

The following is a summary of the types of aircraft for which the RAF is currently seeking to enable operational use as part of the RAF Transport Fleet at RAF Keevil, subject to the new Tactical Landing Zone development approval and construction;

1. Lockheed Martin C-130J Super Hercules is a four-engine turboprop military transport aircraft, the newest version of the Hercules and the only one still in production, and include new Rolls-Royce AE 2100 D3 turboprops with Dowty R39 composite scimitar propellers, digital avionics (including head-up displays (HUDs) for each pilot), and reduced crew requirements. These changes have improved performance over its C-130E/H predecessors, such as 40% greater range, 21% higher maximum speed, and 41% shorter takeoff distance.



2. Boeing C-17 Globemaster III was developed for the United States Air Force (USAF) from the 1980s to the early 1990s by McDonnell Douglas. It is 174 feet (53 m) long and has a wingspan of about 170 feet (52 m). It can airlift cargo fairly close to a battle area.

The C-17 is powered by four Pratt & Whitney F117-PW-100 turbofan engines, which are based on the commercial Pratt and Whitney PW2040 used on the Boeing 757. Each engine is rated at 40,400 lb_f (180 kN) of thrust. The engine's thrust reversers direct engine exhaust air upwards and forward, reducing the chances of foreign object damage by ingestion of runway debris, and providing enough reverse thrust to back the aircraft up on the ground while taxiing.



3. The Airbus A400M Atlas is a European multi-national four-engine turboprop military transport aircraft. It was designed by Airbus Military as a tactical airlifter with strategic capabilities. The A400M is positioned as an intermediate size between the Lockheed C-130 and the Boeing C-17.

