

**Aerodynamic Heating Of Supersonic Blunt Bodies By David C. Chou
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For one thing, I have serious reservations about Washington's capacity to maintain primacy in the face of China's growing power, not least because the economic dynamics at the heart of Asia's strategic transformation seem more likely than not to continue over the long term.

Geopolitically, this should give Australia more room to move.

It would also demand a major overhaul of the administrative foundations of Australian defense policy, which is in a quite parlous state at present.

That decision isn't necessarily irreversible, but since some initial design choices will need to be made soon to avoid a capability gap as the Collins Class is phased out, it seems likely to be decisive.

In this regard, large, nuclear powered attack submarines the Virginia or Astute class, for example, which are fast, quiet, comprised of mature technology and limited only by the endurance of their crews would be ideal.

require the Navy to concentrate its relatively small number of personnel rather than improving redundancy

In the meantime, the chief purpose of Australian grand strategy should be to defer that decision for as long as possible.

Marines doesn't mean much in operational terms, but it's symbolic of Australia's early enlistment in a much more adversarial U.S.

The visit included stopovers in Canberra and Darwin, the two places most pertinent to a new bilateral defense arrangement, and a speech in which Obama reasserted U.S.

China is Australia's largest trading partner, but just recently reaffirmed its strategic alliance with the U.S.

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reduce aerodynamic heating at the nose of blunt body. Remarkable aerodynamic heating reduction opposing jet in supersonic flow is proved to be very effective. Fig

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