

NUS UAV Team is the Champion again at SAFMC 2017

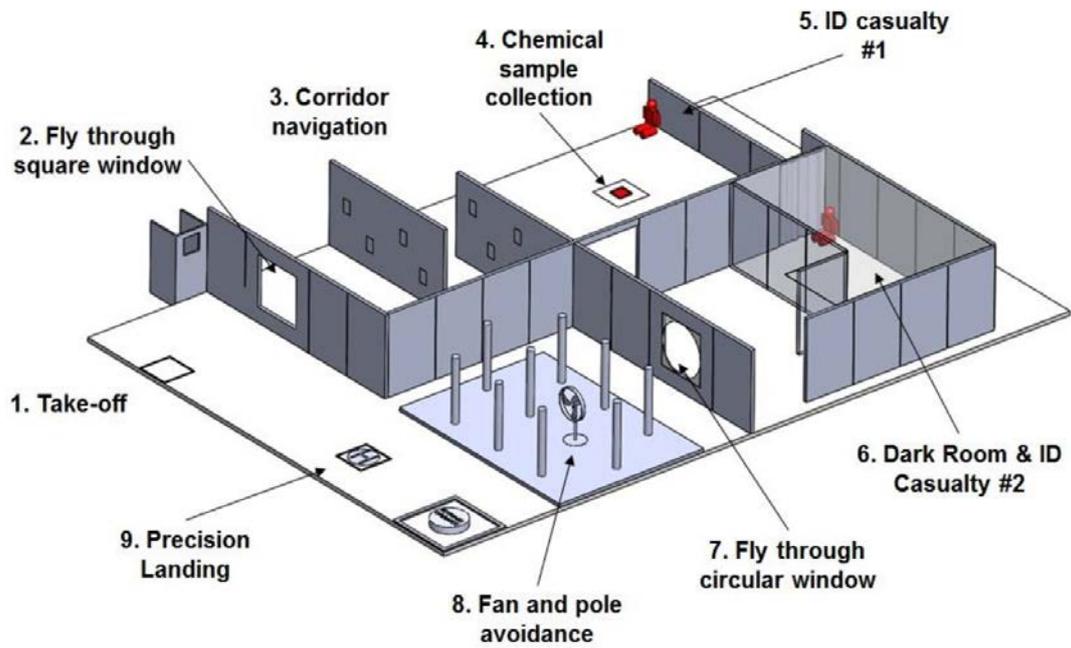
NUS ECE UAV Team, U-Lion, won again the overall championship and the best platform design award with a total cash prize of \$8,000 in the fully autonomous category at the 2017 Singapore Amazing Flying Machine Competition (SAFMC 2017), held on 17 March 2017. Led by Dr. Lai Shupeng, Team U-Lion consists of three NGS scholars, Bi Yingcai, Lan Menglu, Li Jiaxin, and two research engineers, Qin Hailong, Zhang Kun. They are all associated with the Unmanned Systems Research Group in the Department of Electrical and Computer Engineering, Faculty of Engineering, under the supervision of Professor Ben M. Chen. The Research Group has been working on various research topics related to defence technologies since 2003, focusing on the applications of unmanned aerial systems in GPS-denied environments and the potentials of the next generation intelligent UAVs.



Team U-Lion members (from left to right), Qin Hailong, Zhang Kun, Bi Yingcai, Lan Menglu, Li Jiaxin with the Guest of Honour of the Award Ceremony, Dr. Mohamad Maliki bin Osman, the Senior Minister of State, Ministry of Defence & Ministry of Foreign Affairs

SAFMC is an annual event organized by DSO National Laboratories and supported by Ministry of Defence (MINDEF). It is the nation's search for a flying wonder and is open to all schools and students who want to reach for the sky. The fully autonomous category is open to all universities, polytechnics and public. It involves a number of challenging missions in unknown indoor environments, which include automatic taking-off, flying through a window and a narrow corridor before reaching a chemical room, where the drone has to search and collect a chemical sample and identify a casualty. It then enters a dark room to search for a second casualty before exiting through a circular window and clearing the array of poles to land precisely on a landing pad.

In addition to the cash prizes, the champion team is eligible to win a sponsorship to represent Singapore in an overseas international flying machine competition. The sponsorship is capped at \$5,000 per team member, up to a maximum of 6 members.



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NOTE :

For more information about the Unmanned Systems Research Group, please click <http://uav.ece.nus.edu.sg/index.html>