



## Most powerful supernova in the universe

A mammoth star explosion known as SN2016aps, which occurred about 4.5 million light-years away from Earth, is the brightest supernova ever seen, an international team of astronomers have reported in a new study. The brilliant new supernova shatters cosmic records for brightness, energy, and also mass. It was between 50 to 100 solar masses, which is much greater than the 8 to 15 solar mass explosions typically seen. It was 500 times brighter than a typical supernova and much more energetic, releasing about 10 times more energy than the sun will emit in its entire lifetime! Dr Matt Nicholl, lead author of the study and lecturer at the University of Birmingham School of Physics and Astronomy, said “We found the radiation was five times the explosion energy of a normal-sized supernova. This is the most light we have ever seen emitted by a supernova!”



*Pictured: A image of a supernova. Source - Royal Astronomical Society's Twitter page.*

## Passenger accidentally ejects himself from jet



*Pictured: A Dassault Rafale jet plane taken by Gerard van der Schaaf.*

A 64-year-old man was given a surprise gift of flight in a Dassault Rafale (meaning burst of fire), a French twin-engine, canard delta wing, multirole fighter aircraft, by his colleagues to celebrate his retirement. Just after the jet had taken off at Saint-Dizier 113 air base, the passenger was ejected from the back of the plane. An investigation into the incident which has just been released by France's Bureau of Enquiry and Analysis for Civil Aviation Safety, has confirmed that he was so startled when the plane took off that he accidentally grabbed the handle that releases the Martin-Baker MK16 ejection seat to steady himself! This caused him to self-eject with his seat, being thrown from the aircraft, he then parachuted down to the ground and landed safely in a field. The pilot performed back-up actions and was then able to land the plane.



## Rosie the penguin turns 30!



*Pictured: A pair of penguins at Sewerby Hall taken from their Twitter page.*

Rosie, the Humboldt penguin, is one of the UK's oldest penguins and has just celebrated turning 30! Even though Sewerby Hall and Gardens, where she and her penguin pals, Dion, Pingu and Penny live, is currently closed, Rosie celebrated in style behind the scenes on the 20<sup>th</sup> of April. This is a big achievement as Humboldt penguins have a life expectancy of between 15 and 20 years in the wild. The penguins are classed as vulnerable to extinction due to changes in climate and overfishing of their preferred prey. Rosie, who was bred in captivity, came to live at the hall in 1990 and has successfully hatched chicks, playing a vital role in the zoo's breeding programme. "We are genuinely excited that Rosie is about to reach her 30th birthday," said John Pickering, head zookeeper, before the big day.

## Your thoughts on the news...

I think that we are ALL responsible for the welfare of the animals. However, I do believe that the hunters need to stop hunting and killing animals because it is not fair, and they deserve a life as much as we do.

**Freya James-Shaw - Age 9**



It is everyone's job because without animals, the world wouldn't be the same. Every living creature should be treated the same, otherwise they might feel sad and ignored. For example, if a wild animal is injured and somebody notices it, they should go and help it.

**Safiyya Rose- Age 7**

It is everyone's job because it is everyone's world and we should help out as much as we can to keep our earth a good place.

**Abigail Davenport- Age 10**

What was your opinion on this week's news? Visit our discussion area, found here:

**[www.picture-news.co.uk/discuss](http://www.picture-news.co.uk/discuss)**  
to share your thoughts!

I think it is everybody's job to protect animals in the wild. It's their planet, not just ours.

**James Ashworth - Age 8**

/ think...



**YOUR COMMENTS**

Share your thoughts on our online discussion board:  
**[www.picture-news.co.uk/discuss](http://www.picture-news.co.uk/discuss)**

Email: [help@picture-news.co.uk](mailto:help@picture-news.co.uk) Tweet: [@HelpPicture](https://twitter.com/HelpPicture)  
or post to: **Unit 3, Phoenix Business Park, Ripon, North Yorks, HG4 1NS**