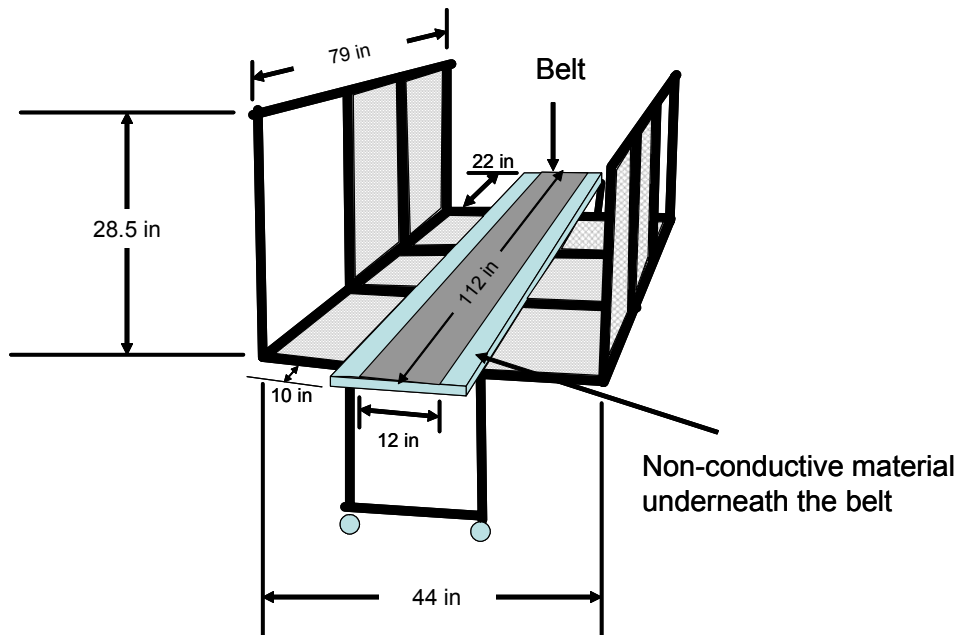


100% read rate antenna array at 13.56 MHz is achieved with the patented coupling of antenna arrays to fit 44-inch conveyor trough rather than closed space tunnel. The capability to read any orientation and position within the space for sortation along the baggage handling system and on the conveyor for sortation and immediately before baggage loading are critical for enhancing flight security and safety. The effective use of the system can actually save reduce operation cost rather than purely as cost factor for airlines and traveling public.



A representation of the patented 100% read rate antenna array @ 13.56 MHz used for the initial and successful FAA feasibility testing.

Similar portals of 7 ft wide and 7 ft height (and their multiples) have been constructed for tracking containers, pallets and other air cargo packaging.

Baggage sortation system simulation running at speed of up to 8 ft per second was tested with the same 100% read rate.

Effective 100% accurate sortation eliminates loss bags and saves costs.

Unlike 915 MHz (UHF) RFID system that may be "blinded" under high or condensing humidity, 13.56 MHz (HF) system remains effective even in condensing humidity of rainy days.

