MANUFACTURER ADDRESS

LIBERTY HOMES INC.
495 OAK ROAD
OCALA, FLORIDA 34472

White - Home
Yellow - File
Pink - RMA
Gold - Dpt

Date Of Manufacture	Manufacturer Serial Number
1-16-98	10126212

HUD Number

652968

Design Approval (DAPIA)	Manufacturer Model Designation
NTA, INC., NAPPANEE, IN	DS124601

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

The factory installed equipment includes:

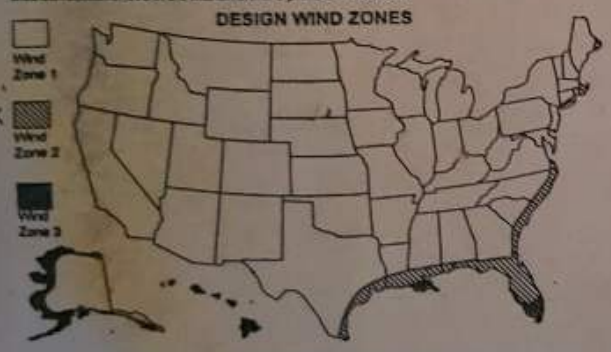
Equipment	Manufacturer	Model
Heating	N/A	
Cooling	N/A	
Range/Oven	GE	JBP66BY1AD
Refrigerator	GE	TBX18S1XPLAA
Water heater	CITATION	81SJ30DB
Washer	N/A	
Clothes Dryer	N/A	
Dishwasher	GE	GSD500X 73AW
Garbage Disp.	N/A	
MICROWAVE	GE	JVM1330BWW03
Smoke Detector	EYRNETICS	1235

STRUCTURAL CERTIFICATE

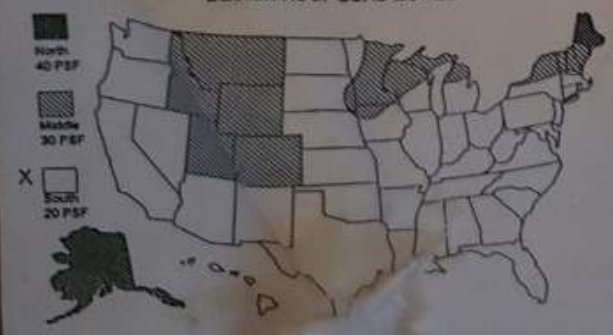
This home has not been designed for the higher wind pressure and anchoring provisions required for ocean/coastal areas and should not be located within 1500' of the coastline in Wind Zones 2 and 3 unless the home and its anchoring and foundation system have been designed for the increased requirements specified for exposure D in ANSI/ASCE 7-88.

This home has ____ has not XX been equipped with storm shutters or other protective coverings for windows and exterior door openings. For homes designed to be located in Wind Zones 2 and 3 which have not been provided with shutters or equivalent covering devices, it is strongly recommended that the home be made ready to be equipped with devices in accordance with the method recommended in the manufacturer's printed instructions.

DESIGN WIND ZONES



DESIGN ROOF LOAD ZONES

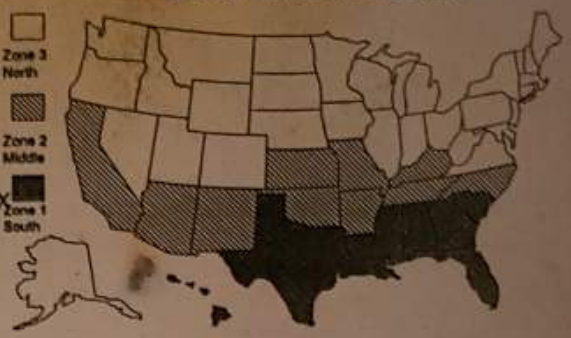


HEATING AND COOLING CERTIFICATE

COMFORT HEATING

This manufactured home has been thermally insulated to conform with the requirements of the federal manufactured home construction and safety standards for all locations within climatic zone 1.
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 an outdoor temperature of _____ °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 that _____ °F.
The above information has been calculated assuming a maximum wind velocity of 15 mph at standard atmospheric pressure.

DESIGN TEMPERATURE ZONES



COMFORT COOLING

☐ **Air conditioner provided at factory (Alternate I)**
Air conditioner manufacturer and model (see list at left)
Certified capacity _____ BTU/hour in accordance with the appropriate air conditioning and refrigeration institute standards.
The central air conditioning system provided in this home has been sized assuring 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 this home can be cooled with 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 shading 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 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 a manufactured home central air conditioning system of up to 22,400 BTU/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 0.3 inch water column static pressure or greater for the cooling air delivered to the manufactured 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 manufactured 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" 0.101
Ceilings and roofs of light color		"U" 0.046
Ceilings and roofs of dark color		"U" N/A
Floors		"U" 0.074
Air ducts in floors	N/A sq. ft.	"U" N/A
Air ducts in ceiling	35 sq.ft.	"U" 0.785
Air ducts installed outside the home	N/A sq. ft.	"U" N/A

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.

LIBERTY HOMES, INC.
DRAWING: 97-10-0100 REV B
REVISED: 05/23/97
LIB-1078