

# Re: Saturn 1/1B Extant Hardware

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- *From:* "Capcom" <[capcom@xxxxxxxxxxxxxxxxxxxxxx](mailto:capcom@xxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 7 Jul 2005 13:40:04 +0200
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Ed Kyle wrote:

> Herb Schaltegger wrote:

>> On Tue, 5 Jul 2005 14:05:47 -0500, Ed Kyle wrote

>> (in article

>> <[1120590347.071741.239800@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:1120590347.071741.239800@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>):

>>

>>> SIVB-211 (displayed as dummy Skylab just left of Saturn V) at

>>> Huntsville, AL

>>>

>>

>> <http://www.teraserver.microsoft.com/image.aspx?T=4&S=8&Z=16&X=10632&Y=76818&W=2&qz=%7chuntsville%7cal%7c>

>>

>> Has that always been displayed that way? I don't remember it at

>> all. Didn't there used to be an engineering mockup of the Skylab

>> workshop inside the main hall of Space and Rocket Center? Or am I

>> mis-remembering? I used to have a few dozen photos of all the stuff

>> there in the early 90's, but they disappeared during the divorce.

>> :-/

>

> Until 1979, this S-IVB stage appears to have been

> displayed horizontally with the SA-211 first stage

> on the grounds of Marshall Space Flight Center.

> It would have moved to the museum after the first

> stage was moved to Ardmore in 1980 or so.

>

> There is a chance that SA-211 may have been shipped

> to Japan for a couple of years during the mid-1970s,

> but I've never been able to confirm this.

It is the SA 209 shipped at kaan expo during mid 1970

>

> The SA-T stage at the MSFC test area is the oldest

> and, in my opinion, most historic Saturn. It was

> the very first Saturn that performed 31 static test

> firings on the East Tower, for example. This is the

> booster that von Braun and Co. would have spent more

> time tinkering with than any other. This was the

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> hardware that taught them how to build big rockets.  
>  
> SA-T is unquestionably in worse shape, exterior-  
> wise, than any other Saturn hardware I've seen - and  
> I've seen almost all of them now. But SA-T also  
> seems to have been preserved better, in some ways,  
> than other Saturn stages. It was hardly modified  
> for display, like SA-211, so it appears much the same  
> way it did the last time MSFC personnel turned a bolt  
> on it. It has a complete set of early H-1 engines all  
> in their proper places, for example, and it has  
> turbopump exhaust ducts that are not present on other  
> displayed boosters, etc. It still has a 120 inch  
> diameter interstage truss part designed to support  
> the originally planned Titan second stage! It has  
> holes drilled in it that show where some brackets  
> were originally positioned, then repositioned, etc.  
> It has patches riveted over patches. A technological  
> historian could spend a career on it, I suspect.  
>  
> - Ed Kyle

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Cordialement,

Didier Capdevila  
webmaster de capcomespace.net,  
le site de l'espace.  
Rédacteur à Espace Magazine,  
le magazine de la conquête de l'espace

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• **References:**

- ◆ **[Saturn 1/1B Extant Hardware](#)**  
◇ From: Ed Kyle
- ◆ **[Re: Saturn 1/1B Extant Hardware](#)**  
◇ From: Herb Schaltegger
- ◆ **[Re: Saturn 1/1B Extant Hardware](#)**  
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