K/EM-100

URANIUM HEXAFLUORIDE RELEASE TO THE ATMOSPHERE PHOTOGRAPHS

(Box #12-2-5-28, Item 6)
(Compilation of 6 Unnumbered Photographs)

Compiled by
S. G. Thornton
Environmental Management Division
OAK RIDGE K-25 SITE
for the Health Studies Agreement

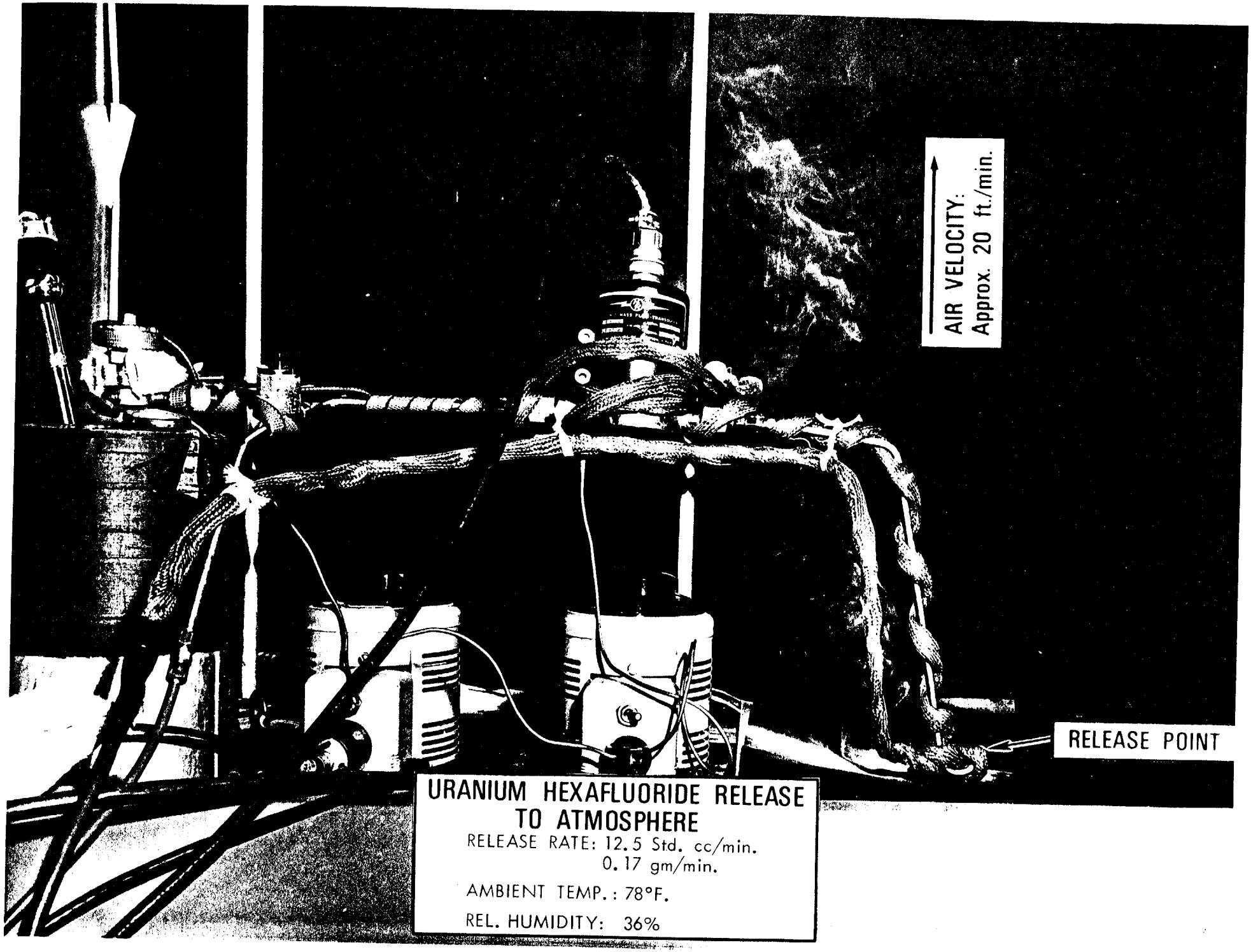
March 29, 1995

This document has been approved for release to the public by:

Technical Information Officer 3/29/95
Oak Ridge K-25 Site Date

Oak Ridge K-25 Site
Oak Ridge, Tennessee 37831-7101
managed by MARTIN MARIETTA ENERGY SYSTEMS, INC.
for the U.S. DEPARTMENT OF ENERGY
under Contract DE-AC05-84OR21400

ChemRisk Document No. 1657

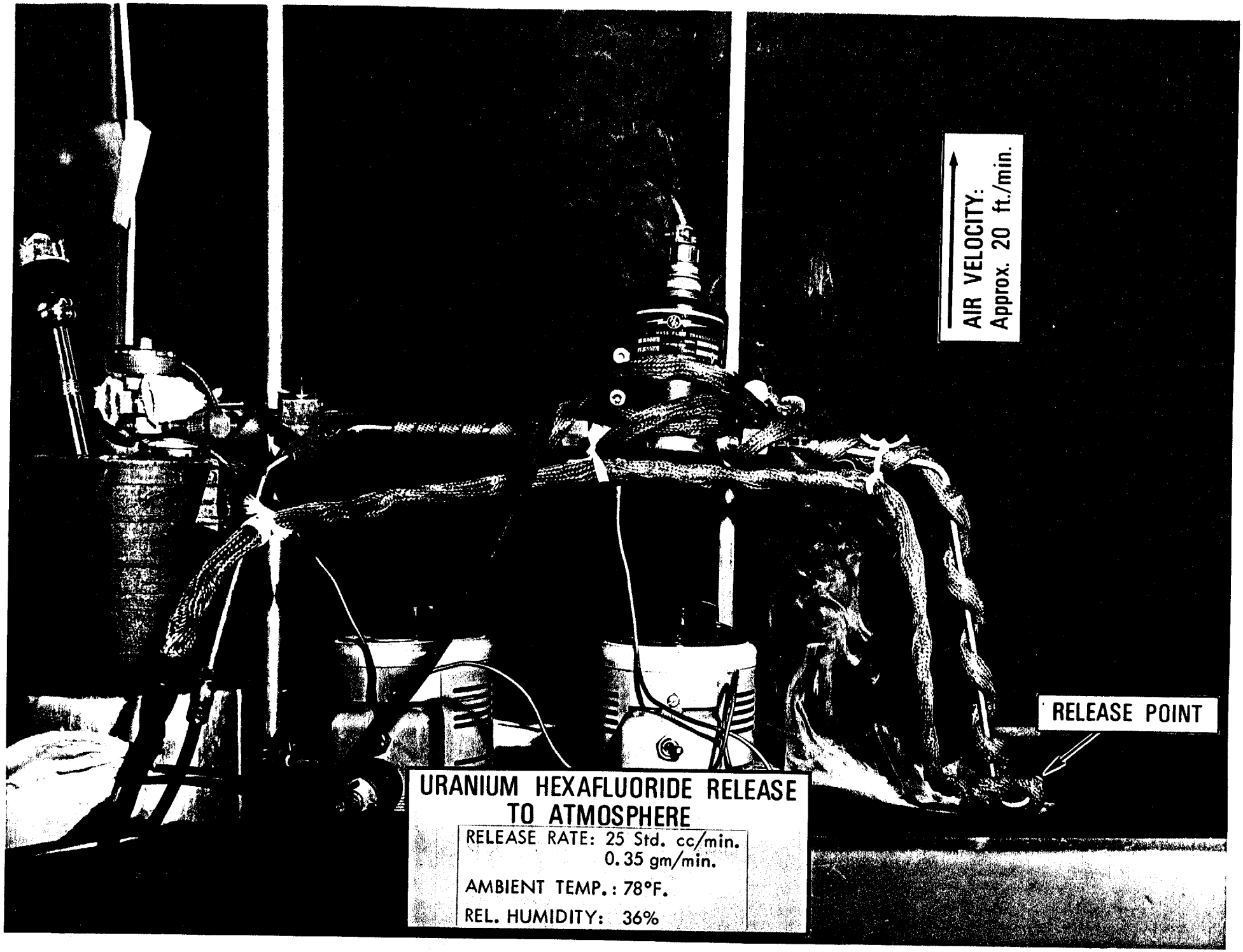


URANIUM HEXAFLUORIDE RELEASE TO ATMOSPHERE

RELEASE RATE: 12.5 Std. cc/min.
0.17 gm/min.

AMBIENT TEMP.: 78°F.

REL. HUMIDITY: 36%

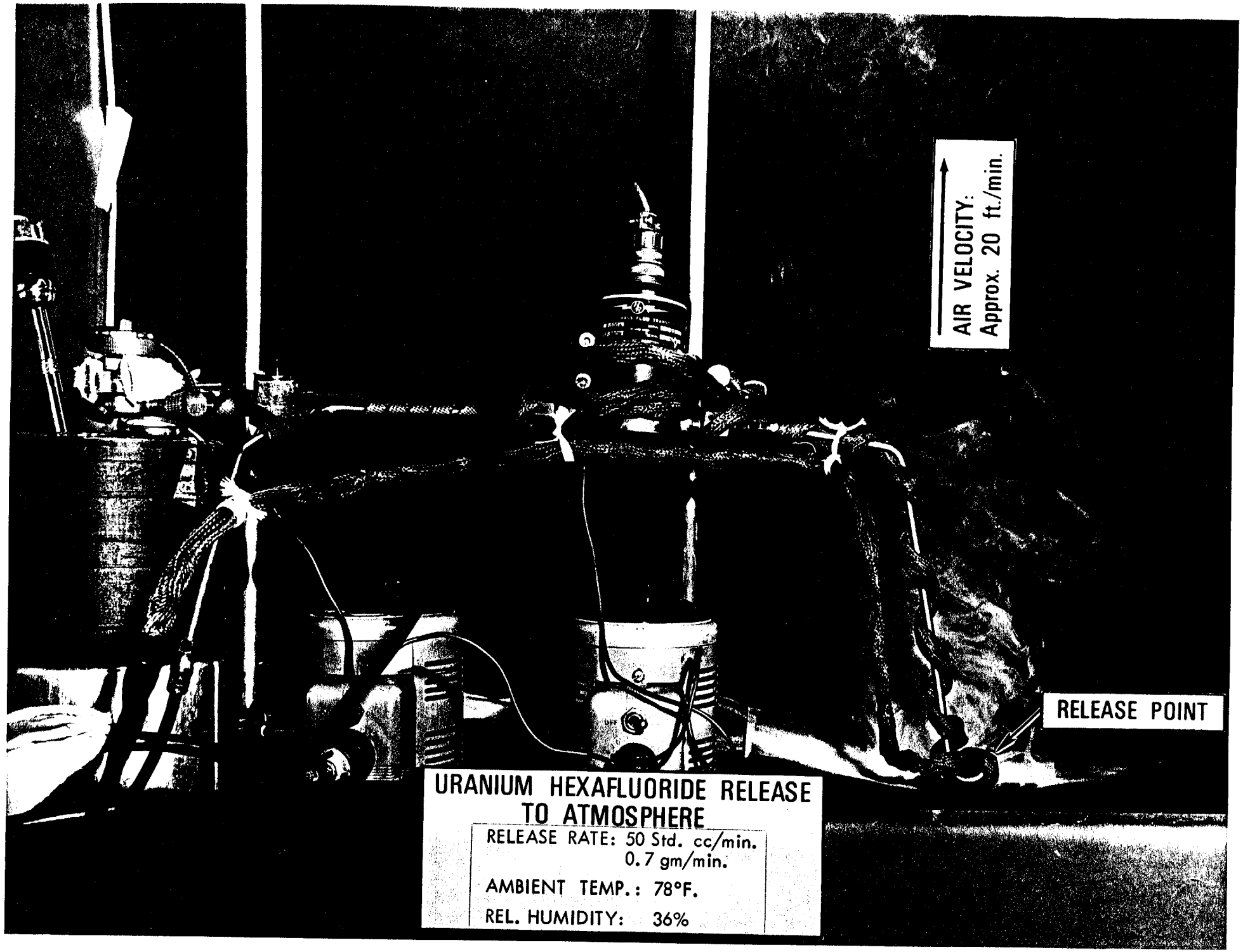


URANIUM HEXAFLUORIDE RELEASE TO ATMOSPHERE

RELEASE RATE: 25 Std. cc/min.
0.35 gm/min.

AMBIENT TEMP.: 78°F.

REL. HUMIDITY: 36%

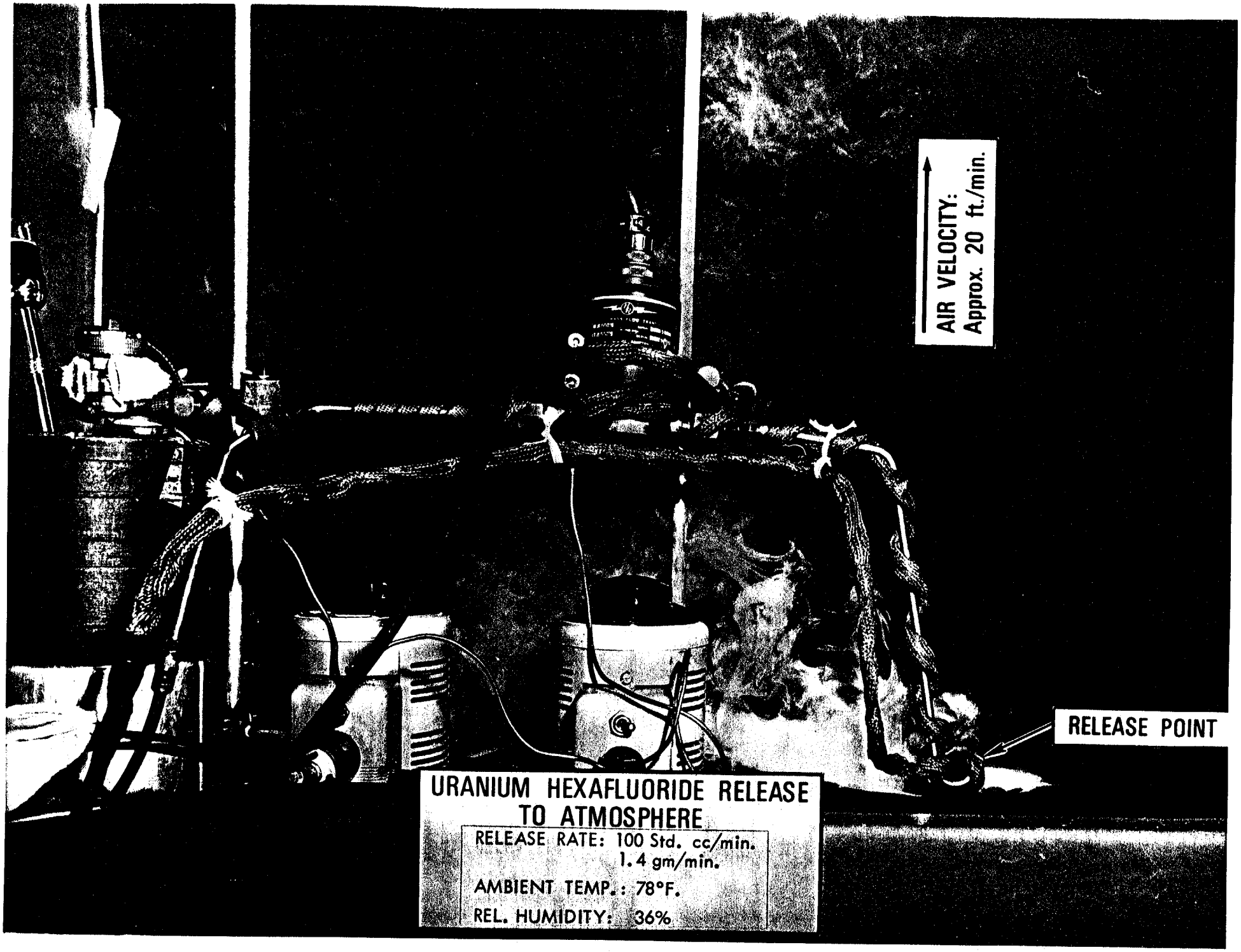


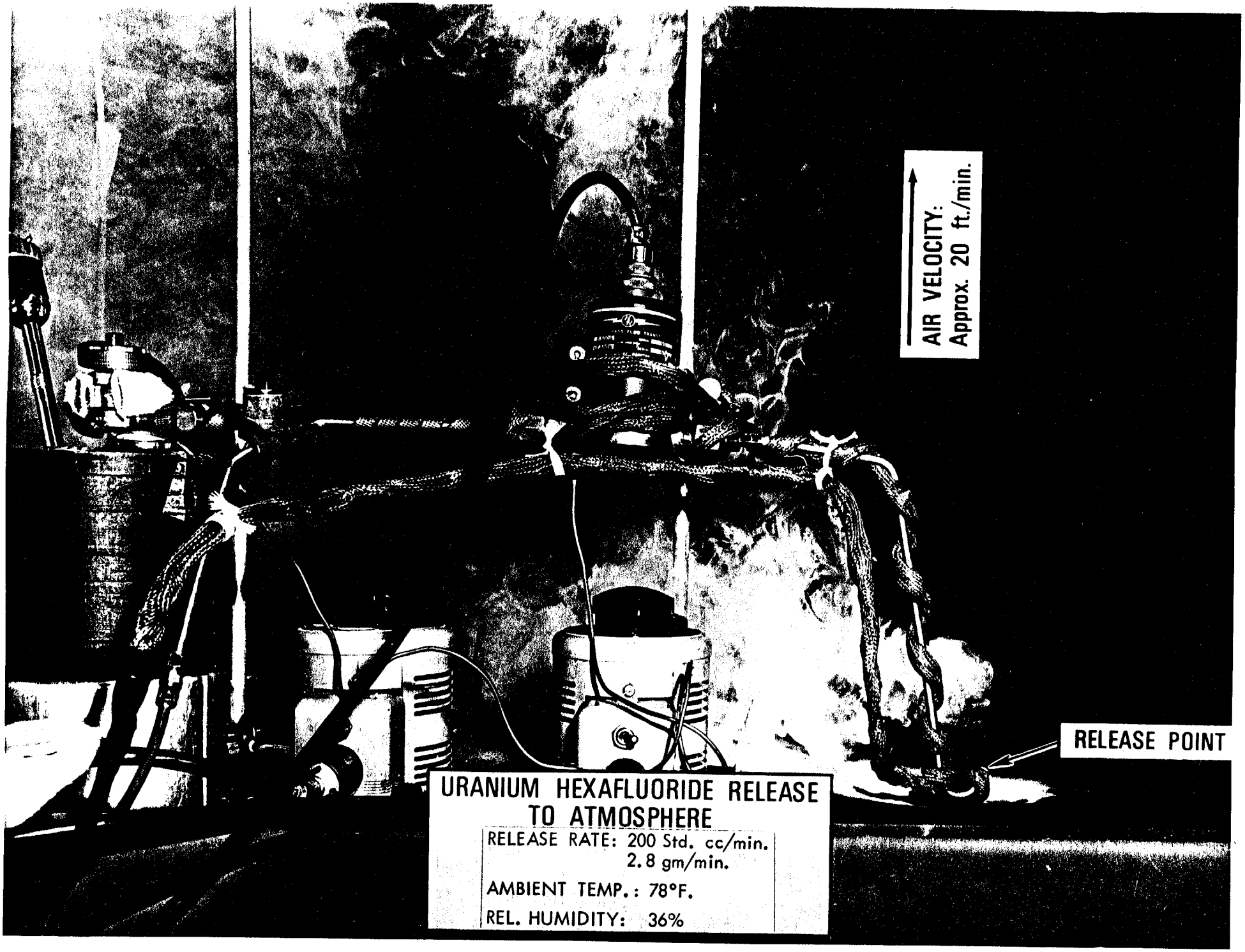
URANIUM HEXAFLUORIDE RELEASE TO ATMOSPHERE

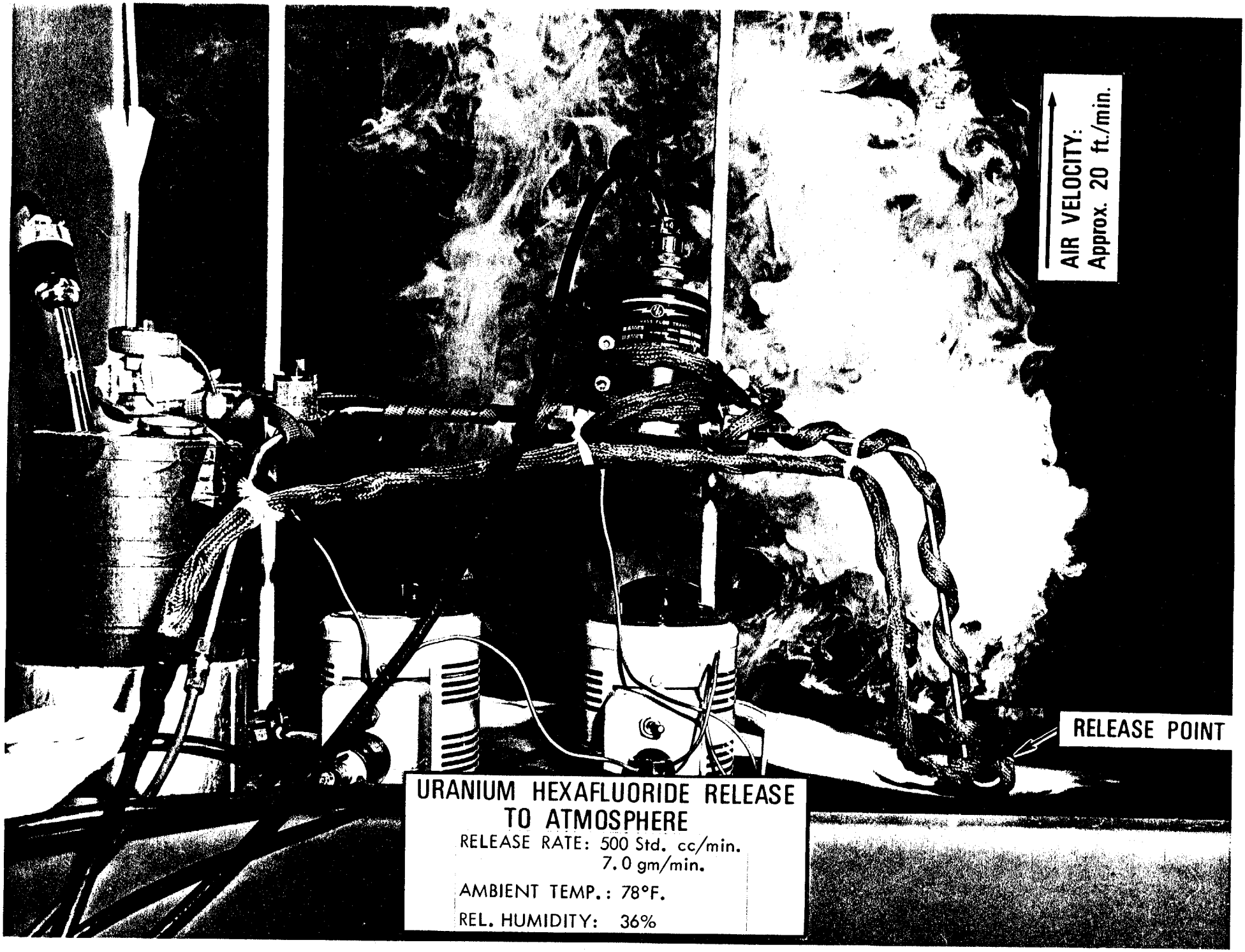
RELEASE RATE: 50 Std. cc/min.
0.7 gm/min.

AMBIENT TEMP.: 78°F.

REL. HUMIDITY: 36%


AIR VELOCITY:
Approx. 20 ft./min.
RELEASE POINT
URANIUM HEXAFLUORIDE RELEASE
TO ATMOSPHERE
RELEASE RATE: 100 Std. cc/min.
1.4 gm/min.
AMBIENT TEMP.: 78°F.
REL. HUMIDITY: 36%


AIR VELOCITY:
Approx. 20 ft./min.
RELEASE POINT
URANIUM HEXAFLUORIDE RELEASE
TO ATMOSPHERE
RELEASE RATE: 200 Std. cc/min.
2.8 gm/min.
AMBIENT TEMP.: 78°F.
REL. HUMIDITY: 36%



URANIUM HEXAFLUORIDE RELEASE TO ATMOSPHERE

RELEASE RATE: 500 Std. cc/min.
7.0 gm/min.

AMBIENT TEMP.: 78°F.

REL. HUMIDITY: 36%