

## Incident Summary # 5578444 (Final)

SUPPORTING INFORMATION	Incident Date		February 1, 2016	
	Location		Invermere	
	Regulated industry sector		Passenger Ropeways – Surface Ropeway	
	Impact	Injury	Qty Injuries	0
			Injury description	N/A
			Injury rating	None
	Damage		Damage description	Damage to 5 carriers, including 4 broken platter handles and 1 broken spring box.
			Damage rating	Minor
Incident rating		Minor		
DESCRIPTION	Incident overview		A carrier travelling downhill had the springbox fall from the hanger arm, this allowed the hanger arm to swing in and contact the sheave assembly on tower 4. This resulted in a deropement of the haul rope from tower 4 that was not retained by the sheave assembly haul rope catcher.	
	Site, system and components		Recreational Ski Area Single Passenger Surface Platter Lift	
CONCLUSIONS	Failure scenario(s)		The carriers connection between the aluminum springbox and the steel hanger arm failed.	
	Facts and Evidence		Connection between carrier springbox and hanger arm failed Carrier hanger arm hit tower sheave assembly because of unbalance in hanger arm caused by springbox falling off. Haul rope deroped from sheaves and was not retained by haul rope deropement carriers Safety system deropement switch on tower 4 downhill sheave assembly stopped the ropeway. 4 carriers impacted with the ground causing damage to them	
	Causes and Contributing Factors		Possible metal fatigue on aluminum springbox	