American Avionics

2-24-84

Bldg Code

hangar	18112 SF	B-3
shop	19680	B-2

A. Allowable area p. 63 S-C

hangar	II FR	39,900 SF	OK
shop	II N	12,000 SF	

B. area increase p 54

2 sides 150-20 = 130 x 1¼% = 162.5%

but limit is 50% increase

12,000 x 1.50 = 18000 SF

3 sides 48-20 = 28 x 0.025% = 70%

C. Sprinklers allows 2 story bldgs to double area

12000 x 2 = 24000 SF

Depending on interpretation of area increase based on separation distances hangar & offices need not be sprinklered

KCSlip4 33901

SEA400448