COMPLIANCE CERTIFICATE

CHAMPION HOMES
P.O. BOX 2657
THOMASVILLE, GA 31799
8[illegible]7-769-5121

Date of Manufacture	Product Line	HUD No.
7/[illegible]	CHAMPION	GR01360051 GR01360052

Manufacturer's Serial Number and Model Unit Designation

G[illegible]GMTD08166A/B 3883-375

Design Approved by (D.A.P.I.A.)

P.F.S. CORPORATION

This mobile home is designed to comply with the federal mobile home construction and safety standards in force at time of manufacture.
(For additional information consult owner's manual.)

The factory installed equipment includes:

Equipment	Manufacturer	Model Designation
For heating	OMI T[illegible]	
For air cooling	XXXXXX	
For cooking	[illegible]	JBP80WFIWW
Refrigerator	GE	GSS22JEMDWW
Water heater	[illegible]	IN1402HMSE3
[illegible]		
[illegible]		
Oven		GSD2200G00WW
[illegible]		
[illegible]	IN	SCF36MB
[illegible]		JKPI5WD1WW
[illegible]		

HOME [illegible]
This [illegible] the ho[illegible] specifi[illegible]
This h[illegible] wooden [illegible] frame [illegible] home [illegible] [illegible]

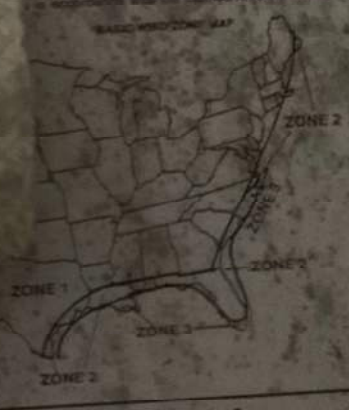
STRUCTURAL DESIGN BASIS CERTIFICATE

Zone II Zone III

[illegible] wind pressures and anchoring provisions required for [illegible] in 1500 of the coolings in Wind Zones II and III unless [illegible] have been designed for the increased requirements [illegible]

[illegible] with storm shutters or other protective coverings for [illegible] located in Wind Zones II and III, which [illegible] recommended that the [illegible] cooling. It is strongly recommended that the [illegible] in accordance with the method recommended in [illegible]

BASIC WIND ZONE MAP



DESIGN ROOF LOAD ZONE MAP

North 40 PSF ✓ South 20 PSF
Middle 30 PSF Other ____ PSF

HEATING AND COOLANT DESIGN BASIS CERTIFICATE

COMFORT HEATING

This mobile home has been thermally insulated to conform with the requirements of the federal mobile home construction and safety standards for all locations within climactic zone I

Heating equipment manufacturer and model (see list at left).

The above heating equipment has the capacity to maintain an average 70 F temperature in the home at outdoor temperatures of N/A F

To maximize furnace operating economy, and to conserve energy, it is recommended that this home be installed where the outdoor winter design temperature (97 1/2°) is not higher than N/A degrees Fahrenheit

The above information has been calculated assuming a maximum wind velocity of 15 mph at standard atmospheric pressure.

COMFORT COOLING

☐ **Air conditioner provided at factory (Alternate I)**

Air conditioner manufacturer and model (see list at left)

Certified capacity – _____ B.T.U./hour in accordance with the appropriate air conditioning and refrigeration institute standards.

The central air conditioning system provided in this home has been sized assuming an orientation of the front (hitch end) of home facing ? _____. On this basis the system is designed to maintain an indoor temperature of 75° F when outdoor temperatures are _____ F dry bulb and _____ F wet bulb.

The temperature to which this home can be cooled will change depending upon the amount of exposure of the windows of this home to the sun's radiant heat. Therefore, the home's heat gains will vary dependent upon its orientation to the sun and any permanent shading provided. Information concerning the calculation of cooling loads at various locations, window exposures and shadings are provided in Chapter 22 of the 1981 edition of the ASHRAE Handbook of fundamentals.

Information necessary to calculate cooling loads at various locations and orientations is provided in the special comfort cooling information provided with this mobile home.

☑ **Air conditioner not provided at factory (Alternate II)**

The air distribution system of this home is suitable for the installation of central air conditioning.

The supply air distribution system installed in this home is sized for mobile home central air conditioning system of up to 48,700 B.T.U./hour rated capacity whichare certified in accordance with the appropriate air conditioning and refrigeration institute standards, when the air circulators of such air conditioners are rated at 0.5 inch water column static pressure or greater for the cooling air delivered to the mobile home supply air duct system.

Information necessary to calculate cooling loads at various locations and orientations is provided in the special comfort cooling information provided with this mobile home.

☐ **Air conditioning not recommended (Alternate III)**

The air distribution system of this house has not been designed in anticipation of its use with a central air conditioning system.

INFORMATION PROVIDED BY THE MANUFACTURER NECESSARY TO CALCULATE SENSIBLE HEAT GAIN

Floors	U .092
Walls (without windows and doors)	U .091
Ceiling - flat	U N/A
Ceiling - cathedral	U .033
Air ducts installed outside the home	U .238
Air ducts in floor	U N/A
Air ducts in ceiling	U .238
The following are the duct areas in this home:	
Air ducts outside the home	138 sq. ft.
Air ducts in floor	N/A sq. ft.
Air ducts in ceiling	150 sq. ft.

To determine the required capacity of equipment to cool a home efficiently and economically, a cooling load (heat gain) calculation is required. The cooling load is dependent on the orientation, location and the structure of the home. Central air conditioners operate most efficiently and provide the greatest comfort when their capacity closely approximates the calculated cooling load. Each home's air conditioner should be sized in accordance with Chapter 22 of the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Handbook of Fundamentals, once the location and orientation are known.

U_0 Value Zone Map For Manufactured Housing

BC 1201 A3241