

NEWSLETTER

Special story | AN-74 concept for air assault troops | Opportunities for operation

Mobilis in Mobili



Mobilis in Mobili is AN-74 motto. There is a handful of airplanes that can carry military SUVs and armored vehicles. AN-74 is the most mobile aircraft that can transport one of the numerous armored vehicles from different producers. The vehicle is fixed with hard locks in AN-74 cargo cabin. Additionally, there are rails that direct the vehicle in order to avoid minor accidents at the loading and unloading stages.

AN-74 chassis



Five powerful chassis of AN-74 enable the aircraft to take off and land on loose soil, tight sand and flat surfaces even in the mountainous areas.



Local peacekeeper

What do you have to do if you need to conduct a high-risk military operation 1,000-2,000km away from the headquarters, especially if your troops require special equipment such as a heavily armored car? Moreover, soldiers must act swiftly and at maximum discretion. Military command occasionally encounter such problems; its solution depends on particular technological methods. An-74 “flying SUV” aircraft may become the most effective platform for fulfilling such tasks. The airplane’s payload is 10 tons, it can take off and land on short runways in ill-prepared and poorly equipped airfields, given its history of use in deserts and in the Arctic and the Antarctic ices. This makes An-74 more adaptable for such kind of missions. Furthermore, the aircraft engines placed atop of the wings demonstrate not only the *Coandă effect*, but such design makes it harder to take down the plane from firing a manpad on the ground. The engine leaves a trace of heat which is mirrored by the wing. C-27J Spartan or CASA C-295 turboprop airplanes can hardly beat An-74 in this niche despite their cutting-edge technologies.