



**NEVADA
OPERATIONS
OFFICE**



NET
NUCLEAR EMERGENCY SEARCH TEAM

**A RESPONSE TO
NUCLEAR TERRORISM**

MISSION

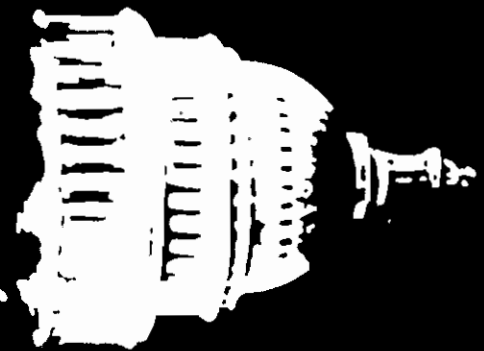
**MAINTAIN DEPLOYABLE SEARCH, IDENTIFICATION
AND DIAGNOSTICS CAPABILITIES IN RESPONSE TO:**

- **LOST OR STOLEN NUCLEAR
WEAPONS AND SPECIAL NUCLEAR
MATERIALS**
- **NUCLEAR EXPLOSIVE THREATS**
- **RADIATION DISPERSAL THREATS**

SUMMARY

EXECUTIVE ORDER 13031

ASSIGNS THE FOLLOWING EMERGENCY PREPAREDNESS FUNCTIONS TO DOE:



- SECURITY OF SNM, FISSIONABLE MATERIAL, NUCLEAR WEAPONS, OR DEVICES IN DOE CUSTODY
- DEVELOP PLANS AND CAPABILITY FOR IDENTIFICATION, ANALYSIS, DAMAGE ASSESSMENT, AND MITIGATION OF HAZARDS FROM NUCLEAR WEAPONS, MATERIALS, AND DEVICES
- PROVIDE ADVICE AND ASSISTANCE, IN COORDINATION WITH APPROPRIATE AGENCIES, TO FEDERAL, STATE, AND LOCAL OFFICIALS AND PRIVATE SECTOR ORGANIZATIONS TO ASSESS THE RADIOLOGICAL IMPACT ASSOCIATED WITH NATIONAL SECURITY EMERGENCIES

UNCLEAR THREAT RESPONSIBILITY (USIA)



- LEAD AGENCY FOR INVESTIGATION OF THE THREAT
- PROTECT PUBLIC HEALTH & SAFETY
- LEAD FOR PUBLIC INFORMATION



- TECHNICAL ASSISTANCE
- NUCLEAR WEAPON EXPERTISE
- THREAT ASSESSMENT
- TECHNICAL PERSONNEL & EQUIPMENT
- HEALTH & SAFETY ASSISTANCE



- DISABLEMENT
- PROVIDE ACCESS FOR DOE DIAGNOSTICS
- PERFORM EXPLOSIVE ORDNANCE DISPOSAL



NEEST



NEEST
DEPLOYMENT

ASSESSMENT & DEPLOYMENT

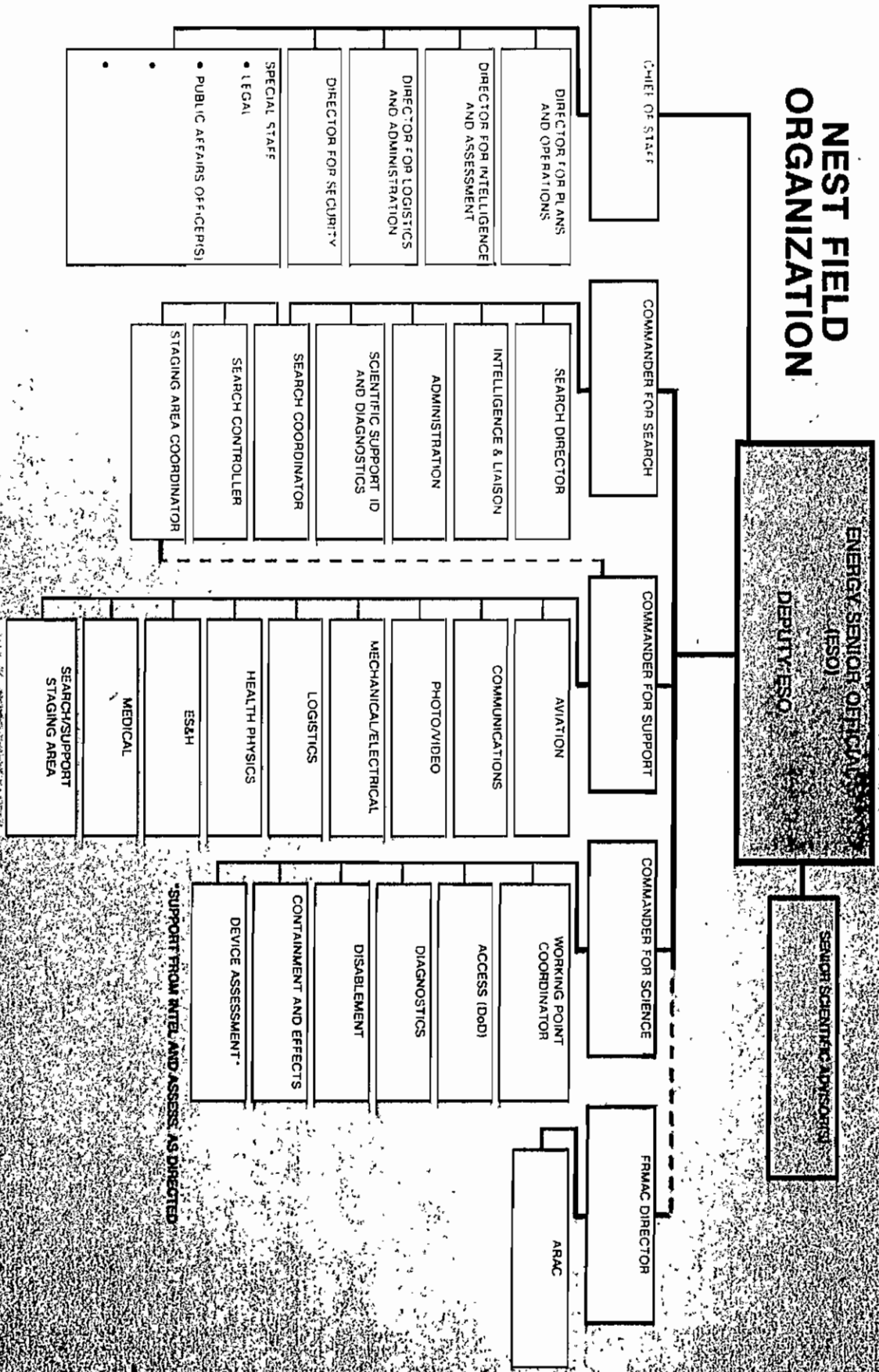
DEPLOYMENT ACTIVITIES



NIT **ON-SCENE ACTIVITIES**

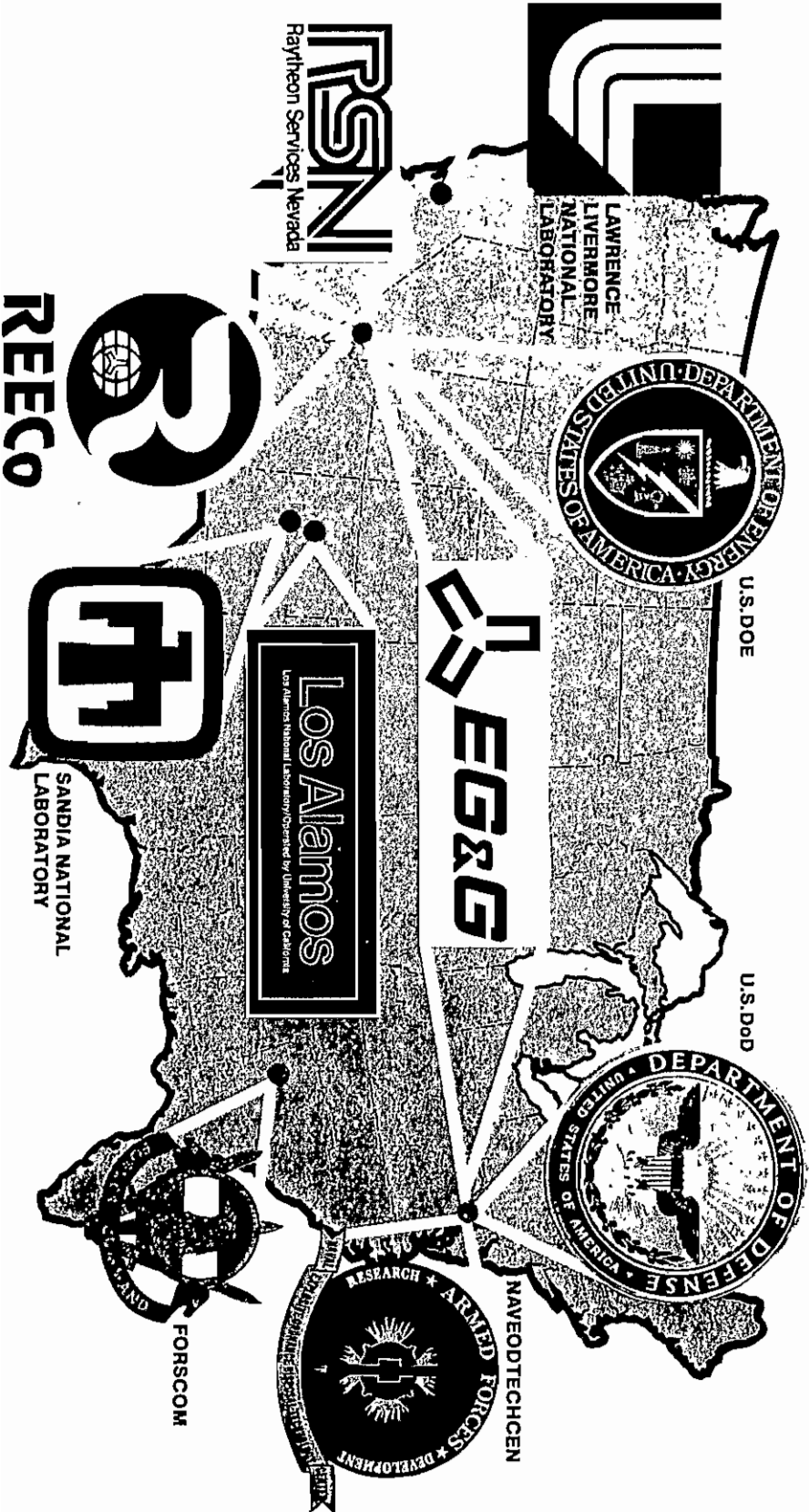


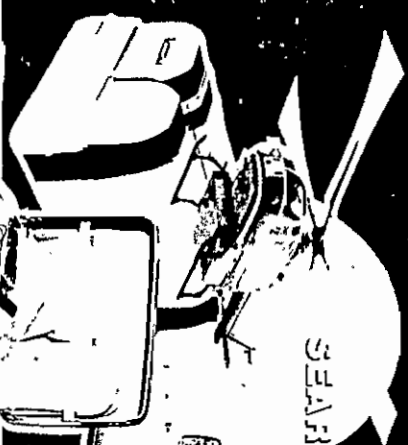
NEST FIELD ORGANIZATION



SUPPORT FROM INTEL AND ASSESS, AS DIRECTED

NET TEAM MEMBERS



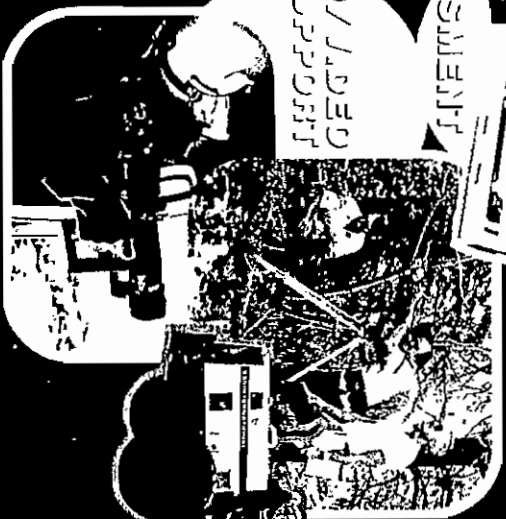


SEARCH

THREAT



ASSESSMENT



PHOTO/VIDEO SUPPORT



NEVADA OPERATIONS



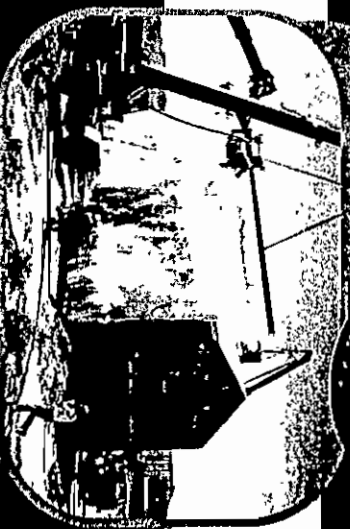
COMMAND & CONTROL



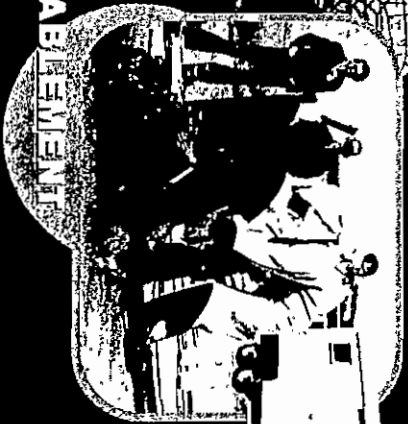
DAMAGE LIMITATION



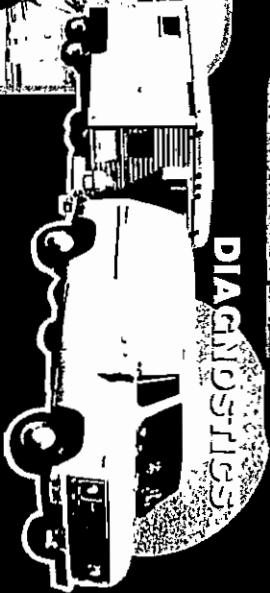
TRAINING



LOGISTICS

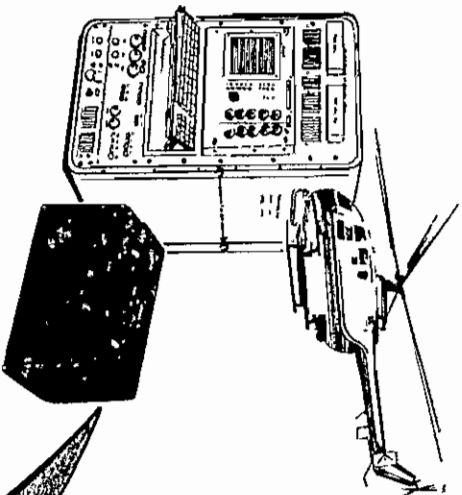


DISABLEMENT



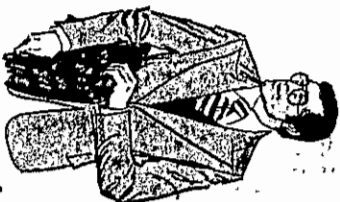
DIAGNOSTICS

NEST EQUIPMENT



- Airborne/Vehicle Radiation Detectors
- Handheld Radiation Detectors
- Aircraft: Helicopters & Fixed Wing
- Diagnostics Systems
- Disablement Systems
- Damage Limitation Systems
- Assessment Systems
- Technical/Scientific Support

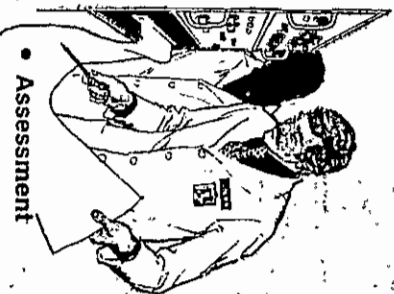
NEST PERSONNEL



- Atmospheric Physicists
- Chemists
- Communications
- Data Analysts
- Engineers
- Health Physicists
- Infrared Physicists
- Logistics
- Management Personnel
- Mathematicians
- Nuclear Physicists
- Photographers

- Physicians
- Pilots & Ground Crews
- Public Information Specialists
- Scientific Flight Crews
- Tracking & Reentry Analysis

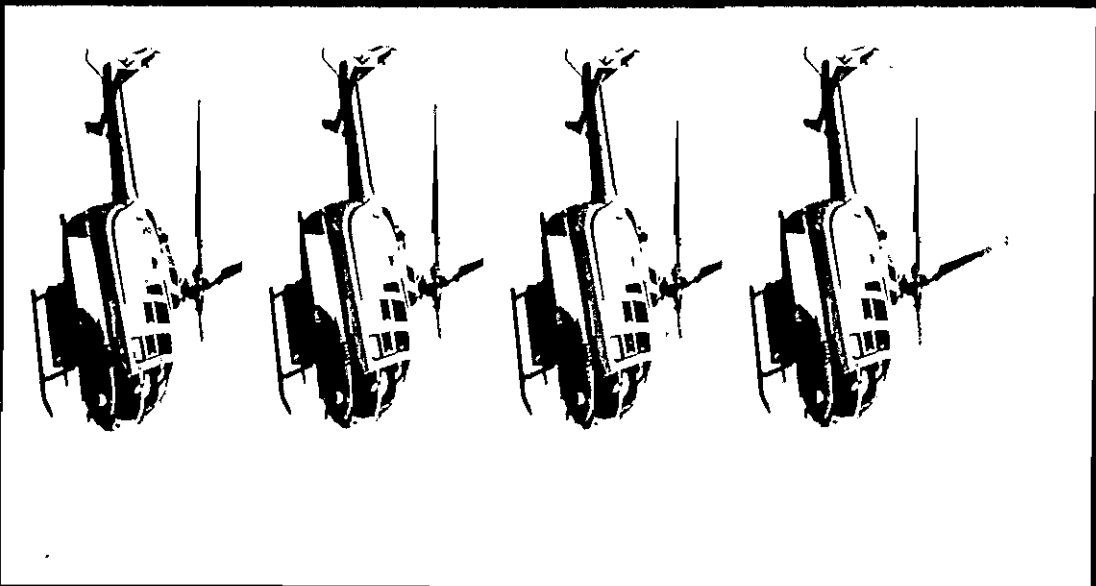
NEST TECHNOLOGY



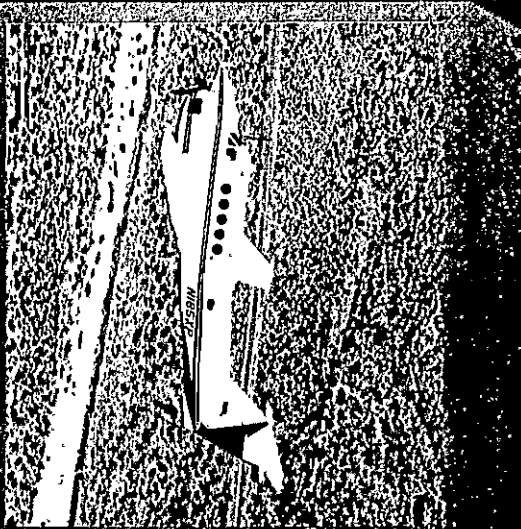
- Assessment
- Search
- Access
- Diagnostics
- Disablement
- Damage Limitation
- Communications
- Photo/Video

SPECIALIZING
NEST RESPONSE
FOR EACH PROBLEM
(SELECTED ACCORDING TO PROBLEM)

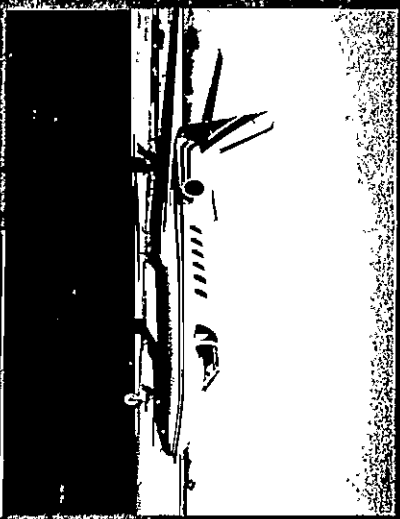
PLATFORMS



MBB BO-105



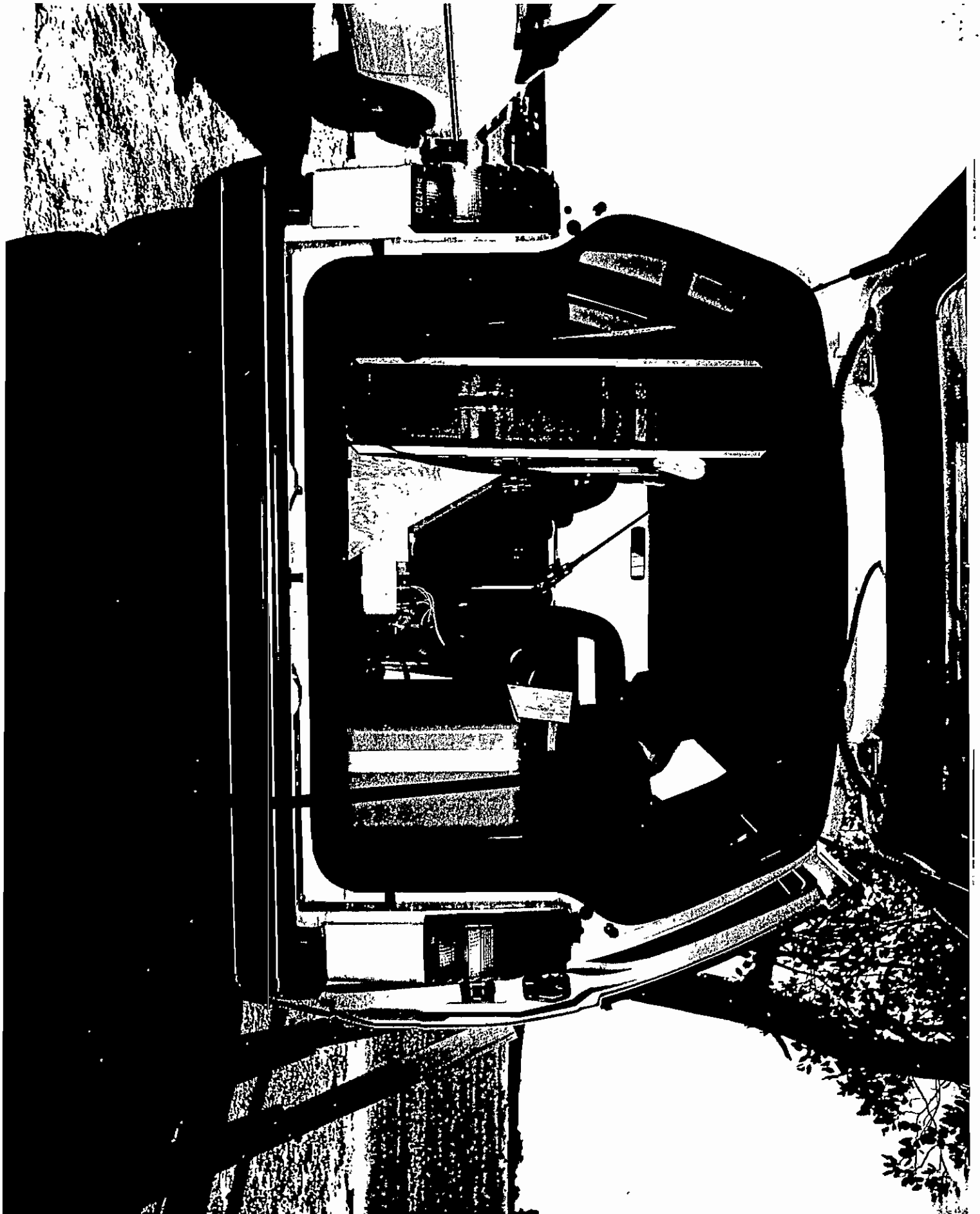
KING AIR B-200

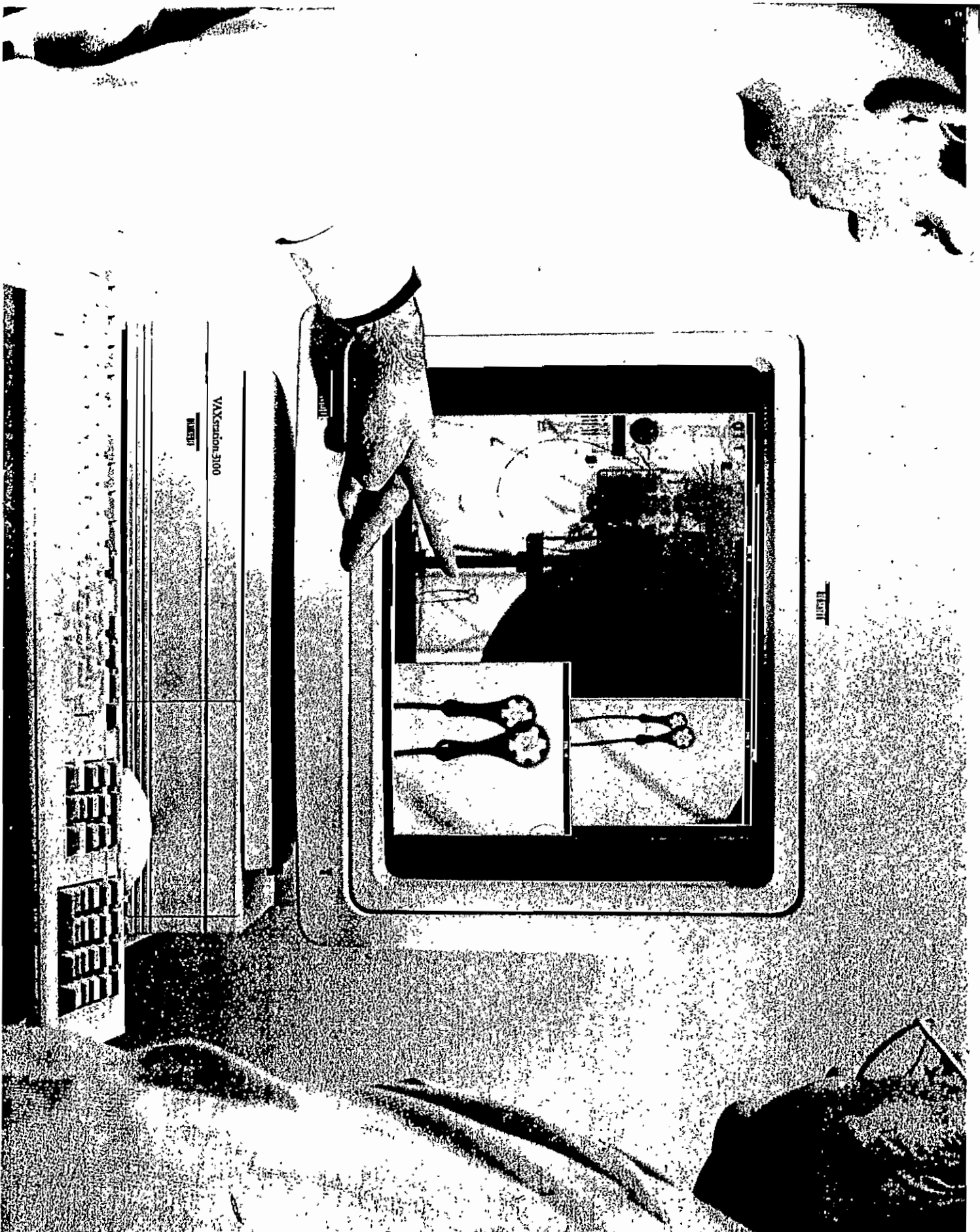


CITATION II



CONVAIR 580T



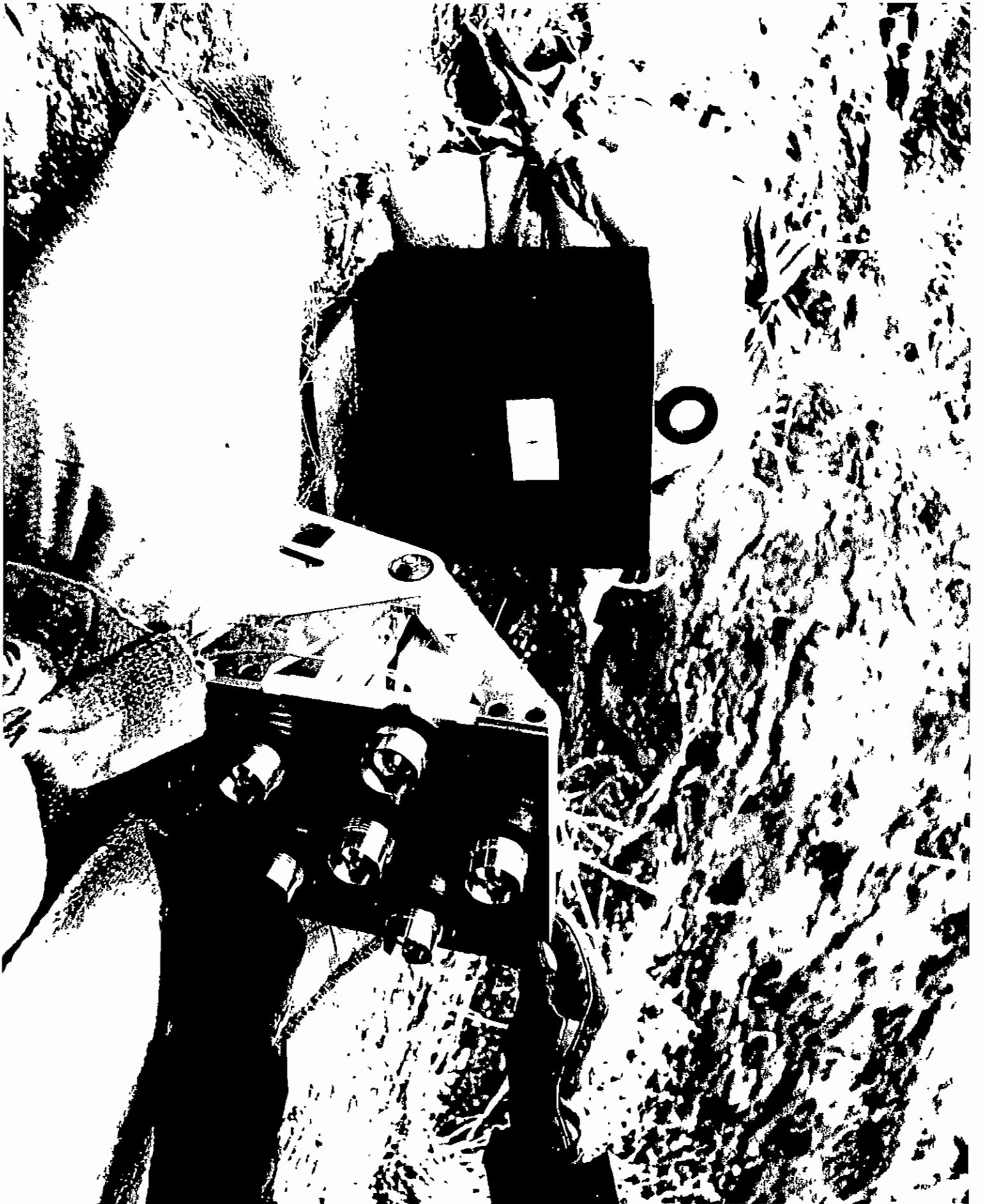


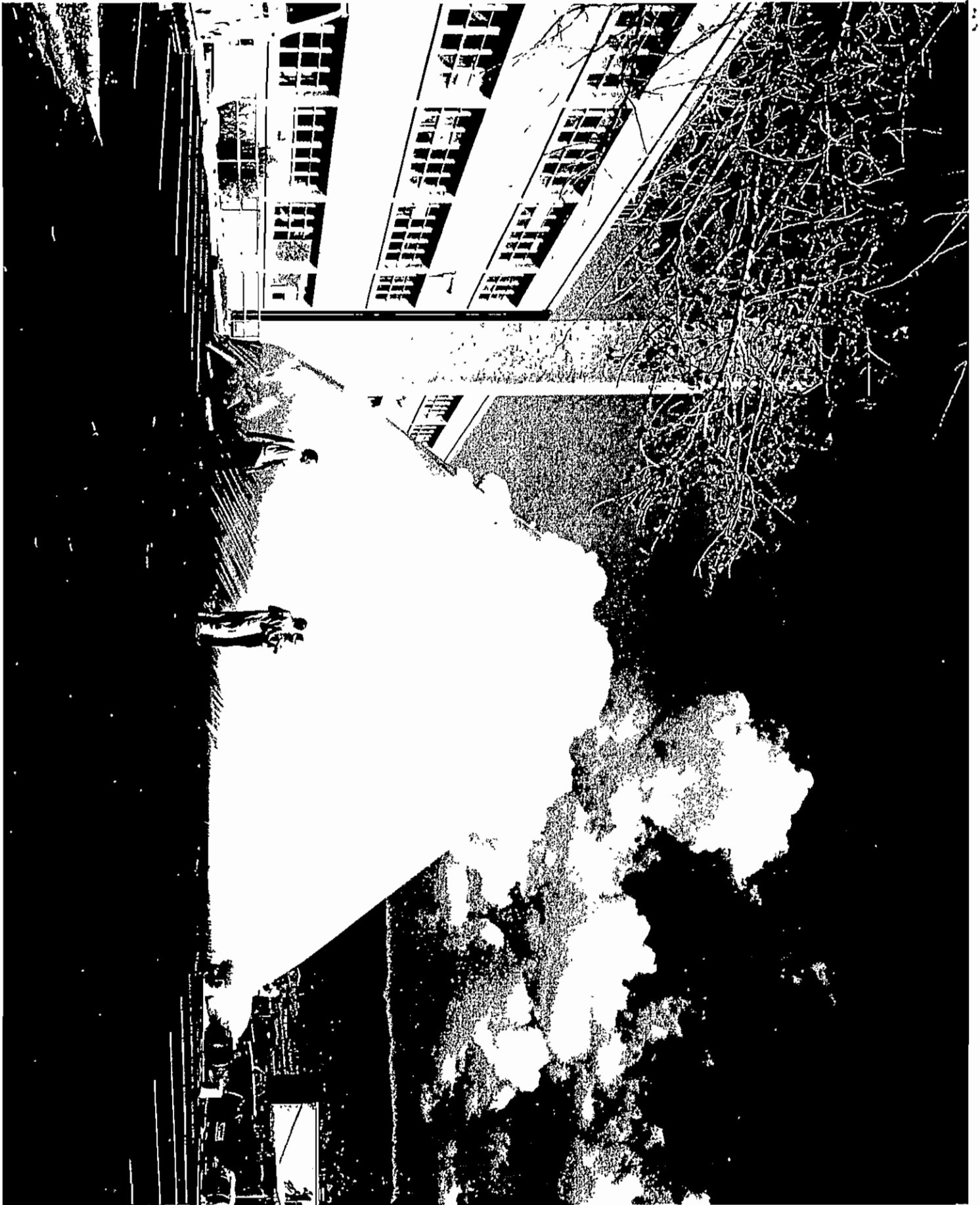
VAXstation 3100

HEWLETT

HEWLETT

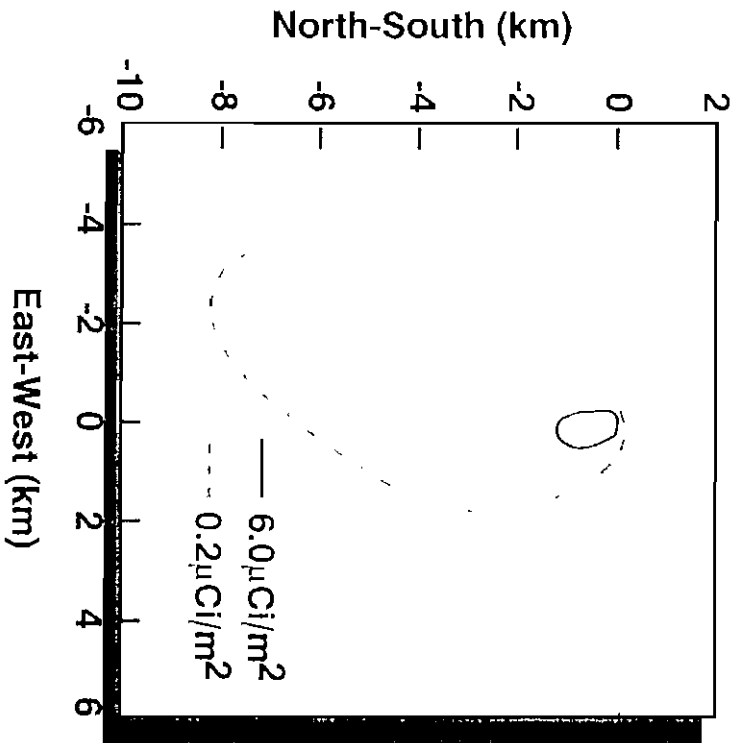
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Ground Deposition

100 lb HE
Unmitigated



100 lb HE
3 m 100:1 Aqueous Foam

