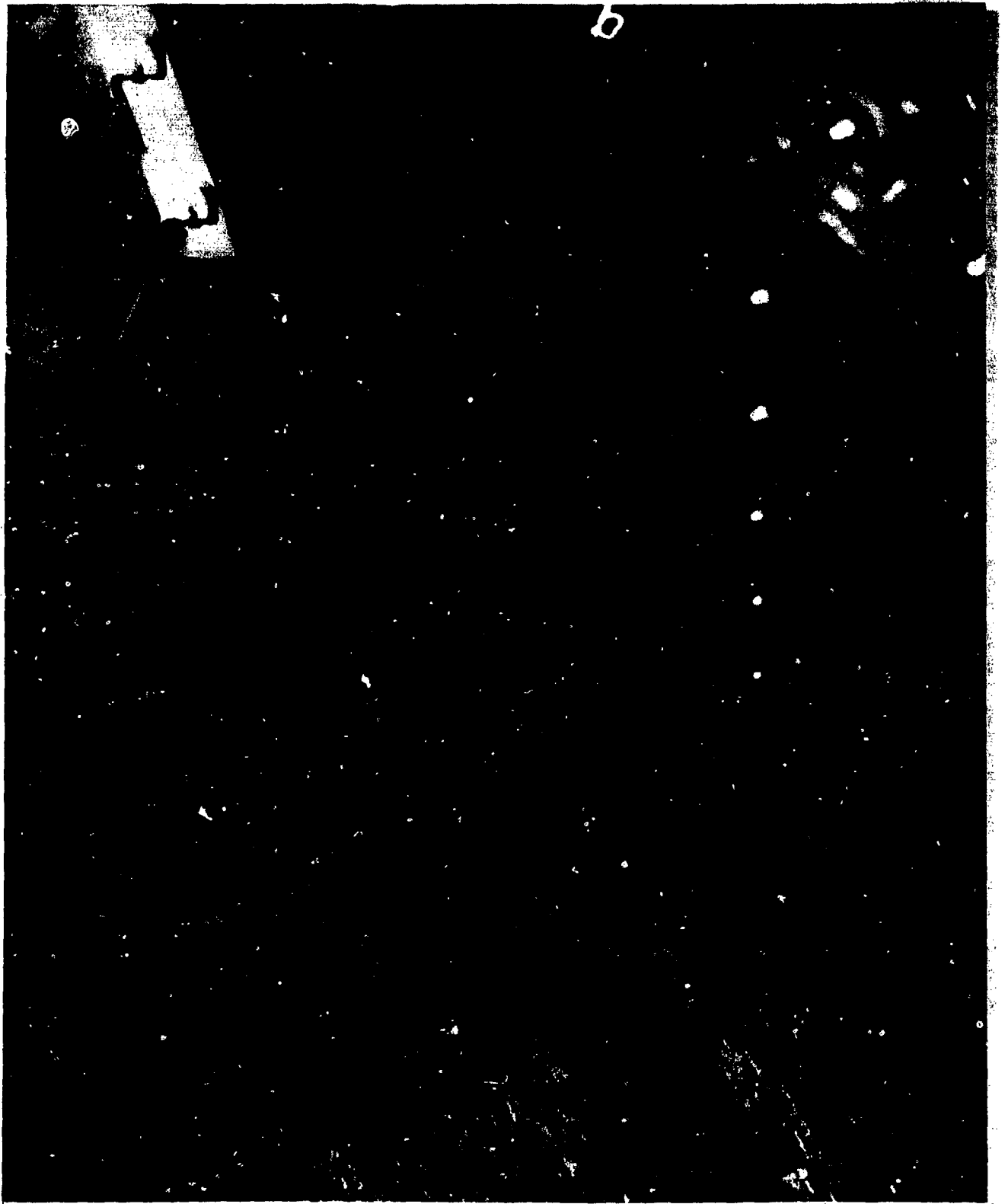
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184. PIRACORA - QM24 - after Baker
Stable Element Mark 2 (Gas Director
Mark 3, 101). Shows broken thyatron
tubes in Stable Element follow-up sys-
tem.
Photo. No. AICN 78-160149.

SECRET

Enclosure (1) to Director S&D Material Serial 101900.



U.S.S. PENSACOLA - CA24 - After Baker
Gun Director, Mark 35, (Aft). Shows
Cracked pedestal of pointer's telescope
and handwheels.
Photo. No. ABCR 78-1683-9

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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U.S.S. VENSACOLA - CA24 - After Baker
Gun Director, Mk. 35, (Aft). Shows
cracked pedestal of director pointer's
handwheels and telescope.
Photo. No. AFOR 78-1683-10.

FIGURE 1

Enclosure (1) to Director Ship Material Serial 0913

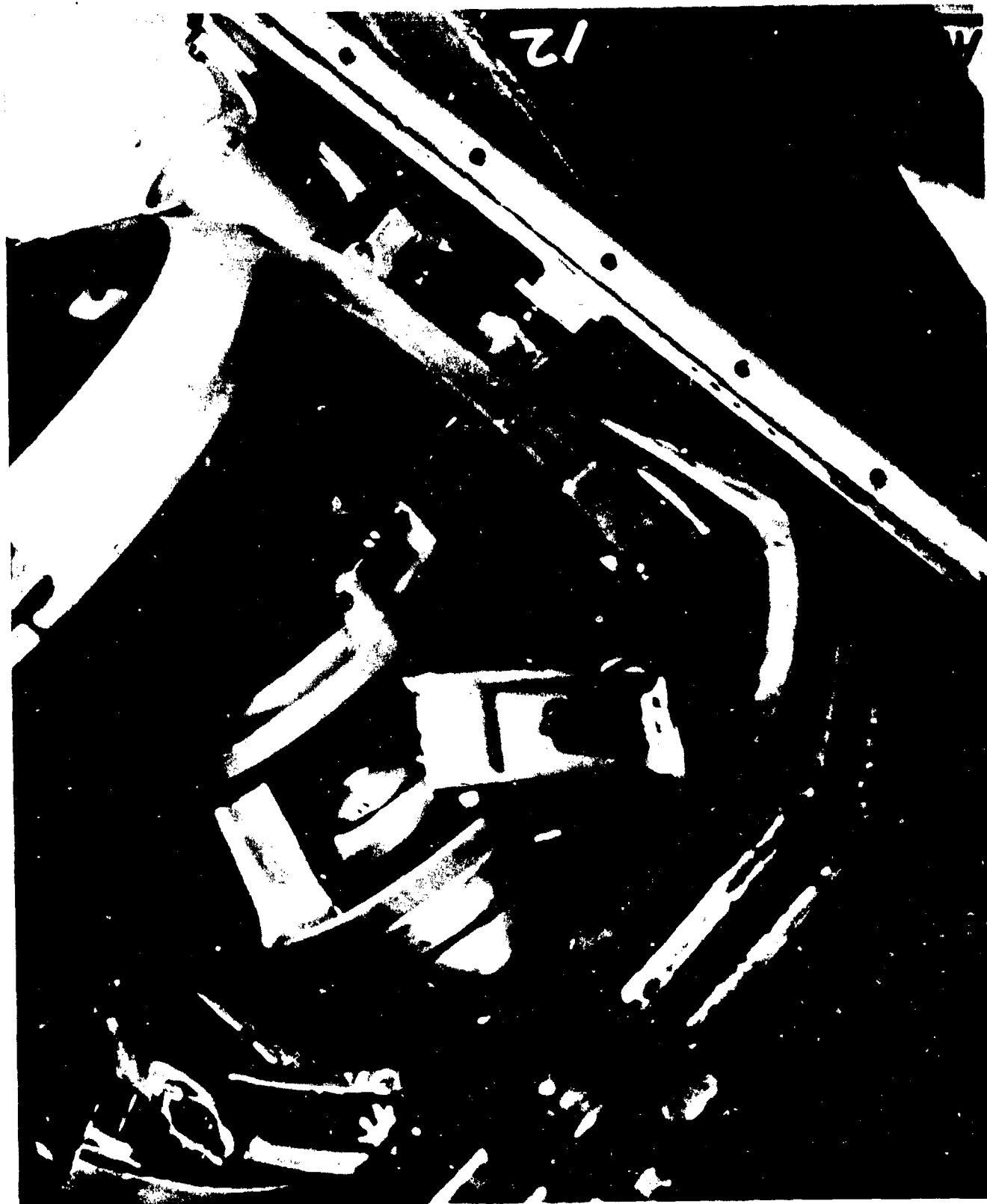
16 of 16



U.S.S. PENSACOLA (CA-24) - After Baker
Gun Director, Mk. 35 (Aft)
Shows cracked pedestal of trainer's handwheels
and telescopes.
Photo. No. AB-CR-78-1683-11.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



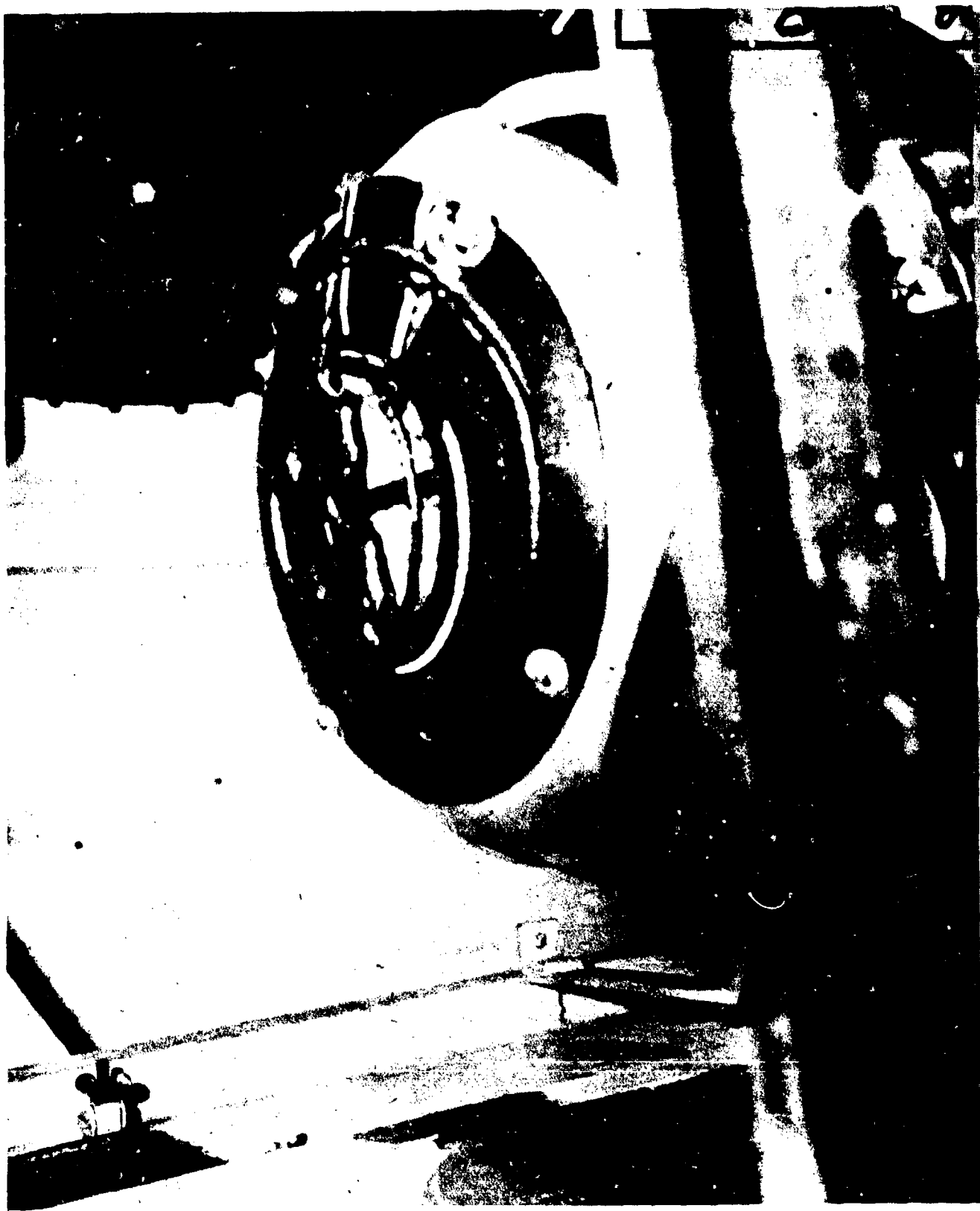
U.S.S. PENSACOLA - CA24 - After Baker
Stable Element, Mark 3 (Gun Director, Mark
35, Aft). Shows broken inner gimbal rings
in Stable Element.
Photo. No. ABCR 78-1683-12.

SECRET

Inclosure (b) to Director Ship Material Serial 601600.

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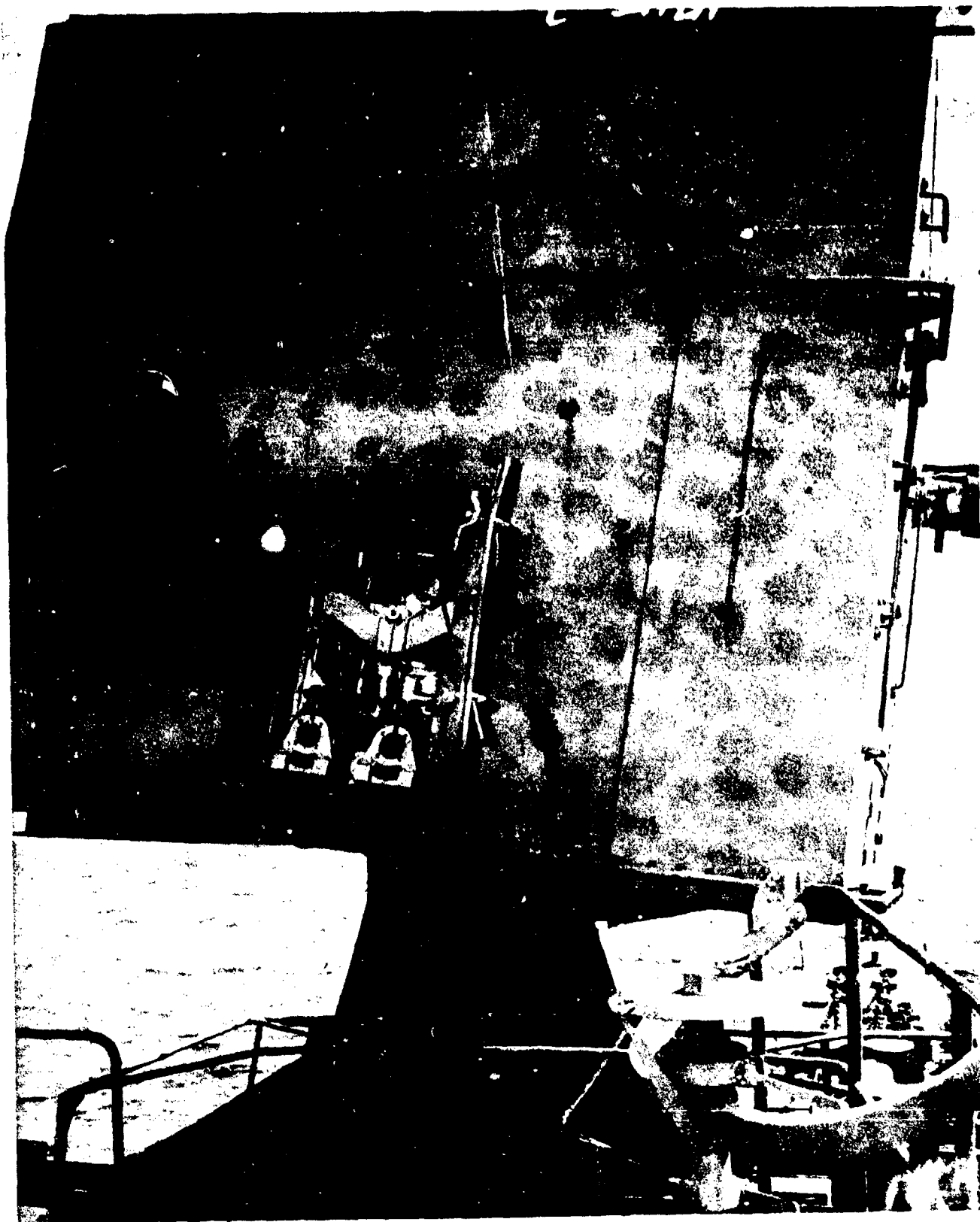
U.S.S. PENSACOLA - CA24 - After Baker
Stable Element, Mark 3 (Gun Director,
Mark 35 - Aft). Shows broken umbrella
on Stable Element.
Photo. No. ABCR 78-1715-1.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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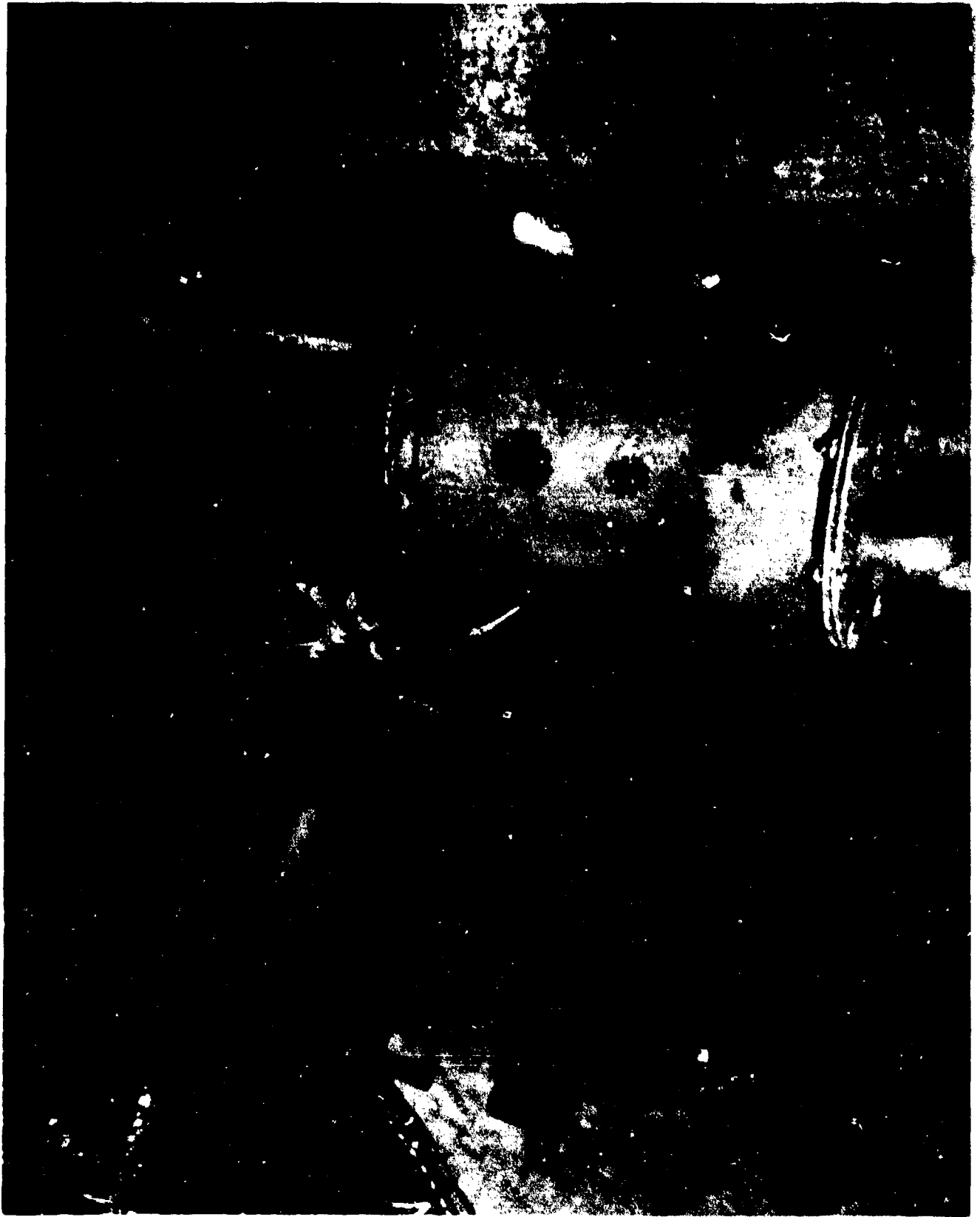
U.S.S. PENSACOLA -CA24 - After Baker
Gun Director Mark 33 (Fwd). Rear
view of director. Showing Director
tilted on roller path.
Photo. No. ABCR 78-1715-2.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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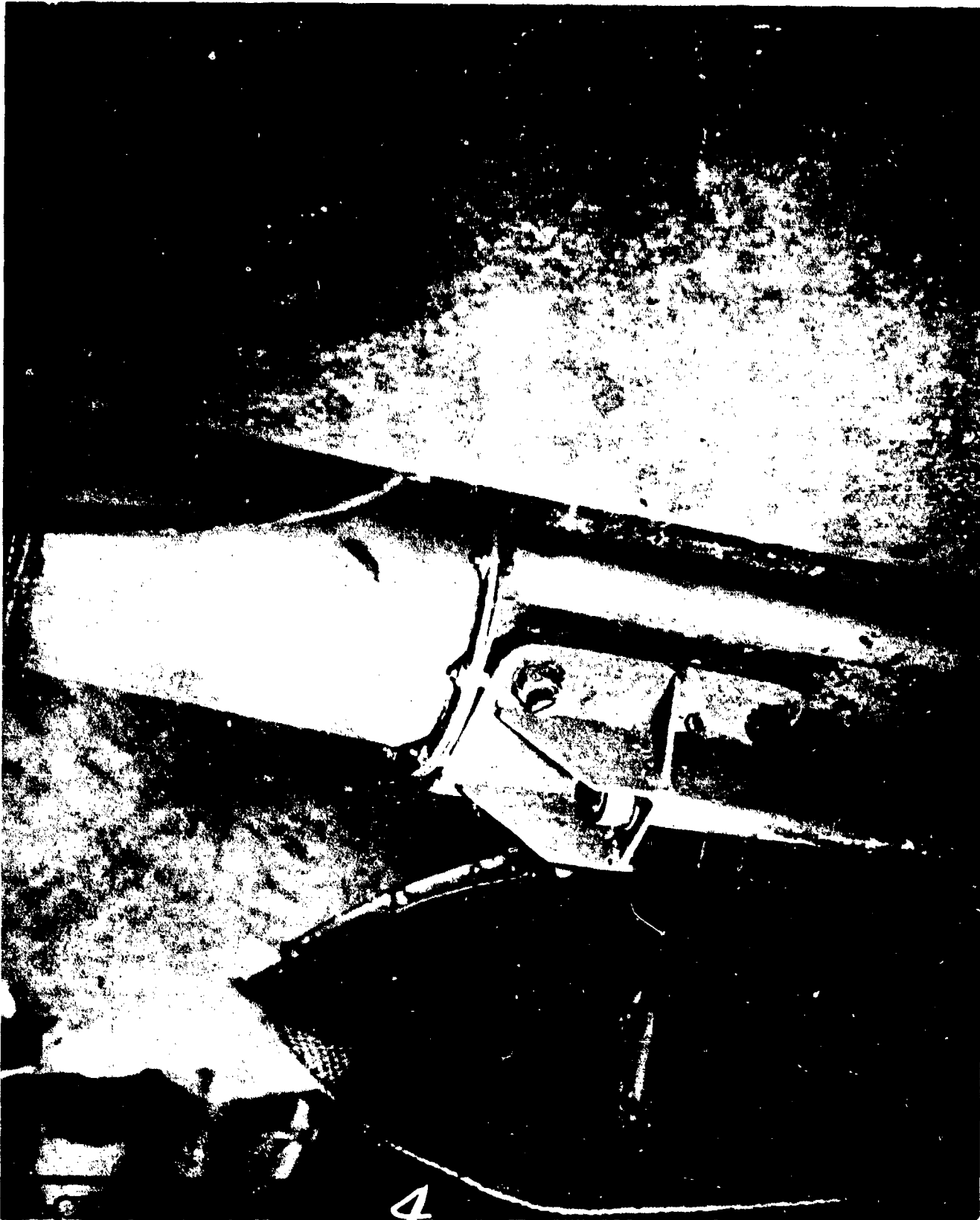
0212



U.S.S. PENSACOLA - CA24 - After Baker
Fire Control Radar Equipment, Mk. 26, Mod. 3
Showing cracked (1) level-trunnion support
Beam.
Photo. No. ARCH 78-1715-3

S E C R E T

Enclosure (D, to Director Ship Material Serial 001500.



U.S.S. PENSACOLA (CA-24) - After Baker
Fire Control Radar Equipment, Mk. 28, Mod. 3
Showing distorted level-trunnion support beam.
Photo. No. AB-CR 78-1715-4.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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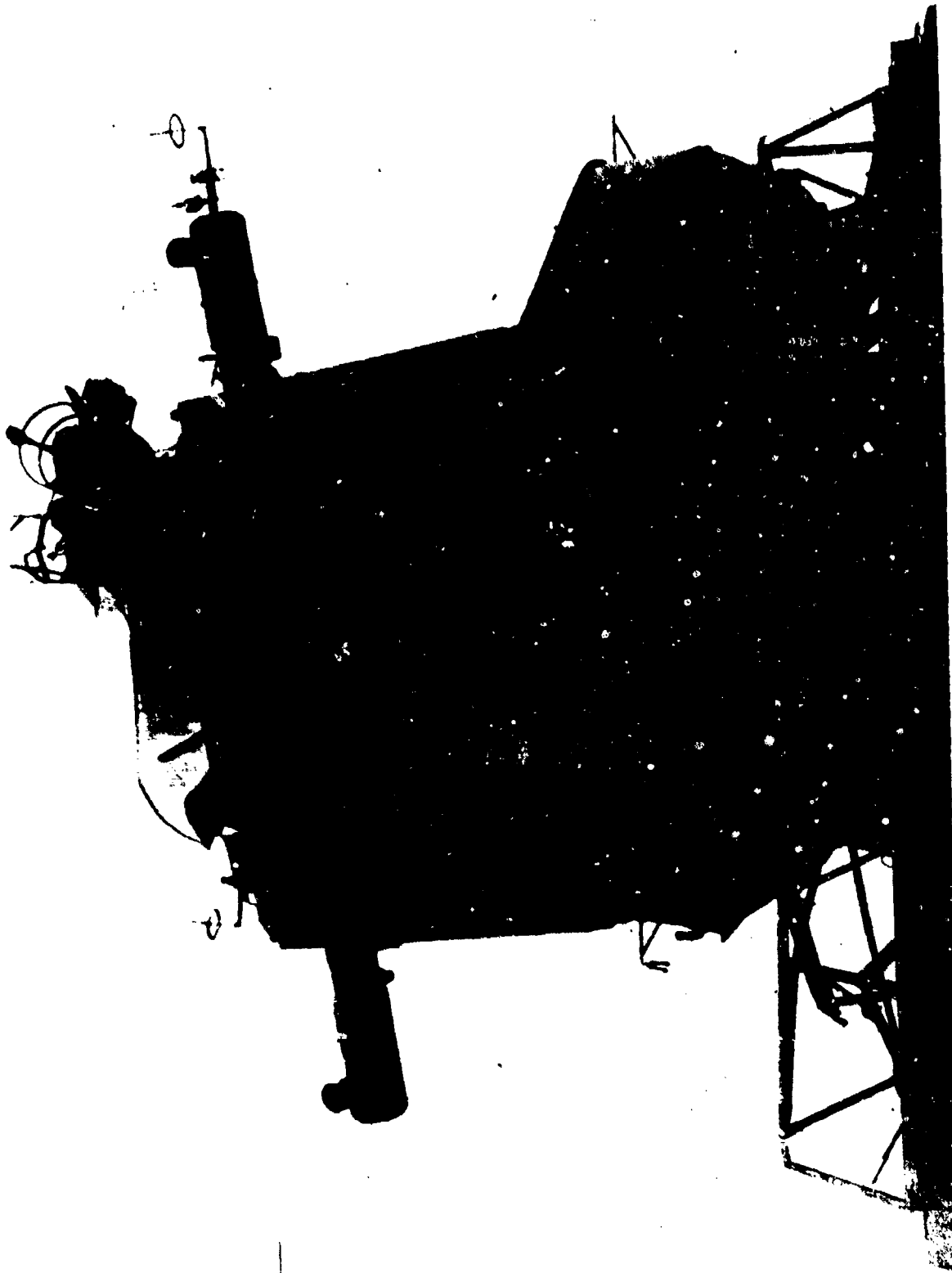
4212



U.S.S. PENSACOLA - CA-24 - After Baker
Gun Director, Mark 33 (Top of Pilot
House Fwd.). Shows Gun Director Tilted
on roller path.
Photo. No. ABCR 97-1684-1.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

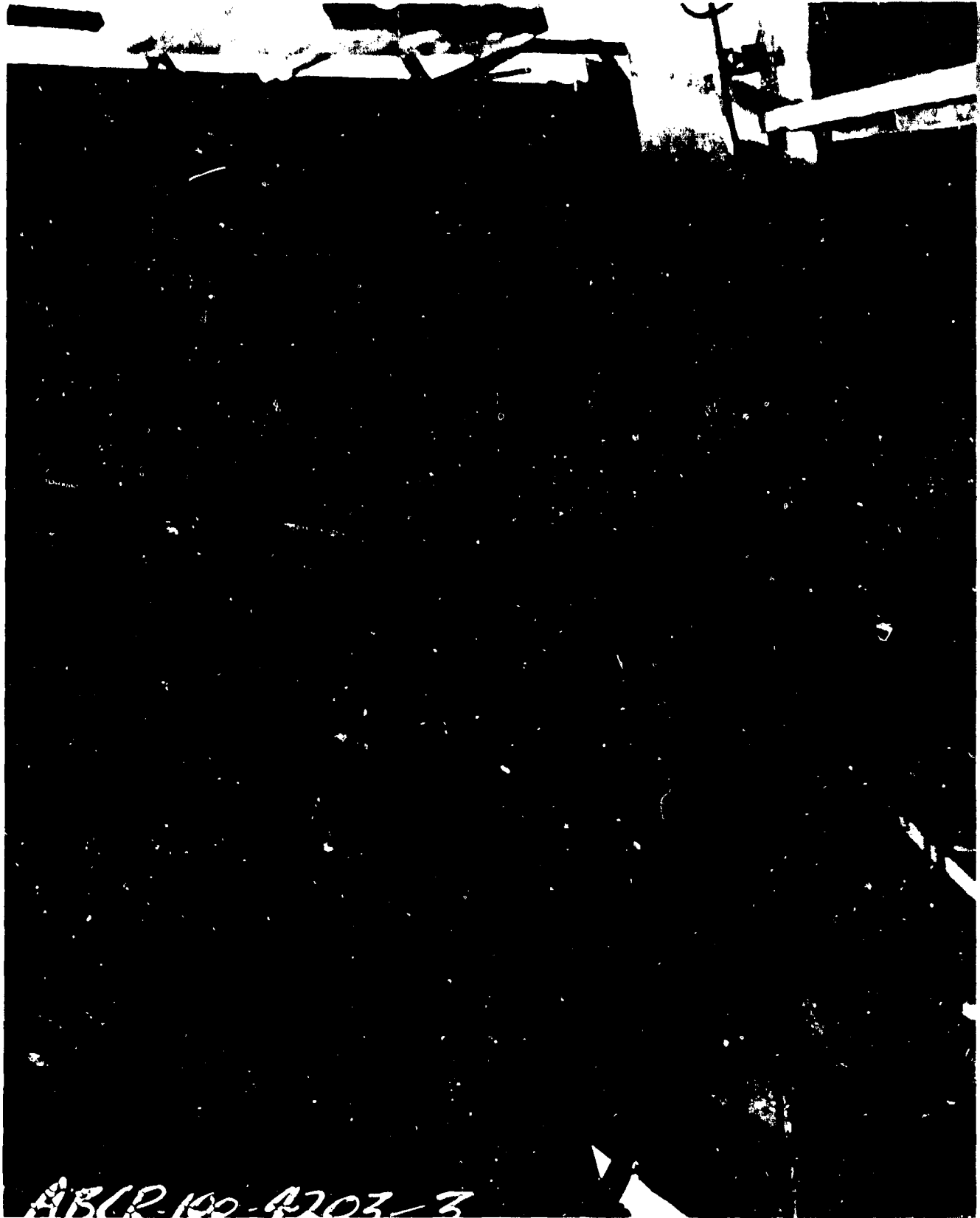


AB CR/00 - 4203 -

U.S.S. PENSACOLA - CA-24 - After Baker
Gun Director, Mark 33 (Top of Pilot
House Fwd.). Shows Director tilted on
roller path.
Photo. No. ABCR 100-4203-2.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001800.



U.S.S. PENSACOLA (CA-24) - After Baker
Gun Director, Mark 33 (Top of Pilot House Fwd).
View of underside. Gun Director tilted on roller
path.
Photo. No. AB-CR 100-4203-3.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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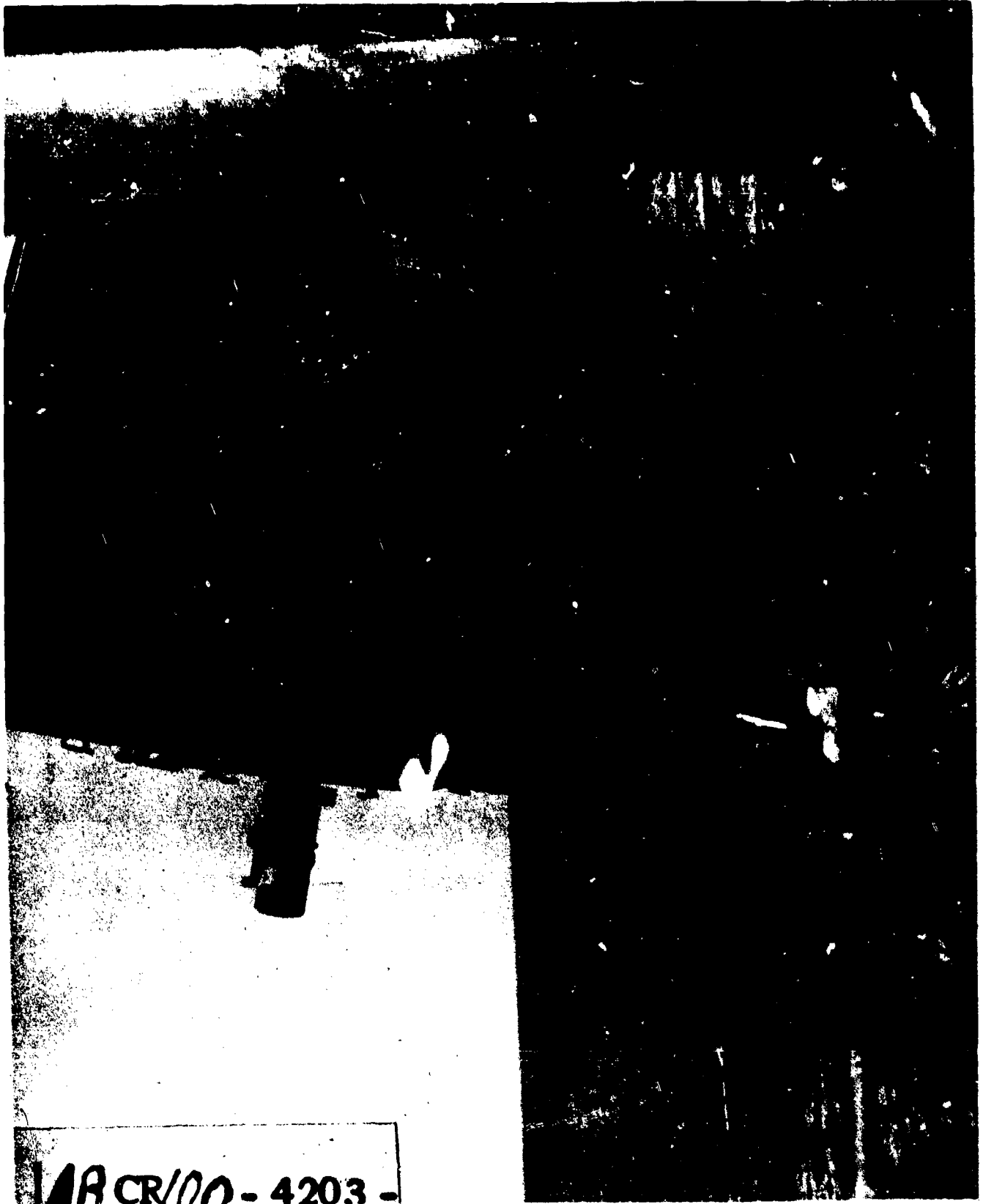
U.S.S. PENSACOLA (CA-24) - After Baker
Gun Director, Mark 33 (Top of Pilot House
Fwd.). Right bottom view of Gun Director.
Photo. No. AB-CR 100-4203-4.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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8212



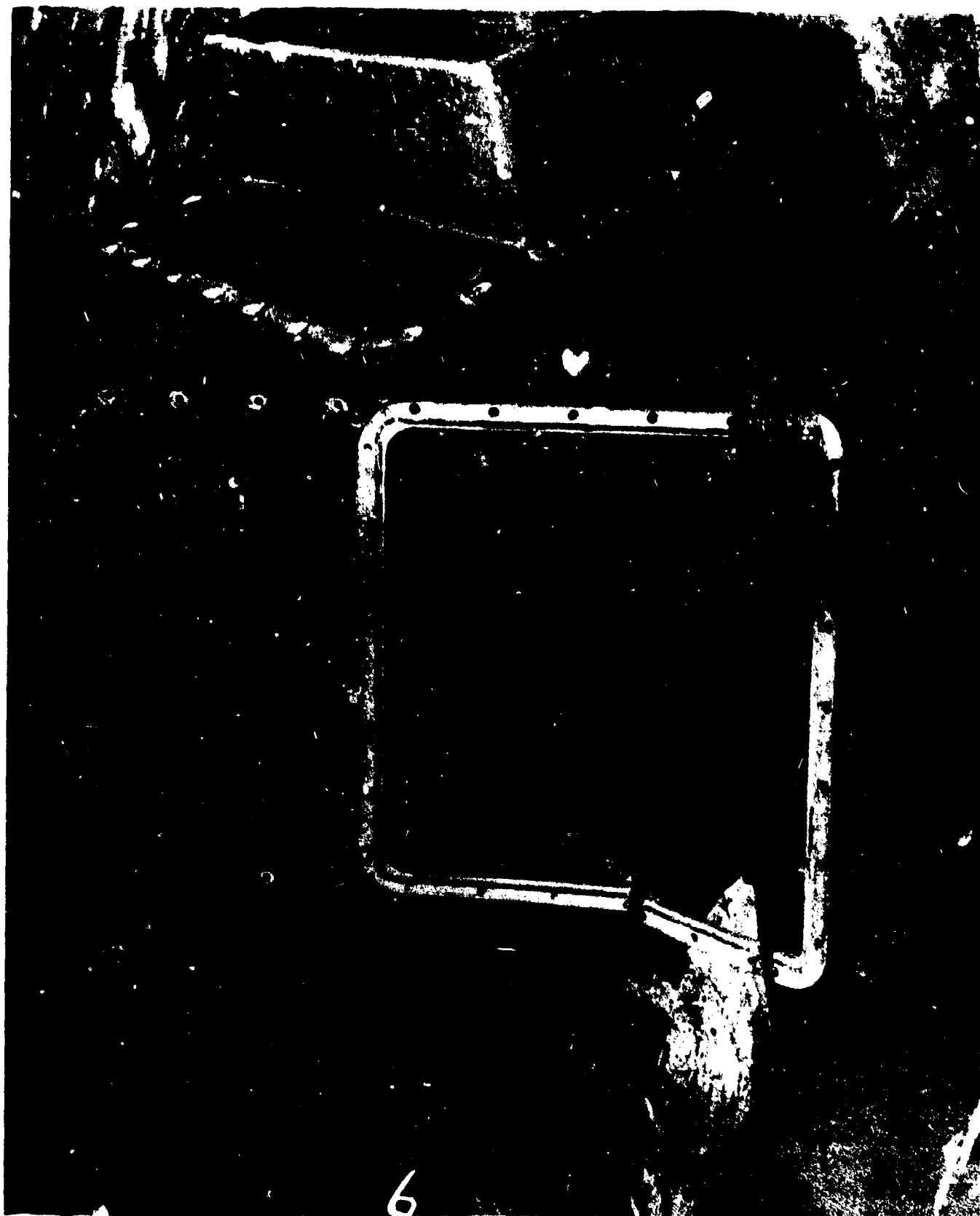
U.S.S. PENSACOLA - CA24 - After Baker
Gun Director, Mark 33 (Top of Pilot House
Fwd.). Rear view of Director and Stable
Element, Mark 2.
Photo. No. ABCR 100-4203-5.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

4212

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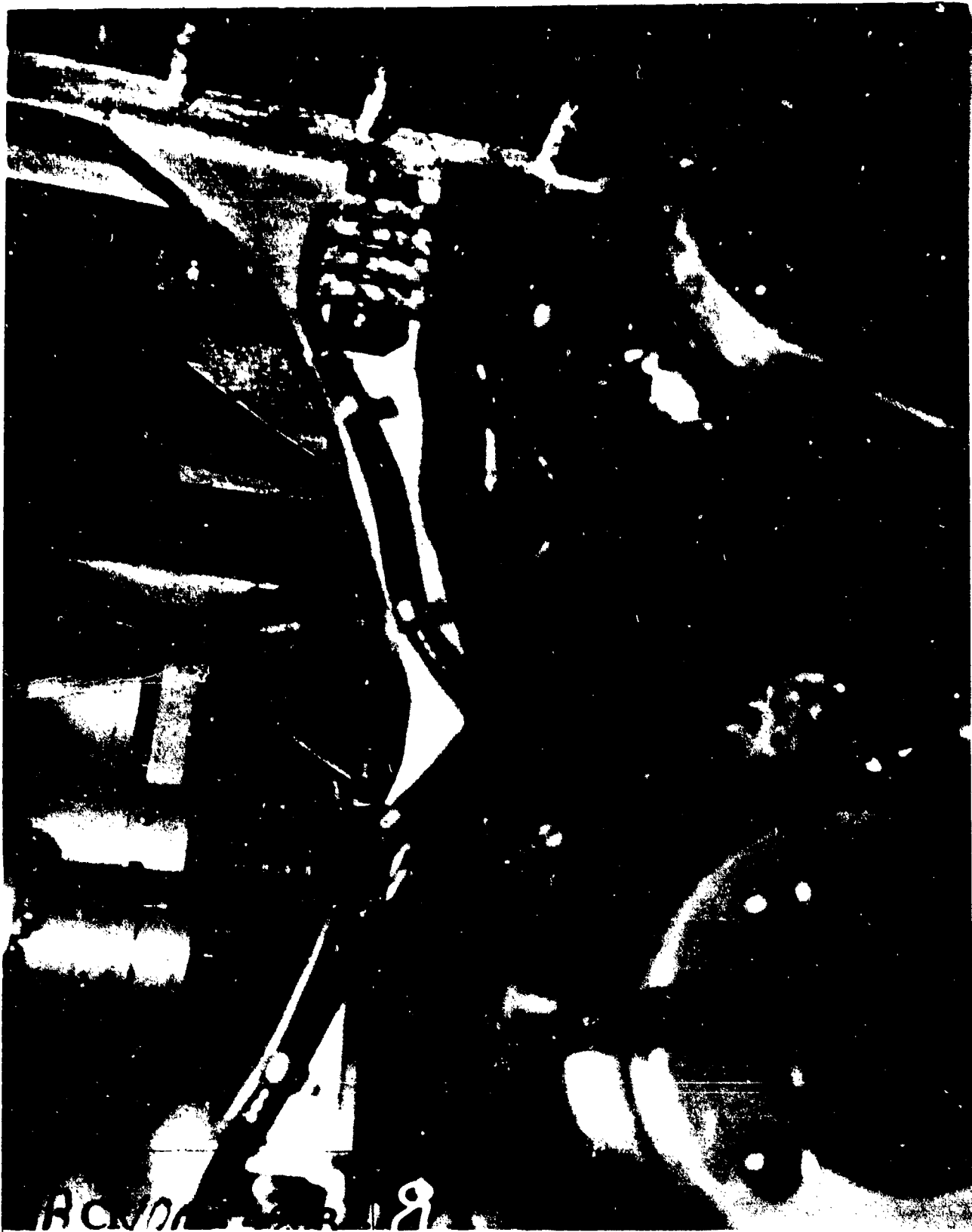
U.S.S. PENSACOLA - CA-24 - After Baker
Stable Element, Mark 2 (Gun Director,
Mark 33, Aft). Shows door and follow-
up cover to stable element lying on deck.
Photo. No. ABCR 100-4203-6.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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4212



U.S.S. PENSACOLA (CA-24) - After Baker
Stable Element, Mark 2 (Gun Director, Mark
33, Aft). Shows hand level-input shaft
dislodged from socket.
Photo. No. AB-CR 100-4203-8.

SECRET

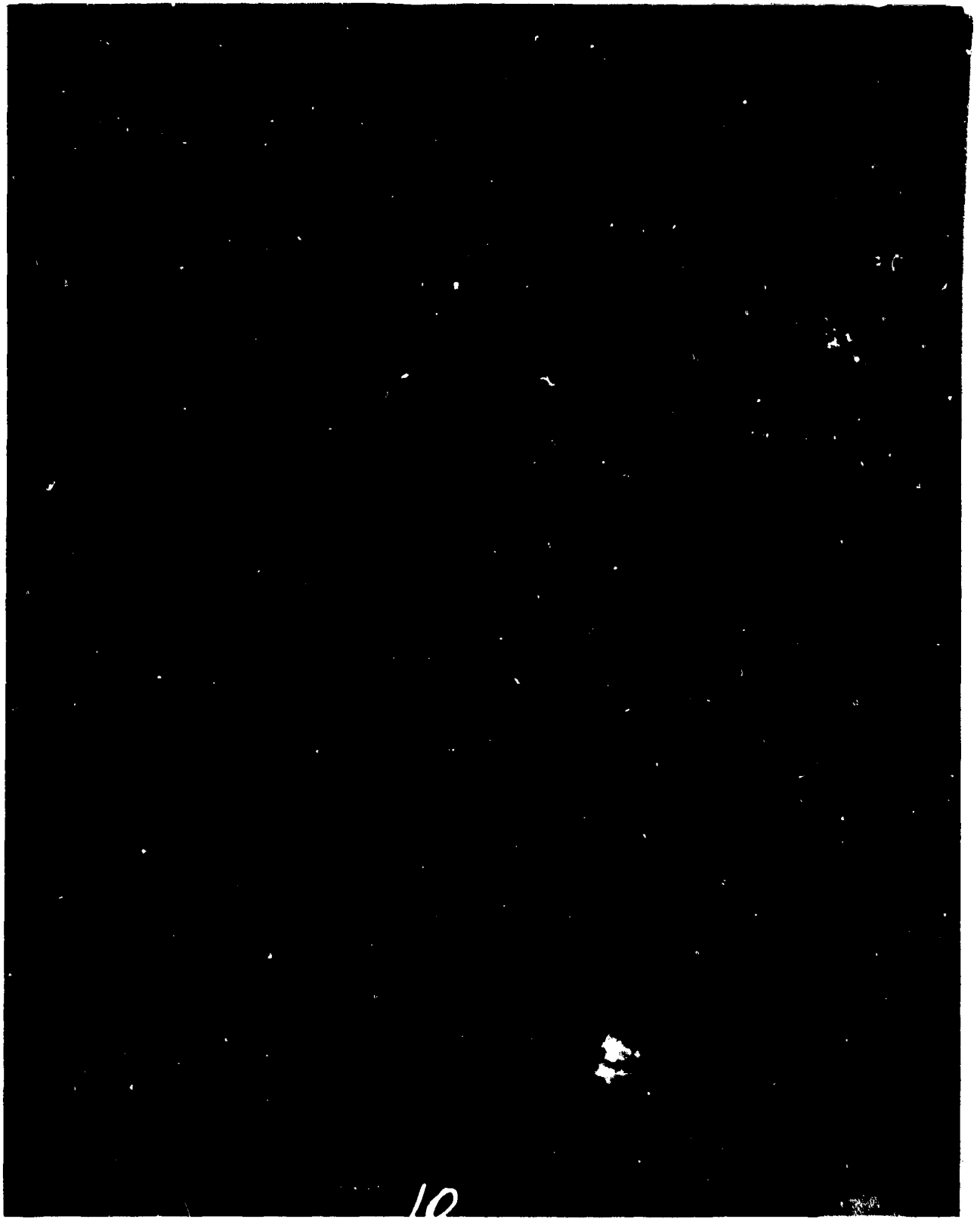
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENSACOLA - CA24 - After Baker
Mark 33 Gun Director (Top of Pilot
House Fwd.). Shows ruptured weather
shield and director pedestal.
Photo. No. ABCR 100-4203-9.

SECRET

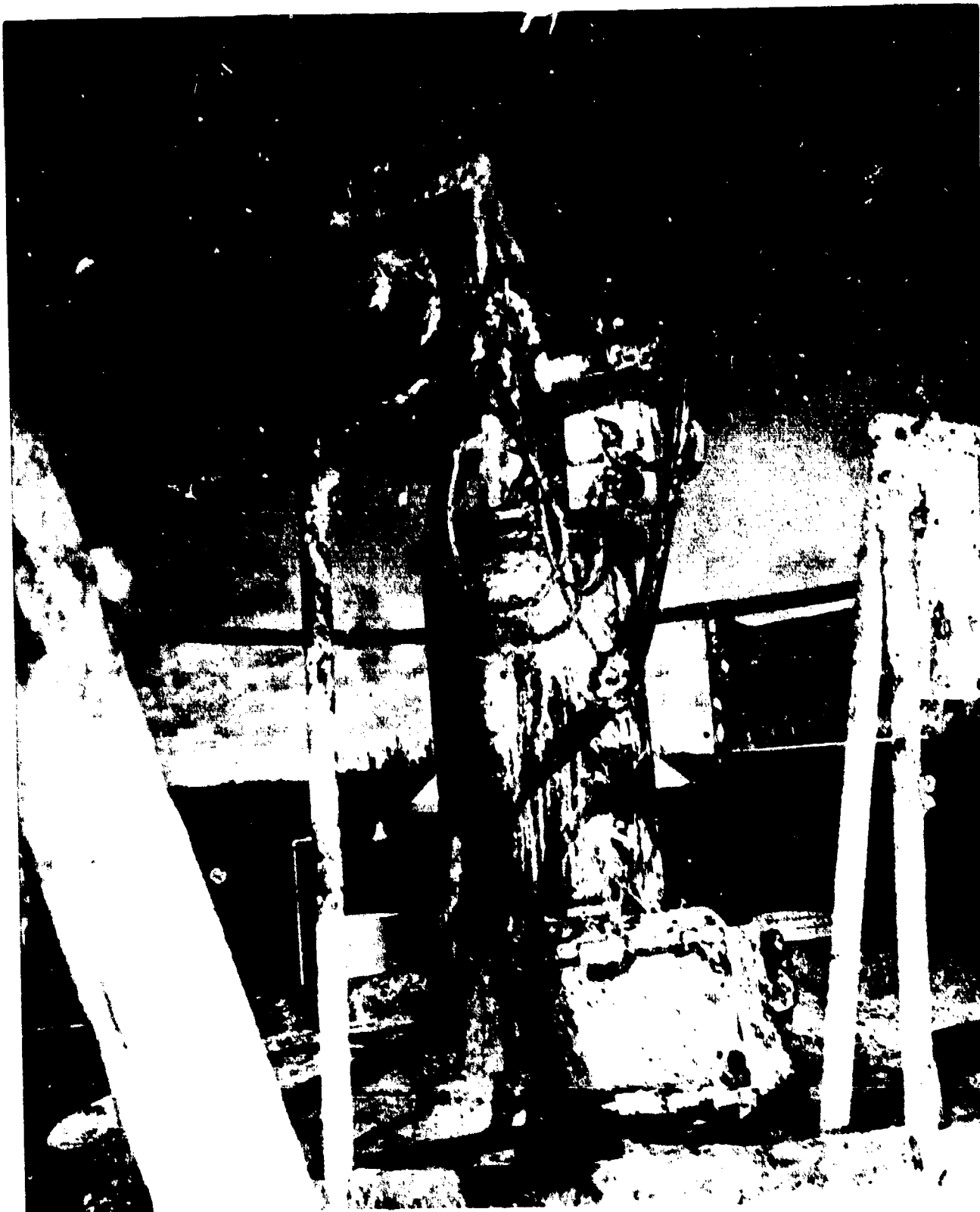
Enclosure (D) to Director Ship Material Serial Collection.



U.S.S. PFNSACOLA - CA24 - After Baker
Gun Director Mark 33 (Top of Pilot
House Fwd). Shows Director pedestal
and torn weather seal.
Photo. No. ABCR 100-4203-10

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. HUGHES (DD-410) - After Baker
Gun Director, Mk. 51.
Showing Gun Director with associated
Gunsight, Mk. 14, missing.
Photo. No. AB-CR-66-151-4.

S E C R E T

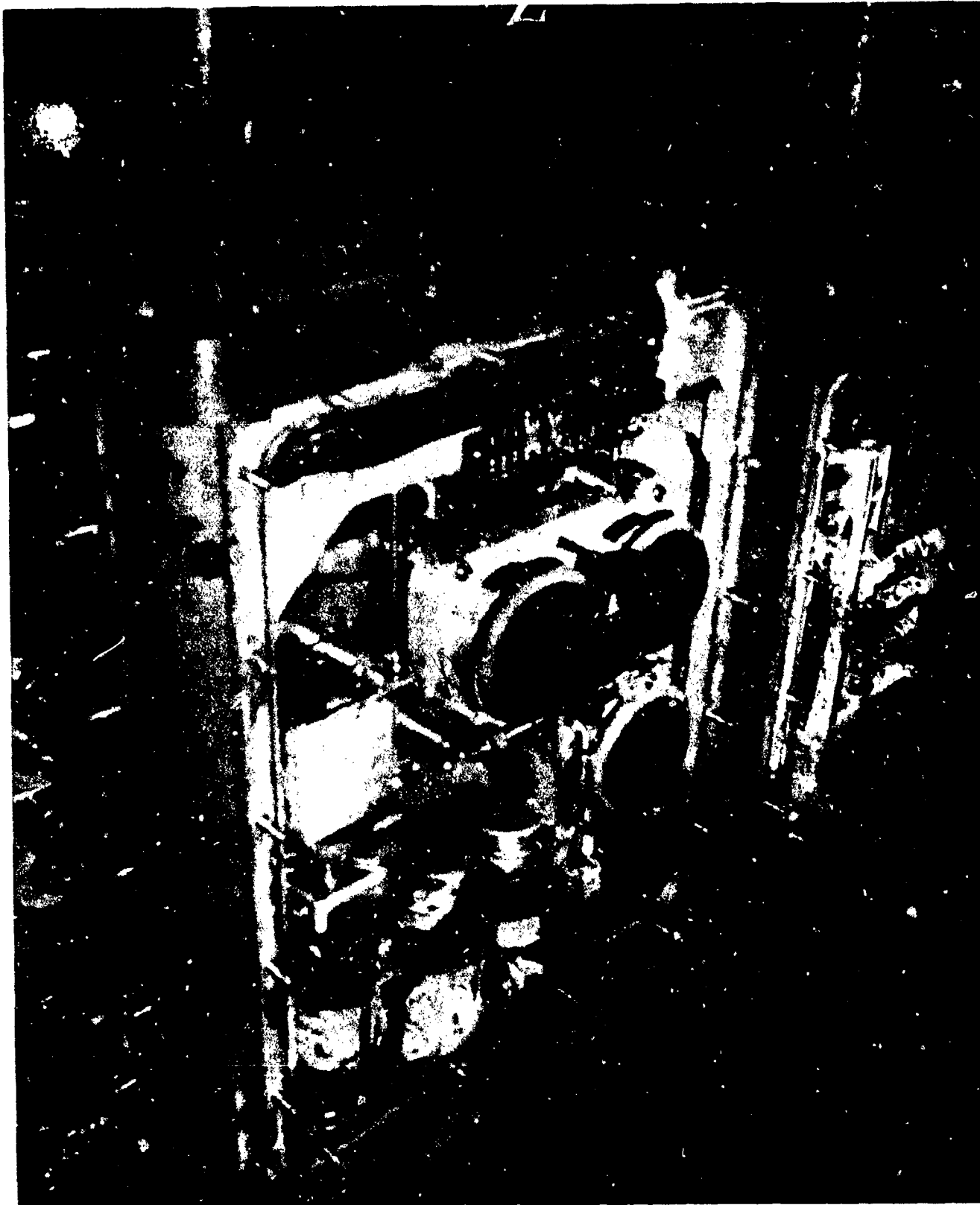
Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FUND (11-310) - After Deck
Gun Director, Mk. 41
Shows base of Director with Mk. 14 gun
lying on deck.
Photo. No. AF-C-60-141-5

SECRET

Enclosure (2) to Director Ship Report dated 031-30.



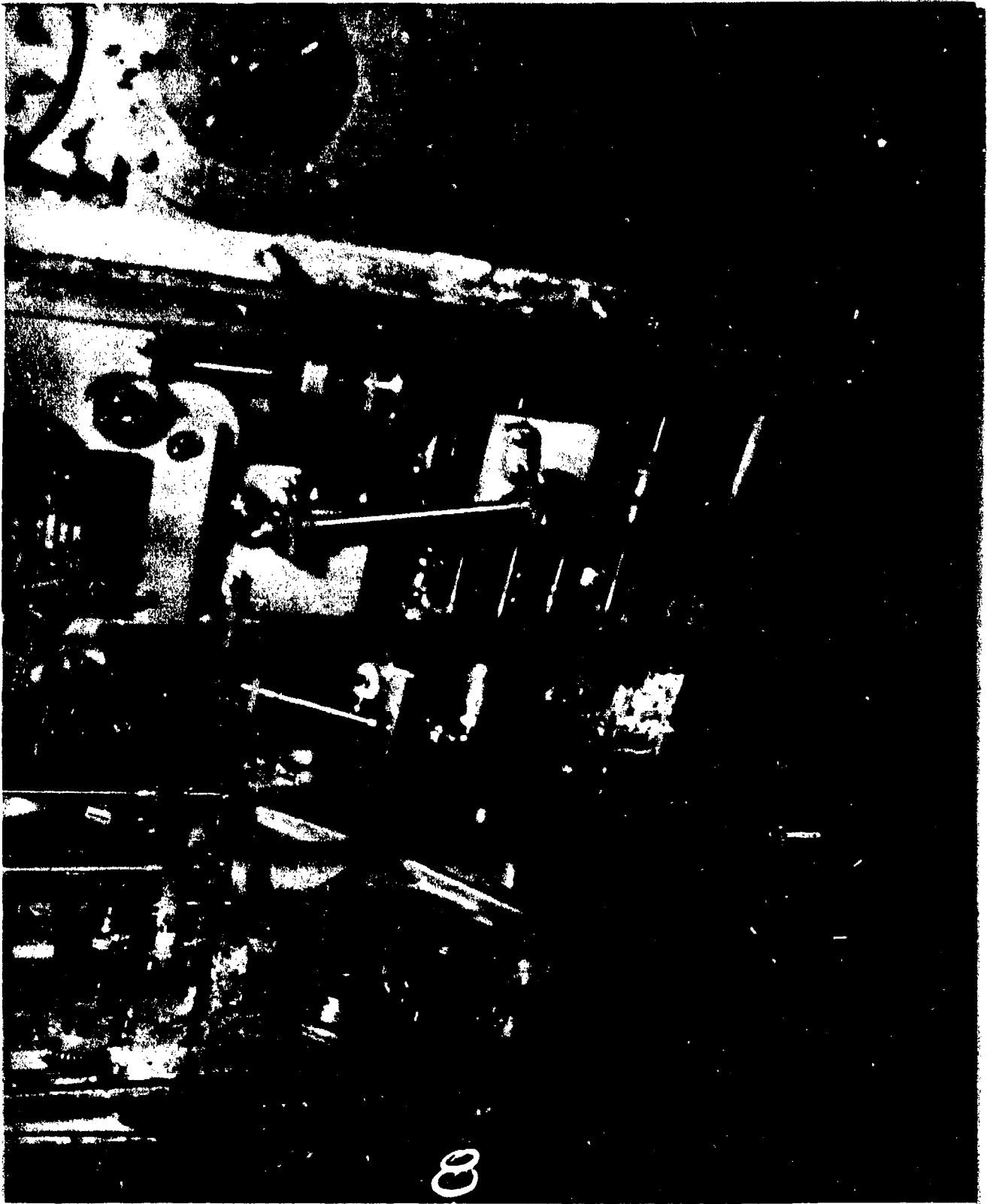
U.S.S. HUGHES (DD-410) - After Baker.
Computer, Mark 1, (plot) shows damage to
computer caused by flooding.
Photo. No. ABCR 66-151-7.

S E C R E T

Attachment (D) to Director Ship Material Serial 001000.

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U.S.S. HUGHES (DD-410) - After Baker
Computer, Mk. 1 - Plot
Shows two shafts that fell out of computer
section (left side).
Photo. No. AB-CR-66-151-8

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

ARCO-66-151-11

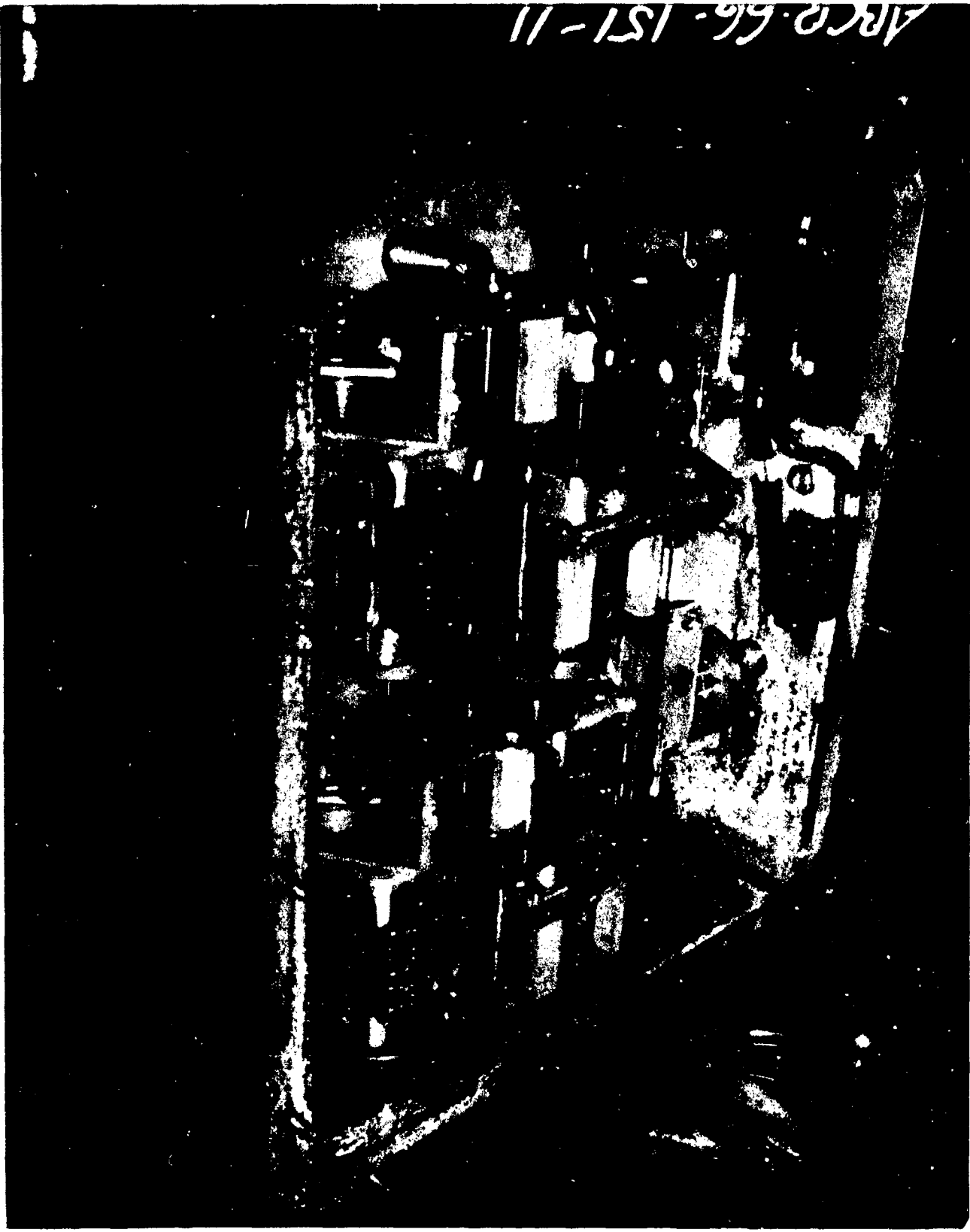
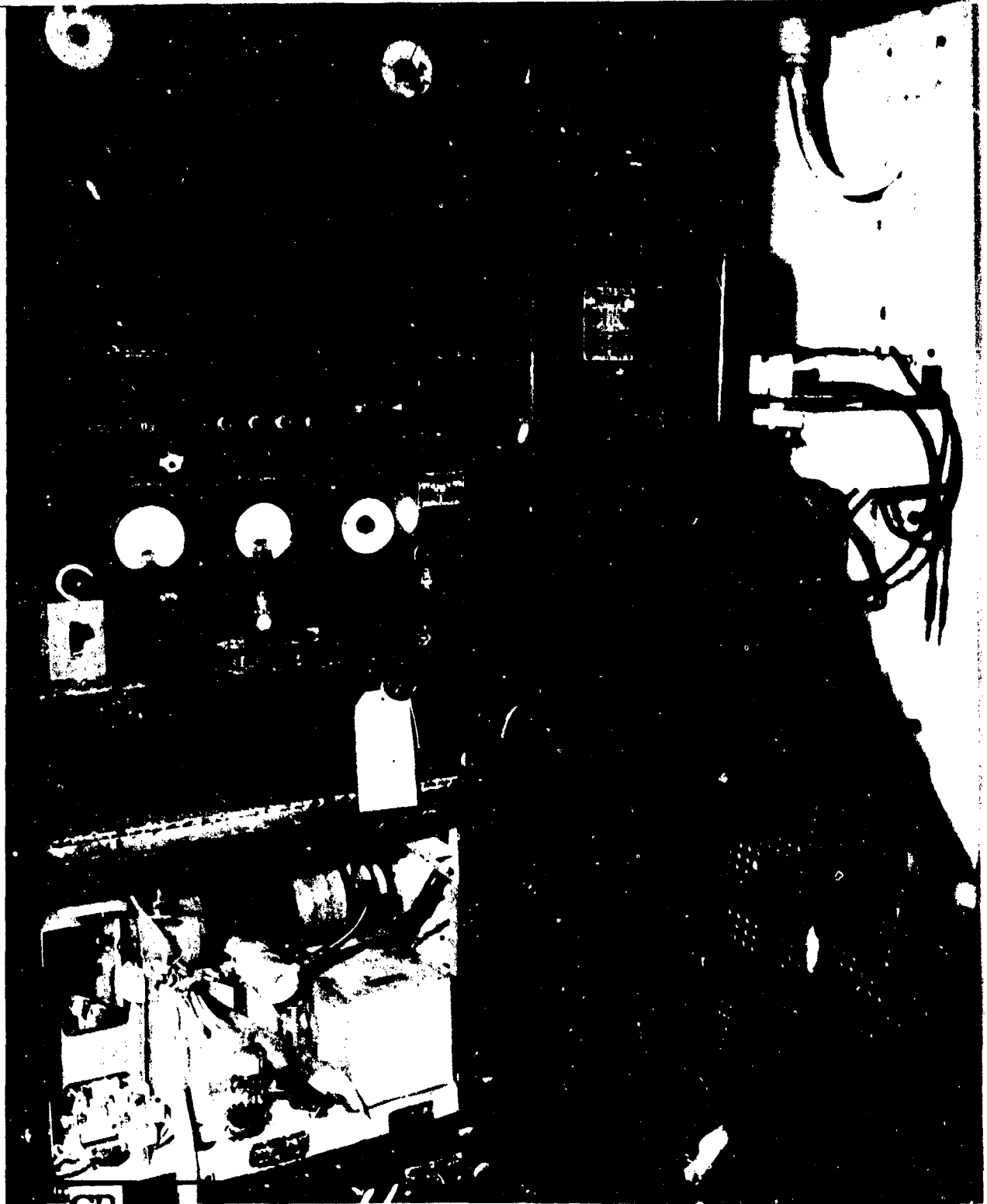


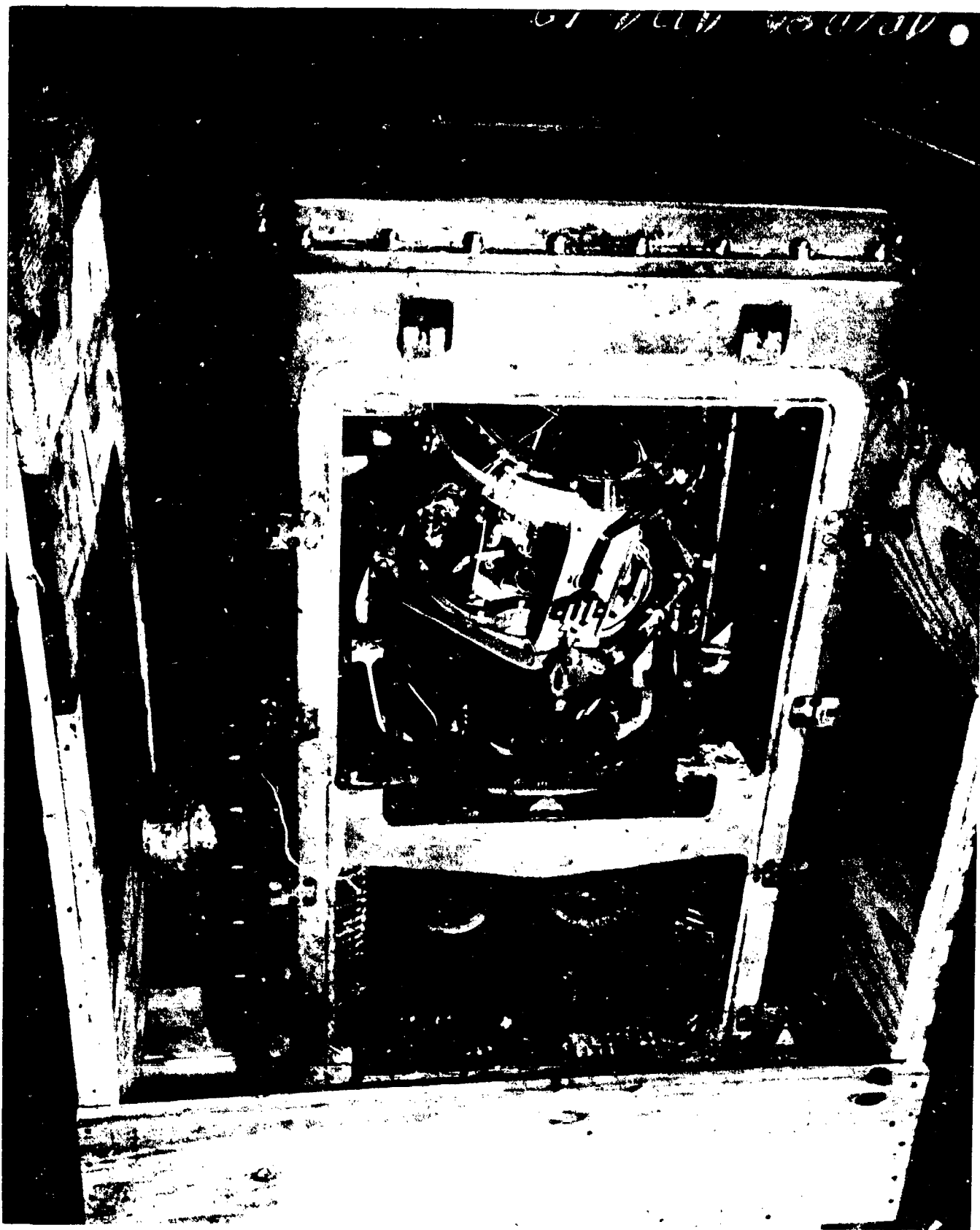
FIGURE THREE (BB-11) - ARCO-66-151-11
Computer, Rk. 1 - Plot
Showing damage to computer caused by flooding
Photo. No. 66-09-04-111-11



U.S.S. HUGHES (DD-410) - After Baker
Fire Control Radar Equipment, Mk. 4, Mod. 0,
Serial No. 1231.
Showing displaced side cover of the CW43AAC
Main Frame, and damaged vacuum tubes in the
CW52AAF Transmitter Unit.
Photo. No. AB-CR-76-1932-4

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



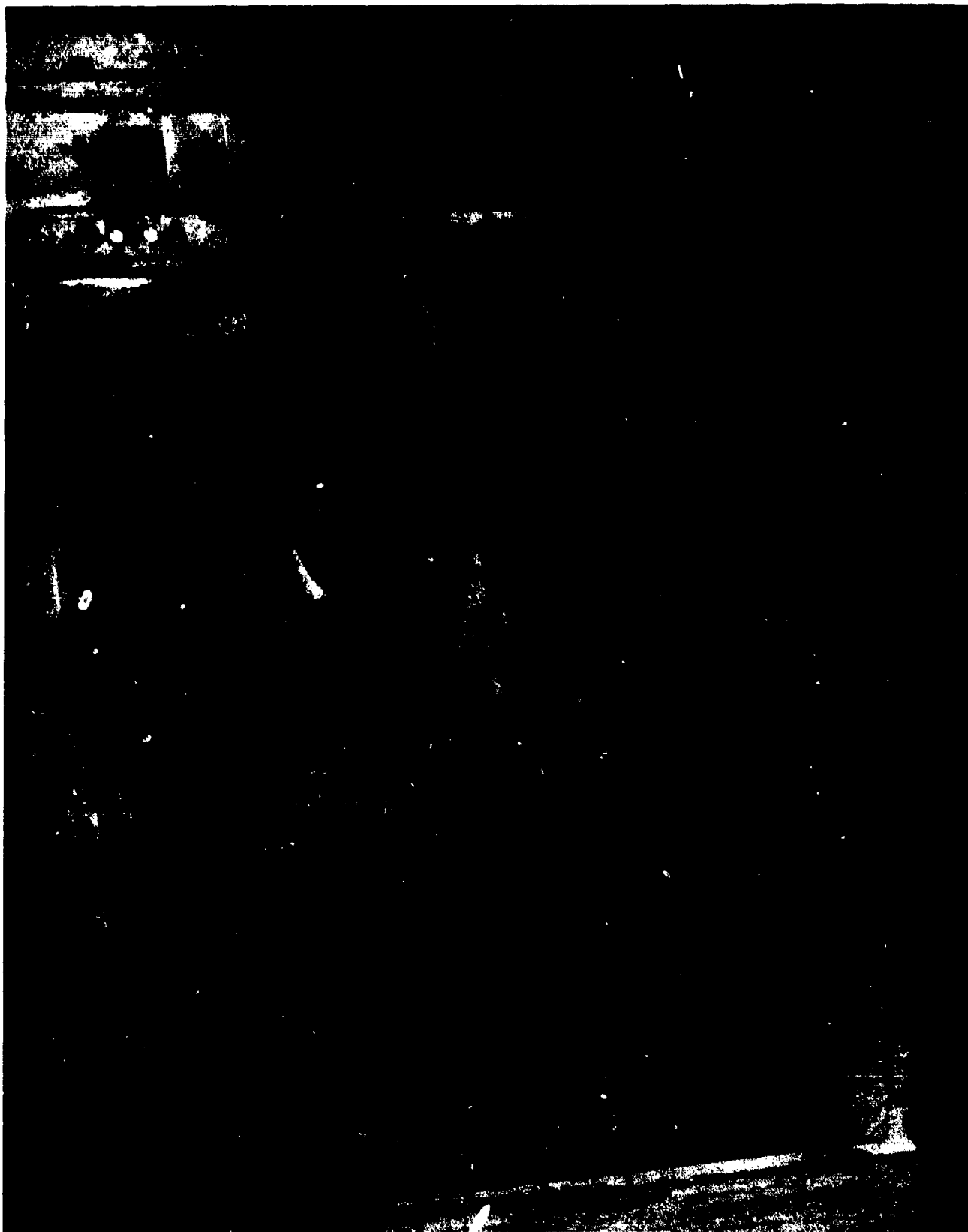
U.S.S. HUGHES (DD-410) - After Baker
Stable Element, Mk. 6 (Plotting Room)
Shows broken umbrella.
Photo. No. AB-CR 32-4224-12.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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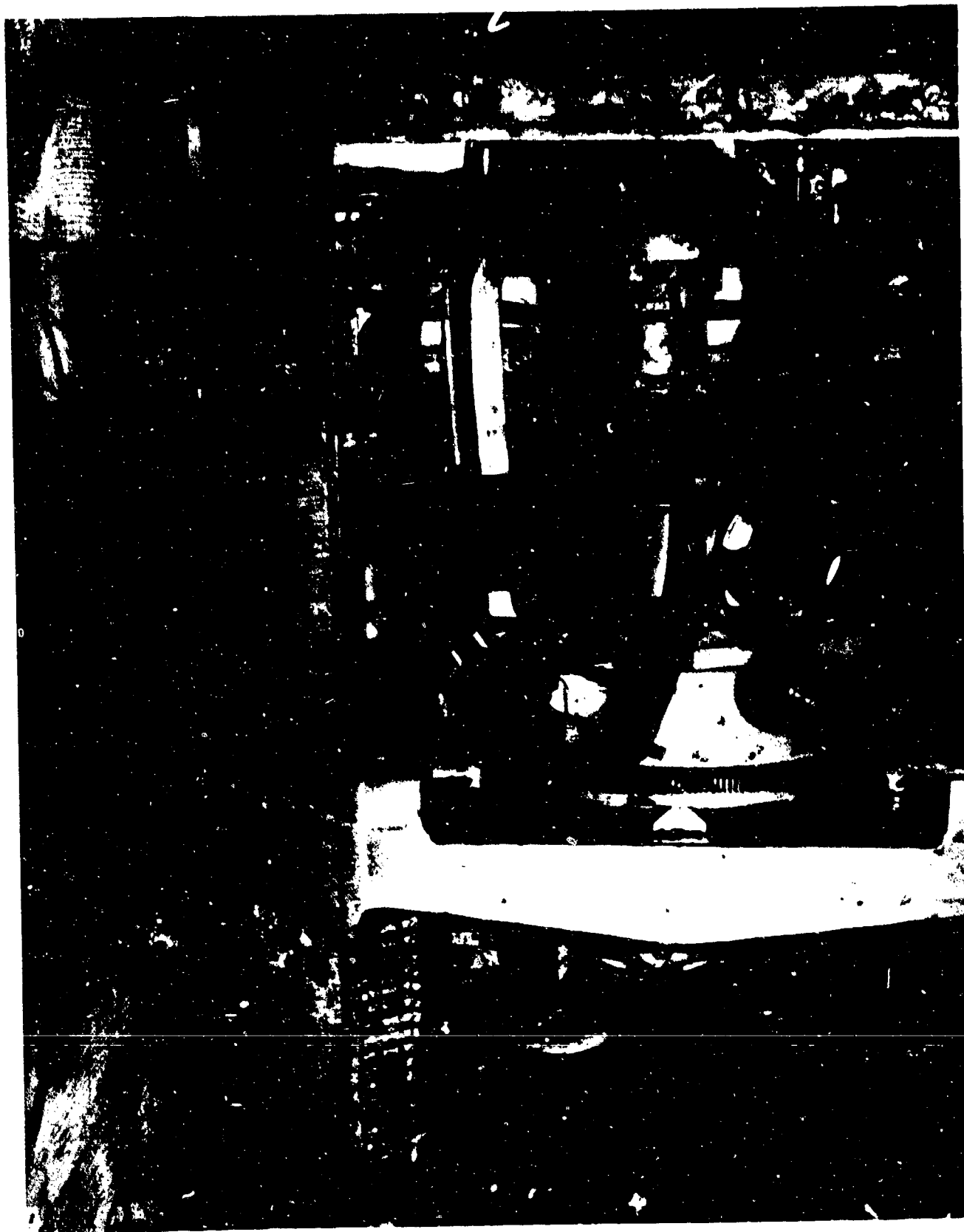
4212



U.S.S. HUGHES (DD-410) - After Boiler
Stable Element Mk. 6 (Plotting Room)
Shows damage caused by flooding.
Photo. No. AB-04-87-410-1.

SECRET

Enclosure (D) to Director Ship Material, 1944-1945.



U.S.S. HUGHES (DD-410) - After Baker
Stable Element, Mk. 1 (Plotting Room)
Shows damage caused by flooding.
Photo. No. AB-CR 82-4225-2.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

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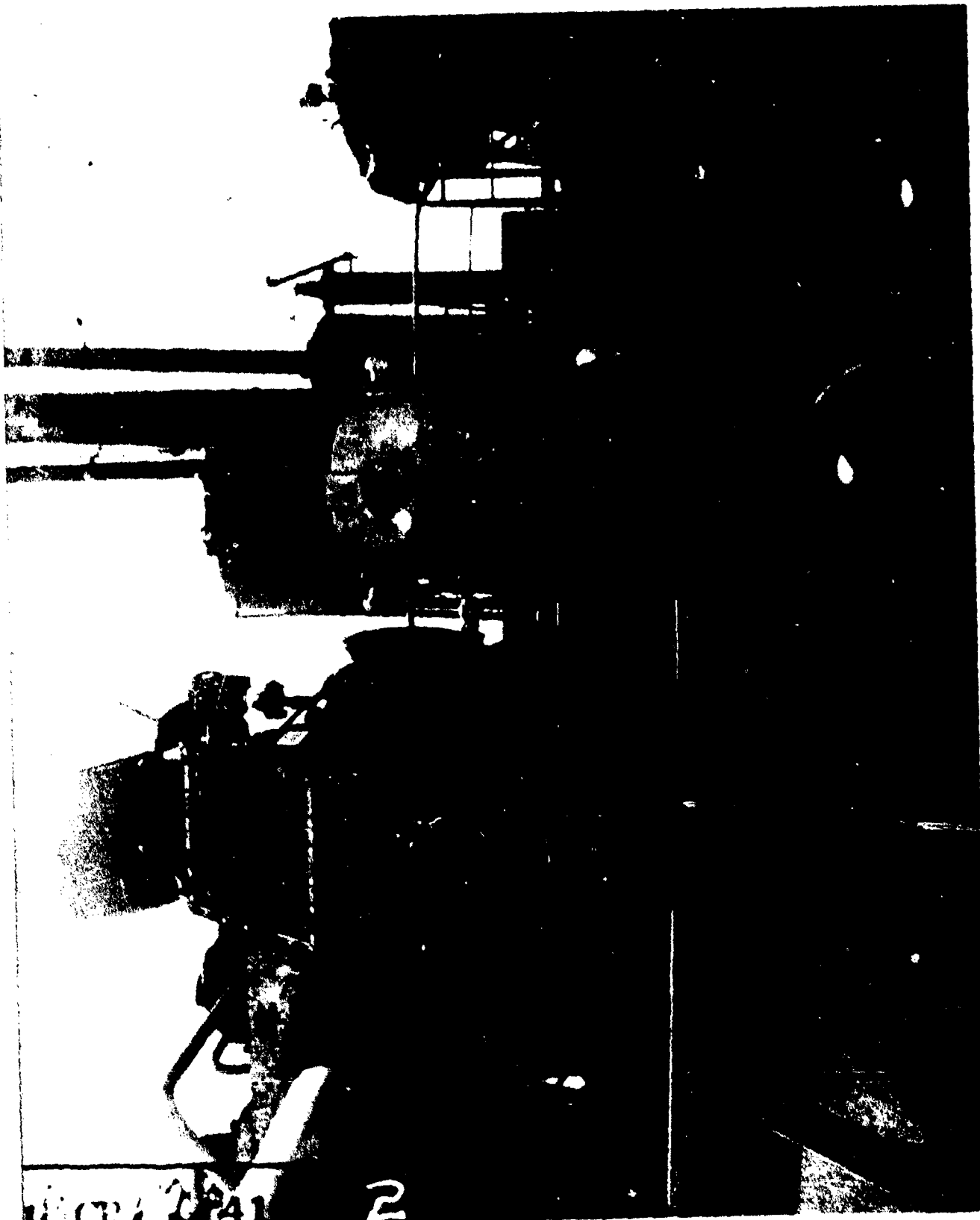
4212



U.S.S. FALLON (APA-81) - After Baker
Rangefinder, Mk. 65, located on signal
bridge, showing the rangefinder with
the weather-shield blown away.
Photo. No. AB-CR-62-4166-12.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. FAISON - APA-81 - After (left)
5"/38 Cal. Gun - Aft
Shows broken telescope cover (front)
Photo. No. AB-CR-62-1167-2

SECRET

Enclosure (D) to Director Ship Material Serial 221000.



U.S.S. GASCONADE (APA-85) - After Baker
Rangefinder, Mk. 65 (Bridge).
Shows break (1) in arm on Rangefinder mount.
Photo. No. AB-CR-100-4210-10

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

S E C R E T

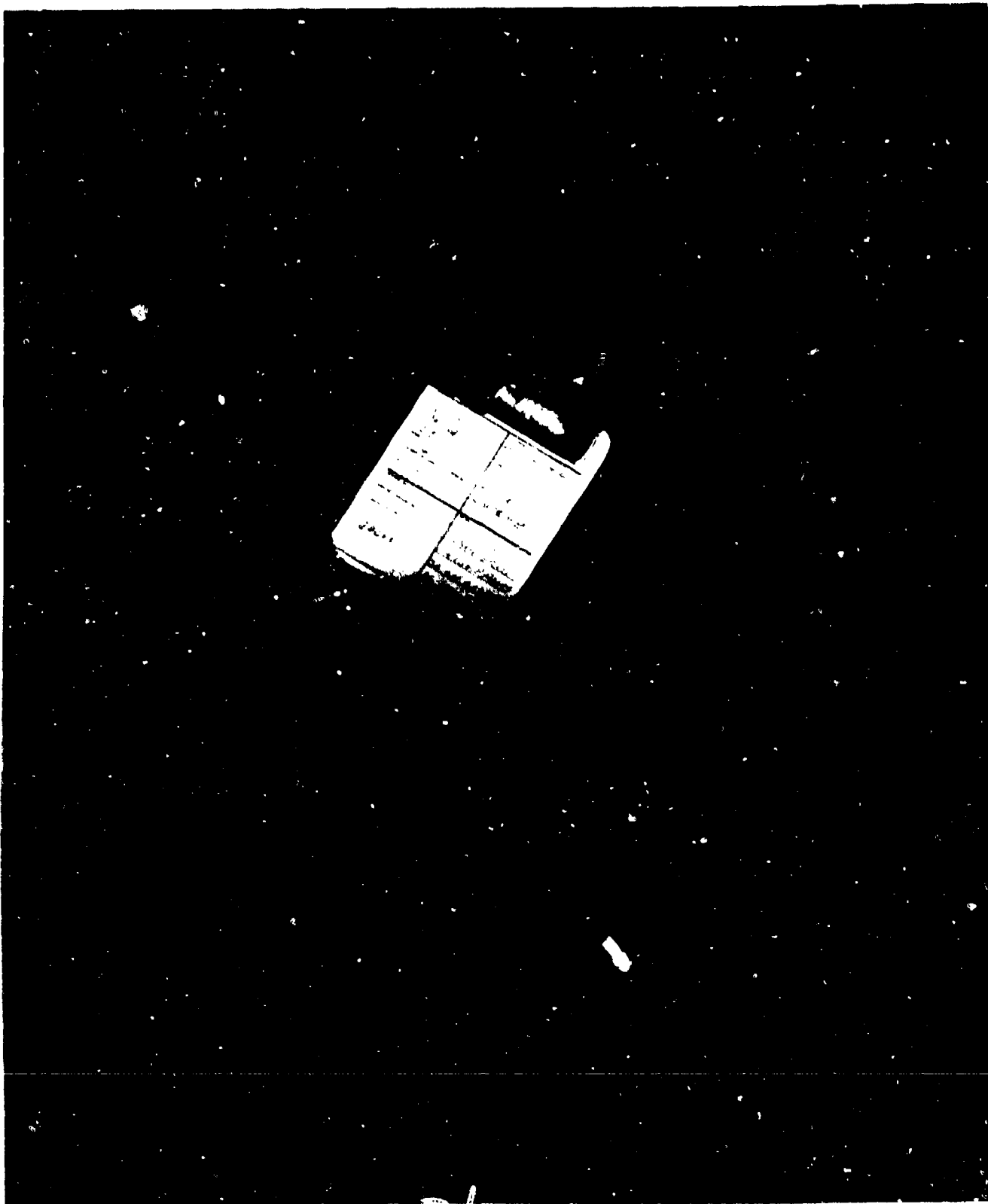
AVIATION ORDNANCE PHOTOGRAPHIC INDEX

TESTS "A" AND "B"

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| AACR73-583-8 | 100 lb. bomb flown off rack of OS2U-3 airplane. | 216 |
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| AACR73-907-7 | AN-M103-A1 and M115 fuzes removed from 100 lb. bomb. | 218 |
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| BACR73-299-10 | Typical 100 lb. bomb installation on OS2U-3 airplane. | 219 |
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| BACR73-301-1 | Mk. 23 Gunsight in F6F-5N type airplane. | 224 |
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| AACR81-1669-4 | Fuzes removed from 500 lb. bombs. | 233 |
| | <u>U.S.S. INDEPENDENCE (CVL22)</u> | |
| BACR73-299-11 | Mark 13 Torpedo in bomb bay of TBM-3E airplane. | 234 |

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. NEVADA (BB-36) - After Able
View showing damage sustained by AN-M100A2 fuse
recovered from 100 lb. bomb blown from rack of
OS2U-3 airplane.
Photo. No. AA-CR-73-907-1.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. *R. V. Alden* (SS-36) - After Attack
View showing damage sustained by 100 lb. bomb
blown off deck of *USS-3* airplane.
Photo. No. AA-CX-73-583-2.

SECRET

Enclosure (1) to Director Ship Material Serial 201500.

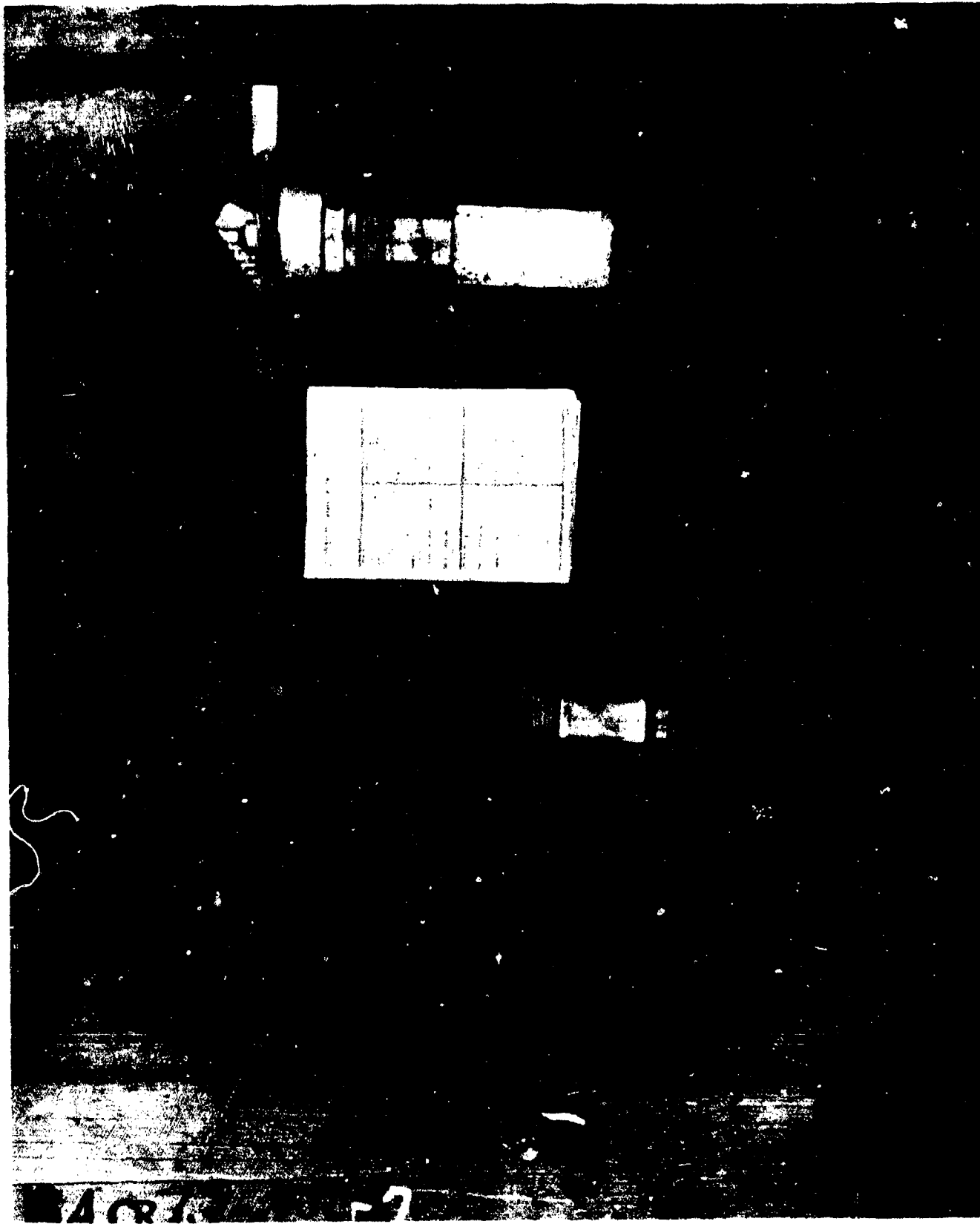
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U.S.S. MAN YOK (PR-24) - After Attack
View showing undamaged condition of 100 lb. bomb
on KC-1 airplane.
Photo. No. AA-11-73-907-5.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.

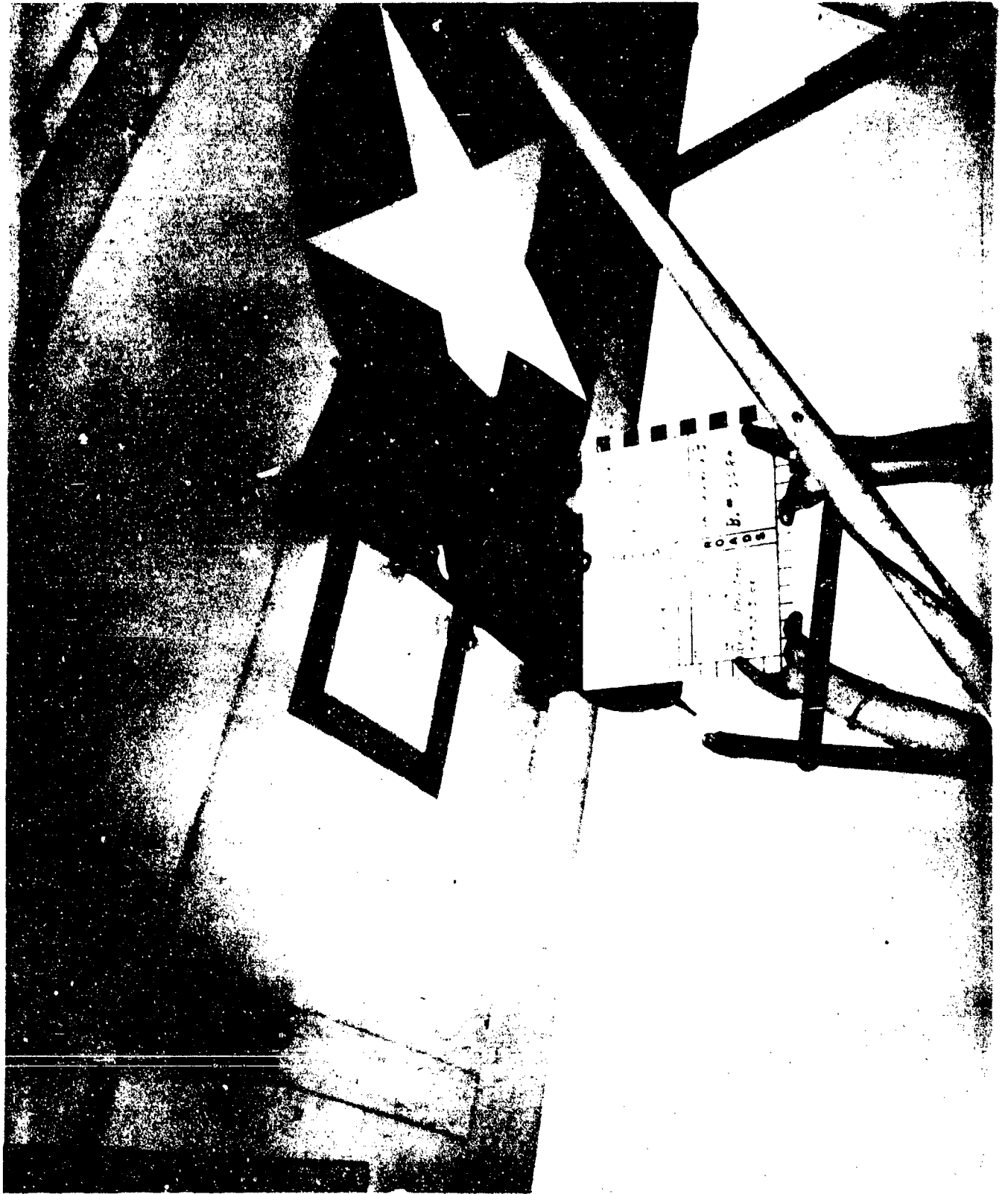


U.S.S. NEW YORK (BB-34) - AGO 2136
View showing undamaged condition of BB-34-11 and
BB-34-12 removed from 100 ft. bomb.
Photo. No. AI-CK-73-907-7.

211277

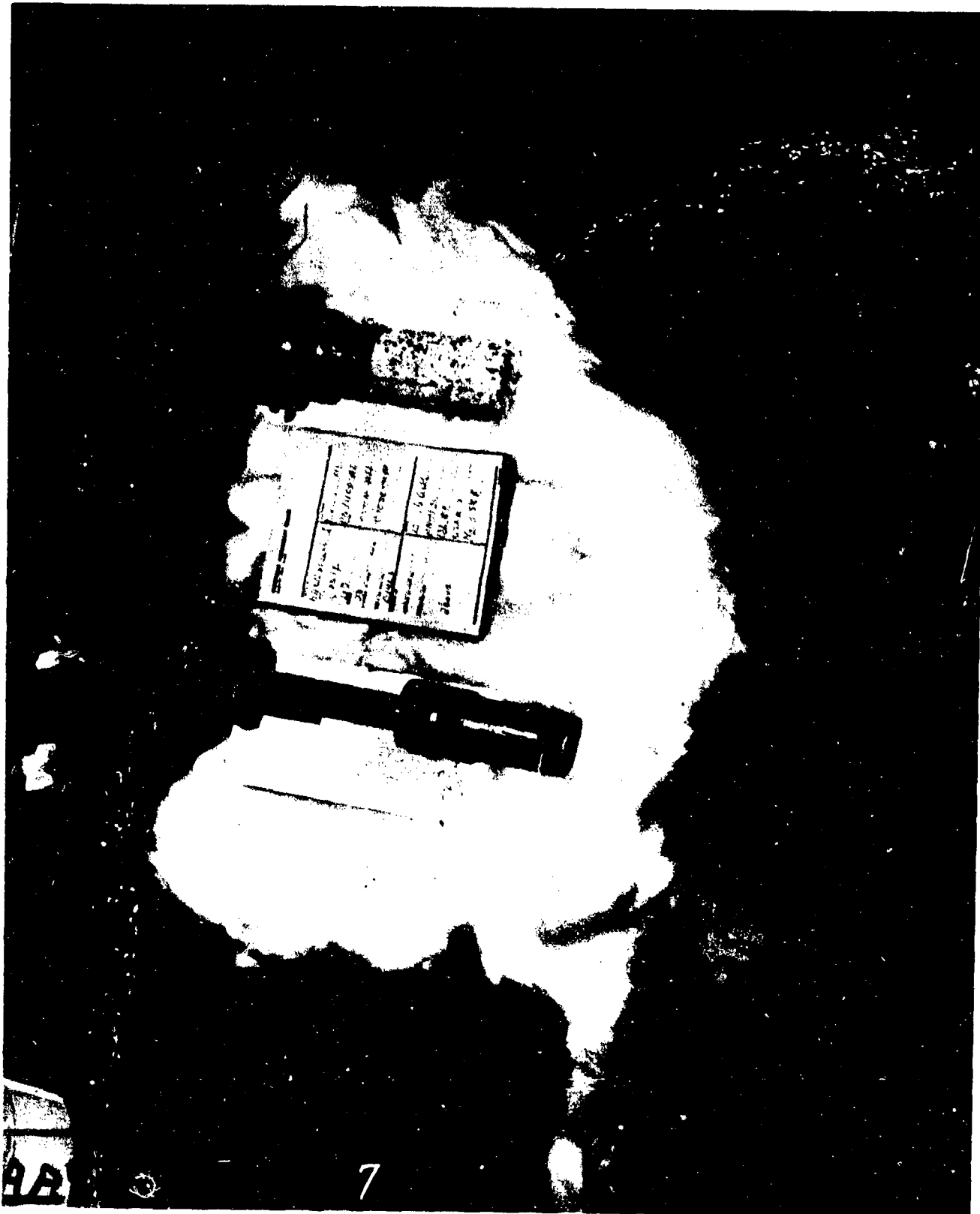
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U.S.S. PENNSYLVANIA (BB-38) - Before Able
View showing typical 100 lb. bomb installation on
CS2B-3 airplane.
Photo. No. BA-CR-73-299-10.

to Director Ship Material Serial 001500.



U.S.S. PENNSYLVANIA (BB-38) - After Able
View showing undamaged condition of AN-M100A2 and
corroded condition of AN-M103A1 fuzes recovered from
100 lb. bomb mounted on OS2U-3 airplane.
Photo. No. AA-CR-81-1666-7.

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Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. PENNSYLVANIA (BB-38) - After Able
View showing damage sustained by 100 lb. bomb
either blown or chocked off rack on OS2U-3 airplane.
Photo. No. AA-CR-81-1666-4.

SECRET

Enclosure (L) to Director Ship Material Serial 801500.



U.S.S. PENNSYLVANIA (BB-38) - After Able
View showing damage sustained by AN-M103A1 and AN-M100A2
fuses recovered from 100 lb. bomb mounted on CG2U-3 airplane.
Photo. No. AA-CR-81-1666-6.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SARATOGA (CV-3) - Before Able
View showing installation of 11.75" aircraft rocket
on F6F-5N airplane.
Photo. No. BA-CR-73-300-12.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.

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U.S.S. SARATOGA (CV-3) - Before Able
View showing installation of a Mk. 23 Gunsight
in F6F-5N type airplane.
Photo. No. BA-CR-73-301-1.

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Enclosure (1) to Director Ship Material Serial 001500.

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U.S.S. SARGOL (CV-3) - Before Atlic
View showing installation of 5" .0 High Velocity
Aircraft rockets on F4U-5N airplane.
Photo. No. BA-ck-73-301-2.

S E C R E T

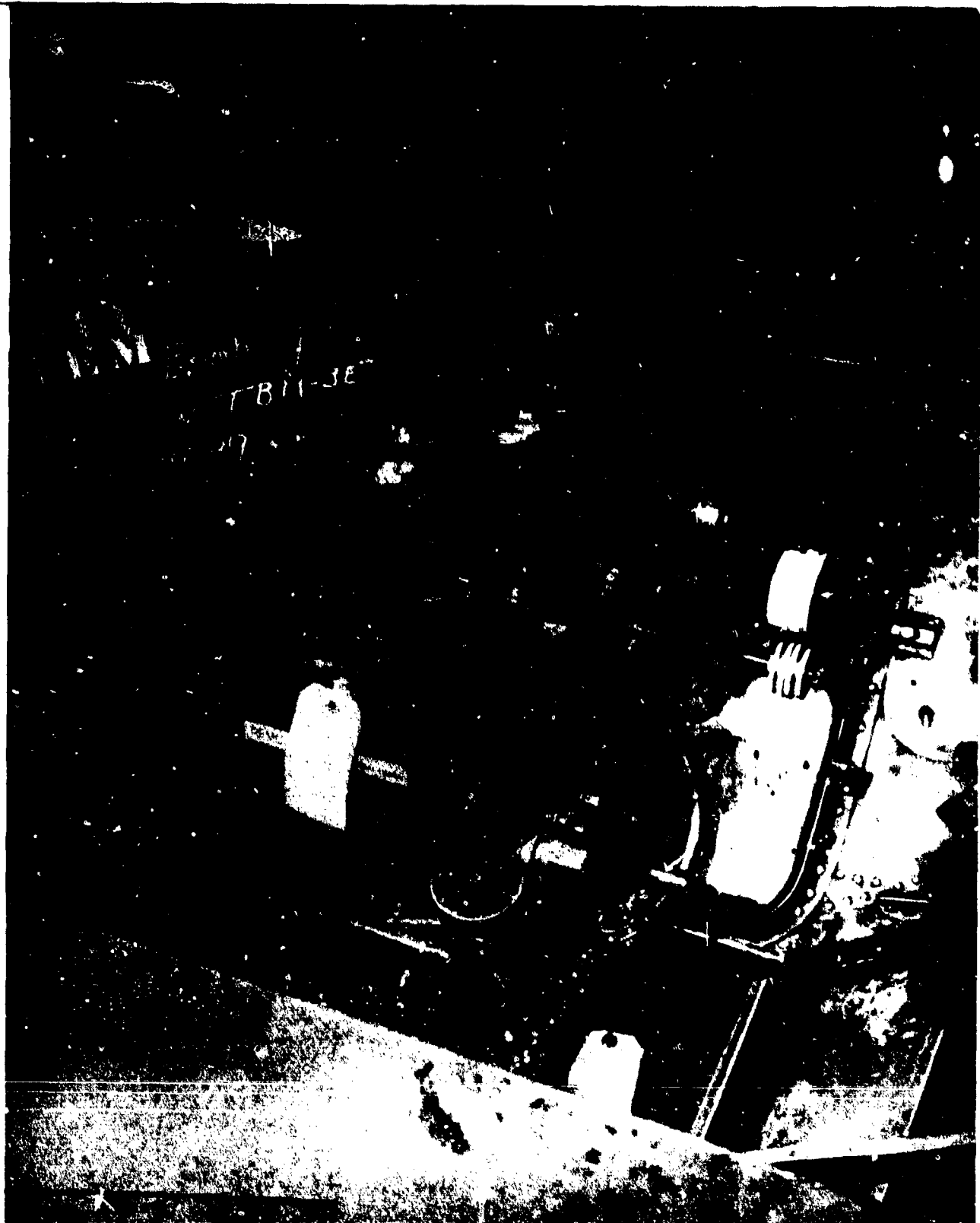
Enclosure (1) to Director's Material Serial 001500.



U.S.S. SARATOGA (CV-3) - Before Able
View showing installation of 500 lb. bombs in
bomb bay of SBF-4E airplane.
Photo. No. BA-CR-73-301-6.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SAKATOGA (CV-3) - Before Able
View showing installation of Bk. 15 bombight in
TBM-3E airplane.
Photo. No. RA-GH-73-301-7.

SECRET

Enclosure (D) to Director Ship Material Serial 001500.



U.S.S. SARATOGA (CV-3) - Before Able
View showing installation of Mk. 23 Bombsight
in TBM-3E airplane.
Photo. No. BA-CR-73-301-8.

SECRET

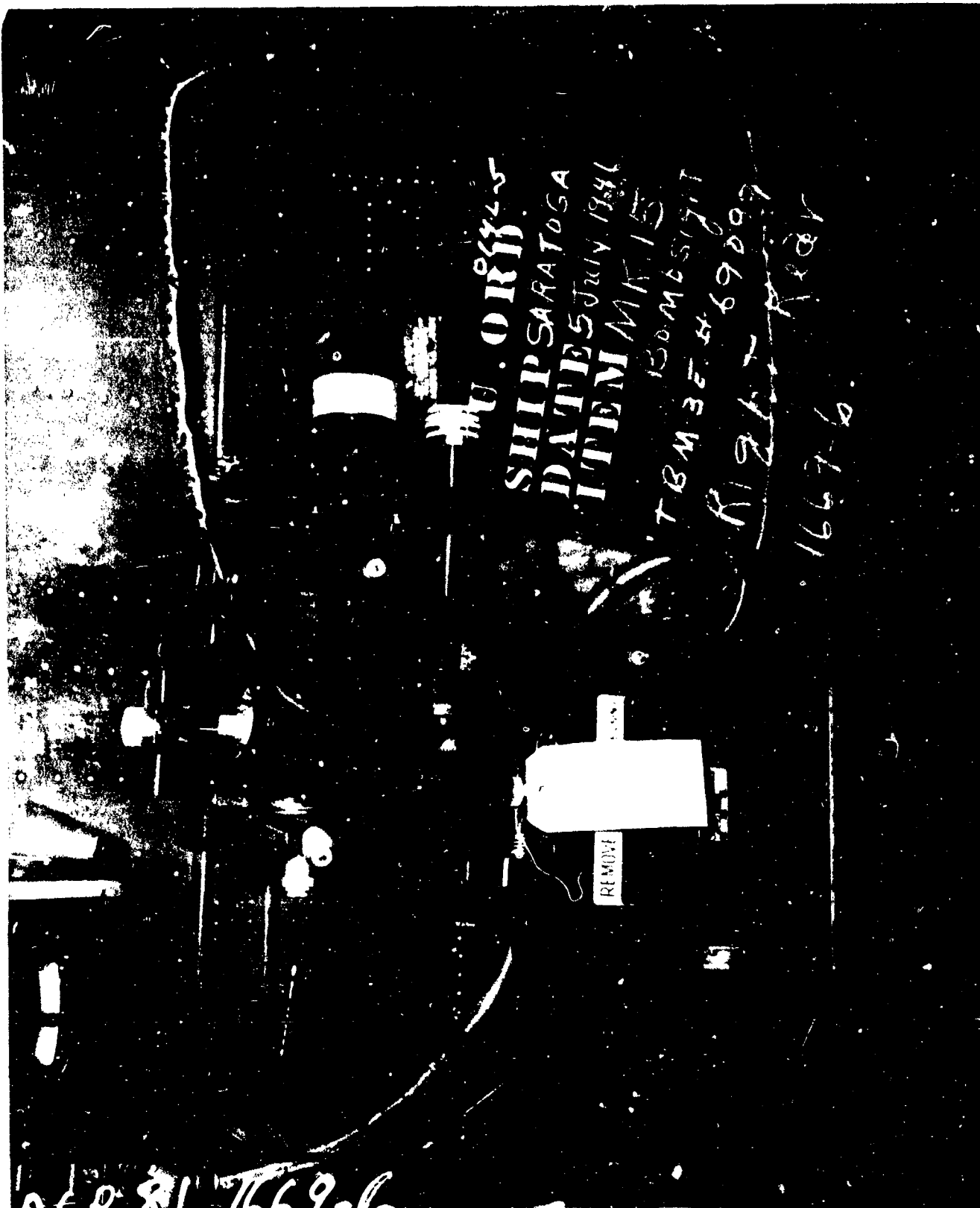
Enclosure (1) to Director Ship Material Serial 001500.



U.S.S. SARATOGA (CV-3) - After Able
View showing undamaged condition of Mk. 149 fuzes
removed from 5"0 HVARS mounted on F6F-5N airplane.
Photo. No. AA-CR-81-1669-1.

S E C R E T

Enclosure (D) to Director Ship Material Serial 001500.



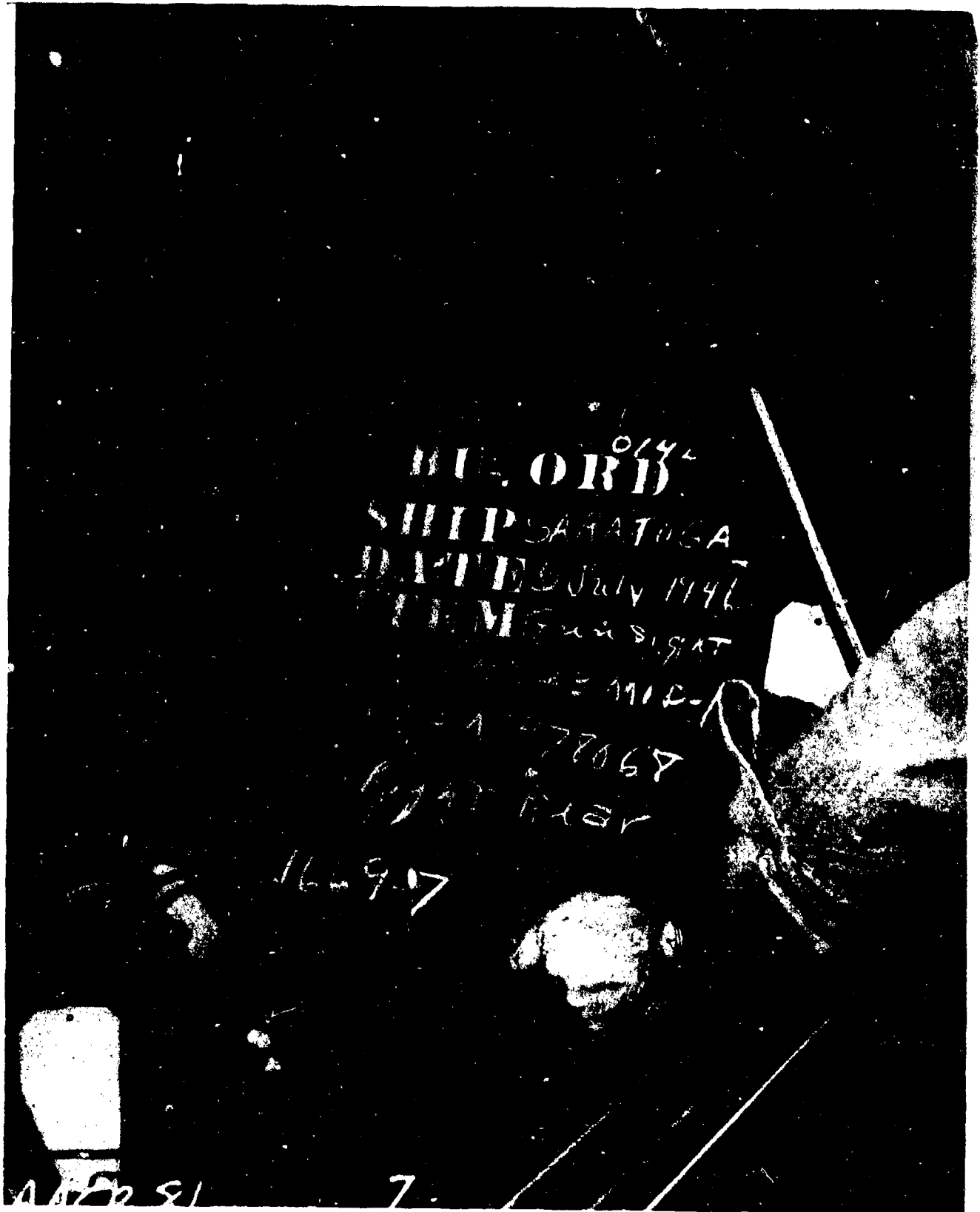
U.S.S. SARATOGA (CV-3) - After Able
View showing no visible external damage to Mk. 15
bombright mounted in TBM-3E airplane.
Photo. No. AA-OK-81-1669-6.

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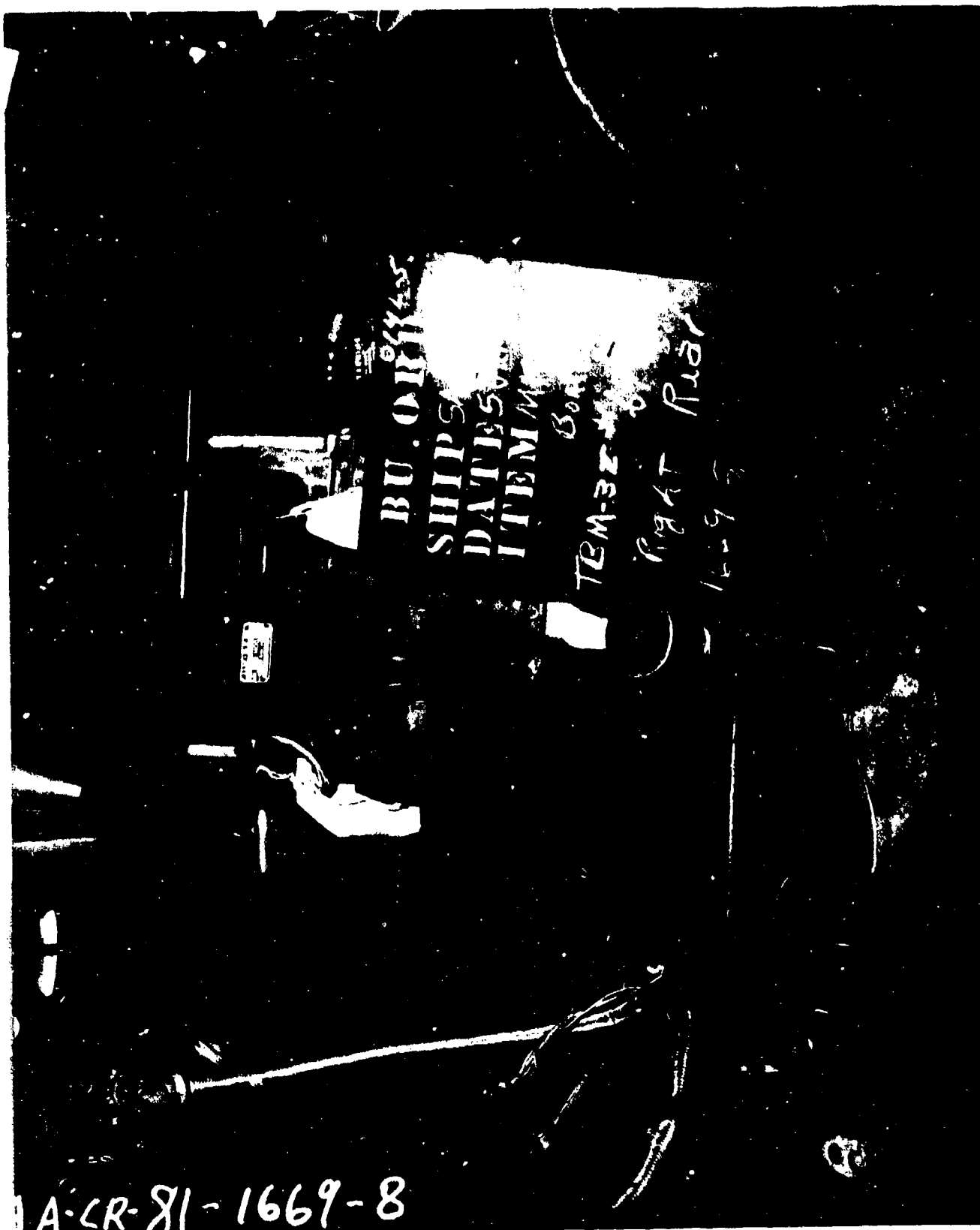
4217



U.S.S. SARATOGA (CV-3) - After Able
View showing no visible external damage to Mk. 23
Gunsight mounted in F6K-5N type airplane.
Photo. No. AA-CR-81-1669-7.

SECRET

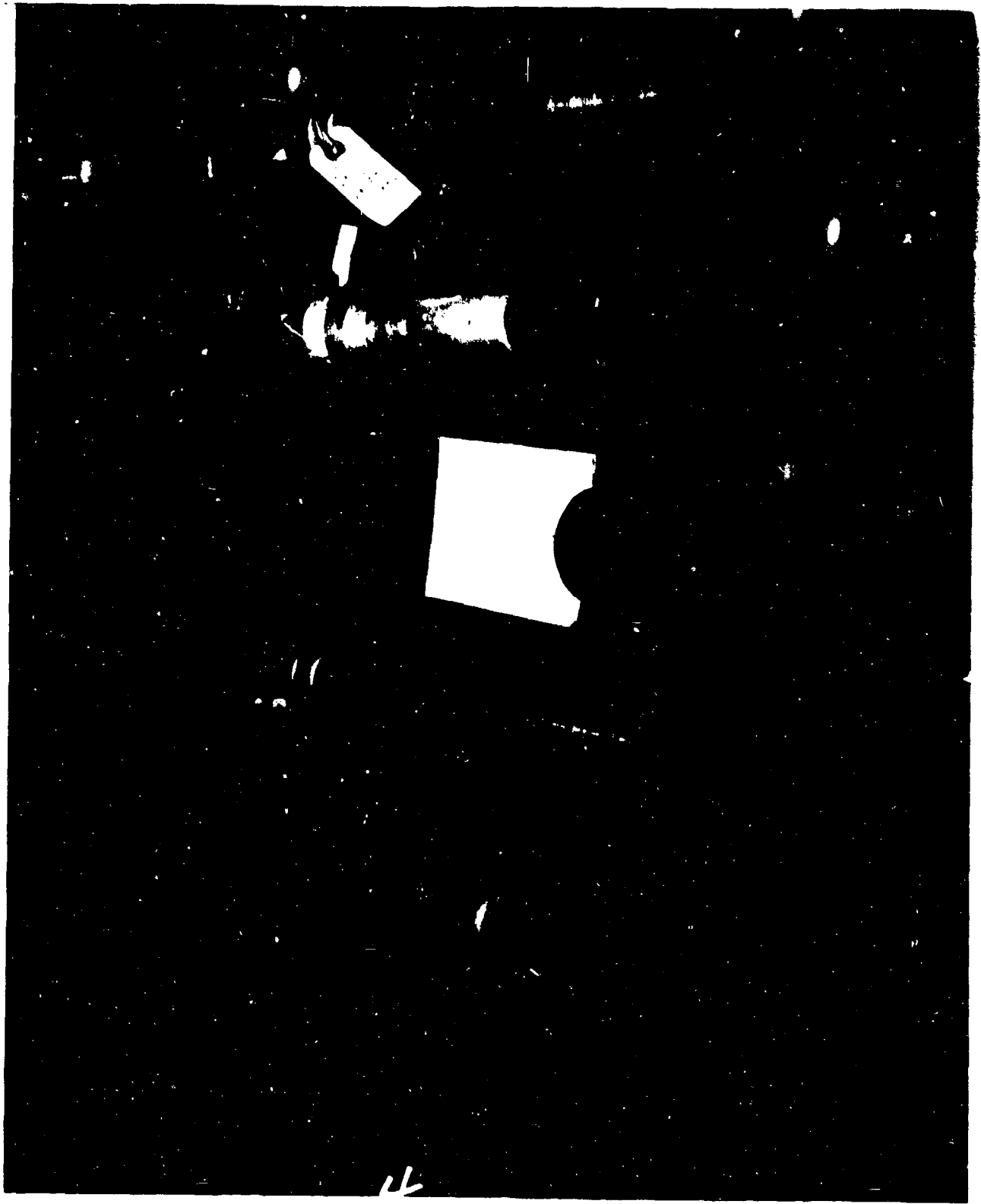
Enclosure (D) to Director Ship; Material Form 1 001500.



U.S.S. SARATOGA (CV-3) - After Able
View showing no visible external damage to Mk. 23
Bomb sight mounted in TBM-3E airplane.
Photo. No. AA-CR-81-1669-8.

SECRET

Enclosure (E) to Director Ship Material Serial 001300



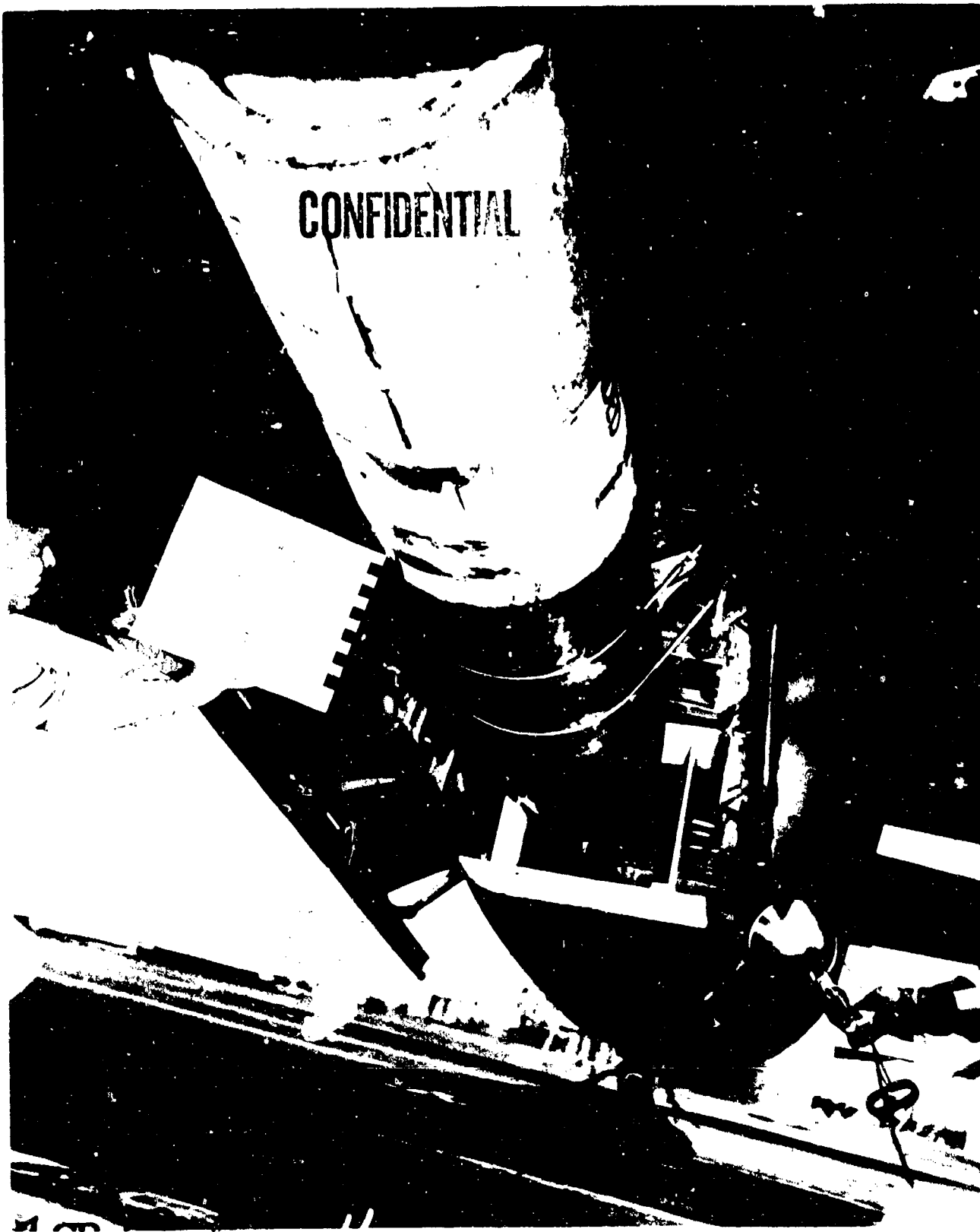
U.S.S. SARATOGA (CV-3) - After Able
View showing undamaged condition of AN-M103A1 and
AN-M101A2 fuses removed from 500 lb. bombs in SEF-4E
airplane.
Photo. No. AA-CR-81-1669-4.

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Enclosure (D) to Director Ship Material Serial 001500.

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U.S.S. INDEPENDENCE (CVL-22) - Before Able
View showing installation of Mk. 13 torpedo in
bomb bay of TBM-3E airplane.
Photo. No. EA-CR-73-299-11.

Enclosure (D) to Director Ship Material Serial 001500.

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Defense Special Weapons Agency
6801 Telegraph Road
Alexandria, Virginia 22310-3398

TRC

18 April 1997

MEMORANDUM FOR DEFENSE TECHNICAL INFORMATION CENTER
ATTENTION: OMI/Mr. William Bush (Security)

SUBJECT: Declassification of Reports

The Defense Special Weapons Agency has declassified the following reports:

| | |
|--------------------------|-------------------------------|
| ✓AD-366588 4 | XRD-203-Section 12✓ |
| AD-366589 L | XRD-200-Section 9 |
| AD-366590 L | XRD-204-Section 13 |
| AD-366591 L | XRD-183 |
| ✓AD-366586 X | XRD-201-Section 10✓ |
| ✓AD-367487 X | XRD-131-Volume 2 L |
| ✓AD-367516 4 | XRD- 1 143✓ |
| ✓AD-367493 X | XRD-142 L |
| AD-801410L✓ | XRD-138 |
| AD-376831L✓ | XRD-83 |
| AD-366759 L | XRD-80 |
| ✓AD-376830L X | XRD-79✓ |
| ✓AD-376828L X | XRD-76✓ |
| ✓AD-367464 X | XRD-106✓ |
| AD-801404L✓ | XRD-105-Volume 1 |
| ✓AD-367459 X | XRD-100✓ |

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| ✓AD-367517✗ | XRD-141 ✓ |
| AD-366762✓ | XRD-84 |
| AD-366760✓ | XRD-81 |
| AD-366761✓ | XRD-82 |
| AD-367501✓ | XRD-158-Volume 1 |
| AD-367507L ✓ | XRD-152-Volume 4 |
| ✓AD-367495 ✗ | XRD-184 ✓ |
| ✓AD-367485 ✗ | XRD-129 ✓ |
| ✓AD-367484 ✗ | XRD-128 ✓ |
| ✓AD-367483 ✗ | XRD-127 ✓ |
| ✓AD-367482 ✗ | XRD-126 ✓ |
| AD-367488 ✓ | XRD-132 |
| ✓AD-367480 ✗ | XRD-124 ✓ |
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| ✓AD-367492 ✗ | XRD-137 ✓ |
| AD-801411L ✓ | XRD-139 |
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| AD-367515 ✓ | XRD-144 |
| AD-367514 ✓ | XRD-145 |
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AD-801406L ✓ XRD-114.

In addition, all of the cited reports are now **approved for public release; distribution statement "A" now applies.**

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