

**ORIGINAL**

01-22-N11B-4028

*Airstream*

*P2 11/7/90  
CRS  
pdg*

*6 pgs*

October 31, 1990

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RECEIVED  
NHTSA DOCKET

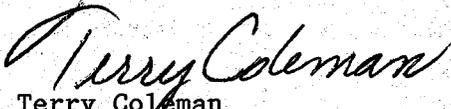
National Highway Transportation  
Safety Administration  
Office of Legal Administrator  
400 7th Street, S.W.  
Washington D.C. 20590

Dear Sir:

Attached is a copy of Airstream Inc.'s V.I.N. format for our 1991  
model year. Please feel free to contact this office if you have  
any questions or comments.

Sincerely,

AIRSTREAM INC.



Terry Coleman  
Director Codes & Safety

ks

Attachment

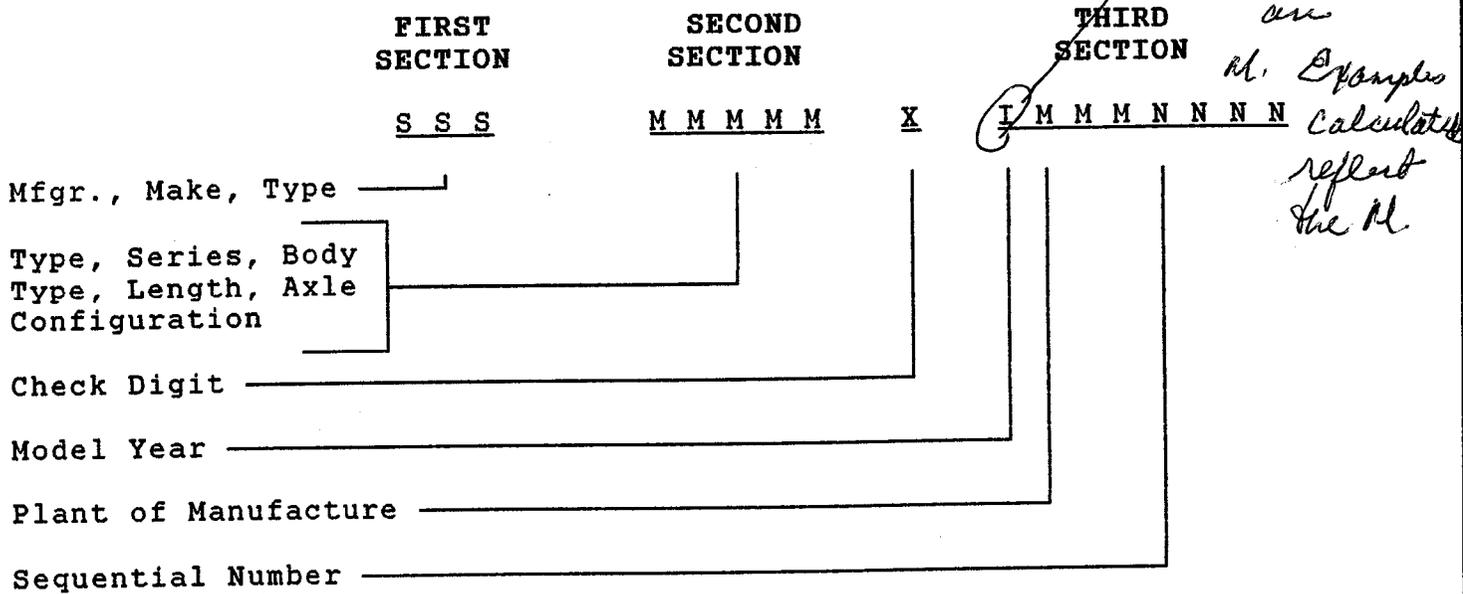
OFFICE OF CHIEF COUNSEL

90 APR 5 AIO : 56

NHTSA  
WASHINGTON, D.C. 20590

**AIRSTREAM INC.**  
**VEHICLE IDENTIFICATION NUMBER**

The V.I.N. is a 17 character field which includes a "check digit" in the 9th position. Listed below is an outline of the VIN:



**ASSIGNMENT OF CHARACTERS:** (I-O-Q may not be used)

- First Section:** The S characters may be either alpha or numeric. They are assigned by the SAE on request of the vehicle manufacturer.
- Second Section:** The M characters may be either alpha or numeric. They are assigned by the vehicle manufacturer using his own code.
- Check Digit:** The X character may be any digit or the letter X.
- Third Section:** The I character indicates the model year according to the model year codes. The other characters are assigned by the vehicle manufacturer. The second, third, and fourth characters may be either alpha or numeric. The fifth through the eighth characters must be numeric.

**I. First Section - Three Characters**

**1STGEAU34MJ000000**

The first section consists of three characters which uniquely identifies the manufacturer, make and type of vehicle. SAE has assigned Airstream Inc. the following identifiers:

1AB . . . . Argosy Trailer  
 1ST . . . . Airstream Trailer  
 1SC . . . . Airstream Commercial Trailer  
 45Z . . . . Land Yacht Trailer

The following designators are used for internal use only:

1A9 . . . . Airstream Class "A" Motorhome  
 1B9 . . . . Airstream Class "B" Motorhome (Van)  
 1LM . . . . Land Yacht Motorhome  
 1EM . . . . Establishment Motorhome  
 1LF . . . . Land Yacht Class "B" Motorhome  
 1EN . . . . Establishment "C" Motorhome

NOTE: We are not required to assign the VIN for motorhomes and buses. The incomplete vehicle manufacturer is responsible for the VIN assignment. We may assign our own identification number for our own recordkeeping purposes as long as we make it clear that it is not the VIN.

II. Second Section - Five Characters

The second section consists of five characters which uniquely identifies the following vehicle attributes: type of trailer, series, body type, length and axle configuration:

A. Type of Trailer (4th position) 1STGEAU34MJ000000

- G. Center Bath, Roadside
- H. Center Bath, Curbside
- J. Center Bath, Split
- K. Rear Bath
- L. No Bath
- M. Center Bath, Roadside, No Dinette

B. Series (5th position) 1STGEAU34MJ000000

The series code is listed below in alpha characters.

- A. Argosy
- B. International
- C. Caravelle
- D. Sovereign
- E. Excella
- F. Funeral Coach
- G. Motorhome
- H. Limited 60th Anniversary Special Trailer
- K. Land Yacht Custom
- L. Limited
- M. Minuet
- N. Establishment
- P. Pinnacle

- R. Audio Metric
- S. Commercial
- T. Executive Transportor (Air Coach)
- U. Transportor (Bus)
- W. Windjammer
- Y. Land Yacht
- Z. Adventure

C. Body Type (6th position)

1STGEAU34MJ000000

The body type code is listed below in alpha characters.

- A. Semi-monocoque, wide body continuous curved, shiny aluminum shell, contoured window glass, frames and doors
- B. Semi-monocoque, wide body, continuous curved, painted shell, contoured window glass, frames and doors
- C. Semi-monocoque, narrow body, continuous curved, shiny aluminum shell, contoured window glass, frames and doors
- D. Semi-monocoque, narrow body, continuous curved, painted shell, contoured window glass, frames and doors
- H. Semi-monocoque, wide body, continuous curved, painted aluminum shell, contoured window glass, frames and doors, double door
- J. Framed shell, wide body, swept surface, single door, painted surface
- K. Framed shell, wide body, swept surface, single door, painted surface, basement
- L. Framed shell, wide body, swept surface, painted exterior, 5th wheel
- M. Framed shell, wide body, swept surface, fiberglass exterior
- N. Class C Motorhome (Ford), framed shell, painted surface, basement
- P. Class B Motorhome with low roof (Ford)
- R. Class B Motorhome with medium roof (Ford)
- S. Class B Motorhome with low roof (Chevy)

- T. Class B Motorhome with medium roof (Chevy)
- V. Class B Motorhome with high roof (Ford)
- W. Class B Motorhome with high roof (Dodge)
- X. Class B Motorhome with high roof (Chevy)

D. Length (7th position) 1STG**EAU**34MJ000000

The length code is listed below in alpha characters:

- A. 40' to less than 41'
- B. 18' to less than 19'
- C. 19' to less than 20'
- D. 20' to less than 21'
- E. 21' to less than 22'
- F. 22' to less than 23'
- G. 23' to less than 24'
- H. 24' to less than 25'
- J. 25' to less than 26'
- K. 26' to less than 27'
- L. 27' to less than 28'
- M. 28' to less than 29'
- N. 29' to less than 30'
- P. 30' to less than 31'
- R. 31' to less than 32'
- S. 32' to less than 33'
- T. 33' to less than 34'
- U. 34' to less than 35'
- V. 35' to less than 36'
- W. 36' to less than 37'
- X. 37' to less than 38'
- Y. 38' to less than 39'
- Z. 39' to less than 40'

E. Axle Configuration (8th position) 1STG**EAU**34MJ000000

Axle configuration code is listed below with numeric characters:

- 1. Single axle
- 2. Double axles
- 3. Triple axles
- 4. No axle

III. Third Section - Eight Characters

A. Model Year (10th position) 1STGEAU34MJ000000

N.H.T.S.A. has assigned alpha and numeric characters up to the year 2012. The alpha characters for the next 20 years are listed below:

A.	1980	G.	1986	M.	1991	T.	1996
B.	1981	H.	1987	N.	1992	V.	1997
C.	1982	J.	1988	P.	1993	W.	1998
D.	1983	K.	1989	R.	1994	X.	1999
E.	1984	L.	1990	S.	1995	Y.	2000
F.	1985						

B. Plant of Manufacture (11th position) 1STGEAU34MJ000000

The plant of manufacture code in alpha characters is listed below:

J. Jackson Center S. San Fernando

C. Sequential Production Number (12th through 17th position) 1STGEAU34MJ000000

This is the sequential production number assigned to each unit. Airstream (1ST) will begin the 1981 model year with the number 500000. 1985 model Argosy travel trailers (1AB) will begin with the number 200000.

1990 Establishment motorhomes will begin with number 105000. 1991 Establishment "C" motorhomes will begin with serial number 026617.

IV. Check Digit 1STGEAU34MJ000000

A check digit must be provided with each VIN. The check digit occupies the 9th position of the VIN.

To determine the check digit, first assign to each number in the VIN its actual mathematical value and assign to each letter the value specified for it in the table below:

A . . .	1	J . . .	1	T . . .	3
B . . .	2	K . . .	2	U . . .	4
C . . .	3	L . . .	3	V . . .	5
D . . .	4	M . . .	4	W . . .	6
E . . .	5	N . . .	5	X . . .	7
F . . .	6	P . . .	7	Y . . .	8
G . . .	7	R . . .	9	Z . . .	9
H . . .	8	S . . .	2		

Next multiply the assigned value for each character in the VIN by the weight factor specified for it in the table below. Multiply the check digit by 0.

1st . . . . .	8	10th . . . . .	9
2nd . . . . .	7	11th . . . . .	8
3rd . . . . .	6	12th . . . . .	7
4th . . . . .	5	13th . . . . .	6
5th . . . . .	4	14th . . . . .	5
6th . . . . .	3	15th . . . . .	4
7th . . . . .	2	16th . . . . .	3
8th . . . . .	10	17th . . . . .	2
Check Digit . .	0		

Add the resulting products and divide the total by 11. The remainder is the check digit. If the remainder is 10, the check digit is X.

Example:

VIN Character:	1	S	T	G	E	A	U	3	4	M	J	0	0	0	0	0	0
Assigned Value:	1	2	3	7	5	1	4	3	7	4	1	0	0	0	0	0	0
Multiply by Weight Factor:	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
Add Products:	8	+14	+18	+35	+20	+3	+8	+30	+0	+36	+8	+0	+0	+0	+0	+0	+0
Divide by 11:	180 divided by 11 = 16-4/11 = remainder of 4																
Check Digit:	4 (compare to character in 9th position)																