



North Slope & Southern Scenic Railway
 TECHNICAL DOCUMENT

Indoor Division Operations Manual
 Revision Level: 121802.1

Train Make Up

Engine Selection

Dice Roll	Engine	Type	Required Car	Max Rev Cars	Max Length
1 or 4	NH 1224	GP9	Tool (adapter) Car	5	7
2 or 5	ETWNC 12	4-6-0	Coal Tender	4	6
3 or 6	EBT 25	2-8-0	Coal Tender	3	5

Cabin / Passenger Car Selection

Dice Roll	Car Number	Type
1 or 4	NH C-701	Steel Caboose
2 or 5	PRR/EBT 1001	Wood Caboose
3 or 6	ETWNC 1	Wood Combine

Revenue Car Selection

Dice Roll	Car Type
1 or	Bad Order (No Car)
2	Tank Car
3	Hopper
4	Flat Car
5	Gondola
6	Box Car

Car Delivery

Destination by Car Type

Car Types	Accepted At	Location	Facilities
Hopper / Gondola / Coach	HONY	Honey Grove	Pass / Freight Station
Tank / Switch Engine	KIST	Kistler	Engine Service
Flat / Box / Reefer	NOOK	Nook	Transload Platforms
None	QHAN	Quehanna	No Facilities
Coach	TYRE	Tyrone	Passenger Station
All Types	WILO	Willow Hill	Interchange Yard

Car Return

Car Types by Location

<u>Location</u>	<u>Symbol</u>	<u>Car Types Accepted</u>	<u>Facilities</u>
Honey Grove	HONY	Hoppers / Gondolas / Passengers	Pass / Freight Station
Kistler	KIST	Tankers / Switch Engines	Engine Service
Nook	NOOK	Flats / Box Cars / Reefers	Transload Platforms
Quehanna	QHAN	None	No Facilities
Tyrone	TYRE	Passenger	Passenger Station
Willow Hill	WILO	All Types	Interchange Yard

Operating Rules

1. Every train must have a minimum of the following:
 - a. Motive Power (engine).
 - b. Required car (tool car or tender).
 - c. Cabin Car or Coach to carry passengers.
2. Roll two dice to select Engine and Cabin Car.
3. Select Revenue cars with a number of dice equal to Maximum Revenue Cars.
 - a. Roll each die individually to determine train order.
 - b. Maximum number of revenue cars is determined by engine selected.
4. Pick Up Outbound Cars from the Willow Hill interchange yard.
 - a. Switch cars and engines as required.
5. Forward Outbound Cars to Destination as determined by car type.
 - a. Switch cars as required.
 - b. PRR 999 20 Ton Switcher is available at Kistler to assist.
 - i. GE 20 Tonner will move a maximum of 3 Cars
 - c. EL 44 Ton Switcher is on-call to assist.
 - i. GE 44 Tonner will move a maximum of 5 Cars
6. Excess “empty” cars must be returned.
 - a. Car Type of empty returns may vary (hopper exchanged for gondola, etc.).
 - b. Each location has a maximum number of cars it will accommodate:
 - i. Honey Grove – 2 cars
 - ii. Kistler – 1 car
 - iii. Nook – 3 cars
 - c. Remove cars as needed to spot new cars without exceeding capacity.
7. Returned cars for interchange may be spotted anywhere in the Willow Hill yard.
8. Have Fun!