



Mapped and edited by Tennessee Valley Authority  
Published by the Geological Survey  
Control by NOS/NOAA, USGS, WPA and TVA  
Topography by USGS and TVA by photogrammetric  
methods using aerial photographs  
Map field checked by TVA, 1947  
Polyconic projection, 10,000-foot grid ticks based on Tennessee  
coordinate system, 1000-meter Universal Transverse Mercator  
grid ticks, zone 16, shown in blue, 1927 North American Datum.  
To place on the predicted North American Datum 1983  
move the projection lines 7 meters south and 3 meters  
west as shown by dashed corner ticks  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

Revisions limited to the Arnold Air Force Base Reservation  
and its immediate vicinity compiled by the Tennessee Valley  
Authority from aerial photographs taken 1992 and other  
sources. This information not field checked. Map edited 1993  
NOTE: THIS IS A PARTIALLY REVISED MAP SHEET FOR  
SPECIAL PURPOSE USE BY ARNOLD AIR FORCE BASE

SCALE 1:24 000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 2 3 4 5 6 7 8 9 10 KILOMETER

CONTOUR INTERVAL 20 FEET  
DASHED LINES REPRESENT HALF INTERVAL CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092,  
TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY, NASHVILLE, TENN., 37219  
AND U. S. TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TENN. 37401 OR KNOXVILLE, TENN., 37902  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION (TVA 93-SW)

Primary highway, all weather, hard surface	Light-duty road, all weather, improved surface
Secondary highway, all weather, hard surface	Unimproved road, fair or dry weather

○ Interstate Route    □ U. S. Route    ○ State Route

Revisions shown in purple and woodland compiled by the Tennessee Valley Authority from aerial photographs taken 1981 and other sources. This information not field checked. Map edited 1983  
Fine purple dashed lines indicate selected fence and field lines where generally visible on aerial photographs

ALTO, TENN.  
35085-C8-TF-024

1947  
PHOTOREVISED 1983  
DMA 3854 IV SW-SERIES 94-1

SPECIAL PARTIAL REVISION 1993

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