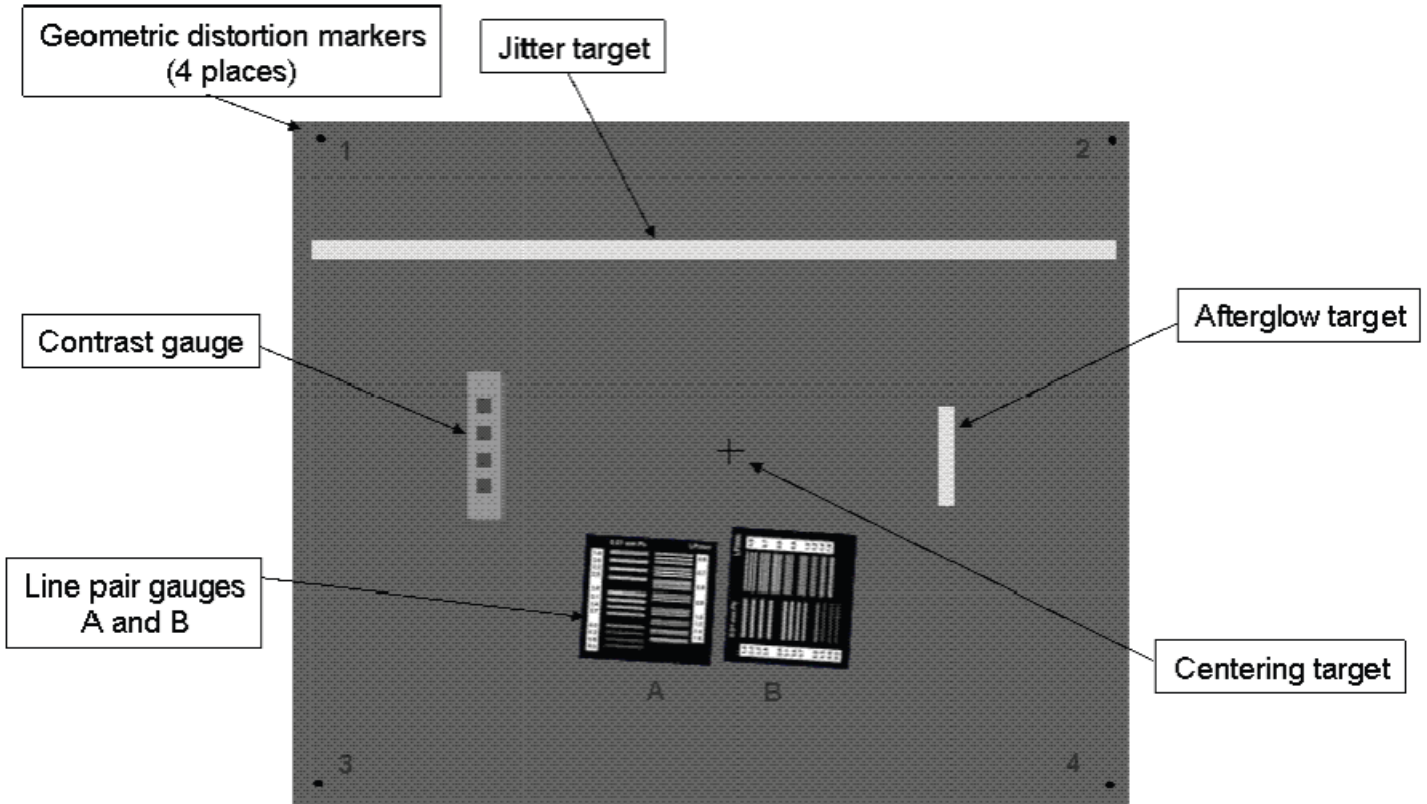


USAF Approved CR Phantom, Type II

designed by USAF

USAF Computed Radiography (CR) Process Control Standard (PCS), NSN 6635-01-555-4372



**Figure 1. USAF Computed Radiography (CR) Process Control Standard (PCS),
NSN 6635-01-555-4372**

Introduced by the USAF to assure satisfactory and repeatable results for nondestructive testing and to ensure long-term stability of the CR systems, CR Process Control procedures and an associated CR Process Control Standard (CRPCS) were developed. The procedures were placed into T.0.33B-I-2, Nondestructive Inspection General Procedures and Process Controls, and the CRPCS has been assigned a National Stock Number (NSN 6635-01-555-4372) and made available to the USAF.

Specifications:

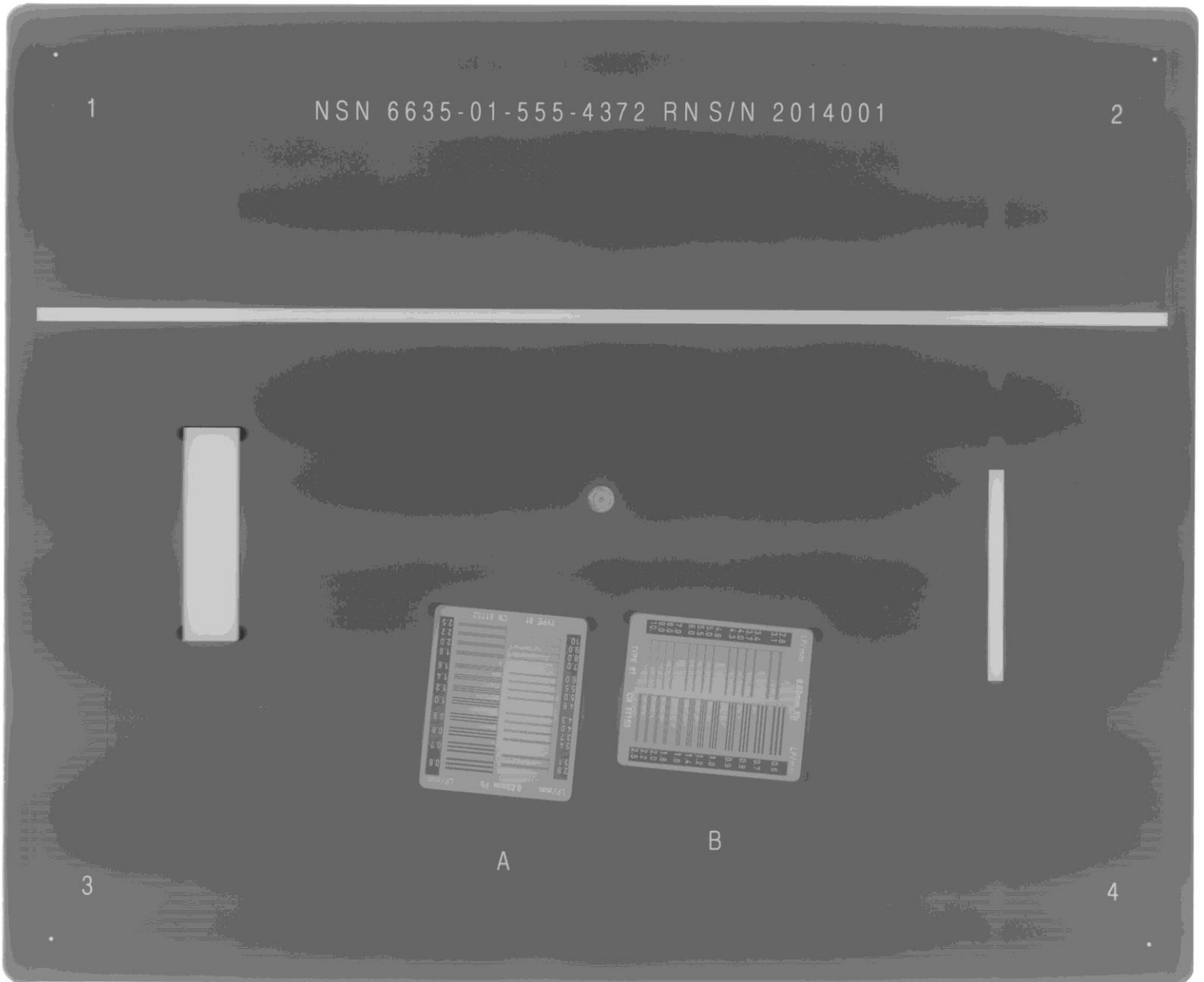
Test Material	Application
Group Resolution, Type 38 Line Pair Gauge (A and B)	Measuring spatial resolution or unsharpness
Contrast Sensitivity Gauge	Contrast sensitivity check

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Centering Target	Central beam alignment
Afterglow Target	Evaluate CR image for evidence of overshoot or streaking in areas with high density contrast
Jitter Target	Determine if a lack of smooth movement of the imaging plate and laser scanning device occurs
Geometric Distortion Markers (4 places)	Evaluate image to determine if it is distorted in the X- and/or Y-axis



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Dimensions: 350 x 430 x 19 mm (14" x 17" x 0.75")

Scope of supply:

CR Phantom in wooden case

Test certificates acc. to USAF specifications and NSN 6635-01-555-4372

Declaration of Conformity acc. to ISO/IEC 17050-1

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