

513th MAINTENANCE SQUADRON



MISSION

LINEAGE

513th Field Maintenance Squadron
Redesignated 513th Equipment Maintenance Squadron
Redesignated 513th Maintenance Squadron

STATIONS

RAF Mildenhall, England, 1 Jul 1966
Tinker AFB, OK

ASSIGNMENTS

513th Air Control Group

COMMANDERS

LTC Terry E. Stine, #2009

HONORS

Service Streamers

Campaign Streamers

Armed Forces Expeditionary Streamers

Decorations

EMBLEM



513th Field Maintenance Squadron emblems



513th Equipment Maintenance Squadron emblem

MOTTO

NICKNAME

OPERATIONS

Recently, the 513th Maintenance Squadron (MXS) members had the opportunity to showcase their technical savvy for the PACAF depot facility at Kadena AB, Japan. Repairing and calibrating Avionics Benchtop Reconfigurable Automatic Testers (BRAT) is not a simple task, but the members of the 513th MXS Avionics flight can say they have it down pat. As one of the premier users of the BRAT Air Force wide, 513th Maintenance members have plenty of experience

working with the BRAT and its many quirks. So the 513th was ready to step up to the plate when the Depot facility at Kadena AB put out the call for help at the most recent BRAT users' group meeting. It turned out the depot had four BRATs, three of which were broken and none calibrated and ready for service. This hindered their plans to increase their workload, which included repairing E-3 Airborne Warning and Control System aircraft parts. Master Sgts Emmit Waskom and Alan Mann, and Tech Sgt. Aaron Thomas deployed during their annual tour last March to repair and calibrate the stations and train the local PMEL technicians stationed at Kadena AB, Japan. As soon as boots hit the ground, they went straight to work repairing the stations. After finding bad cables, loose connections, and a host of other problems, all four stations were repaired and ready to begin calibration by the end of the first day. Over the course of the next 14 days, they worked 12 hour shifts to finish the calibrations and train the depot personnel while finding 19 bad parts in the process. They even troubleshot down to the component level when all the spare parts had been exhausted. When all was said and done, the reservists brought a zero mission capable Avionics' shop back to 50 percent fully mission capable status with a plan for 100 percent mission capability and saved the depot over \$100,000.00 in contractor calibration and repair costs. These efforts enabled the Kadena depot facility to add dozens of parts to their workable repair cycle list. The work done by Master Sgt. Emmit Waskom, Master Sgt. Alan Mann, and Tech. Sgt. Thomas is just one more example of the 513 MXS exemplifying the Air Force core values even as far as the South Pacific. 2008