This afternoon we honor...

force lieutenant colonel Ed White use my class of 1952

and astronaut Edward white use my class of 1952

and the first American to walk in space at this time please direct your

attention to the video screen

for a short video presentation about lieutenant-colonel way

Edward Higgins white the second born in San Antonio Texas November fourteenth

nineteen thirty

was destined to become a hero of the American space program

with a bachelor's degree from West Point and a master's from the University of Michigan

whites military career was spent in the
air

from Florida to Germany from Edwards Air
Force Base

to wright-patterson as a test pilot and
white brought the right stuff

the nineteen fifties in nineteen sixties
brought about a raise

that would change humanity forever white

along with such noteworthy maidens F
sheppard

blame Collins Armstrong

altering were members have these early
group of pilots turned astronauts

some of whom were also West Point
graduates we kinda

call them a straight arrow

that's where the way years directed
toward

what the objective the

after humankind reached space in 1961
the race continues what would it take to exit the graph to step out to survive

in a small single person spacecraft the spacey

in this vacuum of space june third nineteen sixty-five

on a launch pad in Florida and white game James McDivitt

suited up to find out at 2:46 p.m.

Eastern Time and white stepped out of Germany four

becoming the first american to exit the spacecraft in orbit

and walk in space and the first human to control his own movement the a

pressurized air

saffron I to the new bill that the battery on a problem I have is I'm

I'm not Hill be was spacious for you I think from an engine mcdevitt everyone

on a ground in michigan troll everybody
I'm a spectacular

the Gemini program was a brilliant success

with its purpose bean that a proving ground

that would take humankind to the moon and back

on January 27th 1967

at that now named Kennedy Space Center astronauts Ed White

Virgil Grissom and Roger Chaffee climbed aboard an apollo capsule for pre-flight testing

tragedy struck taking the lives of these three brave men

the nation mourned its heroes and continues to remember Edward white

and the other members of the astronaut corps who have lost their lives

in the service to the cause with

each successful push up the boundaries
of human exploration

50
00:03:19,989 --> 00:03:23,299
ed White's memory and legacy is Potter

51
00:03:23,299 --> 00:03:29,180
with his space walk white a shoot in a
dominant serve american space technology

52
00:03:29,180 --> 00:03:32,219
that has continued beyond that first job

53
00:03:32,219 --> 00:03:35,689
to the moon to Skylab

54
00:03:35,689 --> 00:03:41,079
the shuttle program servicing hubbell
building the international space station

55
00:03:41,080 --> 00:03:46,000
today station much like the Gemini
program at the nineteen sixties

56
00:03:46,000 --> 00:03:49,900
stands as part a proving ground for the
next giant leap

57
00:03:49,900 --> 00:03:53,430
as we journey to Mars and white

58
00:03:53,430 --> 00:03:56,550
is a name that will for ever ring in
human history

59
00:03:56,550 --> 00:04:04,300
and it was scared that said thunder

60
00:04:04,300 --> 00:04:14,910
I'm

61
00:04:14,909 --> 00:04:18,480
ladies and gentlemen our first speaker
this afternoon currently serves as the
director

for safety and mission assurance Johnson Space Center

he is a West Point graduate who began his career with nasa in 1987 as a space shuttle vehicle test engineer and became an astronaut a few years later he is a veteran of four space flights logging more than 224 days in space ladies and gentlemen please welcome retired Army Colonel William macarthur thanks arts para this bear joke as want Carl borman honored guests the ambassador of exploration award recognizes a sacrifice and dedication up the Apollo Gemini and mercury
each astronaut or their surviving families a lunar sample to be publicly displayed

in their name to help inspire a new generation of explorers

and whites award is part of the 842 pounds of moon rocks and

and soil return during the six lunar expeditions from 1969 to 1972

and for this award specifically on Apollo 15

as a first American to walk in space

had idiots 21-minute EVA inspire those who followed in his footsteps

simply stated fifty years ago today

he proved that human beings can operate in the airless weightless environment of space a
capability a sensual if we'll

87
00:06:00,319 --> 00:06:04,139
aspire to explore work in live beyond
the surface

88
00:06:04,139 --> 00:06:09,560
of our planet more than that he proved
that the capability of men and women

89
00:06:09,560 --> 00:06:13,079
to meet and conquer daunting challenges
is boundless

90
00:06:13,079 --> 00:06:16,209
says at historic event fifty years ago

91
00:06:16,209 --> 00:06:20,479
the history of the US space flight
includes 231

92
00:06:20,480 --> 00:06:24,009
additional EVA's extra vehicular
activities

93
00:06:24,009 --> 00:06:28,659
and counting on and counting

94
00:06:28,660 --> 00:06:32,570
building from its first spacewalk we now
have an international space station

95
00:06:32,569 --> 00:06:36,899
that is our springboard to the rest to
the solar system construction of the

96
00:06:36,899 --> 00:06:42,079
International Space Station has required
astronauts to spend more than 900 hours

97
00:06:42,079 --> 00:06:46,069
on a 140 spacewalks outside the station

98
00:06:46,069 --> 00:06:50,000
assembling the most complex
international scientific

99
00:06:50,000 --> 00:06:54,800
and engineering project in human history
and the largest structure

100
00:06:54,800 --> 00:06:59,930
that humans have ever put into space
before my first spacewalk my daughters

101
00:06:59,930 --> 00:07:00,610
asked

102
00:07:00,610 --> 00:07:04,180
day and are you scared I said no tears

103
00:07:04,180 --> 00:07:08,240
how can I be scared when I can stand on
the shoulders of giants

104
00:07:08,240 --> 00:07:11,490
and it was a consummate

105
00:07:11,490 --> 00:07:14,870
astronaut so skilled and confident that
his main concern

106
00:07:14,870 --> 00:07:21,019
was at his time outside was too short
here mark at the end of the space walk

107
00:07:21,019 --> 00:07:24,500
I'm coming back in and that's the
saddest moment of my life

108
00:07:24,500 --> 00:07:28,620
it's fitting that it whites in Bastrop
expression Ward

109
00:07:28,620 --> 00:07:32,629
recognizing the sacrifices and
dedication at the Apollo Gemini and

110
00:07:32,629 --> 00:07:33,909
Mercury astronauts
should reside here at West Point an institution dedicated to the highest ideals of our nation and bastard exploration

a title so appropriate for astronaut Edward H white

West Point class a 52 thank you

we will now hear from the 59th superintendent at the United States Military Academy

please welcome lieutenant-general Robert Caslon junior

and very much larger

or good afternoon walk in the West Point it's a pleasure to have you all here

today as we on one of our graduates and a great american for his historic achievements

person like to thank all bill mcarthur for those great remarks
no thank you very much in our interview with us here today but also like to
distinct guests that we have here today
will find more min West Point class in nineteen
51 the original nine project gemini astronauts who
was compiled for Germany 7 commander apollo eight sir great to have you with
us
miss bunny bear NY storm am
wonderful to have you with us as well half-century ago space
was the new frontier we look skyward and dreamed of flying a rocket ship to the
remember president kennedy's challenge to the nation
that we would land a man on the moon before the end of the 1960s

we were fascinated by the adventures of science fiction characters like Flash Gordon and Buck Rogers in the starship crew they would boldly go where no man has gone before every kid’s dream to being an astronaut

they were our childhood heroes they were the new pioneers

the democrat-led why was one of those pioneers that set up in this new frontier and it was fifty years ago today

he became the first American to do what many had only dreamed up to walk among the stars grew up in a

with a level flight in fact one could argue that

line was in his blood if bob his father was a West Point graduate the class in
rose to the rank of major general in the air force and was considered as a pioneer in aeronautics he started his career as a balloon airship pilot their word pilot various models appear crack during his career as youth while the kids were flying model airplanes it was flying actual airplanes edge dad would take them up in the old t-6 take control take control the controls junior was say that it felt like the most natural thing in the world to do they would learn to more than how to fly planes as you he also learned the dyes have self-discipline a persistence and single-minded dedication
perhaps the greatest lesson he learned from his parents was this:

to set a goal believe in your heart and soul that you can achieve it.

and then work to accomplish these lessons would go a long way in earning

an appointment to West Point

and following in his father's as I was put steps as a military family because a

and white moved around so often

they didn't have the a permanent residents and most didn't have a

congressman to appoint at West Point but that didn't stop him

so he and his words call when up and down the halls of congress not going on

all the doors

his persistence paid off in your new appointment

as an at large pointy well that was point
it starred as a half back on the soccer
team excelled as a hurdler

on the track team setting a West Point
record in the 400-meter hurdles

he would even compete for a spot in the
1952 United States Olympic track team

missing making the team by one tenth of
a second

here also meet his future wife Patricia
after graduating from West Point in

earning his wings as an Air Force pilot

it headed to Germany for duty as a pilot
flying F 86 savers

in the new f-100 super SES say Burton
supported nato

during that time after reading an
article he decided that he wanted to

become an astronaut

remember roaming lessons is pierced
autumn

he set a goal believed you could do it
and any work to accomplish
after assignment in germany and earn a master's degree in aeronautical engineering.

completed the air force's test pilot school and reported to wright-patterson Air Force Base in Ohio as an experimental test pilot.

by this time the seven astronauts selected for the United States first manned space program project mercury were in training and as a test pilot at lewd large cargo planes used to provide periods of weightlessness for these astronauts in training to include men like John Glenn in that the slain in 1962.

nasa select the second group Avaaz not sports next space program which was project gemini nine new astronauts first letter from a group for
more than two hundred applicants

and among these nine national not firm
great men like

Neil Armstrong and Frank Borman Jim
Lovell

in at one after months of training

it was selected as a pilot project many
poor with fellow last night Jim

McDivitt as the command power their
original mission

plan was designed to show that it was
possible for humans to remain in space

for extended periods of time

up to that point along this American man
blight

was Gordon Cooper's 34 hour mark reply

may have 1963 McDivitt in whites mission
was scheduled to last

four days about three months before
germany fours launch
Russian cosmonaut became the first man to blow in space

so Nassau or revise the mission plan is Edward

then be slated to perform an extra vehicular activity a spacewalk

using a newly developed sue and special hand-held unit that would allow

him to propel himself while performing maneuvers outside the space craft

this equipment was so new it was still on the drawing board when Germany fours

regional flight plan was introduced

it wasn't certified for use in space until 10 days

before launch but it was determined

he set a goal to be the first man to propel himself

not just simply flow in space and he spent countless hours practicing

in a pressure chamber preparing himself for the mission finally after months of
preparation

why in McDivitt border Germany for lift off on the morning of june third

nineteen sixty-five

less than five hours later as Jimmy for orbited the Earth passing Boca y

and white left the confines of the spacecraft

and took his first step on the historic walk in space

for the next 20 minutes millions of people back on earth were glued to their TVs

and radios listening to white McDivitt conduct their mission

it would describe feeling very little disoriented

or cessation up speed even though Germany for was traveling at more than

17,000 miles per hour but the earth
it uses handheld proportion I unity a

on his walk until it ran out of fuel and then you relied on this tether
to maneuver himself all the while capturing spectacular images above the
earth on this camera soon the flight director ordered
while back into the space craft and America's first walk in space came to a close
why commented I'm coming back in
and this is the saddest moment of my life at White achieved
when it set out to do he became the first man to repulse of the space
with the space walk lasting twice as long
as russian's first EVA four days sixty six orbits and more than 1.6 million
miles later wider McDivitt splashed down in the Atlantic bring in Germany for

00:15:49,679 --> 00:15:51,528
mission to a successful completion

00:15:51,528 --> 00:15:55,870
after the Gemini poor mission it was selected as senior power for the first

00:15:55,870 --> 00:15:58,198
flight nasa's new Apollo program

00:15:58,198 --> 00:16:01,929
joining astronauts Gus Grissom in Roger Chapin

00:16:01,929 --> 00:16:07,250
and tragically however on January 27 1967

00:16:07,250 --> 00:16:11,620
a fire broke out in the command module during a test to the spacecraft

00:16:11,620 --> 00:16:16,490
and altering the screaming were killed a cape canaveral at the site where apollo

00:16:16,490 --> 00:16:18,149
one tragedy took place

00:16:18,149 --> 00:16:23,090
there are two memorial plaques one plaque includes the land phrase

00:16:23,090 --> 00:16:26,740
astra per hospital which means a row

00:16:26,740 --> 00:16:29,879
rough rough road leads

00:16:29,879 --> 00:16:34,059
to the stars every road to a new frontier has challenges
in space is no exception but that road was paved with the
personal character the courage the soap the service and sacrifice
and attributes and we try to instill here West Point these
the early pioneers pioneers like Dwight and Frank Borman whose achievements are the mile markers
along that road and it's fitting that today on the fiftieth anniversary
love this historic achievement in space that we honor and white
his legacy serves as a reminder when you set a goal in believe you can do it
you can accomplish anything even step out and touch the stars
in closing I would like to thank Nassau for ongoing
colonel white with the ambassador of exploration award
in the white family for graciously allowing us to display the moon rock

00:17:22,740 --> 00:17:26,049
at the West Point museum to serve as a reminder 'em

00:17:26,049 --> 00:17:30,740
his personal character in achievement and to perhaps incurred someone else to

00:17:30,740 --> 00:17:31,390
set up

00:17:31,390 --> 00:17:34,950
and plan a new marker along the road to a new front year

00:17:34,950 --> 00:17:46,830
thank you very much

00:17:46,829 --> 00:18:00,589
ladies and gentlemen please welcome the daughter lieutenant-colonel way

00:18:00,589 --> 00:18:04,849
miss bunny bear I am delighted and proud to be here today

00:18:04,849 --> 00:18:09,329
honoring my father Edward Higgins right this second I would like to thank

00:18:09,329 --> 00:18:13,399
for green writing this very special day and many thanks to Jeffrey Reynolds

00:18:13,400 --> 00:18:14,769
Brian maker

00:18:14,769 --> 00:18:18,500
Jesse Hernandez Norma normandy nor
normandy

280 00:18:18,500 --> 00:18:22,099
Cyndi Steele and Chris Brown and also
Brett of ACN

281 00:18:22,099 --> 00:18:25,469
for planning organizing and making this
day every hour D

282 00:18:25,470 --> 00:18:28,519
I so appreciate and thank colonel
william mcarthur

283 00:18:28,519 --> 00:18:32,710
as about fellow space walker and West
Point graduate for being here to honor

284 00:18:32,710 --> 00:18:34,430
my father and his accomplishments

285 00:18:34,430 --> 00:18:38,600
I'm also explain extremely pleased to
have Colonel Frank Borman

286 00:18:38,599 --> 00:18:42,689
a very close family friend to share in
this tribute to my dad

287 00:18:42,690 --> 00:18:45,970
thank you to my dads West Point
classmates

288 00:18:45,970 --> 00:18:49,230
my family and friends who have traveled
here to be here today as well

289 00:18:49,230 --> 00:18:54,400
since hearing about the ambassador space
extoration award back in 2004

290 00:18:54,400 --> 00:18:58,080
has been the hope that my brother at
right to third and I that we would be
able to display them in rock

dedicated to my father here at West Point as a second generation West Point graduate from the class of 1952

and a huge patriot the important sad duty honor country and other West Point ideals for some other foundations at my father's like as general mcpeak Douglas MacArthur

famously quoted these ideals would dictate what you ought to be what you can be and what you will be as with everything is like my father stressed the importance of setting a goal believing in your heart and soul that you can achieve it and then working to accomplishment company shit a father had a great lad and respect for West Point
and in fact had planned to return back here and teach once he had left the astronaut program

he understood the huge impact attending a school like West Point can have on a young person so he wanted to be a leader and to have his life be an inspiration to others as water

walter cronkite stated the conquest of space an ultimate man landing as one of our country's finest am proudest achievement

the journey and ultimate success at the space rent's will be talked about Penske's me and celebrated for many years to come

%um today Thursday June 3rd could not be more perfect day as this marks the fiftieth anniversary of my father's famous
Spacewalk he was the first American to walk in space and the first person to maneuver using the South preparing can where he used his great athletic skills.

Progress taken on his historic spacewalk some the most banks you ever taken excuse me.

I recently watched footage at the gym any permission and I'm still astounded what nasa.

And Jim McDevitt in my father were able to accomplish each to the Mercury Gemini.

And Apollo flights were an important stepping stone towards reaching the final government land a man on the main

It's for help have my brother and I hit by displaying grim our fathers men rock here at West Point it will get inspiration to all who view it.

to dream big to reach for the stars and
to do what it takes to power here to eat

00:21:07,599 --> 00:21:19,509
thank you

00:21:19,509 --> 00:21:20,359
the nasa

00:21:20,359 --> 00:21:24,399
ambassador exploration award recognizes
the sacrifices

00:21:24,400 --> 00:21:29,040
dedication at the Apollo Gemini and
mercury astronauts

00:21:29,039 --> 00:21:33,750
each astronaut or their surviving
families is presented a lunar sample

00:21:33,750 --> 00:21:36,839
part at the 842 pounds

00:21:36,839 --> 00:21:41,049
a moon rock and soil returned during sex
lunar expeditions

00:21:41,049 --> 00:21:46,480
from 1969 to 1972 an inscription
describes the rock

00:21:46,480 --> 00:21:49,539
ass a symbol up the Unity

00:21:49,539 --> 00:21:53,490
up human endeavor and mankind's hope for
a future

00:21:53,490 --> 00:21:56,789
apiece and harmony at this time

00:21:56,789 --> 00:22:00,289
general Casslyn and missus bear will
unveil
colonel whites ambassador exploration award

which the white family has graciously loaned to the West Point museum

to serve as a reminder kernel weight achievements and his historic space walk