

Location: Boom and Bucket

**TRUCK AND EQUIPMENT CONSULTING LLC - HYDRAULIC TAIL TRAILER CHECKLIST**

Date (Y/M/D) 6/6/2023

Inspector Initials M.L.

(Basic Information)	
(Make)	Trail King
(Model)	TK80HT Tandem Axle 4X8 5th Wheel
(Serial Number)	1TKA04825EM062326
(Year of Manufacturing)	2014 (built 8/2013)
(DOT/Inspection)	Arizona Perm Cert Insp 1/10/2023
(Type)	Front Folding + Rear Hydraulic Dove Tail
(Dimensions)	L =47 Ft 11 in / W =102 in
(Fifth Wheel Height/King Pin)	49 in (loaded) / 14 in setting
(Load Capacity)	Main Deck 50,000 lbs / Max 80,000 lbs

- A (Near to Brand New or Excellent Condition)  
 B (A little Wear and Good Condition)  
 C (Fair Workable Condition for Hour Meter Reading)  
 D (Workable but minor repair is required)  
 E (Workable but major repair is required)

Specification and Dimensions	
Length x Width	47 Ft 11 in / 102 in
Wheels / Tires	Sumitomo 10R 17.5-16 PR
Axles	17,640 lb axles
Brakes/Suspension	ABS / Air Ride
Landing Legs	2 front mount
GVWR	97,080 lbs
Upper/Lower Deck	9 Ft Upper deck / 27 Ft Main deck (incl ramp)
Hydraulic Tail Capacity	25,000 lbs
Hydraulic Tail / Load Angle	11 Ft 10 in hydraulic tail / 10 degree
Fold Under Tail dimensions	46 in fold under tail hinge
Winch	Winch 20,000 lbs / 80 Ft cable, Air Weigh Scale
	Dual Hydraulic Controls (1 per side), 2 toolboxes
	86 in swing clearance, Front Deck Hydraulic Lift

(Check List)		A	B	C	D	E	(Remarks)
GENERAL APPEARANCE	(General Appearance-Front)		X				Good appearance Front Gooseneck, front frame+crossmembers
	(General Appearance-Rear)		X				Good appearance rear panels, rear frame+crossmembers
	(General Appearance-Right )		X				Good appearance right side frame, panels, crossmembers
	(General Appearance-Left )		X				Good appearance left side frame, panels, crossmembers
	(General Appearance-Upper )		X				Good appearance decking, upper surfaces, upper panels
	(Major / Minor Surface Rust)		X				No rust seen on suspension or chassis components
	(Deck Surface)		X				Wood over Steel, Steel Tail Good Appearance No damage No wear issues
	(Lights - Front+Rear)		X				Working Good appearance
PLATFORM APPEARANCE	(Cabinets / Fenders / Splash Guards)		X				Good appearance No damage seen
	(Front Section)		X				Front platform surfaces, boards and panels Good appearance
	(Rear Section)		X				Rear platform surfaces, boards and panels Good appearance
	(UPPER DECK)		X				Upper Deck platform surfaces, boards and panels Good appearance
	(MAIN DECK)		X				Main Deck platform surfaces, boards and panels Good appearance
FOLDING RAMP	(Tail Ramp )		X				Tail Ramp Good appearance No damage seen
	(Fold Under Deck)		X				Fold Under Platform Good appearance No damage seen
	(Right Side Appearance)		X				Right Side Panels Good appearance No damage seen
	(Left Side Appearance)		X				Left Side Panels Good appearance No damage seen
CHASSIS	(Front Frame Appearance)		X				Front Frame+Crossmembers Good appearance No damage seen
	(Rear Frame Appearance)		X				Rear Frame +Crossmembers Good appearance No damage seen
	(Right Frame Appearance)		X				Right Chassis +Crossmembers Good appearance No damage seen
	(Left Frame Appearance)		X				Left Chassis+Crossmembers Good appearance No damage seen
SUSPENSION	(Air Bag Appearance)		X				Suspension Components Good appearance No damage seen
	(Front Axle)		X				Front Axles X2 Dry, Good appearance No damage seen
	(Rear Axle)		X				Rear Axles X2 Dry, Good appearance No damage seen
	(Rust / Overall appearance)		X				No rust seen on suspension or chassis components
WHEELS+ TIRES	(Right Front Wheel Hub+Tire)		X				Tires = B Good appearance Hubs = B Dry No dings or dents
	(Left Front Wheel Hub +Tire)		X				Tires = B Good appearance Hubs = B Dry No dings or dents
	(Right Rear Wheel Hub+Tire)		X				Tires = B Good appearance Hubs = B Dry No dings or dents
	(Left Rear Wheel Hub+Tire)		X				Tires = B Good appearance Hubs = B Dry No dings or dents
PERMITS Landing Legs	AS POSTED		X				Yes
	LANDING LEGS APPEARANCE						Landing Legs panels+base Straight No panel damage No cracks or rust
	TAIL HINGE		X				Good Appearance and Function
	HYDRAULIC HOSES+FITTINGS		X				Good Hydraulic hoses+Fittings Clean +Dry No Seepages or dampness
HYDRAULICS	WINCHES		X				Good Appearance of Winch (not weight tested)
	HYDRAULIC CYLINDERS		X				Good appearance of hydraulic cylinders No pitting No discoloration
	CONTROLS+SWITCHES		X				Good functionality all levers and controls
	PLATFORM FOLDING+UNFOLDING		X	X			Good Function Some Noise during rear panel lift
RATINGS	OVERALL VISUAL INSPECTION		X				Good appearance deck, structural crossmembers, hubs+axles,ramps
	COMMENTS		X				Good appearance of underside panels, chassis and frame No damage
	OVERALL PERFORMAMNCE		X				Good hydraulic function Front deck, Rear Dove tail folding+unfolding
	COMMENTS		X				Good response and cycle time, Some noise during rear lift then quiet

OVERALL EXTERIOR RATING: B QUALITY: B  
 OVERALL PLATFORM: B SAFETY: B  
 OVERALL TIRES+HUBS: B CHASSIS+FRAME: B  
 HYDRAULIC FUNCTION B

**SHIPPING DIMENSIONS: (Transport Ref Only)**

Length: 47 Ft 11 in  
 Width: 102 inch  
 Empty Weight = 17,080 lbs (est)