

161105 Commentary for Slides (SCCC) - **S#= Slide number**

SCCC = Sun City Computer Club of Huntley IL

**S1**

A Spacecraft Launch  
And How to Send Your Message to Outer Space  
Sun City Computer Club  
By Ken Kozy

PIC: Launch photo cropped with exhausts to right

**Thank you.** What a great year this has been. The **CUBS have won the World Series** – yea! And **your** NASA Spacecraft has been **LAUNCHED** that has **aboard it something from right here in Sun City** – I'll tell you more about that in a few seconds.

**I have been scheduled for only 10 minutes, so please hold your questions until the end.**

I hope to **share** with you and **entertain you** with an exciting video of a **NASA Spacecraft Launch** that occurred in September 8<sup>th</sup>.

An **eBook written right here in Sun City over the last 10 years is aboard that Spacecraft** – now 17 million miles in outer space.

I want to say **THANK YOU** – especially to the Computer Club LAB, and all of you for making this eBook launch possible. And I **THANK GOD** for Mary, my wife, for editing the eBook and for her encouragement and patience.

The slide picture on the right is from the **actual liftoff** in Cape Canaveral Air Force Base in Florida, compliments of your NASA.

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The **National Aeronautics and Space Administration** is an independent agency of the executive branch of the United States federal government responsible for the civilian space program as well as aeronautics and aerospace research.

Mary and I, and her guide dog Regina, were blessed to have witnessed it –  
the **BLAST** and **ROAR** of the engines,  
the **SHAKING GROUND**, and  
the **BILLOWING EXHAUST** of the **ROCKETS**.

**S2**

### What You Will See

- Mission of this Spacecraft & Satellite
- Video of the Liftoff
- The Experience – via News Articles
- Sent my eBook into outer space
- Addresses for Sending Your Own Message to Future Generations

PIC: Rocket lifting off of Launch Pad

Here's a **summary what you will see and hear** today.

The **goals** of this important Spacecraft and Satellite

The actual **video and sound** of the actual Launch

**Description** of what the experience felt like

This NASA Spacecraft actually **carried my eBook into outer space** for future generations in space to read

Addresses of where you can **send your message to outer space** – if you choose.

You can write a message to be sent into outer space.  
I'll tell you how you could do that -- if you want to.

I have placed **summary copies** of this presentation at each table containing **some** of these slides.

Not every slide is on that sheet.

It is just to help you if you want to remember an internet address or names for follow-up.

OSIRIS-REx Satellite at Asteroid Bennu (Graphics Credit: NASA)

PIC: OSIRIS-Rex Logo

PIC: OSIRIS-Rex above Bennu

This Spacecraft contains **ROCKETS** to boost a **SATELLITE** into outer space.

Its **primary** mission is **to go to an Asteroid named BENNU.**

As this NASA logo says, it is an **Asteroid Sample Retrieval Mission.**

It will carefully **study** the Asteroid and then **gently** take a sample and return that sample back to Earth for analysis.

That analysis may prove that **water and life-building compounds** came to Earth via bombardments by asteroids millions of years ago.

Also, can asteroids be a **future source of water, minerals, & compounds** for human missions into space?

This asteroid is also important because of its annual orbit close to Earth – which means it **may crash into us** in the future. So, we just want to just touch it gently and not disturb its orbit yet.

Thus, this mission is to **secure our future** and **explore our past.**

This **long leg** of the Satellite in the graphic will **pick up a sample** of the Asteroid's surface and

place it into the **nose-cone-looking cap** in front.

The “WINGS” are **solar boards** which convert the Sun's radiations into electric energy for the Satellite and its instruments.

It will return to Earth in **7 years.**

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OSIRIS-REx

Asteroid Sample Return Mission

Rockets: Atlas V, Centaur, SRB

Height: 189 ft. (15 stories high)

Weight: >750,000 lbs.

Satellite: about 8x8x10 ft.; 2 tons

PIC: Poster with Atlas V +, bigger Satellite, define OSIRIS-REx

On the poster picture >>

**O S I R I S - R E x** is an **acronym** for

“Origins, Spectral Interpretation,

Resource Identification, and Security- Regolith Explorer.”

Here is the complete Spacecraft with all its **rockets**,

**Atlas V** (5) (first stage – primary)

**SRB** Solid Rocket Booster -- attached to Atlas V (first stage – secondary)

**Centaur** (second stage)

**Fairings** – covering the Satellite – protecting it from the atmosphere

Pressures as the Spacecraft go super-sonic then to 2,000 mph

In the first 3 minutes – how’s that for pick-up speed

The total **height** of the Spacecraft is 189 feet or about 15 stories high

The total **weight** at liftoff is over 750,000 lbs., 325 tons.

The satellite you see on the right side is the size of a small SUV auto –

About **8 feet by 8 feet by 10 feet**.

The **Satellite weighs** about 4,000 lbs., or 2 tons with full fuel load.

S5

Video of Launch of this NASA Spacecraft

[CLICK [THE VIDEO OF LAUNCH](#) for pc file video play]

[CLICK THE PICTURE for YouTube direct internet file play if necessary]  
(>> <https://www.youtube.com/watch?v=ULfQdFY9PQM>)

See Launch Videos at:  
[www.KenKozy.com](http://www.KenKozy.com)

Click Tab >

“eBook NASA Launch”

PIC: Rocket lifting off of Launch Pad

Now let's see some **action!!!**

Here is what **Mary and I experienced!** And, Regina, her guide dog!

This video and sound is **courtesy** of NASA.

The count will start here at **t minus 4** seconds.

**John Currie and Marty Malinowski** are the announcers

It is a **2-and-a-half minute** video.

**CLICK>>>**

We will view it until the **Solid Rocket Booster** is jettisoned.

The Spacecraft will go from 0 to **2,000 mph in about 2 minutes.**

Cameras on the ground will show the **liftoff and initial flight**

The **cameras on the Spacecraft** will show the coast of Florida and the release of the Solid Rocket Booster

There were thousands of people from all over the world watching this event. They were cheering and applauding and even crying at this happy event – almost like a CUBS victory!

Here was the culmination of about 10 years of hard work by thousands of people.

**Awesome!!!**

Sun Day Newspaper of Huntley IL  
ALSO Available at: [www.KenKozy.com](http://www.KenKozy.com) Tab "Newest Articles"  
PIC: June 30, 2016 edition, front page, Sun Day News  
PIC: October 5, 2016 edition, pages 13 & 15, Sun Day News

**How did it feel?** You may have read about it in our Sun Day Newspaper. I have some reprints of the article up here if you want.

#### IF TIME ALLOWS READ THIS EXCERPT:

Let me read from the **Sun Day News, October 6<sup>th</sup>** edition:

We were just **2.3 miles** from the launch pad and 50 feet above ground as the blastoff of the huge Atlas V rocket impacted our senses and our emotions.

**"God's speed,"** was my verbal prayer – but my voice was drowned out by the rockets' sound and by everyone shouting their joy and exuberantly applauding this liftoff!

I tried to keep my left eye on my iPhone's screen recording the launch while focusing my right eye on the physical sight of the liftoff. **What a difference** – I couldn't believe it. In my right eye the reality was not at all like the launch videos and films I had seen before in theatres or TV!

First of all, the huge clouds of smoke emanating from the bottom of the rockets were **immediately shunted away** from the launch pad by large underground tunnels. Next, the flames from the rockets were not yellow, red, white or blue ... instead they were a **bright, hot stainless steel color!** The 15-story tall spacecraft **seemed to hesitate** a few seconds before majestically lifting with such power – proudly, straight as an arrow into the sky, **shining in the sunlight** just before sundown. There was no smell of fuel or smoke. Over **750,000 pounds** were lifted into space!

We all kept sight of the ascent until the ceiling of our open-air platform cut off the view. As I turned to run to the railing on the other side, I saw **Mary, my wife, in back of me smiling, while her guide dog was wagging its tail – both were loving the experience.**

From the side railing I discerned the continuation of the spacecraft's **vapor trail** streaming high into the sky. Suddenly, the white vapor trail began to bend horizontally and stopped. But my right eye continued to see the distant, **tiny, now red and yellow flames from its rockets** – the spacecraft was beginning its planned **angular orbit into space.** IT WENT SUPERSONIC AND LEFT EARTH!

**>>Some copies of SD articles are up here if you wish to read them.**

S7

Included by NASA into Spacecraft

- Introduction (Questions/Responses)
- 3 artwork photos of space from Earth
- My eBook Christmas Nativity story: **“A Baby Changes Our World”**
- In English and 7 computer-translated languages: **Italian, Polish**, Spanish, Portuguese, German, and Chinese (T&S)
- Introduction to **“7-Dimensional eCommunications”**
- A Blessing for NASA and for the success of this mission

Why am I **excited** about this Spacecraft?

Well, it carries a **memory stick containing** an eBook I wrote.

**“A Baby Changes Our World” It is a Christmas Nativity Story**

I submitted the eBook and additional artwork to NASA.

They had invited everyone in the world to submit artwork to include in this Launch. **Over 7,000 submissions** were made. NASA accepted all of them.

I was surprised and overjoyed at that news.

I used a **computer-translator** by Google to translate the eBook from English into 7 languages: **Italian, Polish**, Spanish, Portuguese, German, and Chinese (T&S).

It is like a **Rosetta Stone** for the future.

About **20%** of the population of our world speaks or writes these languages.

**Read & Comment on List on SLIDE.**

I am happiest about the inclusion of the eBook. It describes the **Nativity of Jesus** and end with a summary of His life, death, and resurrection. **Praise God!**

This is the **first eBook sent into outer space** that includes **Bible events** and written using **7-Dimensional eCommunication** Concepts.

7-d eCom describes the process we humans use to effectively communicate.

**Mary** helped me, encouraged me, and was the initial editor of all my writings.

**Local writers' clubs** – Library and “Sun City Write On Group”– helped by reviewing and commenting on the writings as did many friends.

>>> The Sun City **Computer Club** helped: fixing my computers in the Lab and giving good PC advice.

Thank God for everyone's help!

**Reference** Sun Day articles at: [www.KenKozy.com](http://www.KenKozy.com) Tab **“Newest Articles”**

S8

Read this **free** Multi-Media eBook On-line  
In your browser enter: [www.KenKozy.com](http://www.KenKozy.com)  
Then, CLICK the tab in left column: “**eBook Read On-Line**”

**You can read this free Multi-Media eBook On-line by putting**

**Into your browser the address: [www.KenKozy.com](http://www.KenKozy.com)**

**Then, CLICK the tab in left column: “**eBook Read On-Line**”**

**Point them out on the slide**

**I do **not charge** for any of my writings or web site.**

**They are **free of advertisements**.**

**No **proceeds** come from these activities.**

**The web site and writings are all personally funded by Mary and me – and God.**

**“Freely received, **freely given**.”**



Over 100 Multi-Media [Internet LINKS](#) to Enjoy

- Music Videos
- Panoramic Interactive 3-D Tours
- Photos
- Movies
- Bible References
- Food Topics
- Dramatizations
- Maps
- Graphics
- Art Works
- Commentary
- Wikipedia – presents various viewpoints regarding the topics
- LINKS and text are written using the new  
“7-Dimensional eCommunication Concepts”

**Read and explain** the list on the slide. [use red laser pointer for screen]

To access these features

You simply **click** your mouse on any of the LINKS at the end of a chapter or part of the eBook.

Just like I did for the Launch video earlier.

I hope you take a look at the eBook, read and interact with it.

You may want to send this eBook LINK to your children, grand-children, great grandchildren, or as in our case to our great nieces and nephew - as a Holiday Gift.

As you know, in our school district most of the students do not use books any more – they use tablet computers for their text books – now all eBooks. They are used to reading electronic docs in this new age.

They might really be surprised and appreciate an eBook from “POPS” and “GRANDMA.

And it is **FREE**. Same with this slide show, its **FREE** for personal educational use. No ads either. **ENJOY!**

How to Send Your Own Message to Outer Space for Future Generations

- Ever think about writing something for your future descendants?
- What would you say?
- How would you send it in a time capsule to outer space?

Now let's move on to something that may be **more interesting** to you.

**How to** Send Your Own Message to Outer Space for Future Generations

>>Ever think about **writing something** to your future descendants?

**Really in the future** ... say a few thousand years?

I never did **until** this NASA opportunity came along.

>>What would **you say**?

I chose the **eBook I had just completed** writing about the **Nativity of Jesus**.

>>**How** would you send it in a time capsule to outer space?

I never even thought that this was possible.

Seems like **whenever a time capsule is discovered and opened**, there is a great interest in its contents.

Whether it's from the 1800s or the 1900s, it's very curious – **we want to find out** what people were thinking back then.

Now this is **your opportunity** to do this for descendants or people in the future.

Today there are **2** ways to do this

- **KEO.org** - message of up to 6,000 characters
  - Free service, but now delayed due to finances
  - Engineered to return to Earth in 50,000 years
  - See FAQ – <http://keo.org/uk/pages/faq.html>
  - Go to: <http://keo.org/uk/pages/message.php> to write “Your Message” for future generations
- **The Planetary Society** works with NASA to send names of members and messages/artwork on some missions
  - See: [www.planetary.org](http://www.planetary.org) (Annual Membership Dues)

Today there are **2 ways** to do this. [use red laser pointer for screen]

- **KEO.org** – to send a personal message of up to **6,000 characters** to future generations

The name KEO was created because the **sounds of these 3 letters** are common to almost every language on Earth.

The objective is to have **everyone who is currently on Earth** be able to send a message to future generations in space or on Earth.

- **Free** service, but now delayed due to finances
- Engineered to return to Earth in **50,000 years** <<<!!!
- See FAQ **Frequently Asked Questions** – <http://keo.org/uk/pages/faq.html>
- **Go to:** <http://keo.org/uk/pages/message.php> to write “**Your Message**” for future generations
- **The Planetary Society** works with NASA to send names of members and messages/artwork on some missions
  - See: [www.planetary.org](http://www.planetary.org) (Annual Membership Dues)

They **sent** thousands of names to NASA for inclusion in this and other Spacecraft – starting with the names of the members of their Planetary Society. They also worked with NASA to invited the world to submit artwork for the **OSIRIS-REx** Mission.

I **was not a member** of the Planetary Society at the time I submitted my eBook. If you do **not have a PC**, you can use the PC at the Huntley Library or in our Sun City Social Lounge. There is even a way to send them a **letter by mail**. Many computer users are around **who would help you** with this activity.

## S12

### Free eBook – Give it as a Gift

Multi-Media version of the same eBook sent to outer space

- Read or send as a gift to your children/grandchildren
- Choose to download it from [www.KenKozy.com](http://www.KenKozy.com)
  - Or, send them LINK: <http://www.kenkozy.com/Pages/eBook.aspx>
  - You or they may choose to print it from your computer
- eBook is **FREE** to read on-line from [www.KenKozy.com](http://www.KenKozy.com)

Note: the eBook is for personal education, non-profit, and “fair use” only, and is not to be used or sold commercially.

All Copyrights are reserved by copyright owners.

### IDEA about this **Free** eBook – **Give it as a Gift**

Multi-Media version of the **same eBook** sent to outer space

Is available to send as a gift to someone.

- Read or send as a gift to **your children/grandchildren**

**Younger people are more** adapt at computers and smartphones than we seniors

Students now-a-days use laptops and iPads **instead of printed books**

They **use social media and eBooks** extensively

**What** can you give them as a gift? – electronic eBooks for one thing.

- Choose to **download** the eBook from >>> [www.KenKozy.com](http://www.KenKozy.com)
  - Or, **send them this LINK**: <http://www.kenkozy.com/Pages/eBook.aspx>
- You or they may choose to **print it** from your computer
- eBook: they can **read it on-line** from [www.KenKozy.com](http://www.KenKozy.com)

Just **send them** the URL or electronic address

And **they will use that** to download your gift.

>> Note: the eBook is for personal education, **non-profit, and “fair use”** only, and is **not** to be used or sold commercially.

All Copyrights are **reserved by copyright owners**.

[Future: a free gift card]

**S13**

Thank You, and Going Forward ...

**Free** slide presentation & **Free** eBooks

For Clubs, Interest Groups, Youth Groups, Adult Study Groups

Contact: KenKozy@KenKozy.com

Phone: 1-847-659-1897

**What's next?** Going forward think about this.

If your Club, **Interest Group**, **Church Youth Group**, or Adult Study Groups

Would be interested –

I would be happy to **make this presentation** to them

They could **freely download** this Christmas eBook story containing Multi-Media that is interesting and informative.

Everyone in a group can **freely use** the eBook

Please **let me know**. Included is my phone # and eMail address.

S14

THANK YOU

PIC: Full Launch photo with smoke to right

S Other

It is exciting. **Thank you** for inviting me, you are wonderful people,  
and **thank God** for this opportunity.

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>>>Optional: startup the Slide Show of NASA pictures

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