



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2022/05/31	Report Number	202200526-WMATA-RRD-1
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	SAFE	Contact Information	
Inspection Location	Onboard 7K railcars numbers L7740-41, 7743-42T. Green Line		

Inspection Summary

Inspection Activity #	1
Activity Code	
Inspection Units	
Inspection Subunits	
Defects (Number)	1
Recommended Finding	Yes
Remedial Action Required¹	Yes
Recommended Reinspection	Yes

Activity Summaries

Inspection Activity #	1	Inspection Subject	7K Out of Round Test Train ride.			Activity Code					
Job Briefing Employee Name/Title	Yes	Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	09:50 AM	Outside Shift	No		
Related Reports	Related CAPS / Findings										
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard	Other / Title			Checklist Reference		
	Return to service plan for 7000 Series Railcars										
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X										
Line(s) & Track Number	Onboard 7K railcars numbers L7740-41, 7743-42T. Green Line				Chain Marker and/or Station(s)	From			To		
						Greenbelt to Mt Vernon Sq.			Mt Vernon Sq. to Greenbelt		
Vehicles	Head Car Number		Number of Cars		Equipment	Railcars L7740-41, 7743-42T.					
	L7740-41, 7743-42T.		4								
Description	WMSC went onboard the wheels out of round test train on one round trip from Greenbelt to MT Vernon Square station and back. There were four operators and the following WMATA's personnel, [REDACTED]. WMSC staff included Max Smith, Richard David, John DeRenzo, and Manuel Lopez. Safety briefing was completed and Covid 19 safety protocols were adhered to. One WMSC staff member was in each car to capture any unusual or excessive vibration. Note: Railcar 7741 had wheels out of round by 25-35 thousandth of an inch, 7740 had 15 thousandth of an inch, and 7742-43 had less than 15 thousandth of an inch. The wheels out round limit for cutting is 15 thousandth of an inch.							Number of Defects		1	
								Recommended Finding?		Yes	
								Remedial Action Required?		Yes	
								Recommended Reinspection?		Yes	
Remedial Action	Continue with the return to service plan for the 7K fleet.										

¹ The rail transit agency must provide WMSC with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing WMSC verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge's Signature	Date 2022/05/31
Inspector in Charge's Name Richard David	Inspection Team Manny Lopez John DeRenzo Max Smith