COMPLIANCE CERTIFICATE

Destiny Industries
P.O. Box 1766
Moultrie, Georgia 31776
(912) 985-6100

Date of Manufacture: 11-5-92
Plant Number: II

Manufacturer's Serial Number and Model Unit Designation:
0-34060-GA-SW-707-29

Design Approval by (D.A.P.I.A.):
Hilborn, Werner, Carter, Assc. Inc.

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:

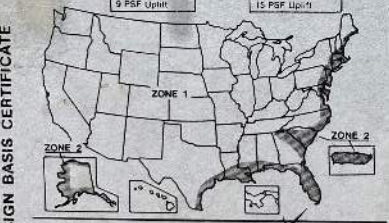
Equipment	Manufacturer	Model Designation
For heating	COLEMAN	7956
For air cooling		
For cooking	Erig	G30PNL
Refrigerator	Erig	ATH518BK-1
Water heater	STATE	SCI-30
Washer		
Clothes Dryer		
Dishwasher		
Garbage Disposal		
Fireplace		
Grill		
Microwave		
Stereo		

STRUCTURAL DESIGN BASIS CERTIFICATE

DESIGN WIND ZONE MAP

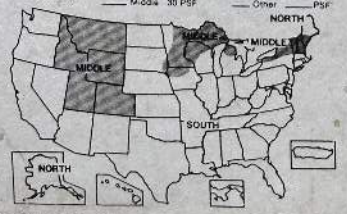
☐ Zone I — Standard Wind: 15 PSF Horizontal, 9 PSF Uplift

☑ Zone II — Hurricane Resistive: 25 PSF Horizontal, 15 PSF Uplift



DESIGN ROOF LOAD ZONE MAP

___ North 40 PSF ___ South 20 PSF
___ Middle 30 PSF ___ Other ___ PSF



HEATING AND COOLING 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 climatic 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 this home at outdoor temperatures of -7 °F.

To maximize furnace operating economy, and to conserve energy, it is recommended that this home be installed where the outdoor winter design temperature (97½%) is not higher than 12 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 the 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 the home can be cooled will change depending upon the amount of exposure of the windows of the home to the sun's radiant heat. Therefore, the home's heat gains will vary considerably depending on the orientation of 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 35,000 B.T.U./hr. rated capacity which are 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 home 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

Walls (without windows and doors)	"U" =	.1179
Ceilings and roofs of light color	"U" =	.0575
Ceilings and roofs of dark color	"U" =	N/A
Floors	"U" =	.0585
Air ducts in floor	"U" =	.1490
Air ducts in ceiling	"U" =	N/A
Air ducts installed outside the home	"U" =	.2304

The following are the duct areas in this home:

Air ducts in floor	84	sq. ft.
Air ducts in ceiling	N/A	sq. ft.
Air ducts outside the home	0	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.

OUTDOOR WINTER DESIGN TEMP. ZONES

DC 5/91 0203-B