



The National Aerospace Centre (NAC) is a national support mechanism hosted by the University of the Witwatersrand, mandated to address the skills and research needs of the South African aeronautical and space industries.

The NAC's role is to therefore ensure that leading edge, commercially significant research and development, with concomitant skills development, is undertaken on behalf of the South African aerospace industry within academia.

In order to achieve this, the NAC provides mechanisms to:

- Develop new or more competitive technologies and products,
- Generate new indigenous knowledge,
- Develop skilled human resources for industry,
- Ensure technology transfer into industry,
- Support Greenfield industrial development, and
- Create industrial partnerships with international OEMs such as Airbus and Boeing.

The NAC operates through specific programs and thematic areas as follows:

- Bursaries and scholarships support programme
- Industrial R&D support programme
- Co-ordination, awareness and outreach programme
- Thematic research areas
 - Aerospace manufacturing processes and materials
 - Aeronautical dynamics and control
 - Aeronautical design
 - Firm level competitiveness
 - Space engineering and propulsion
 - System engineering



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TRAINING & HUMAN CAPITAL DEVELOPMENT