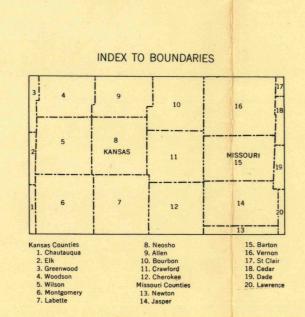


A.M.S. V502

Prepared under the direction of the Chief of Engineers by the Army Map Service (AM), Corps of Engineers, Department of the Army, Washington, D. C. Compiled in 1947 from United States Quadrangles, 1:24,000, 1:62,500 and 1:125,000, U. S. Geological Survey and Corps of Engineers, 1893-1945; County Highway Maps, 1938-40; and intelligence data to 1947. Planimetric detail partially revised by photo-planimetric methods. Aerial photography 1937-44. Road, railroad and aeronautical data verified by State Author ities 1947-48. Control by U. S. Coast and Geodetic Survey.

## LEGEND ROAD DATA 1947 BOSTON RICHMOND ALEXANDRIA POPULATED PLACES 3 LANES | 4 LANES Small; Large built-up area. 500,000 or over \_ 3 LANES | 4 LANES 100,000 to 500,000 \_\_ 25,000 to 100,000 \_\_\_\_ ----Marion Loose surface, graded and drained road 5,000 to 25,000 \_\_\_\_ 1,000 to 5,000 \_\_\_\_\_ Old Dominion Dirt road; Trail \_ =====:-----1,000 or less \_\_\_\_\_ \_\_\_\_\_\_ Stowell Route markers: Federal; State \_\_\_\_\_\_\_ = 555= = 73 RAILROADS Standard gauge \_\_\_\_\_ Single track Multiple track Woodland Narrow gauge \_\_\_\_\_ Mine \_\_\_\_ \* Falls BOUNDARIES State \_\_\_\_\_ Military airfield \_\_\_\_\_ O Intermittent stream \_ \_\_\_\_\_ Municipal or commercial airfield\_ 🗘 Swamp, marsh\_\_\_ County \_\_\_\_ Park and reservation \_\_\_\_\_ Auxiliary airfield \_\_\_\_\_ \_ + Reef; Limit of danger line \_\_\_\_ Horizontal control point \_\_\_\_\_\_ & Seaplane base \_\_\_\_\_\_ & Rocks awash; Wharf, pier \_\_\_\_ Mud Sand



## 5000 0 5000

Scale 1:250,000 25 Miles 35 Kilometers 30000 3500 35000 Yards 20000 25000 10000 15000 CONTOUR INTERVAL 100 FEET DATUM IS MEAN SEA LEVEL TRANSVERSE MERCATOR PROJECTION

100,000 FOOT GRIDS BASED ON KANSAS COORDINATE SYTSEM, SOUTH ZONE, AND MISSOURI COORDINATE SYSTEM, WEST ZONE

1927 NORTH AMERICAN DATUM

1948 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 9°19' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 8°00' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS NEGLIGIBLE. FOR SALE BY U. S. GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, COLORADO OR WASHINGTON 25, D. C.

0°	9	8° 9	6°	94° 9	2°
	NJ 14-2 BELOIT	NJ 14-3 manhattan	NJ 15-1 KANSAS CITY	NJ 15-2 MOBERLY	UNINCY ILLINOIS NJ 15-3
1	NJ 14-5	KANSAS NJ 14-6 HUTCHINSON	LAWRENCE NJ 15-4	JEFFERSON CITY	NJ 15-6
	NJ 14-8	NJ 14-9	NJ 15-7 JOPLIN	MISSOURI NJ 15-8 • SPRINGFIELD	•Rolla NJ 15-9
	• NJ 14-11 woodward	ENID NJ 14-12 OKLAHOMA	NJ 15-10	NJ 15-11 Harrison	NJ 15-12
	NI 14-2 CLINTON	oklahoma city • NI 14-3	NI 15-1	ARKANSAS NI 15-2 RUSSELLVILLE	NI 15-3 MEMPHIS

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY -----

CTIONIZED TOWNSHIP								
5	5	4	. 3	2	1			
7	8	9	10	11	12			
8	17	16	15	14	13			
9	20	21	22	23	24			
30	29	28	27	26	25			
31	32	33	34	35	36			

USCS Historical File Topographic Division

W. S. C. S.

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COVERAGE DIAGRAM COMPILATION METHODS Photo-planimetric

A. Large scale topographic maps, 1906-45, reliability good B. Medium scale topographic maps, 1893-1914, reliability fair Date of aerial photography: 1937-44

> JOPLIN, UNITED STATES N3700-W9400/100X200