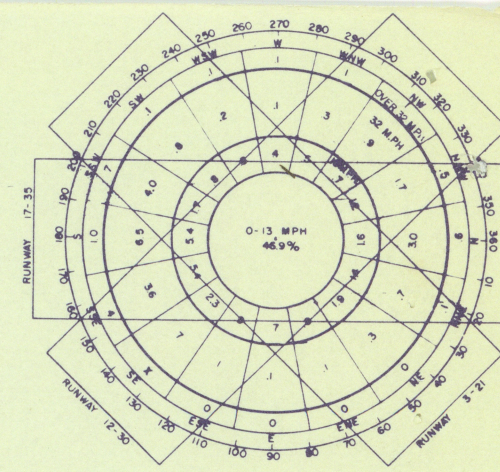
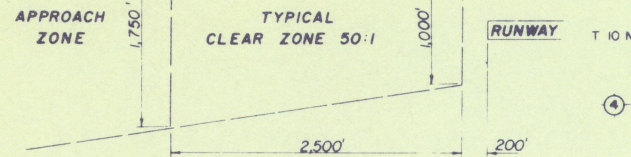


- NOTES:
1. Phased out E-W Runway is strengthened for use as Taxiway D Project 6010
 2. Beacon Light 75' high atop of Terminal Building
 3. ILS Installation, Runway 17R-35L, Approach Lights are at South End of Runway
 4. F.A.A. Participation of N-S Runway limited to 9400'
 5. All clear zone dimensions and requirements are to meet F.A.A. Requirements for Instrument Runways
 6. Taxiway Widths are 75'
 7. Property fences are either Hog Wire with 3 Strands of Barbed Wire or Light Weight Chain Link Security Fences are Chain Link from 4' to 6' in height
 8. High Intensity Lighting - Runway 17R-35L
Medium Intensity Lighting - Runway 12-30 Flush Type



WIND ROSE
OKLAHOMA CITY, OKLAHOMA

JAN 1949 - DEC 1953
43,824 OBSERVATIONS
U.S. WEATHER BUREAU
BASED ON 15 MPH CROSSWIND

WIND DIRECTION	PERCENTAGE
0-13 MPH	46.9%
14-17 MPH	17.3%
18-21 MPH	9.0%
22-25 MPH	3.7%
TOTAL	99.7%

BASIC DATA			
ITEM	EXISTING	THIS PROJECT	ULTIMATE
AIRPORT ELEVATION, FEET M.S.L.	1290		
AIRPORT SERVICE CATEGORY	IC		
PRIMARY RUNWAY	A - ALIGNMENT/NUMBER		
	- LENGTH & WIDTH		
	- EFFECTIVE GRADIENT (ERG)		
	- WIND COVERAGE %		
	- LONGEST DESIGNATED INSTRUMENT		
	- YES		
	- NO		
PARALLEL RUNWAY	B - ALIGNMENT/NUMBER		
	- LENGTH & WIDTH		
	- EFFECTIVE GRADIENT (ERG)		
	- WIND COVERAGE %		
	- LONGEST DESIGNATED INSTRUMENT		
	- YES		
	- NO		
OTHER RUNWAY	C - ALIGNMENT/NUMBER		
	- LENGTH & WIDTH		
	- EFFECTIVE GRADIENT (ERG)		
	- WIND COVERAGE %		
	- LONGEST DESIGNATED INSTRUMENT		
	- YES		
	- NO		
MEAN MAX TEMP OF HOTTEST MONTH, °F	93.4		
CRITICAL AIRCRAFT	FOR RUNWAY LENGTH		
	707-331B (TWA)		
	FOR PAVEMENT STRENGTH		
	707-331B (TWA) 523,000		

INDEX TO BUILDINGS AND AREAS

- 1 PRESENT TERMINAL BUILDING & CONTROL TOWER
- 2 HANGARS 2, 3 & 3B
- 3 HANGARS 11 & 1 (TO BE REMOVED)
- 4 F.A.A. CENTER
- 5 AIR NATIONAL GUARD AREA
- 6 FIRE STATION
- 7 TRUCK FILL STAND
- 8 FUEL STORAGE & PUMPS
- 9 HELIPORT
- 10 CLEARANCE FOR FUTURE ELECTRONIC EQUIPMENT

- LEGEND
- PL AIRPORT PROPERTY LINE
 - PPL PROPOSED AIRPORT PROPERTY LINE
 - CLEAR ZONE LIMITS & CLEARANCE LINE
 - BUILDING LINE
 - WEATHER BUREAU EQUIPMENT
 - AIRPORT REFERENCE POINT (EL. 1290 M.S.L.)
 - EXISTING PAVEMENT
 - EXISTING BUILDINGS
 - FIRST STAGE CONSTRUCTION
 - FUTURE CONSTRUCTION

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION
LICENSED ARCHITECT

PROJECT NO.
FILE NO.
DRAWN BY
RS
TRACED BY
A.E.D.
CHECKED BY
A.E.D.

MASTER PLAN
WILL ROGERS
WORLD AIRPORT
OKLAHOMA CITY, OKLAHOMA

Hudgins, Thompson, Ball and Associates Inc.
1411 CLASSEN BLVD
700 MAYO BLDG
OKLAHOMA CITY, OKLA
TULSA, OKLAHOMA

JULY 1963

SHEET NO.
2
OF
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