

COMMON APPROACHES TO COMBINING PERSON SEARCH AND SEARCH OF BAGS/POSSESSIONS

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(WTMD = walk-through metal detector; HHMD = hand-held metal detector)

					Bags and Possessions Search	
					Manual search	X-ray screening (with manual resolution)
		Threats addressed			Has potential to address any threats, but may struggle to find well-disguised or concealed items; procedure & thoroughness can be tailored to the threat; having a suitable work-surface to unpack bag contents onto will aid efficiency and effectiveness of search	Has potential to address any threats, including well-disguised or concealed items; process and equipment used can be tailored to the threat and the size and complexity of items being screened
		Throughput considerations			Throughput depends significantly on quantity and size of bags/belongings vs. size and types of threats to be detected; easily scalable to match varying demand	Throughput depends significantly on efficiency of divest/preparation and recompose steps, and to a moderate extent on complexity of items being screened and size and types of threats to be detected
		Staffing considerations			Staff intensive but limited training required	Specialist X-ray training required (with regular refresh) which must be relevant to the application (e.g. with regard to bag type and complexity, and threats)
Person Search	Manual person search	Has potential to address any threats – procedure & thoroughness can be tailored to the threat	Throughput depends primarily on thoroughness required; easily scalable to match varying demand	Staff intensive but limited training required; physically demanding; best practice for manual searchers to be same gender as person being searched – need to ensure workforce has	Example applications	Example applications
					<ul style="list-style-type: none"> High demand, temporary deployments, with limited bags / belongings and where focus is on larger threat items – low risk, space and frequency do not 	<ul style="list-style-type: none"> Low demand, higher risk deployments with larger / more complex bags / belongings <p><i>Note. This is a relatively</i></p>

				correct gender balance		warrant use of technology <ul style="list-style-type: none"> • Very low demand, higher risk deployments with limited bags / belongings – space and / or limited demand preclude use of technology 	<i>unusual combination</i>
	WTMD with HHMD Resolution	Addresses only metallic threats; sensitivity settings can be matched to threat;	Throughput depends on efficiency and effectiveness of the divest process, WTMD sensitivity settings, and the proportion requiring HHMD resolution	Regular training and good supervision required to ensure effective HHMD operation; good practice for HHMD operators to be same gender as person being screened		Example applications <ul style="list-style-type: none"> • High demand, with limited bags / belongings, and where focus is on larger / metallic threat items – low risk does not warrant use of x-ray screening 	Example applications <ul style="list-style-type: none"> • High demand, with larger / more complex bags / belongings, and where focus is on larger / metallic threat items
	WTMD with full manual search following an alarm	WTMD addresses metallic threats; manual search covers both metallic and non-metallic <i>Note. Many WTMDs offer the option of random alarms to trigger additional manual searches</i>	Throughput depends on efficiency and effectiveness of the divest process, WTMD sensitivity settings, and the proportion requiring manual search	Manual person search is physically demanding; best practice for manual searchers to be same gender as person being searched – need to ensure workforce has correct gender balance		Example applications <ul style="list-style-type: none"> • Low demand, higher risk deployments with limited bags / belongings – space and / or limited demand preclude use of x-ray screening 	Example applications <ul style="list-style-type: none"> • Higher risk deployments with moderate to high demand and need to screen larger / more complex bags / belongings; overall process required to provide a high level of assurance that threats will be detected