

546th PROPULSION MAINTENANCE SQUADRON

MISSION

LINEAGE

546th Propulsion Maintenance Squadron

STATIONS

Tinker AFB, OK

ASSIGNMENTS

COMMANDERS

HONORS

Service Streamers

Campaign Streamers

Armed Forces Expeditionary Streamers

Decorations

EMBLEM

MOTTO

NICKNAME

OPERATIONS

Members of the 546th Propulsion Maintenance Squadron at Tinker AFB, Okla., recently made significant strides in how they service F108 engines-the powerplants for the KC-135 tanker fleet-and have developed a process for producing engines out of depot in about 30 days, according to a base release. Last summer, senior leaders asked the squadron to develop a standard process to

increase engine production-the goal was to complete an engine in 55 total flow days-and meet recurring deadlines. The F108 team divided up tasks and rearranged the process of producing engines into four phases: disassembly, materials, assembly, and test. Small improvements, such as organizing kitting carts to ensure items like bolts and nuts are accounted for before placement, helped cut down flow days. At the end of Fiscal 2012, the average number of flow days to complete an F108 stood at 106, states the release. In the first quarter of Fiscal 2013, the average was 84 days. In the second quarter of Fiscal 2013, the unit average stood at 59 days, and in February, technicians completed one engine in 49 days. 2013