

# AIRPORT PAVEMENT DESIGN

STATE	CITY	AIRPORT
PROJECT NUMBER	SPONSOR	DESIGN ENGINEER

PROJECT DESCRIPTION

## GROSS ALLOWABLE AIRCRAFT WEIGHT (KIPS)

(Gear configuration or aircraft type)

SINGLE WHEEL	DUAL WHEEL	DUAL TANDEM	B-747	L 1011	DC-10-
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## DESIGN CRITERIA

DESIGN A/C	EQUIV. DEPARTURES	CBR	K	GROSS A/C WT. (kips)	USC	FLEX. STRENGTH	C <sub>b</sub> or C <sub>r</sub>	F
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## TYPICAL SECTIONS

(Show and number each course)

NON CRITICAL AREAS	CRITICAL AREAS

## DESIGN DETAILS

NO.	COURSE	THICKNESS OF PAVEMENT						SPECIFICATION
		RUNWAY	NONCRITICAL RUNWAY	TAXIWAY	NONCRITICAL TAXIWAY	APRON		

## SOIL ANALYSIS

		GRADATION (% PASSING)														
TEST HOLE	DEPTH OF SAMPLE	3"	2"	1"	3/4"	1/2"	3/8"	4	10	40	100	200	% FINER <sup>1</sup> THAN 0.02 MM	L.L.	P.I.	USC

### SUBGRADE CHARACTERISTICS

AVERAGE FROST PENETRATION	SUBSURFACE DRAINAGE	FROST DESIGN METHOD <sup>2</sup>				
		CP <input type="checkbox"/>	LSP <input type="checkbox"/>	RSP <input type="checkbox"/>	RSS <input type="checkbox"/>	NONE <input type="checkbox"/>

<b>COMMENTS<sup>3</sup></b>	<b>NOTES</b> 1. Applies only when material is used above frost line 2. Select one 3. Attach Sketch showing location of borings									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">SUBMITTED BY</td> <td style="width: 30%;">TITLE</td> <td style="width: 30%;">DATE</td> </tr> <tr> <td>APPROVED BY</td> <td>FAA REGIONAL PAVING ENGINEER</td> <td>DATE</td> </tr> <tr> <td>APPROVED BY</td> <td>FAA STATE AIRPORT ENGINEER</td> <td>DATE</td> </tr> </table>	SUBMITTED BY	TITLE	DATE	APPROVED BY	FAA REGIONAL PAVING ENGINEER	DATE	APPROVED BY	FAA STATE AIRPORT ENGINEER	DATE
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