



## FIELD FEEDING EQUIPMENT AND SYSTEMS OF THE U.S. AIR FORCE

The cornerstone of Air Force Field Feeding is the Air Force Basic Force Module Phasing Plan for Air Expeditionary Force (AEF) deployments. The phasing plan of the AEF requires field feeding support for increments of 550 Warfighters. The following pages describe equipment items and systems that have been engineered and tested by the CFD System Equipment Engineering Team (SEET) to ensure that AF requirements under this phasing plan are met. To meet such AEF requirements, SEET engineers identify and leverage the most advanced technologies for food service equipment. SEET engineers also identify Commercial-off-the-Shelf (COTS) items that can either be used as is or in modified form and perform testing on them to ensure that they meet military requirements.

Upon forward deployment with only initial operating capabilities, AF personnel utilize individual rations, MREs™, for the first six days. On days 6-15, either the Single Palletized Expeditionary Kitchen (SPEK) or Electric Single Palletized Expeditionary Kitchen (ESPEK) are set up and utilized to serve the full requirement of 550 UGR-H&S™ meals. The ESPEK is also able to serve a limited number (350) of UGR-A™ meals. The Containerized Deployment Kitchen (CDK) is another all-electric kitchen that is also utilized to meet phasing plan requirements during this time frame. The phasing plan then provides for the transport and set up of the Basic Expeditionary Airfield Resources (BEAR 550) kitchen system sets on day 15, which supports the full UGR-A™ ration capability for feeding 550 to 3300 personnel for the sustainment of the entire air wing. In addition to these kitchens and equipment systems, this section also describes AF refrigeration capabilities, specifically, the Advanced Design Refrigerator-300 and its utilization as the premier refrigerated container system used by the AF.

The SEET works closely with materiel developers within the Air Force Materiel Command to ensure that the most effective equipment and field feeding systems are transitioned smoothly to the Air Force. The equipment and field food service systems contained in this section include some of the most recent and current efforts being performed to achieve this goal. Additionally, other items described have already been utilized in the field for an extended period of time and have proven effective as part of the AEF.

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