

Re: LM question

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From: Philip Lantz (*_at_ibeam*)

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Henry Spencer wrote:

>

> *In article <p5gs21hik5un8dpcb7td9vpos8lq5fiogo@4ax.com>,*

> *Kelly McDonald <kellymcdonald@<no-spam> wrote:*

> >

> > *Talking about launch windows, what was the criteria involved in*

> > *determining them? Were they based on mission rules, or orbital*

> > *mechanics? Did they vary based on planned landing location?*

>

> *For the early flights, the main issue was sun angle at the landing site:*

> *to have the Sun low on the horizon (so surface obstacles would cast*

> *conspicuous shadows) behind the LM (so the pilot could see the LM's shadow*

> *on the surface, giving him a sense of scale on terrain with no familiar*

> *objects) required landing soon after dawn at the landing site. So the*

> *windows came once a month for any particular site.*

How long was the launch window for a single site? Was the sun angle within the range they were looking for for only a single day?

Philip Lantz