

# Brief Introduction to Literature Reviews in AAE

1. Lots of work has been done in the last century. There are many thousands of papers.
2. Most of the work is not in books and not on the internet – it won't turn up in searches on the University book catalog or google.
3. The Engineering library has many reports and conference papers, mostly in the basement. But you need a search engine to find the citations.
4. I know of no books that discuss methods of developing a literature review. Look at Annual Reviews of Fluid Mechanics or Progress in Aerospace Sciences to see some professional examples.

# Brief Introduction to Literature Searches in AAE

1. Use the search engines provided on the Purdue Libraries website (under Databases), such as the Aerospace Database, Compendex, etc., etc.
2. Use the NASA search engine, a version is available free online at <http://www.sti.nasa.gov/STI-public-homepage.html>
3. Search the public data in a version of DoD's database at [http://www.dtic.mil/dtic/search/advanced\\_search.html](http://www.dtic.mil/dtic/search/advanced_search.html)
4. Search AIAA's engine at <https://arc.aiaa.org/search>
5. Happy Hunting! It takes awhile to learn the keywords commonly used in a particular area, and you'll miss a lot of stuff, but you can normally find many papers.
6. If you find a good paper by a certain author, it's often useful to do a search by author for later papers by the same author, who often keeps working in the same area.