Aircraft Support Equipment Storage Yard. FAC: 1164

CATCODE: 852273
OPR: AF/A4L
OCR: AFCEC/COS

1.1. **Description.** Facility designed for the storage of powered and non-powered aircraft support equipment (AGE) that service various aircraft. The area is paved and, where necessary for efficient operations or safeguarding, fenced and lighted.

1.2. **Requirements Determination.** The requirement applies to yards adjoining Aircraft Support Equipment Shop/Storage (CATCode 218712) or at dispersed sub-pool locations. The storage yards are part of the total AGE standby storage requirement which may include heated and unheated buildings or sheds. For reasons of economy, yards are the preferred facility wherever climate and operational factors permit.

1.2.1. Yard space requirements (in square meters) are provided out of the total space allowances for standby storage facilities given in Table 1.

1.2.2. The above-mentioned requirements do not apply to spacing and/or placing fueling vehicles in structures designed for servicing equipment of this nature.

1.3. **Scope Determination.** To determine the area required, a factor of 334 m² (400 yd²) per vehicle may be used as a guide. This factor is predicated on the use of the F-6 type semi-trailer with M-52 type tractor.

1.4. **Dimensions.** See paragraph 1.2.1

1.5. **Design Considerations.** See UFC 3-250-18FA. Facility design includes, as an integral component, provisions to preclude discharge of pollutants to the surrounding atmosphere, ground, or waters. In particular, consider oil-water separators with integral grit chamber for storm water runoff from AGE parking areas. Additionally, ensure storm water pretreatment complies with all applicable regulations, permits such as the National Pollutant Discharge Elimination System (NPDES) Permit Program, and the base's Storm Water Pollution Prevention Plan." Consult AFI 32-7041 for additional guidance on wastewater and storm water collection, treatment and disposal compliance.

### Table 1. Space Requirements for AGE Shop/Storage Facility.

<table>
<thead>
<tr>
<th>Number of Authorized Pieces of AGE</th>
<th>Gross Area</th>
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<tr>
<td></td>
<td>Shop</td>
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<td>m²</td>
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<td>Up to 100</td>
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<td>101 to 150</td>
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<td>151 to 200</td>
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<td>201 to 250</td>
<td>855</td>
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<td>251 to 300</td>
<td>962</td>
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<td>351 to 400</td>
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NOTES:
1. Total storage includes covered and open storage. Total open and covered storage space may not exceed the numbers listed.