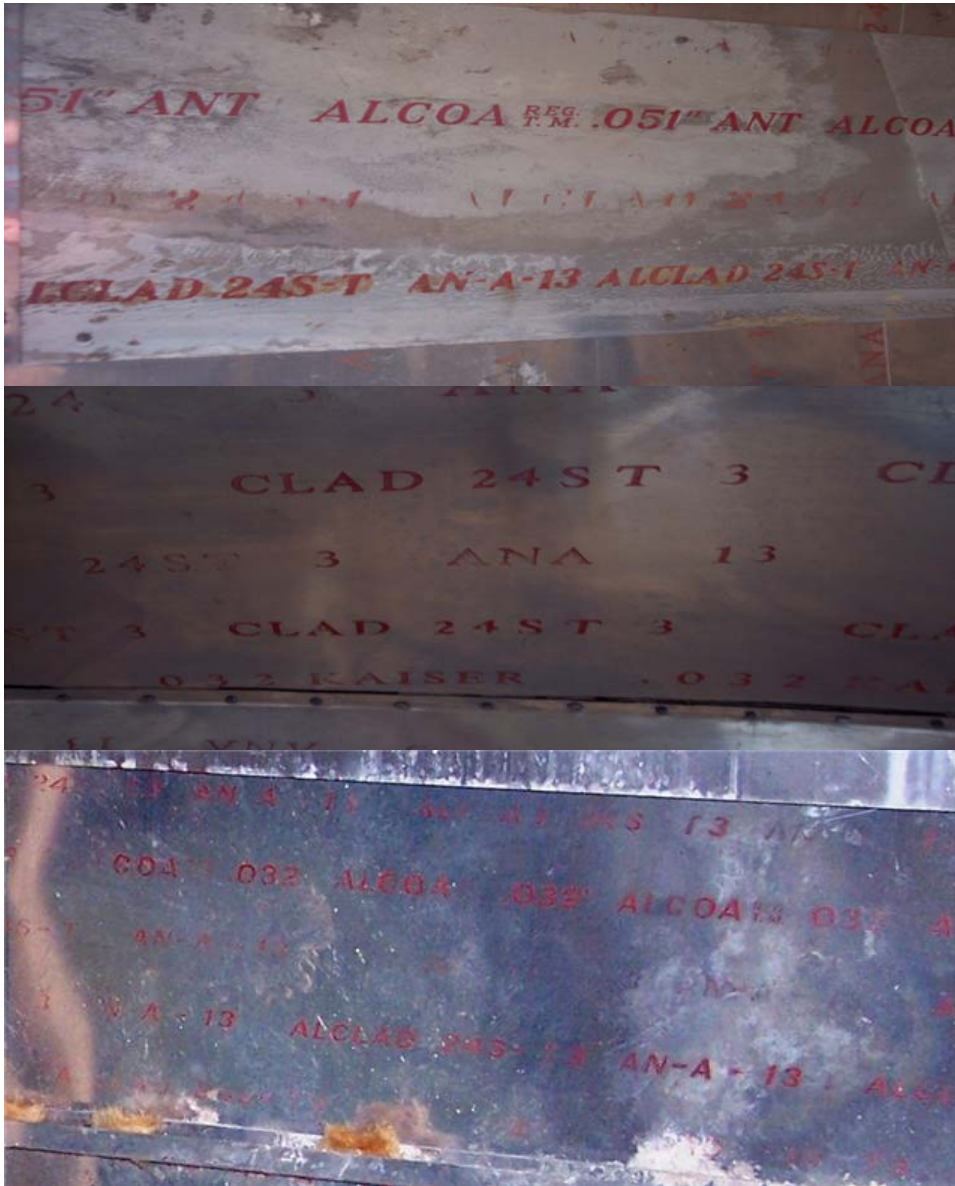


Aluminum Shell Material Timeline

8-11-09

40's early 50's Aluminum was from Alcoa and Kaiser Heat Treatable copper Alloyed.032 Clad 24ST 3 ANA 13.

This material had a high purity aluminum cladding rolled on one side. This provided a brighter finish and more protection from the elements.



1960's switched to Alcoa for the Aluminum material. Alcoa-Aluminum Alclad sheet 2024-T3 .032

Cost had not yet become an issue.

1969-Beatrice Foods (current owners) questioned cost of material. They started experimenting with 6061-T6, it was still heat treatable and less expensive than 2024. 1972 switched to 6061-T6 .032

1977/78 Alcoa 3004-H291 Brite Panels .032

1983 Alcoa 3003-H18 .032 Controlled mill finish

1986 Alcoa 3005-H18 .032 Controlled mill finish

1993 Switched to Alumax 3005-H18 Controlled mill finish W/ Precoat side and window sheet .040

1994 Trailer shape changed –material remained same thickness increased to .040 to help carry the weight of shell change.

1998 -200....Alcoa Bright Versatrim leveled sheet 3004-H18 side and window sheet .040

3003 O Temper .040 thicknesses with special coating from Alcoa for the segments used to make the front and rear end caps. This material is stretch formed at Airstream.

3005 H18 Polar White .032 x 60" Aluminum 3105 H14 from Owens Corning for the roof. We also use a 12.69" to make the full roof width.

Aluminum sheet .019 x 65.75" painted white one side and clear coat opposite side in coil form for underbelly. This comes from Owens Corning (Fabwell).

3003 H14 or 3105 H14 .060 x 48" x 120" with protective cover for compartment door backs.

Information gathered by Tom Palesch, Chet Sosby, Tom Jessup