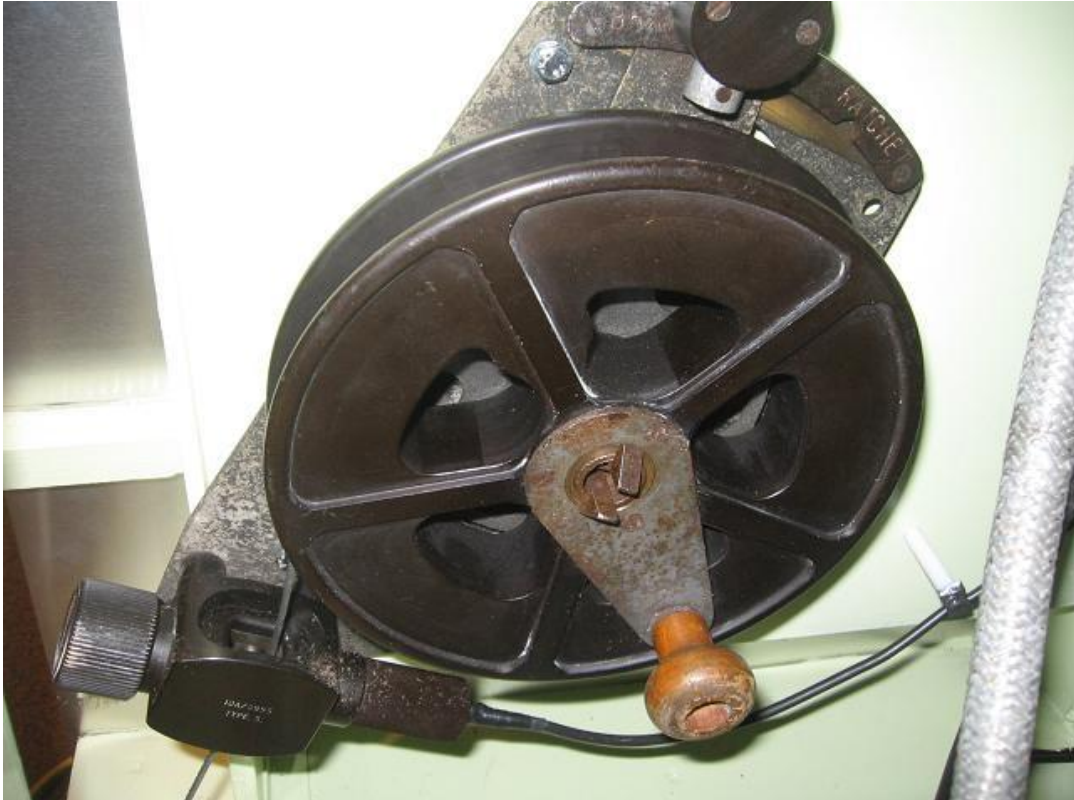


Lancaster Trailing Aerial



Due to the change in ionosphere conditions at night
Bombers need to use the Medium and Long Wave bands
Transmitting on these frequencies needed a very long aerial
The aerial ran out behind the plane in flight, on a ratchet
The Reel is made of Bakelite (an early form of Plastic)
The big knob was used to wind the aerial back in before landing
In some instances the wire became tangled in the tail planes tail
This may have caused the Bomber to crash