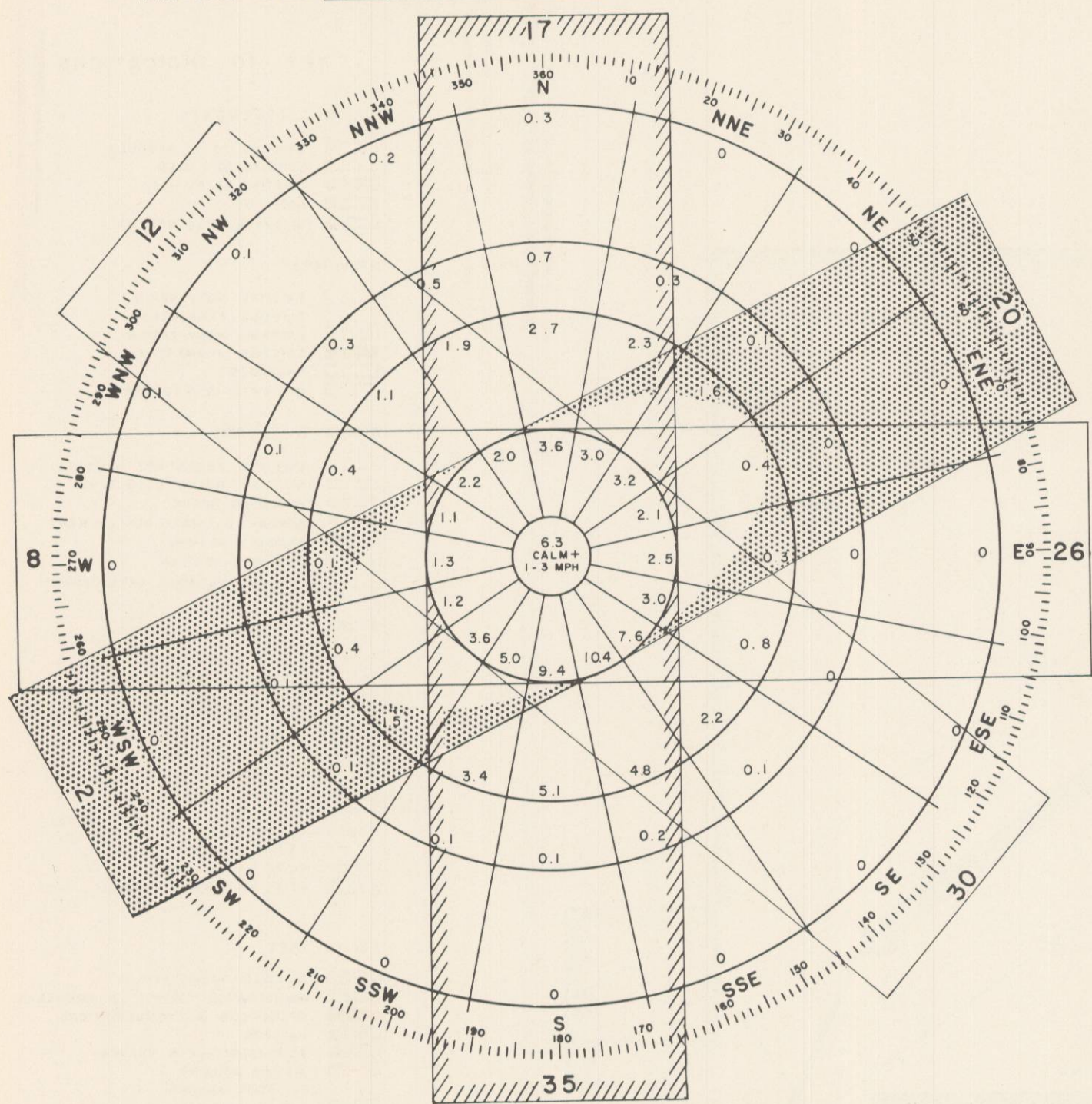
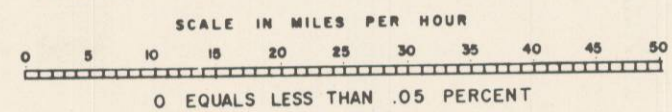


WIND DATA PERIOD APRIL 1942 — MARCH 1944



USAF RUNWAY WIND COMPUTER

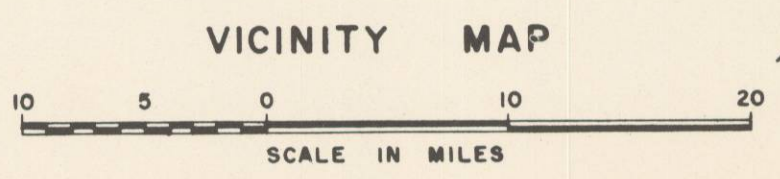
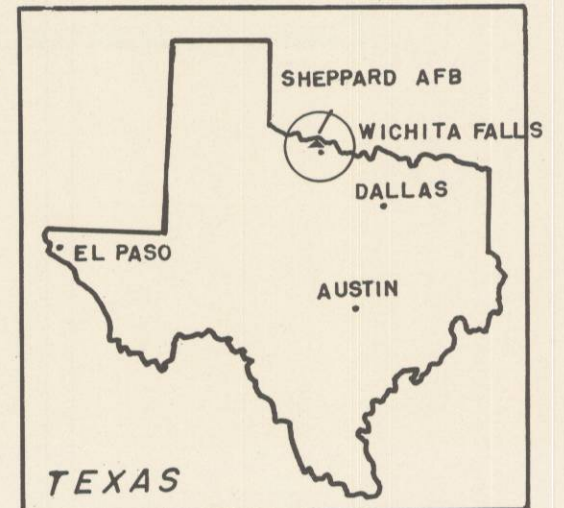
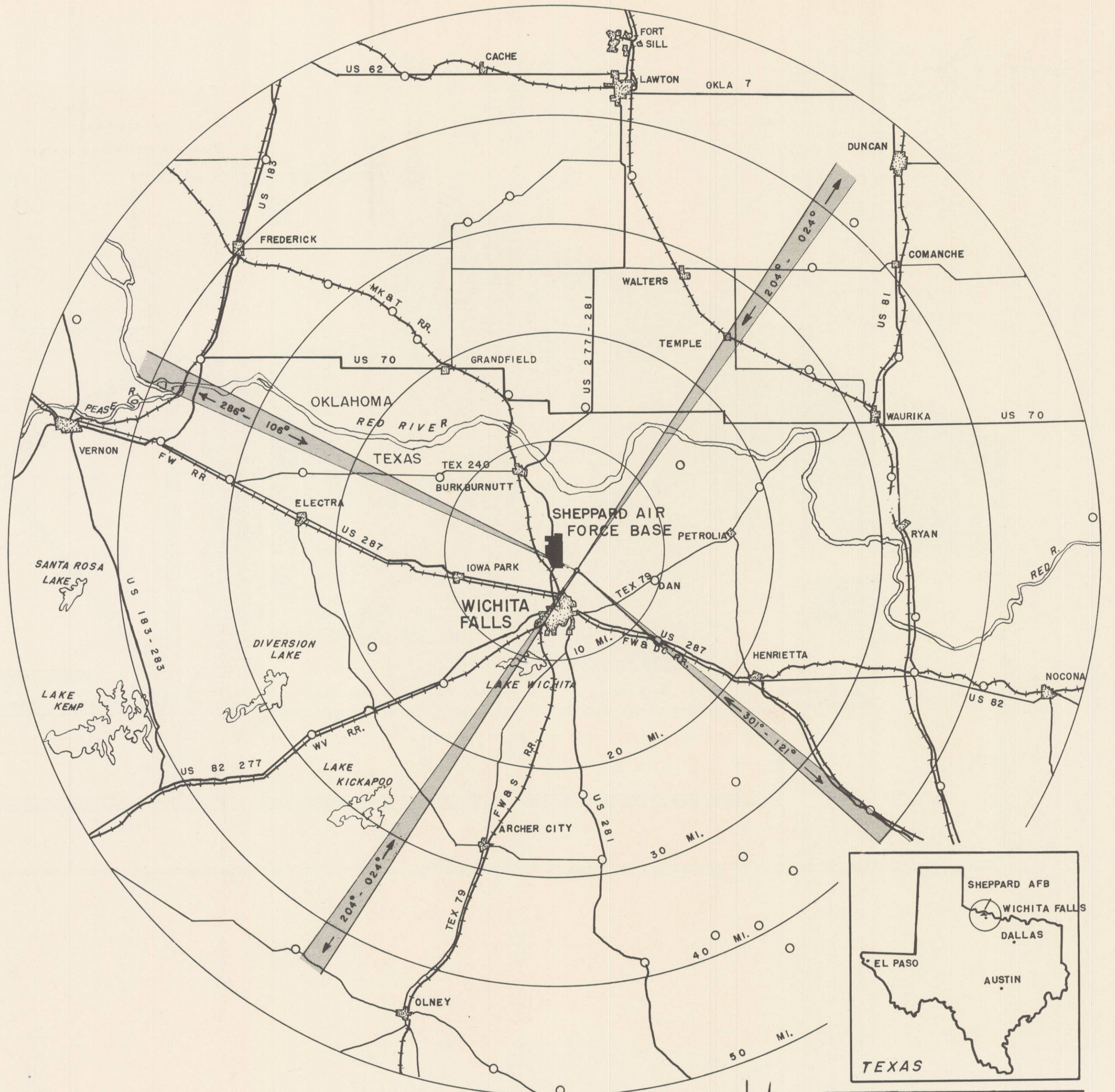


WIND COVERAGE TABULATIONS

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			
50.8	*	17-35 17 R-35L 17 L-35R	25,000 SINGLE	7,000' X 150'	92.2	7.8	*	17-35	25,000	10,000' X 150'	92.2	7.8	TO 15,000' NORTH
29.8	//	2-20	25,000 SINGLE	4,782' X 150'	84.6	15.4	//	2-20	25,000	4,782' X 150'	84.6	15.4	TO 15,000' N.E.
10.1	—	12-30	RUNWAY USED AS TAXIWAY				+	17-35 2-20			95.2	4.8	
9.3	—	8-26	RUNWAY USED AS APRON										
	+	17-35 2-20			95.2	4.8							

DATA FROM U.S. WEATHER BUREAU.
* 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.



SHEPPARD
AIR FORCE BASE
WICHITA FALLS TEXAS
VICINITY MAP
WIND ANALYSIS
AIRFIELD PAVEMENT