



# Internal Air Transport Certification

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**Date:** 16 June 2014

**Item Nomenclature:** DAMAS 10K (DOMOPS Airlift Modular Approach Shoring)

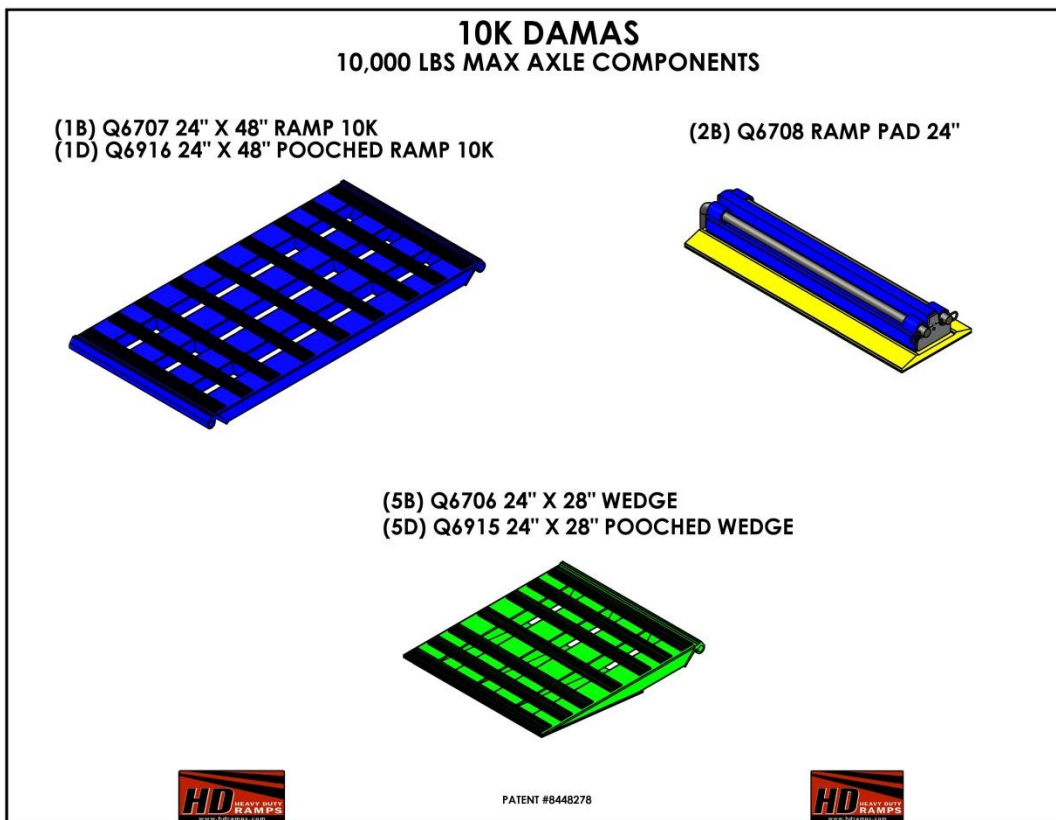
**File Number:** 2012.02.06.03 Rev 1

**Requestor:** 137 ALCF (SMSgt John Wesley)

**Superseded Certification Date:** 6 March 2014

**New Information Summary:** added pooched plate option.

**Item Description:** DAMAS 10K (DOMOPS Airlift Modular Approach Shoring) is adjustable metal ramps for loading cargo on aircraft. All components are at least 24" wide and comply with concentrated load aircraft limitations.



**Figure 1: DAMAS 10K Components**

**Certified Aircraft:** The DAMAS 10K is approved for use as approach shoring and approved for transporting DAMAS 10K components on USAF C-130, C-130J-30, C-17 and C-5.

**Conditions of Certification:**

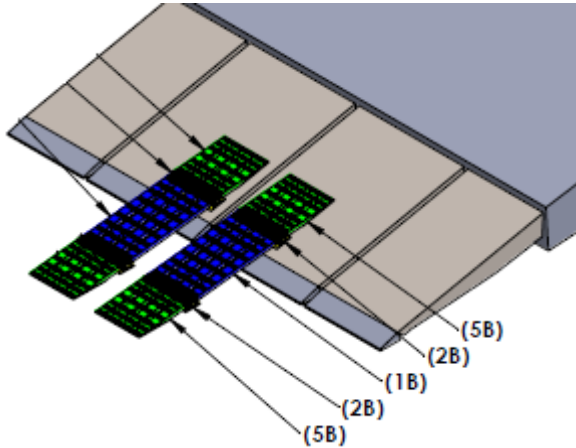
**1. Maximum Weight on DAMAS ramps:**

- a. Single axle – 10,000 lbs per paired ramp section.

- b. Single wheel using only one ramp – 5,000 lbs (Figure 3).
- c. If nonstandard cargo/equipment is presented for airlift with the use of DAMAS 10K ramps, the items may be loaded provided they do not exceed the limitations/procedures of this certification letter or the aircraft loading manual. Items that exceed the aircraft loading manual (i.e. projection, ramp cresting, ramp pedestal shoring, etc.) should use the individual airlift certification letter in conjunction with this certification letter.

**2. Item Preparation:**

- a. The adjustable metal ramps may be used in multiple configurations.



**Figure 2: DAMAS 10K System**



**Figure 3: DAMAS 10K & 26K used for helicopters**

**3. Loading Instructions:**

- a. Items that require rolling shoring inside the aircraft will also require the same amount of rolling shoring on top of the DAMAS ramps.
- b. Use general procedures to load and restrain DAMAS 10K components/containers in available aircraft space.

**Required Distribution:**

- 1. AMC/A3V & AMC/A4T.
- 2. SDDC TEA.

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