

**LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
SPECIFICATIONS**

**AVIATION WINDSOCK**

**DESCRIPTION:**

This specification sets forth the requirements for a lace on style aviation windssock designed to fit a Siemens P/N 44D0941-16 L-807 size 2 wind cone tapered cage assembly. The ring outside dimension of the cage assembly are 36” throat, 31.5” middle, and 27” trail.

**FEDERAL REQUIREMENTS:**

Windssock shall meet the minimum standards set by the current edition of the FAA (Federal Aviation Administration) Specification for Wind Cone Assemblies AC 150/5345-27 for Type L-807 assemblies and the ICAO (International Civil Aviation Organization) Annex 14, Volume 1, Paragraph 5.1.1.

**MATERIAL AND COLOR:**

Windssock material shall be international orange 500 x 500 denier polyester fabric with a pigmented UV inhibited urethane coating, or equal. UV coating is required in order to provide water repellency, rot and mildew resistance, and to defend against fading and deterioration from the effects of the sun.

Fabric must have a minimum weight of 4.5 oz. / sq. yd. and good or better colorfastness as determined by Method 5671 of Federal Standard No. 191A,

**DESIGN AND CONSTRUCTION:**

Windssock shall measure 36” at the throat and 12’ in length.

To reinforce the windssock, the material shall be double thick at the throat with high strength webbing and double stitching. Threads are to be made of weather resistant material.

A minimum of twelve (12) brass grommets shall be installed along the throat. Windssock shall come complete with a UV resistant attachment cord that will be laced through the grommets to secure the sock to the cage assembly frame. Cord length must be long enough to securely attach the sock to the frame through the grommets.

To prevent water accumulation in the bottom of the sock, three (3) drain holes, reinforced with brass grommets, shall be installed in a straight line along the sock at 12", 24" and 36" from the throat.

**PACKAGING:**

Each windsock shall be packaged individually and come complete with one (1) windsock and one (1) attachment cord.