



# Skyler the Pilot and the Solar Show

By Humaira Tasnim



"Once upon a time, there was a brave pilot named Skyler. Skyler loved flying high in the sky, above the clouds, where the air was fresh and the view was breathtaking. She flew all around the world, taking people to far-off places, and she had seen all sorts of things —clouds that looked like fluffy cotton candy, sunsets that painted the sky in gold and pink, and even the stars sparkling brightly at night."



"Skyler's eyes widened in amazement. The sky wasn't dark anymore—it was filled with swirling colors! There were greens, pinks, and purples all dancing together like a magical light show. 'What is that light?' Skyler wondered, tapping her fingers on the dashboard." "It looks like the sky is dancing!" Skyler whispered to herself, feeling like she was flying through a dream."





"Just then, Skyler's radio crackled to life. It was her friend, Professor Nova, who studied space weather.

'Skyler!' Professor Nova said excitedly, 'You're seeing the auroras!'" "Auroras?' Skyler asked, confused but curious. 'What are those?'" "Ah! The auroras are one of the most beautiful things in space weather!' Professor Nova explained. 'They happen when the Sun sends out bursts of





"Skyler blinked. 'So, the Sun is responsible for this light show?'" "Professor Nova chuckled. 'Yes! The Sun is very powerful. Sometimes, it sends out bursts of energy called solar flares. These flares are like giant fireworks that explode from the Sun and travel through space. When they reach Earth, they interact with the atmosphere and magnetic field, and that's when you get the beautiful





"As Skyler watched the auroras, something strange happened. The radio in her cockpit started to crackle and buzz, and her GPS screen started flickering. 'Hmm, that's odd,' Skyler thought. "Then she remembered what Professor Nova had said: 'Solar flares can sometimes mess with technology. They can affect radios, satellites, and GPS systems!'" "Uh-oh," Skyler said. 'Looks like the





"Professor Nova's voice came through the radio again. 'Don't worry, Skyler. This is a normal part of space weather. Solar flares can interfere with things like radio signals and GPS, which is why your radio and GPS are acting up. But it's also why we get to see these beautiful lights!'" "That's cool, but a little tricky too!" Skyler said. 'It's like the Sun's energy is both helping me see this amazing light show and





"It's incredible!" Skyler said, staring at the auroras. 'The Sun is so far away, yet its energy can travel all the way to Earth and cause this."

"Professor Nova laughed. 'Exactly! The Sun is 93 million miles away, but its energy still reaches us and has a big impact on our planet. Solar flares, solar winds, and the Sun's magnetic field all create space weather, which affects Earth in so many ways.'" "It's





"Even though the solar flares were making her GPS go haywire, Skyler didn't mind. She decided to sail through the night by the stars, just like sailors did in the old days."

"This is just like an adventure!" Skyler grinned, enjoying the quiet beauty of the night sky and the glowing auroras below. 'It's like I'm part of something bigger, something magical!"





"As Skyler flew, she marveled at how space weather wasn't just about technology problems—it was also about the beauty the Sun brings to the Earth. 'The auroras are incredible! They remind me how the Sun's power can create such amazing things, like this light show!'" "Skyler smiled as she realized that, while solar flares and space weather can cause some trouble, they also make the





"Skyler learned that space weather—like solar flares and auroras—can affect technology, like GPS and radio signals. But she also learned that space weather creates beautiful sights in the sky that are both magical and mysterious." "The Sun is full of surprises!" Skyler said with a smile. 'Its energy touches everything on Earth in ways we can't always see—but when we do, it's something

