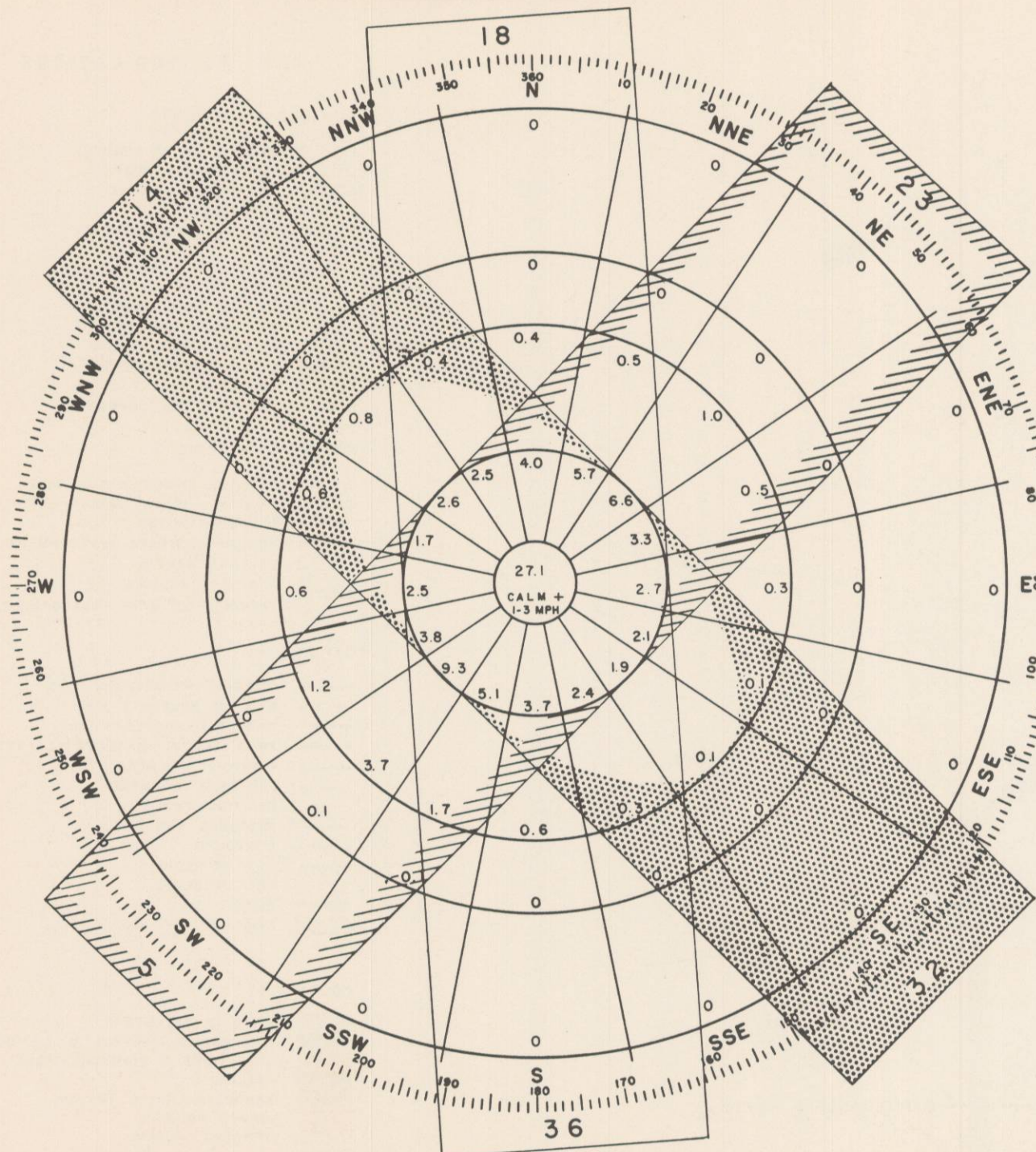


WIND DATA PERIOD APRIL 1948 THRU MARCH 1951

USAF RUNWAY WIND COMPUTER

SCALE IN MILES PER HOUR

0 EQUALS LESS THAN .05 PERCENT

WIND COVERAGE TABULATIONS

EXISTING RUNWAY DIRECTIONS AND COMBINATIONS							PLANNED RUNWAY DIRECTIONS AND COMBINATIONS						
% OF TRAFFIC	RUNWAY DIAGRAM	RUNWAY OR COMBINATION	RUNWAY		% COVERED	% NOT COVERED	RUNWAY DIAGRAM	RUNWAY OR COMBINATION	RUNWAY		% COVERED	% NOT COVERED	ULTIMATE EXTENSION
			LOAD BEAR. CAPACITY	LENGTH & WIDTH					LOAD BEAR. CAPACITY	LENGTH & WIDTH			
61.5		5 - 23	10,000 SINGLE	4,500' X150'	96.59	3.41		5 - 23	25,000	6,500' X150'	96.59	3.41	
14.5		14 - 32	10,000 SINGLE	4,500' X150'	90.50	9.50		14 - 32	25,000	4,500' X150'	90.50	9.50	
24.0		18 - 36	16,000 SINGLE	4,500' X150'	92.03	7.97		18 - 36	TO BE USED AS APRON & TAXIWAY				
		5 - 23 14 - 32			98.93	1.07		5 - 23 14 - 32			98.93	1.07	
		5 - 23 18 - 36			98.42	1.58							
		14 - 32 18 - 36			94.43	5.57							
		5 - 23 14 - 32 18 - 36			99.55	0.45							

DATA FROM U. S. WEATHER BUREAU.
* INDICATES INSTRUMENT RUNWAY.

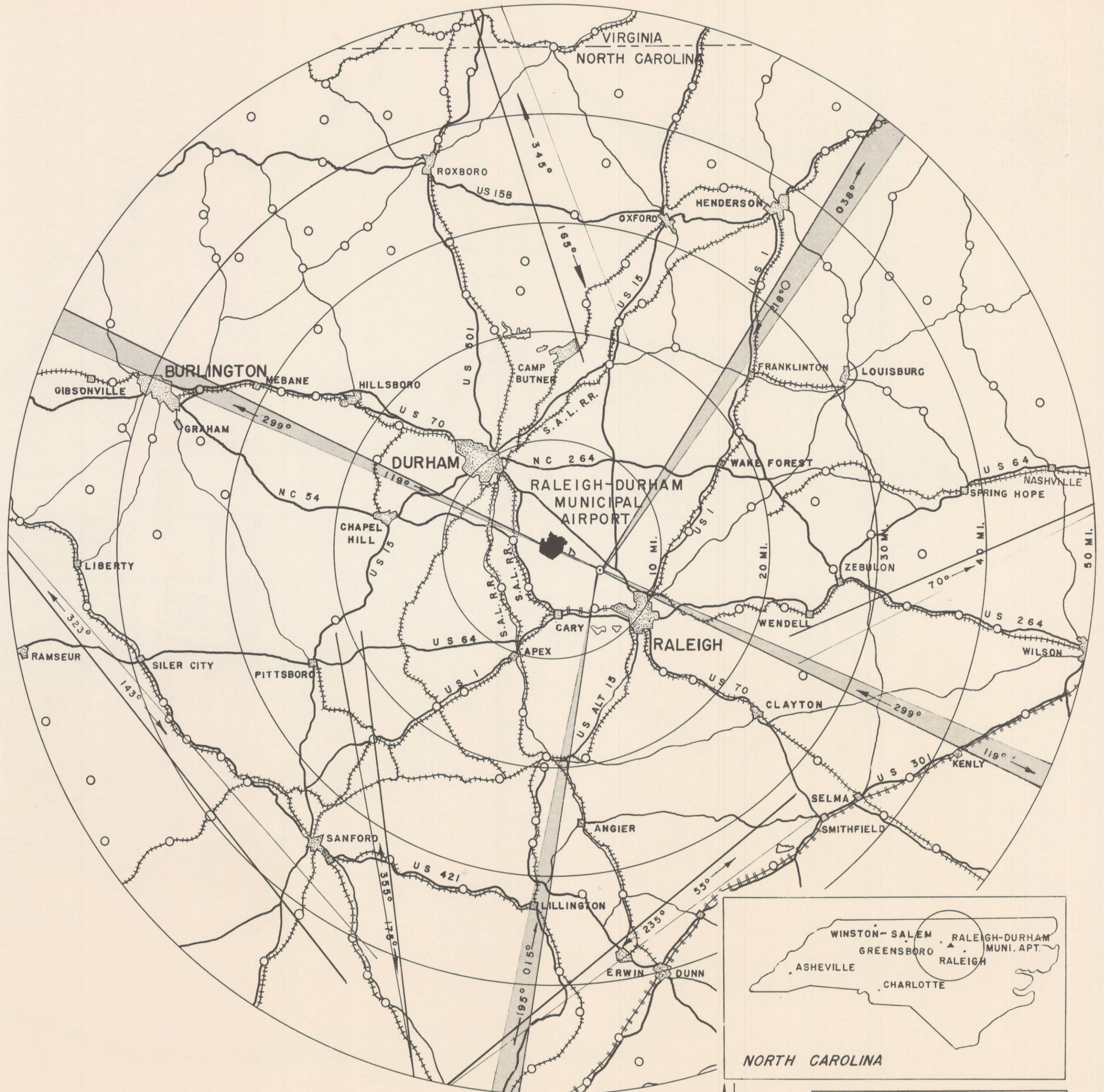
* INDICATES INSTRUMENT RUNWAY.

NOTE

EXISTING LOAD BEARING CAPACITIES ARE SHOWN

BY SINGLE OR DUAL WHEEL LOAD AS NOTED.

PLANNED LOAD BEARING CAPACITIES ARE SHOWN
AS 25,000 LBS. SINGLE OR 100,000 LBS. DUAL
WHEEL LOADS.



NORTH CAROLINA

VICINITY MAP

NORTH

4° W.
MAG. DEC.

RALEIGH-DURHAM
MUNICIPAL AIRPORT
RALEIGH N.CAROLINA

VICINITY MAP
WIND ANALYSIS
AIRFIELD PAVEMENT