

# Requirements Document

## Replacement Parts for UTS Systems TM54 and TM60 Expeditionary Tents-Shelters

AFSOC Air Rapid Response Kit (ARRK) program utilizes UTS Systems TM54 and TM60 tents/shelters. Tents are field tested, MIL spec and can be erected in 5-15 minutes with a trained team of four personnel. TM54 and TM60 shelters are the standard across AFSOC (inventory includes: 110ea TM60's and 50ea TM54's). Continued utilization requires recurring maintenance to fix and repair worn, damaged or lost parts. Acquisition of these replacement parts will ensure continued life of these expeditionary assets and stave off purchasing replacement shelters in the immediate future. Shelter details listed below

### TM54 Shelter:

PART NUMBER	UTM54A1-DT (Desert Tan) UTM54A1-OD (Olive Drab)
INTERIOR DIMENSIONS (FEET)	19.0 x 29.0 x 6.8 Eave, 9.1 Peak
USEABLE FLOORSPACE	551 ft <sup>2</sup>
DEPLOYMENT TIME	Setup with 4 people in 5 - 15 minutes
STRIKE TIME	Strike with 4 people in 5 - 15 minutes
PORTABILITY/WEIGHT (IN BAGS)	Tent Fabric: 345 lbs (inol. Insulated Liner, Floor & Repair Kit) Roof Frame: 216 lbs Side Arohes: 76 lbs Thermal Fly: 106 lbs Staking Kit: 45 lbs  <b>Total Weight: 788 lbs</b>
PACKED DIMENSIONS (L X W X H INCHES)	Tent Fabric: 80 x 34 x 22 Roof Frame: 92 x 13 x 17 Side Arohes: 93 x 19 x 5 Thermal Fly: 36 x 31 x 10  <b>Total Volume: 58 ft<sup>3</sup></b>
COMPLEXING	End Doors, End Walls, [optional] Side Doors
PASS-THROUGH PORTS/SLEEVES	ECU/Cable duots on both end walls
WINDOWS	6 each with 21.6 ft <sup>2</sup> total window area
SHELTER MATERIAL & SUB-FLOOR	Meets MIL-PRF-44103
HANGING MECHANISMS	100 lbs each
INTERIOR ELECTRICAL	Standard Equipment

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## TM60 Shelter:

PART NUMBER	UTMT60A1-DT (Desert Tan) UTMT60A1-OD (Olive Drab)
INTERIOR DIMENSIONS (FEET)	20.7 x 34.0 x 8.5 Eave, 10.8 Peak
USEABLE FLOORSPACE	720 ft <sup>2</sup>
DEPLOYMENT TIME	Setup with 5 people in 10 - 15 minutes
STRIKE TIME	Strike with 5 people in 10 - 15 minutes
PORTABILITY/WEIGHT (IN BAGS)	Tent Fabric: 476 lbs (incl. Insulated Liner, Floor & Repair Kit) Roof Frame: 275 lbs Side Arches: 116 lbs Thermal Fly: 116 lbs Staking Kit: 70 lbs  <b>Total Weight: 1,053 lbs</b>
PACKED DIMENSIONS (L X W X H INCHES)	Tent Fabric: 87 x 45 x 30 Roof Frame: 93 x 13 x 22 Side Arches: 93 x 25 x 5 Thermal Fly: 39 x 35 x 15  <b>Total Volume: 94 ft<sup>3</sup></b>
COMPLEXING	End Doors, End Walls, [optional] Side Doors
PASS-THROUGH PORTS/SLEEVES	ECU/Cable ducts on both end walls
WINDOWS	8 each with 28.8 ft <sup>2</sup> total window area
SHELTER MATERIAL & SUB-FLOOR	Meets MIL-PRF-44103
HANGING MECHANISMS	100 lbs each
INTERIOR ELECTRICAL	Standard Equipment