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THE WHITE HOUSE

Office of the Press Secretary
(Kingsville, Texas)

For Immediate Release

May 11, 1990

REMARKS BY THE PRESIDENT
IN TEXAS A & I COMMENCEMENT ADDRESS

Javelina Stadium
Kingsville, Texas

11:45 A.M. CDT

THE PRESIDENT: Thank you, Mr. Secretary. Thank you all. What a great day. Thank you. Thank you very, very much for that welcome back, and good luck to all of you. Please be seated. What a privilege for me to be introduced by our great Secretary of Education Lauro Cavazos. We work closely on these problems, but I guess it was a wonderfully emotional return today as we flew into this city in which he grew up -- to see the excitement on his face and on his wife's face -- and I felt a real part of this coming home for our great Secretary.

I want to thank your President -- I can call him "the" President -- President Ibanez, because Barbara and I had the chance to greet him in the White House but six days ago and here he is, greeting me on his home turf. And I'm delighted, sir, to be with you.

I want to pay my respects Chancellor Adkisson, the Chancellor of the whole system; of course, to our Governor, my old, close friend, Bill Clements; and to our two outstanding United States Senators, Senator Gramm and Senator Lloyd Bentsen -- doing a fantastic job for our state. (Applause.) And, of course, I'm proud to be in the home turf of Congressman Ortiz, Solomon Ortiz, who flew down with me -- also your Congressman, the Congressman for many here. (Applause.) And another old friend of the Bush family, a distinguished Chairman in the House, Kika de la Garza, Congressman from Texas and South Texas. (Applause.)

And, of course, to be introduced by another old friend -- it seems like old-home week here -- but Billy Mac McKenzie, the Chairman of the whole system here. Thank you, Billy Mac. And to Tony Armendariz, who's with me, came down -- a South Texan, now a member of my team at the Federal Labor Relations Authority. He was formerly a general counsel of A & I.

And then, also another hometown boy of whom I'm very proud -- David Valdez, a Kingsville favorite son. He's a photo dog, we call him. He's the head photographer at the White House. (Applause.) I just met with his family -- that's the family that's filling up that whole bleacher over on that side there. (Laughter.) So glad to see them.

But anyway, it's a pleasure to be back here in my home state of Texas. Congratulations also to those of you up there who paid the bills -- all the families, the friends and especially to the faculty of this great, outstanding institution. Thank you all. (Applause.)

And now, belatedly, I get to the main act -- the Texas A & I Class of 1990. Go for it. I'm delighted to be here. (Applause.)

You know, when President Ibanez first contacted us about A & I's graduation, he called my son, George, Jr., up there in Dallas

MORE

at the Texas Rangers Stadium, and he said that you wanted to hear a speech from a reasonably popular but aging Texan who has risen to the top of his field. And George says, "Does that mean you're inviting Nolan Ryan?" (Laughter.)

So I'm second choice, but I'm honored to be in the home of the legendary Javelinas -- (applause) -- the wild hogs. And I'm deeply honored to be speaking from the hallowed space on the playing field usually reserved for "Porkey." (Laughter.) But I haven't seen the mascot today. I think he got the word that we eat pork rinds there on Air Force One. (Laughter.)

Javelinas aren't the only wildlife native to these parts. The mesquite outside Kingsville is shot through with rattlesnake and deer, and doves rise on the warm Gulf winds, soaring over the trees and the red tile roofs of Texas A & I. And South Texas is a very special place for the Bush family. I come down here nearly every December with friends, hunt just outside of Beeville -- Berclair, to be exact. And let's hear it for the Berclair contingent -- there's got to be at least one. (Applause.) And as your President referred to, when I was an 18-year-old Naval Aviation cadet way back in 1943, I flew all over this country -- Corpus and Cabiness and Waldron and Kingsville -- and I loved every single minute of it. So I do feel at home.

The reputation of the area is changing. When I told Barbara that I was flying down to South Texas to talk with college students and see the wildlife, she said, "Aren't you getting a bit old to be going to South Padre for Spring Break?" (Laughter.)

But like springtime itself, college commencements signal a time of change. Last week at Oklahoma State University, I spoke about America's new leadership in the Atlantic Alliance. Tomorrow morning up at South Carolina, we'll be talking about change among the people of Eastern Europe -- people yearning to emulate not only our standard of living, but also our standard of justice.

But democracy isn't just the wave of the present, it's the wave of the future. And as your generation assumes a leadership role in a free world that's growing bigger all the time, others will continue to look to our shores for leadership and direction. I have proposed that one of those directions be space.

The American adventure has always had the capacity to inspire others -- and to astonish the world. The voyages of Columbus. The Declaration of Independence. The taming of a continent. The invention of flight.

America's democracy is the world's greatest experiment in freedom and diversity, an ongoing experiment that continues to unleash the creative energy of the world's most diverse population. It's what took American pioneers to the Moon and back. It is what will take you as far as your dreams can soar.

Like Texas itself, A & I is also a place of pioneers. The first four-year college in South Texas. A leader in bilingual education, with the first such doctoral program in the United States. Home to research and innovations from natural gas engineering to snake venom to Rio Star grapefruit. And many of you are yourselves pioneers -- the first in your families ever to attend college.

In America's unique democratic heritage, our pioneers commissioned themselves -- and took off. We are a searching people, future-oriented, impelled to push on. After graduating from my college I took my family out west, looking for a country to test ourselves and our dreams. We found it in Texas, with enough opportunities to last many lifetimes.

Of course, Texas has always had its share of pioneers and visionaries. One was Sam Houston. Where others saw empty plains and dust, he saw farms and ranches and towns. Where others saw obstacles, he saw opportunity.

But Houston could scarcely have imagined that little more than a hundred years after his death, the entire planet would hold its breath as his name became the first word ever uttered on the plains and dust of another world.

It was July 20, 1969. And although Apollo 11 had just survived one of the most harrowing landings in the history of space, the voice of Neil Armstrong was confident, strong, American. He said, "Houston: Tranquility Base here. The Eagle has landed." Eight words. "Houston: Tranquility Base here. The Eagle has landed." Eight words and the world was changed forever.

And when America accepted the Apollo challenge, we rolled up our sleeves and took on a daunting and dangerous job. Apollo 11 showed we could meet our commitments to ourselves and to the world; proof that democracy could triumph as decisively in peace as it had in war. And it lifted the spirits of a generation and raised forever the horizons of the human race.

Last summer, in a speech commemorating the 20th anniversary of the Apollo Moon landing, I announced three major space policy objectives: First, to have Space Station Freedom up before the century is out. Second, for the new century, a permanent lunar base: "Back to the Moon, back to the future -- and this time -- back to stay." And third, a manned expedition to Mars.

And together, these objectives form the cornerstone of my administration's far-reaching plan for investing in America's future. Our space program will indeed help rekindle public interest in science and mathematics, revitalize an area of our educational system that has become disturbingly weak. In fact, one of the education goals that Dr. Cavazos referred to, one that we announced in January, is to make the United States first in math and science by the year 2000. But this space program will do more. It will revolutionize everything from computers to communications, from medicine to metals, regaining and retaining America's high-tech competitive edge. It will create new technologies, new industries, and new jobs.

It's an adventure that I hope many of you will be part of. You see, it's an adventure that's already underway. The Space Shuttle is back and ushering in a new era of space. And it's led by a talented new generation. Scientists like A & I Professor John Linder who is working here to improve Shuttle communications. Shuttle engineers like Ruben Zabala, A & I Class of 1977; avionics experts like Primitivo Perez, the Class of 1971. And new American heroes like Franklin Chang-Diaz, NASA's first Hispanic astronaut.

You are coming of age during a golden age of space. And there's no better example of this than the miracle now orbiting 380 miles above Kingsville, the Hubble Space Telescope. It will see to the furthest reaches of the universe, to the very edges of time. It will, quite literally, even enable astronomers to see back in time; perhaps far enough back to when the Dallas Cowboys last had a winning season. (Laughter.) You talk about history. (Laughter and applause.)

And it's hoped that the telescope will see objects so clearly that, in theory, it could pick out the writing on a dime, 100 miles away. Talk about the "Vision Thing."

Even while Galileo and Hubble begin looking out across space, another array of new satellites will be looking back at Earth and taking the pulse of the most important planet in the universe. You may remember a couple years back when Time magazine named Earth "Planet of the Year." And the comedian -- you remember Jay Leno the comedian, he said: "What did you expect? All the judges came from Earth." (Laughter.)

We call this initiative, "Mission to Planet Earth." It's an effort of such magnitude that it dwarfs everything in the past. A worldwide study of the complex interactions between land, sea, ice

and air, as well as between the Earth and the Sun. It's an effort of global interest in which we're inviting other nations to join. As Chairman of the National Space Council, the Vice President has just returned from Europe where our allies expressed serious interest in both Mission to Planet Earth and in our continuing exploration of the Solar System.

Initiatives like these mark a critical investment in America's future. They will help protect the environment, fuel an educational renaissance and hone America's competitive edge.

But the importance of the space program -- especially the manned space program -- goes deeper than that. Throughout our history, America has been a nation of discoverers. It's a part of our national character, part of our democratic heritage. In fact, Monday marks the day in 1804 when Meriwether Lewis and William Clark set out across the Mississippi to map much of what was to become the great American West. And despite Thomas Jefferson's love of machines, it's hard to imagine his sending a robot out alone to describe the wonders of the American Rockies and the Pacific Coast. In the American experiment -- in the experiment called democracy -- there will always be a place for individual men and women with imagination and daring.

Our nation's quest for the unknown took American pioneers from the bluffs of the Mississippi to the mountains of the Moon. But today, we're no longer just asking for the Moon. We've been there. We're looking further, to carry the American adventure to wherever opportunity, curiosity, and need will take us.

It's time to open up the final frontier. There can be no turning back. America's space program is what civilization needs to begin this journey, and to perfect the commitment to go beyond. Each time we go to the frontier and beyond, we bring back more than we hoped for. This time we have the chance to bring back more than we can possibly imagine.

Our 1991 budget is proof positive of America's commitment to an active, exciting and continuing presence in space -- to America's leadership in space. Our proposal of \$15.2 billion for NASA, an increase of 24 percent -- almost \$3 billion -- which is the largest increase for any major agency of the government.

But leadership in space takes more than just dollars. It also takes a decision. And so I'm announcing one today.

We stand at a halfway point in our exploration of the immediate solar system -- the planet Earth, its Moon, and the terrestrial neighborhood. Thirty years ago, NASA was founded and the space race began. And 30 years from now -- I believe man will stand on another planet. And so I am pleased to return to Texas today to announce a new Age of Exploration, with not only a goal but also a timetable: I believe that before Apollo celebrates the 50th anniversary of its landing on the Moon -- the American flag should be planted on Mars.

Up beneath the dome of the United States Capitol -- where decisions about our space program will be made in the coming weeks -- the American adventure is told in stone, a tableau of U.S. history carved around the rim of the dome itself. It begins with Columbus' arrival in the New World -- and ends with the first flight of the Wright brothers' plane.

But, you see, they got it wrong. The Wright brothers flight doesn't mark the end of the American adventure -- but the beginning of a new chapter -- a never-ending story -- a story about a democracy where anything is possible, and where no dream is too large.

We live in a century that began with great promise and hope for the idea we call democracy, then only beginning to assume an important place on the world stage. That hope has been fulfilled --

and surpassed -- beyond the wildest dreams of our founders. And the promise of democracy is beginning to be tasted by more people in more places than ever before. It's their inspiration. And it's our strength. Our heritage. And our future.

And so as this century closes, it is in America's hands to help determine the kind of people, the kind of planet, we will become in the next. We will leave the Solar System and travel to the stars. Not only because it is democracy's dream. But because it is democracy's destiny.

Around campfires, by moonlight and starlight across the ages, men and women have turned their gaze skyward and dreamed an ancient dream. And somewhere in America today, maybe right here in this stadium, there is a young man or woman who, like Neil Armstrong, will seize this dream and change the world for all time. I believe, I truly believe, that the Class of '90 will leave footprints not only in the sands of our state, in the sands of Texas -- but also in the sands of time -- and ultimately on the plains of Mars.

You who have lived this past four years in Kingsville know a lot about the sky. The plains of South Texas are as flat as the sea -- a land without hills or impediments, a land of limitless horizons and dreams to match. It is exactly the kind of night-time sky where the cream of American's youth -- the cream of Texas A & I -- can point confidently to the stars -- to eternity -- and to their own future, the future of this great Nation, and the future of free people everywhere.

America is proud of you. We are proud of your families. And I came here to say congratulations, and thank you, and God bless the United States. (Applause.)

END

12:06 P.M. CDT

TEXAS A & I COMMENCEMENT
KINGSVILLE, TEXAS
FRIDAY, MAY 11, 1990, 11:00 A.M.

THANK YOU, *Chancellor Addison* SECRETARY CAVAZOS. PRESIDENT IBANEZ
(EE-BAHN-YEZ). GOVERNOR CLEMENTS, SENATORS GRAMM AND BENTSEN,
CONGRESSMEN ORTIZ AND DE LA GARZA. MY FRIEND BILL MCKENZIE.

TONY ARMENDARIZ -- A SOUTH TEXAN NOW A MEMBER OF MY TEAM
AT THE FEDERAL LABOR RELATIONS AUTHORITY. (FORMER GENERAL
COUNSEL OF TEXAS A & I.)

((DAVID VALDEZ -- A KINGSVILLE FAVORITE SON. PHOTO DOG
PAR EXCELLENT, ALWAYS AT MY SIDE -- (HOPEFULLY MY GOOD SIDE.)))

IT'S ALWAYS A PLEASURE TO BE BACK IN MY HOME STATE OF
TEXAS.

CONGRATULATIONS ALSO TO THE FAMILIES, FRIENDS, AND
FACULTY OF THESE STUDENTS, AND MOST OF ALL -- THE TEXAS
A & I CLASS OF 1990.

WHEN PRESIDENT IBANEZ (EE-BAHN-YEZ) FIRST CONTACTED US
ABOUT A & I'S GRADUATION, HE CALLED MY SON, GEORGE, JR., UP
AT TEXAS RANGERS STADIUM, AND SAID THAT YOU WANTED TO HEAR A
SPEECH FROM A POPULAR BUT AGING TEXAN WHO HAS RISEN TO THE TOP
OF HIS FIELD. GEORGE SAID: "DOES THAT MEAN YOU'RE INVITING
NOLAN RYAN?" ///

BUT I'M HONORED TO BE IN THE HOME OF THE LEGENDARY JAVELINAS [[HAV-UH-LEE-NUHS]] -- THE WILD HOGS. AND I'M DEEPLY HONORED TO BE SPEAKING FROM THE HALLOWED SPACE ON THE PLAYING FIELD USUALLY RESERVED FOR "PORKY." \\\

BUT I HAVEN'T SEEN YOUR MASCOT TODAY. GUESS HE HEARD WE KEEP AIR FORCE ONE STOCKED WITH BARBECUED PORK-RINDS! \\\

JAVELINAS AREN'T THE ONLY WILDLIFE NATIVE TO THESE PARTS. THE MESQUITE OUTSIDE KINGSVILLE IS ALSO SHOT THROUGH WITH RATTLE-SNAKE AND DEER. DOVES RISE ON THE WARM GULF WINDS, SOARING OVER THE PALMS AND RED-TILE ROOFS OF TEXAS A & I. AND SOUTH TEXAS IS A SPECIAL PLACE FOR THE BUSH FAMILY. WE COME DOWN NEARLY EVERY DECEMBER TO VISIT FRIENDS AND HUNT JUST OUTSIDE BEEVILLE -- BERCLAIR, TO BE EXACT. WHEN I WAS AN 18-YEAR-OLD NAVAL AVIATION CADET WAY BACK IN 1943, I FLEW ALL OVER THIS COUNTRY, AND I LOVED IT.

(BUT THE REPUTATION OF THE AREA IS CHANGING. WHEN I TOLD BARBARA I WAS FLYING DOWN TO SOUTH TEXAS TO TALK WITH COLLEGE STUDENTS AND SEE THE WILDLIFE, SHE SAID: "AREN'T YOU GETTING A BIT OLD TO BE GOING TO SOUTH PADRE FOR SPRING BREAK?") \ \ \

LIKE SPRINGTIME ITSELF, COLLEGE COMMENCEMENTS SIGNAL A TIME OF CHANGE. LAST WEEK, AT OKLAHOMA STATE, I SPOKE ABOUT AMERICA'S NEW LEADERSHIP ROLE IN THE ATLANTIC ALLIANCE. TOMORROW MORNING, AT SOUTH CAROLINA, WE'LL BE TALKING ABOUT CHANGE AMONG THE PEOPLE OF EASTERN EUROPE -- PEOPLE YEARNING TO EMULATE NOT ONLY OUR STANDARD OF LIVING -- BUT ALSO OUR STANDARD OF JUSTICE. \ \ \

BUT DEMOCRACY ISN'T JUST THE WAVE OF THE PRESENT -- IT'S THE WAVE OF THE FUTURE. AND AS YOUR GENERATION ASSUMES A LEADERSHIP ROLE IN A FREE WORLD THAT'S GROWING BIGGER ALL THE TIME -- OTHERS WILL CONTINUE TO LOOK TO OUR SHORES FOR LEADERSHIP AND DIRECTION. I HAVE PROPOSED THAT ONE OF THOSE DIRECTIONS BE SPACE. \ \ \

THE AMERICAN ADVENTURE HAS ALWAYS HAD THE CAPACITY
TO INSPIRE OTHERS -- AND TO ASTONISH THE WORLD. THE
VOYAGES OF COLUMBUS. THE DECLARATION OF INDEPENDENCE.
THE TAMING OF A CONTINENT. THE INVENTION OF FLIGHT.

\\

AMERICA'S DEMOCRACY IS THE WORLD'S GREATEST
EXPERIMENT IN FREEDOM AND DIVERSITY, AN ONGOING
EXPERIMENT THAT CONTINUES TO UNLEASH THE CREATIVE
ENERGIES OF THE WORLD'S MOST DIVERSE POPULATION. IT IS
WHAT TOOK AMERICAN PIONEERS TO THE MOON AND BACK. IT
IS WHAT WILL TAKE YOU AS FAR AS YOUR DREAMS CAN SOAR.

LIKE TEXAS ITSELF, A & I IS ALSO A PLACE OF
PIONEERS. THE FIRST FOUR-YEAR COLLEGE IN SOUTH TEXAS.
A LEADER IN BILINGUAL EDUCATION, WITH THE FIRST SUCH
DOCTORAL PROGRAM IN THE U.S. HOME TO RESEARCH AND
INNOVATIONS FROM NATURAL GAS ENGINEERING TO SNAKE VENOM
TO THE RIO STAR GRAPEFRUIT. AND MANY OF YOU ARE
YOURSELVES PIONEERS -- THE FIRST IN YOUR FAMILIES EVER
TO ATTEND COLLEGE.

IN AMERICA'S UNIQUE DEMOCRATIC HERITAGE, OUR PIONEERS WERE NOT COMMISSIONED BY KINGS. OUR PIONEERS COMMISSIONED THEMSELVES -- AND TOOK OFF! WE ARE A SEARCHING PEOPLE, FUTURE-ORIENTED, IMPELLED TO PUSH ON. AFTER GRADUATING COLLEGE I TOOK MY FAMILY WEST, LOOKING FOR A COUNTRY TO TEST OURSELVES AND OUR DREAMS. WE FOUND IT IN TEXAS, WITH ENOUGH OPPORTUNITIES TO LAST MANY LIFETIMES.

OF COURSE, TEXAS HAS ALWAYS HAD ITS SHARE OF PIONEERS AND VISIONARIES. ONE WAS SAM HOUSTON. WHERE OTHERS SAW EMPTY PLAINS AND DUST, HE SAW FARMS, AND RANCHES, AND TOWNS. WHERE OTHERS SAW OBSTACLES, HE SAW OPPORTUNITY.

BUT HOUSTON COULD SCARCELY HAVE IMAGINED THAT, LITTLE MORE THAN A HUNDRED YEARS AFTER HIS DEATH, THE ENTIRE PLANET WOULD HOLD ITS BREATH AS HIS NAME BECAME THE FIRST WORD EVER UTTERED ON THE PLAINS AND DUST OF ANOTHER WORLD. \\\

IT WAS JULY 20, 1969. AND ALTHOUGH APOLLO 11 HAD JUST SURVIVED ONE OF THE MOST HARROWING LANDINGS IN THE HISTORY OF SPACE, THE VOICE OF NEIL ARMSTRONG WAS CONFIDENT, STRONG, AMERICAN. HE SAID: "HOUSTON: TRANQUILITY BASE HERE. THE EAGLE HAS LANDED." EIGHT WORDS. AND THE WORLD WAS CHANGED FOREVER.

WHEN AMERICA ACCEPTED THE APOLLO CHALLENGE, WE ROLLED UP OUR SLEEVES AND TOOK ON A DAUNTING AND DANGEROUS JOB. APOLLO 11 SHOWED WE COULD MEET OUR COMMITMENTS TO OURSELVES AND TO THE WORLD -- PROOF THAT DEMOCRACY COULD TRIUMPH AS DECISIVELY IN PEACE AS IT HAD IN WAR. IT LIFTED THE SPIRITS OF A GENERATION, AND RAISED FOREVER THE HORIZONS OF THE HUMAN RACE.

LAST SUMMER, IN A SPEECH COMMEMORATING THE 20TH ANNIVERSARY OF THE APOLLO MOON LANDING, I ANNOUNCED THREE MAJOR SPACE POLICY OBJECTIVES: FIRST, TO HAVE SPACE STATION FREEDOM UP BEFORE THE CENTURY IS OUT. SECOND, FOR THE NEW CENTURY, A PERMANENT LUNAR BASE: "BACK TO THE MOON, BACK TO THE FUTURE -- AND THIS TIME -- BACK TO STAY." AND THIRD, A MANNED EXPEDITION TO MARS. \ \ \

TOGETHER, THESE OBJECTIVES FORM THE CORNERSTONE OF MY ADMINISTRATION'S FAR-REACHING PLAN FOR INVESTING IN AMERICA'S FUTURE. OUR SPACE PROGRAM WILL HELP REKINDLE PUBLIC INTEREST IN SCIENCE AND MATHEMATICS, AND REVITALIZE AN AREA OF OUR EDUCATIONAL SYSTEM THAT HAS BECOME DISTURBINGLY WEAK. IN FACT, ONE OF THE EDUCATION GOALS WE ANNOUNCED IN JANUARY IS TO MAKE THE UNITED STATES FIRST IN MATH AND SCIENCE BY THE YEAR 2000. BUT OUR SPACE PROGRAM WILL DO MORE. IT WILL REVOLUTIONIZE EVERYTHING FROM COMPUTERS TO COMMUNICATIONS, FROM MEDICINE TO METALS, REGAINING AND RETAINING AMERICA'S HIGH-TECH COMPETITIVE EDGE. IT WILL CREATE NEW TECHNOLOGIES, NEW INDUSTRIES, AND NEW JOBS.

IT'S AN ADVENTURE I HOPE MANY OF YOU WILL BE PART OF. AND IT'S AN ADVENTURE THAT'S ALREADY UNDERWAY. \\\

THE SPACE SHUTTLE IS BACK AND USHERING IN A NEW ERA IN SPACE. AND IT'S LED BY A TALENTED NEW GENERATION. SCIENTISTS LIKE A & I PROFESSOR JOHN LINDER, WHO IS WORKING HERE TO IMPROVE SHUTTLE COMMUNICATIONS. SHUTTLE ENGINEERS LIKE RUBEN ZAVALA, A & I CLASS OF 1977, AND AVIONICS EXPERTS LIKE PRIMITIVO [PRIM-A-TEE-VO] PEREZ, CLASS OF 1971. AND NEW AMERICAN HEROES LIKE FRANKLIN CHANG-DIAZ, NASA'S FIRST HISPANIC ASTRONAUT.

YOU ARE COMING OF AGE DURING A GOLDEN AGE OF SPACE. AND THERE'S NO BETTER EXAMPLE OF THIS THAN THE MIRACLE NOW ORBITING 380 MILES ABOVE KINGSVILLE -- THE HUBBLE SPACE TELESCOPE. IT WILL SEE TO THE FURTHEST REACHES OF THE UNIVERSE, TO THE VERY EDGES OF TIME. (IT WILL, QUITE LITERALLY, EVEN ENABLE ASTRONOMERS TO SEE BACK IN TIME -- PERHAPS FAR ENOUGH BACK TO WHEN THE DALLAS COWBOYS LAST HAD A WINNING SEASON!) \\\

AND IT'S HOPED THAT THE TELESCOPE WILL SEE OBJECTS SO CLEARLY THAT, IN THEORY, IT COULD PICK OUT THE WRITING ON A DIME -- 100 MILES AWAY. \\\ TALK ABOUT THE "VISION THING!" \\\

AND EVEN WHILE GALILEO AND HUBBLE BEGIN LOOKING OUT ACROSS SPACE -- ANOTHER ARRAY OF NEW SATELLITES WILL BE LOOKING BACK AT EARTH -- AND TAKING THE PULSE OF THE MOST IMPORTANT PLANET IN THE UNIVERSE. (YOU MAY REMEMBER A COUPLE YEARS BACK WHEN TIME MAGAZINE NAMED EARTH "PLANET OF THE YEAR." COMEDIAN JAY LENO SAID: "WHAT DID YOU EXPECT? ALL THE JUDGES CAME FROM EARTH!")

WE CALL THIS INITIATIVE "MISSION TO PLANET EARTH." IT'S AN EFFORT OF SUCH MAGNITUDE, IT DWARFS EVERYTHING IN THE PAST -- A WORLDWIDE STUDY OF THE COMPLEX INTERACTIONS BETWEEN LAND, SEA, ICE AND AIR -- AS WELL AS BETWEEN THE EARTH AND THE SUN. IT'S AN EFFORT OF GLOBAL INTEREST, IN WHICH WE'RE INVITING OTHER NATIONS TO JOIN. AS CHAIRMAN OF THE NATIONAL SPACE COUNCIL, THE VICE PRESIDENT HAS JUST RETURNED FROM EUROPE, WHERE OUR ALLIES EXPRESSED SERIOUS INTEREST IN BOTH MISSION TO PLANET EARTH AND IN OUR CONTINUING EXPLORATION OF THE SOLAR SYSTEM.

INITIATIVES LIKE THESE MARK A CRITICAL INVESTMENT IN AMERICA'S FUTURE. THEY WILL HELP PROTECT THE ENVIRONMENT, FUEL AN EDUCATIONAL RENAISSANCE, AND HONE AMERICA'S COMPETITIVE EDGE.

BUT THE IMPORTANCE OF THE SPACE PROGRAM -- ESPECIALLY THE MANNED SPACE PROGRAM -- GOES DEEPER THAN THAT. THROUGHOUT OUR HISTORY, AMERICA HAS BEEN A NATION OF DISCOVERERS. IT IS PART OF OUR NATIONAL CHARACTER -- PART OF OUR DEMOCRATIC HERITAGE. IN FACT, MONDAY MARKS THE DAY IN 1804 WHEN MERIWETHER LEWIS AND WILLIAM CLARK SET OUT ACROSS THE MISSISSIPPI TO MAP MUCH OF WHAT WAS TO BECOME THE GREAT AMERICAN WEST. DESPITE THOMAS JEFFERSON'S LOVE OF MACHINES -- IT'S HARD TO IMAGINE HIS SENDING A ROBOT OUT ALONE TO DESCRIBE THE WONDERS OF THE AMERICAN ROCKIES AND THE PACIFIC COAST. IN THE AMERICAN EXPERIMENT -- IN THE EXPERIMENT CALLED DEMOCRACY -- THERE WILL ALWAYS BE A PLACE FOR INDIVIDUAL MEN AND WOMEN WITH IMAGINATION AND DARING.

OUR NATION'S QUEST FOR THE UNKNOWN TOOK AMERICAN PIONEERS FROM THE BLUFFS OF THE MISSISSIPPI TO THE MOUNTAINS OF THE MOON. BUT TODAY, WE'RE NO LONGER JUST ASKING FOR THE MOON. WE'VE BEEN THERE. WE'RE LOOKING FURTHER, TO CARRY THE AMERICAN ADVENTURE TO WHEREVER OPPORTUNITY, CURIOSITY, AND NEED WILL TAKE US.

IT'S TIME TO OPEN UP THE FINAL FRONTIER. THERE CAN BE NO TURNING BACK. AMERICA'S SPACE PROGRAM IS WHAT CIVILIZATION NEEDS TO BEGIN THIS JOURNEY, AND TO PERFECT THE COMMITMENT TO GO BEYOND. EACH TIME WE GO TO THE FRONTIER AND BEYOND, WE BRING BACK MORE THAN WE HOPED FOR. THIS TIME WE HAVE THE CHANCE TO BRING BACK MORE THAN WE CAN IMAGINE.

OUR 1991 BUDGET IS PROOF POSITIVE OF AMERICA'S COMMITMENT TO AN ACTIVE, EXCITING AND CONTINUING PRESENCE IN SPACE -- TO AMERICA'S LEADERSHIP IN SPACE. OUR BUDGET PROPOSES \$15.2 BILLION FOR NASA, AN INCREASE OF 24 PERCENT -- ALMOST \$3 BILLION -- WHICH IS THE LARGEST INCREASE FOR ANY MAJOR AGENCY OF THE GOVERNMENT.

**BUT LEADERSHIP IN SPACE TAKES MORE THAN JUST
DOLLARS. IT ALSO TAKES A DECISION. AND I'M ANNOUNCING
ONE TODAY.**

**WE STAND AT A HALFWAY POINT IN OUR EXPLORATION OF
THE IMMEDIATE SOLAR SYSTEM -- THE PLANET EARTH, ITS
MOON, AND THE TERRESTRIAL NEIGHBORHOOD. 30 YEARS AGO,
NASA WAS FOUNDED AND THE SPACE RACE BEGAN. AND 30
YEARS FROM NOW -- I BELIEVE MAN WILL STAND ON ANOTHER
PLANET. AND SO I AM PLEASED TO RETURN TO TEXAS TODAY
TO ANNOUNCE A NEW AGE OF EXPLORATION, WITH NOT ONLY A
GOAL BUT ALSO A TIMETABLE: I BELIEVE THAT BEFORE
APOLLO CELEBRATES THE 50TH ANNIVERSARY OF ITS LANDING
ON THE MOON -- THE AMERICAN FLAG SHOULD BE PLANTED ON
MARS. **

**UP BENEATH THE DOME OF THE UNITED STATES CAPITOL
-- WHERE DECISIONS ABOUT OUR SPACE PROGRAM WILL BE MADE
IN THE COMING WEEKS -- THE AMERICAN ADVENTURE IS TOLD
IN STONE, A TABLEAU OF U.S. HISTORY CARVED AROUND THE
RIM OF THE DOME ITSELF. IT BEGINS WITH COLUMBUS'
ARRIVAL IN THE NEW WORLD -- AND ENDS WITH THE FIRST
FLIGHT OF THE WRIGHT BROTHERS' PLANE.**

BUT THEY GOT IT WRONG. THE WRIGHT BROTHERS FLIGHT DOESN'T MARK THE END OF THE AMERICAN ADVENTURE -- BUT THE BEGINNING OF A NEW CHAPTER -- A NEVERENDING STORY -- A STORY ABOUT A DEMOCRACY WHERE ANYTHING IS POSSIBLE, AND WHERE NO DREAM IS TOO LARGE.

WE LIVE IN A CENTURY THAT BEGAN WITH GREAT PROMISE AND HOPE FOR THE IDEA WE CALL DEMOCRACY, THEN ONLY BEGINNING TO ASSUME AN IMPORTANT PLACE ON THE WORLD STAGE. THAT HOPE HAS BEEN FULFILLED -- AND SURPASSED -- BEYOND THE WILDEST DREAMS OF OUR FOUNDERS. AND THE PROMISE OF DEMOCRACY IS BEGINNING TO BE TASTED BY MORE PEOPLE IN MORE PLACES THAN EVER BEFORE. IT IS THEIR INSPIRATION. AND IT IS OUR STRENGTH. OUR HERITAGE. AND OUR FUTURE. \\\

AND SO AS THIS CENTURY CLOSES, IT IS IN AMERICA'S HANDS TO HELP DETERMINE THE KIND OF PEOPLE, THE KIND OF PLANET, WE WILL BECOME IN THE NEXT. WE WILL LEAVE THE SOLAR SYSTEM AND TRAVEL TO THE STARS. NOT ONLY BECAUSE IT IS DEMOCRACY'S DREAM. BUT BECAUSE IT IS DEMOCRACY'S DESTINY. \\\

AROUND CAMPFIRES, BY MOONLIGHT AND STARLIGHT
ACROSS THE AGES, MEN AND WOMEN HAVE TURNED THEIR GAZE
SKYWARD AND DREAMED AN ANCIENT DREAM. AND SOMEWHERE IN
AMERICA TODAY, MAYBE HERE IN THIS STADIUM, THERE IS A
YOUNG MAN OR WOMAN WHO, LIKE NEIL ARMSTRONG, WILL SEIZE
THIS DREAM AND CHANGE THE WORLD FOR ALL TIME. I
BELIEVE, I TRULY BELIEVE, THAT THE CLASS OF '90 WILL
LEAVE FOOTPRINTS NOT ONLY IN THE SANDS OF TEXAS -- BUT
ALSO IN THE SANDS OF TIME -- AND ULTIMATELY ON THE
PLAINS OF MARS. \\\

YOU WHO HAVE LIVED THESE PAST FOUR YEARS IN
KINGSVILLE KNOW A LOT ABOUT THE SKY. THE PLAINS OF
SOUTH TEXAS ARE AS FLAT AS THE SEA -- A LAND WITHOUT
HILLS OR IMPEDIMENTS, A LAND OF LIMITLESS HORIZONS AND
DREAMS TO MATCH. IT IS EXACTLY THE KIND OF NIGHT-TIME
SKY WHERE THE CREAM OF AMERICA'S YOUTH -- THE CREAM OF
TEXAS A AND I -- CAN POINT CONFIDENTLY TO THE STARS --
TO ETERNITY -- AND TO THEIR OWN FUTURE, THE FUTURE OF
THIS GREAT NATION, AND THE FUTURE OF FREE PEOPLE
EVERYWHERE. \\\

AMERICA IS PROUD OF YOU AND YOUR FAMILIES.
CONGRATULATIONS. THANK YOU. AND GOD BLESS THE UNITED
STATES OF AMERICA.

#

THE WHITE HOUSE
WASHINGTON



FACSIMILE TRANSMITTAL SHEET

NUMBER OF PAGES INCLUDING COVER

16

DATE

5/10

TELEPROMPT

TO

FRANK BROWN + OPERATOR

FAX NUMBER

512-592-7832

OFFICE NUMBER

COMMENTS

**NOTE CHANGES
ON PAGE FIVE**

FROM

CHRISTINA MARTIN

OFFICE NUMBER

456-2930

WHITE HOUSE STAFFING MEMORANDUM

DATE: 5/10/90 ACTION/CONCURRENCE/COMMENT DUE BY: ----

SUBJECT: PRESIDENTIAL REMARKS: TEXAS A&I

	ACTION FYI			ACTION	FYI
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PORTER	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DARMAN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROGICH	<input type="checkbox"/>	<input type="checkbox"/>
BATES	<input type="checkbox"/>	<input type="checkbox"/>	UNTERMAYER	<input type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>ROGERS</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>WINSTON</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DEMAREST	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>ALBRECHT</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
GRAY	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS:

The attached has been forwarded to the President.

RESPONSE:

90 MAY 10 PM 12:24

James W. Cicconi
Assistant to the President
and Deputy to the Chief of Staff
Ext. 2702

THE WHITE HOUSE

WASHINGTON

May 9, 1990

1990 MAY -9 PM 7:12

INFORMATION

MEMORANDUM FOR THE PRESIDENT

THROUGH: CHRISS WINSTON *W*
FROM: EDWARD E. McNALLY *EM*
SUBJECT: DRAFT REMARKS: TEXAS A&I COMMENCEMENT ADDRESS

I. SUMMARY

Attached are draft remarks for Friday morning's commencement at Texas A&I -- intended as a major address on the space program and your space station-Moon-Mars initiative.

II. DISCUSSION

On Friday, May 11, at 11:00 a.m., you will participate in the commencement ceremony at Texas A&I University. The ceremony will be in their football stadium.

The audience of approximately 12,000 will consist of students, their families, and other Kingsville area residents. (About 55% of the student body is of Hispanic heritage.) There is a considerable amount of excitement about your visit since it marks the first time you've made an official trip to Kingsville as President or Vice President.

The speech (18 minutes, on TelePrompTer) is intended as a major address on your Administration's leadership in space. It follows last summer's Mars announcement by announcing a national goal of a manned mission to Mars by the 50th anniversary of the Apollo landing. In keeping with your commencement theme of reflection on democratic change, the speech also describes America's unique heritage -- and unique destiny -- as a pioneering and democratic nation.

McNally/Simon
May 9, 1990
Draft Six (TX-#2)

PRESIDENTIAL REMARKS: TEXAS A. & I. COMMENCEMENT
KINGSVILLE, TEXAS
FRIDAY, MAY 11, 1990, 11:00 A.M.

Thank you, Bill [MACKENZIE, Board of Regents Chairman],
President Manuel Ibanez [[ee-BAHN-yez]], and good morning to you
all. It's always a pleasure to be back in my home state of Texas
-- and in the hometown of our outstanding Education Secretary
Lauro Cavazos. It's always good to see Governor Clements,
Senators Phil Gramm and Lloyd Bentsen, Congressman Ortiz and
Congressman de la Garza. Congratulations also to the families
and friends and faculty of these students -- and, most of all --
To the Texas A & I Class of 1990. \\\

When President Ibanez first contacted us about A & I's
graduation, he called my son, George, Jr., and said that you
wanted to hear a commencement address from a popular but aging
Texan who has risen to the top of his field. And George said:
"Does that mean you're inviting Nolan Ryan?" \\\

But I'm honored to be in the home of the legendary Javelinas
[[hav-uh-LEE-nuhs]] -- the wild hogs. And I'm deeply honored to
be speaking from the hallowed space on the playing field usually
reserved for "Porky." [[A & I's JAVELINA MASCOT]] \\\

But I haven't seen your mascot today. Guess he heard we
keep Air Force One stocked with barbecued pork-rinds! \\\

Javelinas aren't the only wildlife native to these parts.
The mesquite outside Kingsville is also shot through with rattle-
snake and deer. Doves rise on the warm gulf winds, soaring over

the palms and red-tiled roofs of Texas A & I. And South Texas is a special place for the Bush family. We come down nearly every December to visit friends and hunt just outside Beeville.

(But the reputation of the area is changing. When I told Barbara I was flying down to South Texas to talk with college students and see the wildlife, she said: "Aren't you getting a bit old to be going to South Padre for Spring Break?") \\\

Like springtime itself, college commencements signal a time of change. Last week, at Oklahoma State, I spoke about America's new leadership role in the Atlantic Alliance. Tomorrow morning, at South Carolina, we'll be talking about change among the people of Eastern Europe -- people yearning to emulate not only our standard of living -- but also our standard of justice. \\\

But democracy isn't just the wave of the present -- it's the wave of the future. And as your generation assumes a leadership role in a free world that's growing bigger all the time -- others will continue to look to our shores for leadership and direction. I have proposed that one of those directions be space. \\\

The American adventure has always had the capacity to inspire others -- and to astonish the world. The voyages of Columbus. The Declaration of Independence. The taming of a continent. The invention of flight. \\\

America's democracy is the world's greatest experiment in freedom and diversity, an ongoing experiment that continues to unleash the creative energies of the world's most diverse population. It is what took American pioneers to the Moon and

back. It is what will take you as far as your dreams can soar.

Like Texas itself, A & I is also a place of pioneers. The first four-year college in South Texas. A leader in bilingual education, with the first such doctoral program in the U.S. Home to research and innovations from natural gas engineering to snake venom to the Rio Star grapefruit. And many of you are yourselves pioneers -- the first in your families ever to attend college.

In America's unique democratic heritage, our pioneers were not appointed by kings. Our pioneers appointed themselves -- and took off! We are a searching people, future-oriented, impelled to push on. After graduating college I took my family west, looking for a country to test ourselves and our dreams. We found it in Texas, with enough opportunities to last many lifetimes.

Of course, Texas has always produced its share of pioneers and visionaries. One was Sam Houston. Where others saw empty plains and dust, he saw farms, and ranches, and towns. Where others saw obstacles, he saw opportunity.

But Houston could scarcely have imagined that, little more than a hundred years after his death, the entire planet would hold its breath as his name became the first word ever uttered on the plains and dust of another world. \\

It was July 20, 1969. And although Apollo 11 had just survived one of the most harrowing landings in the history of space, the voice of Neil Armstrong was confident, strong, American. He said: "Houston: Tranquility Base here. The Eagle has landed." Eight words. And the world was changed forever.

When America accepted the Apollo challenge, we rolled up our sleeves and took on a daunting and dangerous job. Apollo 11 showed we could meet our commitments to ourselves and to the world -- proof that democracy could triumph as decisively in peace as it had in war. It lifted the spirits of a generation, and raised forever the horizons of the human race.

Today, America is still enjoying the dividends that flowed from Apollo's outpouring of new science and technology. That far-sighted investment is one reason America's aerospace industry remains first in the world -- and last year produced a \$18 billion tide of black ink in our balance of trade.

Project Apollo also spurred a burst in technological education throughout the country. During that short decade, we doubled the number of graduating Ph.D. physical scientists, and quadrupled the Ph.D. mathematicians and engineers. The lesson history teaches us is that the benefits are there for those who dare to reach for them.

Last summer, in a speech commemorating the 20th anniversary of the Apollo Moon landing, I announced three major space policy objectives: First, to have Space Station Freedom up before the century is out. Second, for the new century, a permanent lunar base: "Back to the Moon, back to the future -- and this time -- back to stay." And third, a manned expedition to Mars. \\\

Together, these objectives form the cornerstone of my Administration's far-reaching plan for investing in America's future. Our space program will help rekindle public interest in

science and mathematics, and revitalize an area of our educational system that has become disturbingly weak. In fact, one of the education goals we announced in January is to make the United States first in math and science by the year 2000. But our space program will do more. It will revolutionize everything from computers to communications, from medicine to metals, regaining and retaining America's high-tech competitive edge. It will create new technologies, new industries, and new jobs.

It's an adventure I hope many of you will be part of. And it's an adventure that's already underway. \\\

The Space Shuttle is back and ushering in a new era in space. And it's led by a talented new generation. Scientists like A & I Professor John Linder, who is working here to improve Shuttle communications. Shuttle engineers like Ruben Zavala, A & I Class of 1977, and avionics experts like Primitivo [prim-a-TEE-vo] Perez, Class of 1971. And new American heroes like Franklin Chang-Diaz, NASA's first Hispanic astronaut.

Last fall, Dr. Chang-Diaz helped put America back in space, part of the team that deployed the Galileo spacecraft on its 6-year journey to Jupiter. Galileo is the most complex explorer spacecraft ever built, and sails in the vanguard of a flotilla of exotic new craft now readying an assault on the ancient mysteries of the stars, the solar system, and our own planet Earth.

You are coming of age during a Golden Age of space. And there's no better example of this than the miracle now orbiting 380 miles above Kingsville -- the Hubble Space Telescope. It

will see to the furthest reaches of the universe, to the very edges of time. (It will, quite literally, even enable astronomers to see back in time -- perhaps far enough back to when the Dallas Cowboys last had a winning season!) \\

And it's hoped that the telescope will see objects so clearly that, in theory, it could pick out the writing on a dime -- 100 miles away. \\ Talk about the "Vision Thing!" \\

And even while Galileo and Hubble begin looking out across space -- another array of new satellites will be looking back at Earth -- and taking the pulse of the most important planet in the universe. (You may remember a couple years back when Time magazine named Earth "Planet of the Year." Comedian Jay Leno said: "What did you expect? All the judges came from Earth!")

We call this initiative "Mission to Planet Earth." It's an effort of such magnitude, it dwarfs everything in the past -- a worldwide study of the complex interactions between land, sea, ice and air -- as well as between the Earth and the Sun.

Initiatives like these mark a critical investment in America's future. They will help protect the environment, fuel an educational renaissance, and hone America's competitive edge.

But the importance of the space program -- especially the manned space program -- goes deeper than that. Throughout our history, America has been a nation of discoverers. It is part of our national character -- part of our democratic heritage. In fact, Monday marks the day in 1804 when Meriwether Lewis and William Clark set out across the Mississippi to map much of what

was to become the great American West. Despite Thomas Jefferson's love of machines -- it's hard to imagine him sending a robot out alone to describe the wonders of the American Rockies and the Pacific coast. In the American experiment -- in the experiment called democracy -- there will always be a place for individual men and women with imagination and daring.

Our nation's quest for the unknown took American pioneers from the bluffs of the Mississippi to the mountains of the Moon. But today, we're no longer just asking for the Moon. We've been there. We're looking further, to carry the American adventure to wherever opportunity, curiosity, and need will take us.

It's time to open up the final frontier. There can be no turning back. America's space program is what civilization needs to begin this journey, and to perfect the commitment to go beyond. Each time we go to the frontier and beyond, we bring back more than we hoped for. This time we have the chance to bring back more than we can imagine.

Our 1991 budget is proof positive of America's commitment to an active, exciting and continuing presence in space -- to America's leadership in space. Our budget proposes \$15.2 billion for NASA, an increase of 24 percent -- almost \$3 billion -- which is the largest increase for any major agency of the government.

But leadership in space takes more than just dollars. It also takes a decision. And I'm announcing one today.

We stand at a halfway point in our exploration of the immediate solar system -- the planet Earth, its Moon, and the

terrestrial neighborhood. 30 years ago, NASA was founded and the space race began. And 30 years from now -- I believe Man will stand on another planet. And so I am pleased to return to Texas today to announce a new Age of Exploration, with not only a goal but also a timetable: I believe that before Apollo celebrates the 50th anniversary of its landing on the moon -- the American flag should be planted on Mars. \\\

Up beneath the dome of the United States Capitol -- where decisions about our space program will be made in the coming weeks -- the American adventure is told in stone, a tableau of U.S. history carved around the rim of the dome itself. It begins with Columbus' arrival in the New World -- and ends with the first flight of the Wright brothers' plane.

But they got it wrong. The Wright brothers flight doesn't mark the end of the American adventure -- but the beginning of a new chapter -- a neverending story -- a story about a democracy where anything is possible, and where no dream is too large.

We live in a century that began with great promise and hope for the idea we call democracy, then only beginning to assume an important place on the world stage. That hope has been fulfilled -- and surpassed -- beyond the wildest dreams of our founders. And the promise of democracy is beginning to be tasted by more people in more places than ever before. It is their inspiration. And it is our strength. Our heritage. And our future. \\\

And so as this century closes, it is in America's hands to help determine the kind of people, the kind of planet, we will

become in the next. We will leave the Solar System and travel to the stars. Not only because it is democracy's dream. But because it is democracy's destiny. \\\

Around campfires, by moonlight and starlight across the ages, men and women have turned their gaze skyward and dreamed an ancient dream. And somewhere in America today, maybe here in this stadium, there is a young man or woman who, like Neil Armstrong, will seize this dream and change the world for all time. I believe, I truly believe, that the Class of '90 will leave footprints not only in the sands of Texas -- but also in the sands of time -- and ultimately on the plains of Mars. \\\

You who have lived these past four years in Kingsville know a lot about the sky. The plains of South Texas are as flat as the sea -- a land without hills or impediments, a land of limitless horizons and dreams to match. It is exactly the kind of night-time sky where the cream of America's youth -- the cream of Texas A and I -- can point confidently to the stars -- to eternity -- and to their own future, the future of this great Nation, and the future of free people everywhere. \\\

America is proud of you and your families. Congratulations. Thank you. And God bless the United States of America.

#

TEXAS A&I ACKNOWLEDGEMENT INSERT

INSERT AFTER "... Congressman de la Garza."

And I want to recognize two other Kingsville natives with me here today: Dave Valdez, my photographer, who follows me everywhere; and Tony Armendariz, who came to Washington last year after a decade working at A&I.

Chris -

On democracy & space:
I've included several different alternatives, at several different places. If you like some of these inserts - I think there are many places we can cut for length. Thanks! - Ed

McNally/Simon
May 9, 1990
Draft Five (TX-A&I)

L REMARKS: TEXAS A. & I. COMMENCEMENT
KINGSVILLE, TEXAS
FRIDAY, MAY 11, 1990, 11:00 A.M.

1 [MACKENZIE, Board of Regents Chairman],
Ibanez [[ee-BAHN-yez]], and good morning to you

all. It's always a pleasure to be back in my home state of Texas and in the hometown of our outstanding Education Secretary Lauren Cavazos. It's always good to see Governor Clements, Senators Phil Gramm and Lloyd Bentsen, Congressman Ortiz and Congressman de la Garza. Congratulations also to the families and friends and faculty of these students -- and, most of all -- To the Texas A & I Class of 1990. \\\

When President Ibanez first contacted us about A & I's graduation, he called my son, George, Jr., and said that you wanted to hear a commencement address from a popular but aging Texan who has risen to the top of his field. And George said: "Does that mean you're inviting Nolan Ryan?" \\\

But I'm honored to be in the home of the legendary Javelinas [[hav-uh-LEE-nuhs]] -- the wild hogs. And I'm deeply honored to be speaking from the hallowed space on the playing field usually reserved for "Porky." [[A & I's JAVELINA MASCOT]] \\\

But I haven't seen your mascot today. **Guess he heard we keep Air Force One stocked with barbecued pork-rinds!** \\\

Javelinas aren't the only wildlife native to these parts. The mesquite outside Kingsville is also shot through with rattlesnake and deer. Doves rise on the warm gulf winds, soaring

over the palms and red-tiled roofs of Texas A & I. And South Texas is a special place for the Bush family. We come down this way nearly every December to visit friends and hunt just outside Beeville.

(But the reputation of the area is changing. When I told Barbara I was flying down to South Texas to talk with college students and see the wildlife, she said: "Aren't you getting a bit old to be going to South Padre for Spring Break?") \\\

Like springtime itself, college commencements signal a time of change. Last week, at Oklahoma State, I spoke about America's new leadership role in the Atlantic Alliance. Tomorrow morning, at South Carolina, we'll be talking about change among the people of Eastern Europe -- people yearning to emulate not only our standard of living -- but also our standard of justice.

~~And this bright Texas morning also provides a special opportunity to reflect on American leadership in a year of remarkable democratic change.~~

The American adventure has always had the capacity to inspire others -- and to astonish the world. The voyages of Columbus. The Declaration of Independence. The taming of a continent. The invention of flight. ~~Century by century, the story of America has unfolded, and the world has looked to our shores for leadership and hope.~~

America's democracy is the world's greatest experiment in freedom and diversity, an ongoing experiment that continues to unleash the creative energies of the world's most diverse

But democracy isn't just the wave of the present -- it's the wave of the future. And as your generation assumes a leadership role in a free world that's growing bigger all the time -- others will continue to look to America for leadership and direction. I have proposed that one of those directions be space

In America's unique democratic tradition, our pioneers weren't appointed by things. Our pioneers appointed themselves -- and took off! We are a searching people, future-oriented, impelled to push on. After graduating college I took my family west, looking for a country to test our dreams. We found it in Texas, with enough opportunities to last many lifetimes.³

population. It is what took American pioneers to the Moon and back. It is what will take you as far as your dreams can soar.

Like the state it calls home, Texas A & I is also a place of pioneers. The first four-year college in South Texas. A leader in bilingual education, with the first such doctoral program in the U.S. Home to research and innovations from natural gas engineering to snake venom to the Rio Red grapefruit we've enjoyed at the White House. And many of you are yourselves pioneers -- the first in your families ever to attend college.

Of course, Texas has always produced its share of pioneers and visionaries. One was Sam Houston. Where others saw empty plains and dust, he saw farms, and ranches, and towns. Where others saw obstacles, he saw opportunity.

But Houston could scarcely have imagined that, little more than a hundred years after his death, the entire planet would hold its breath as his name became the first word ever uttered on the plains and dust of another world.

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When America accepted the Apollo challenge, we rolled up our sleeves and took on a daunting and dangerous job. Apollo 11 ^{showed} I proved we could meet our commitments to ourselves and to the

~~In America's unique democratic tradition, our pioneers weren't appointed by things -- they appointed themselves, and took off! When I was a young man I took my family west, looking for a country. I found it in Texas.~~

proof that democracy could triumph as decisively in peace as it had in war. It

4

world, ~~lifted~~ the spirits of a generation, and ~~raised~~ forever the horizons of the human race.

Today, America is still enjoying the dividends that flowed from Apollo's outpouring of new science and technology. That far-sighted investment is one reason America's aerospace industry remains first in the world -- and last year produced a \$19 billion tide of black ink in our balance of trade.

Project Apollo also spurred a burst in technological education throughout the country. During that short decade, we tripled the number of graduating PH.D. physical scientists, and quadrupled the mathematicians and engineers. **The lesson history teaches us is that the benefits are there for those who dare to reach for them.**

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2000. But our space program will do more. It will revolutionize everything from computers to communications, from medicine to metals, regaining and retaining America's high-tech competitive edge. It will create new technologies, new industries, and new jobs.

It's an adventure I hope many of you will be part of. And it's an adventure that's already underway.

The Space Shuttle program is back and ushering in a new era in space. And it's led by a new generation of skilled professionals. Scientists like A & I Professor John Linder, who is working here to improve Shuttle communications. Shuttle engineers like Ruben Zavala, A & I Class of 1977, and avionics experts like Primitivo Perez, 1971. And new American heroes like Franklin Chang-Diaz, NASA's first Hispanic astronaut.

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You are coming of age during a Golden Age of space science. And there's no better example of this than the miracle now orbiting 300 miles above Kingsville -- the Hubble Space Telescope. It will see to the furthest reaches of the universe, to the very edges of time. (It will, quite literally, even

enable astronomers to see back in time -- perhaps far enough back to when the Dallas Cowboys last had a winning season!) \\\

And it's hoped that the telescope will see objects so clearly that, in theory, it could pick out the writing on a dime -- 100 miles away. \\\ Talk about the "Vision Thing!" \\\

And even while Galileo and Hubble begin looking out across the vast reaches of space -- another array of new satellites will be looking back at Earth -- and taking the pulse of the most important planet in the universe. (Do you remember a couple years back when Time magazine named Earth "Planet of the Year?" Comedian Jay Leno said: "What did you expect? All the judges came from Earth!") \\\

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Initiatives like these mark a critical investment in America's future. They will help protect the environment, fuel an educational renaissance, and hone America's competitive edge.

But the importance of the space program -- especially the manned space program -- goes deeper than that. Throughout our history, America has been a nation of discoverers, ~~founded on the spirit of exploration.~~

In fact, Monday marks the day in 1804 when ~~Thomas Jefferson dispatched the~~ ^{Meriwether Lewis} and ^{George Rogers} Clark Expedition ~~set out from St. Louis~~ to map much of what was to become the great American West.

set out across the Mississippi

It is part of our national character -- part of our democratic heritage.

experiment -- in the experiment
we call democracy --

the American Rockies and
the Pacific Coast.

Thomas

Despite Jefferson's love of machines -- it's hard to imagine him
sending a robot out alone to describe the wonders of Yosemite.

In the American ^{in the adventure} adventure, there will always be a place for ~~brave~~
^{individual} men and women, with initiative and courage.

~~Lewis and Clark were the first pioneers of American
government-financed exploration. Our nation's quest for the
unknown began when these brave men crossed the Mississippi. In
our time, this quest saw Americans land on the Moon. But today,
we're no longer just asking for the Moon. We've been there.
We're looking further, to carry the American adventure beyond
Earth, to wherever opportunity, curiosity, and need will take us.~~

It's time to open up the final frontier. There can be no
turning back. America's space program is what civilization needs
to begin this journey, and to perfect the commitment to go
beyond. Each time we go to the frontier and beyond, we bring
back more than we hoped for. This time we have the chance to
bring back more than we can imagine.

Our 1991 budget is proof positive of America's commitment to
an active, exciting and continuing presence in space -- to
America's leadership in space. Our budget proposes \$15.2 billion
for NASA, an increase of 24 percent -- almost \$3 billion -- which
is the largest increase for any major agency of the government.

~~It is our commitment to you for a brighter future.~~

INSERT A
(from p. 10)

Up beneath the dome of the United States Capitol -- where
decisions about our space program will be made in the coming
weeks -- the American ^{adventure} story is told in stone, a tableau of U.S.

history carved around the rim of the dome itself. It begins with Columbus' arrival in the New World -- and ends with the first flight of the Wright brothers' plane.

But they got it wrong. The Wright brothers flight doesn't mark the end of the American ^{adventure} story -- but the beginning of a new chapter -- a neverending story -- a story about a democracy where no dream is too large. where anything is possible, and

We live in a century that began with great promise and hope ^{the idea we call democracy,} for America, then only beginning to assume ^{an important} its place on the world stage. That hope has been fulfilled -- and surpassed -- beyond the wildest dreams of ^{America's} our founders. And the promise of ^{democracy} America -- the promise of free choices, free chances, and free ideas -- is beginning to be tasted by more people in more places than ever before. It is their inspiration. And it is our strength. Our heritage. And our future.

And so as this century closes, it is in ^{America's} our hands to ^{help} determine the kind of ^{people,} nation, the kind of ^{planet,} people, we will become in the next. ^{We will leave the Solar System and travel to the stars. Not only because it is democracy's dream. But because it is democracy's destiny.} Around campfires, by moonlight and starlight across the ages, men and women have turned their gaze skyward and dreamed an ancient dream. And somewhere in America today, maybe here in this stadium, there is a young man or woman who, like Neil Armstrong, will seize this dream and change the world for all time. I believe, I truly believe, that the Class of '90 will leave footprints not only in the sands of Texas -- but also in the sands of time -- and ultimately on the plains of Mars.

BOLD

✓
✓

You who have lived these past four years in Kingsville know a lot about the sky. The plains of South Texas are as flat as the sea -- a land without hills or impediments, a land of limitless horizons and dreams to match. It offers exactly the kind of night-time sky where the cream of America's youth -- the cream of Texas A and I -- can point confidently to the stars -- to eternity -- and to ^{their own} ~~the future~~, ^{the future of} ~~of themselves and~~ this great Nation, *and the future of free people everywhere.*

America is proud of you and the families you represent. Congratulations. Thank you. And God bless the United States.

#

[[INSERT ON PAGE 7 -- AFTER FIRST FULL PARAGRAPH --

i.e.: "... the commitment to go beyond."]]

But leadership in space takes more than just dollars. It also takes a decision. And I'm announcing one today.

A

We stand at a halfway point in our exploration of the immediate solar system -- the planet Earth, its Moon, and the terrestrial neighborhood. 30 years ago, NASA was founded and the space race began. And 30 years from now -- I believe Man will stand on another planet. [And so I am pleased to return to Texas today to announce a new Age of Exploration, with not only a goal but also a timetable: I believe that before Apollo celebrates its 50th anniversary on Earth -- the American flag should be planted on Mars.]

WHITE HOUSE STAFFING MEMORANDUM

DATE: 05/07/90 ACTION/CONCURRENCE/COMMENT DUE BY: 4:00 p.m. Tuesday 05/08

SUBJECT: PRESIDENTIAL REMARKS: TEXAS A & I COMMENCEMENT, KINGSVILLE, TX (05/07 draft four)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH N/C	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BATES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNTERMAYER	<input type="checkbox"/>	<input type="checkbox"/>
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CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PINKERTON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DEMAREST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WINSTON	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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GRAY N/C	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BROMLEY	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	ALBRECHT	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:

Please provide any comments/recommendations directly to Chriss Winston by 4:00 p.m. on Tuesday, 05/08, with a copy to my office. Thanks.

RESPONSE:

James W. Cicconi
 Assistant to the President
 and Deputy to the Chief of Staff
 Ext. 2702

McNally/Simon
May 7, 1990
Draft Four (TX-A&I)

1990 MAY -7 PM 7:33

PRESIDENTIAL REMARKS: TEXAS A. & I. COMMENCEMENT
KINGSVILLE, TEXAS
FRIDAY, MAY 11, 1990, 11:00 A.M.

Bill [MACKENZIE, Bd. of Regents CHM]

Thank you, President Manuel Ibanez [[ee-BAHN-yez]], and good

morning to you all. **It's always a pleasure to be back in my home**
in the hometown of our outstanding Education Secretary
state of Texas. \\\

*Lauren
Cavazos*

*and
Hoyt
Bentzen* \\\ *Phil* *Congressman Ortiz and Congressman de la
Garza.* And it's always good to see Governor
Clements, Senator Gramm, and so many distinguished members of our

~~Texas congressional delegation.~~ Congratulations also to the
families and friends and faculty of these students -- and, most

of all -- To the Texas A & I Class of 1990. \\\

President Ibanez

When Manny first contacted us about A & I's graduation, he
called my son, George, Jr., and told him you wanted to hear a
commencement address from a popular but aging Texan who has risen
to the top of his field. And George said: "Does that mean
you're inviting Nolan Ryan?" \\\

But I'm honored to be in the home of the legendary Javelinas
✓ *hago*
[[han-vuh-lee-NUHS]] -- the wild ~~bears~~. And I'm deeply honored
to be speaking from the hallowed space on the playing field
usually reserved for "Porky." [[A & I's JAVELINA MASCOT]] \\\

But I haven't seen your mascot today. **Guess he heard we
keep Air Force One stocked with barbecued pork-rinds!** \\\

Javelinas aren't the only wildlife native to these parts.
The mesquite outside Kingsville is also shot through with
rattlesnake and deer. Doves rise on the warm gulf winds, soaring
over the palms and red-tiled roofs of Texas A & I. And South
Texas is a special place for the Bush family. We come down this

2
Visit Friends and

way nearly every December to hunt ~~quail~~ just outside Beeville.

(But the reputation of the area is changing. When I told Barbara I was flying down to South Texas to talk with college students and see the wildlife, she said: "Aren't you getting a bit old to be going to South Padre for Spring Break?") \\\

Like springtime itself, college commencements signal a time of change. Last week, at Oklahoma State, I spoke about America's new leadership role in the Atlantic Alliance. Tomorrow morning, at South Carolina, we'll be talking about change among the people of Eastern Europe -- people yearning to emulate not only our standard of living -- but also our standard of justice.

And this bright Texas morning also provides a special opportunity to reflect on American leadership in a year of remarkable democratic change.

The American adventure has always had the capacity to inspire others -- and to astonish the world. The voyages of Columbus. The Declaration of Independence. The taming of a continent. The invention of flight. **Century by century, the story of America has unfolded, and the world has looked to our shores for leadership and hope.**

America's democracy is the world's greatest experiment in freedom and diversity, an ongoing experiment that continues to unleash the creative energies of the world's most diverse population. It is what took American pioneers to the Moon and back. It is what will take you as far as your dreams can soar.

Like the state it calls home, Texas A & I is also a place of

pioneers. The first four-year college in South Texas. A leader in bilingual education, with the first such doctoral program in the U.S. Home to research and innovations from natural gas engineering to snake venom to the Rio Red grapefruit we've enjoyed at the White House. And many of you are yourselves pioneers -- the first in your families ever to attend college.

Of course, Texas has always produced its share of pioneers and visionaries. One was Sam Houston. Where others saw empty plains and dust, he saw farms, and ranches, and towns. Where others saw obstacles, he saw opportunity.

But Houston could scarcely have imagined that, little more than a hundred years after his death, the entire planet would hold its breath as his name became the first word ever uttered on the plains and dust of another world.

It was July 20, 1969. And although Apollo 11 had just survived one of the most harrowing landings in the history of space, the voice of Neil Armstrong was confident, strong, American. He said: "Houston: Tranquility Base here. The Eagle has landed." Eight words. And the world was changed forever.

When America accepted the Apollo challenge, we rolled up our sleeves and took on a daunting and dangerous job. Apollo 11 proved we could meet our commitments to ourselves and to the world, lifting the spirits of a generation, and raising forever the horizons of the human race.

Today, America is still enjoying the dividends that flowed from Apollo's outpouring of new science and technology. That

far-sighted investment is one reason America's aerospace industry remains first in the world -- and last year produced a \$19⁸ billion tide of black ink in our balance of trade.

Project Apollo also spurred a burst in technological education throughout the country. During that short decade, we tripled the number of graduating ^{PH.D} physical scientists, ^{and quadrupled} ~~number of~~ mathematicians, ^{and} ~~and more than doubled the~~ engineers. **The lesson history teaches us is that the benefits are there for those who dare to reach for them.**

Last summer, in a speech commemorating the 20th anniversary of the Apollo Moon landing, I announced three major space policy objectives: First, to have Space Station Freedom up before the century is out. Second, for the new century, a permanent lunar base: "Back to the Moon, back to the future -- and this time -- back to stay." And third, a manned expedition to Mars.

Together, these objectives form the cornerstone of my Administration's far-reaching plan for investing in America's future. Our space program will ^{help} rekindle public interest in ^{and mathematics} science, and revitalize an area of our educational system that has become disturbingly weak. ^{But our space program will do more.} It will revolutionize everything from computers to communications, from medicine to metals, regaining and retaining America's high-tech competitive edge. It will create new technologies, new industries, and new jobs.

It's an adventure I hope many of you will be part of. And it's an adventure that's already underway.

In fact, one of the national education goals we announced in January is to make the United States first in math and science by the year 2000.

The Space Shuttle program is back and ushering in a new era in space, ~~science~~. And it's led by a new generation of skilled professionals. Scientists like A & I Professor John Linder, who is working here to improve Shuttle communications. Shuttle engineers like Ruben Zavala, A & I Class of 1977, and avionics experts like Primitivo Perez, 1971. And new American heroes like Franklin Chang-Diaz, NASA's first Hispanic astronaut.

Last fall, Dr. ^{Chang-}Diaz helped put America back in space, part of the team that deployed the Galileo spacecraft on its 6-year journey to Jupiter. Galileo is the most complex robotic spacecraft ever built, and sails in the vanguard of a flotilla of exotic new craft now readying an assault on the ancient mysteries of the stars, the solar system, and our own planet Earth.

You are coming of age during a Golden Age of space science. And there's no better example of this than the miracle now orbiting 300 miles above Kingsville -- the Hubble Space Telescope. It will see to the furthest reaches of the universe, to the very edges of time. (It will, quite literally, even enable astronomers to see back in time -- perhaps far enough back to when the Dallas Cowboys last had a winning season!) \\

And it's hoped that the telescope will see objects so clearly that, in theory, it could pick out the writing on a dime -- 100 miles away. \\ Talk about the "Vision Thing!" \\

And even while Galileo and Hubble begin looking out across the vast reaches of space -- another array of new satellites will be looking back at Earth -- and taking the pulse of the most

important planet in the universe. (Do you remember a couple years back when Time magazine named Earth "Planet of the Year?" Comedian Jay Leno said: "What did you expect? All the judges came from Earth!") \ \ \

We call this initiative "Mission to Planet Earth." It's an effort of such magnitude, it dwarfs everything in the past -- a worldwide effort studying the complex interactions between the land, the sea, the ice, ~~and~~ the air -- as well as between the Earth and the Sun. ? →

Initiatives like these mark a critical investment in America's future. They will help protect the environment, fuel an educational renaissance, and hone America's competitive edge.

But the importance of the space program -- especially the manned space program -- goes deeper than that. Throughout our history, America has been a nation of discoverers, founded on the spirit of exploration. In fact, Monday marks the day in 1804 when Thomas Jefferson dispatched the Lewis and Clark Expedition to map much of what was to become the great American West. Despite Jefferson's love of machines -- it's hard to imagine him sending a robot out alone to ~~California~~ ^{Montana} to describe the wonders of Yosemite. In the American adventure, there will always be a place for brave men and women.

Lewis and Clark were the first pioneers of American government-financed exploration. ^{Our Nation's quest for the unknown} The ~~journey~~ ^{quest} which began when ~~they~~ ^{these brave men} crossed the Mississippi. ~~in~~ ⁱⁿ our time, ~~we~~ ^{this quest} saw Americans land on the Moon. But today, we're no longer just asking for the

Moon. We've been there. We're looking further, to carry the American adventure beyond Earth, to wherever opportunity, curiosity, and need will take us.

It's time to open up the final frontier. There can be no turning back. America's space program is what civilization needs to begin this journey, and to perfect the commitment to go beyond. *insert A insert X*

Up beneath the dome of the United States Capitol -- where decisions about our space program will be made in the coming weeks -- the American story is told in stone, a tableau of U.S. history carved around the rim of the dome itself. It begins with Columbus' arrival in the New World -- and ends with the first flight of the Wright brothers' plane.

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#

WHITE HOUSE STAFFING MEMORANDUM

DATE: 05/07/90 ACTION/CONCURRENCE/COMMENT DUE BY: 4:00 p.m. Tuesday 05/08

SUBJECT: PRESIDENTIAL REMARKS: TEXAS A & I COMMENCEMENT, KINGSVILLE, TX
(05/07 draft four)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BATES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNTERMAYER	<input type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROGERS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PINKERTON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DEMAREST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WINSTON	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ANDERSON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GRAY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BROMLEY	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	ALBRECHT	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:
Please provide any comments/recommendations directly to Chriss Winston by 4:00 p.m. on Tuesday, 05/08, with a copy to my office. Thanks.

RESPONSE:

Handwritten signature


89:6v 6 MAY 90

James W. Cicconi
Assistant to the President
and Deputy to the Chief of Staff
Ext. 2702

WHITE HOUSE STAFFING MEMORANDUM

DATE: 05/07/90 ACTION/CONCURRENCE/COMMENT DUE BY: 4:00 p.m. Tuesday 05/08

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SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
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DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BATES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNTERMAYER	<input type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROGERS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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RESPONSE:

OK S.R.
90 MAY 9 9:58

James W. Cicconi
Assistant to the President
and Deputy to the Chief of Staff
Ext. 2702

1990 MAY -7 PM 7:33

McNally/Simon
May 7, 1990
Draft Four (TX-A&I)

PRESIDENTIAL REMARKS: TEXAS A. & I. COMMENCEMENT
KINGSVILLE, TEXAS
FRIDAY, MAY 11, 1990, 11:00 A.M.

Thank you, President Manuel Ibanez [[ee-BAHN-yez]], and good morning to you all. **It's always a pleasure to be back in my home state of Texas.** \\ And it's always good to see Governor Clements, Senator Gramm, and so many distinguished members of our Texas congressional delegation. Congratulations also to the families and friends and faculty of these students -- and, most of all -- **To the Texas A & I Class of 1990.** \\

When Manny first contacted us about A & I's graduation, he called my son, George, Jr., and told him you wanted to hear a commencement address from a popular but aging Texan who has risen to the top of his field. And George said: "Does that mean you're inviting Nolan Ryan?" \\

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But I haven't seen your mascot today. **Guess he heard we keep Air Force One stocked with barbecued pork-rinds!** \\

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McNally/Simon
May 9, 1990
Draft Five (TX-A&I)

PRESIDENTIAL REMARKS: TEXAS A. & I. COMMENCEMENT
KINGSVILLE, TEXAS
FRIDAY, MAY 11, 1990, 11:00 A.M.

Thank you, Bill [MACKENZIE, Board of Regents Chairman],
President Manuel Ibanez [[ee-BAHN-yez]], and good morning to you
all. **It's always a pleasure to be back in my home state of Texas**
and in the hometown of our outstanding Education Secretary Lauren
Cavazos. It's always good to see Governor Clements, Senators
Phil Gramm and Lloyd Bentsen, Congressman Ortiz and Congressman
de la Garza. Congratulations also to the families and friends
and faculty of these students -- and, most of all -- **To the Texas**
A & I Class of 1990. \\

When President Ibanez first contacted us about A & I's
graduation, he called my son, George, Jr., and said that you
wanted to hear a commencement address from a popular but aging
Texan who has risen to the top of his field. And George said:
"Does that mean you're inviting Nolan Ryan?" \\

But I'm honored to be in the home of the legendary Javelinas
[[hav-uh-LEE-nuhs]] -- the wild hogs. And I'm deeply honored to
be speaking from the hallowed space on the playing field usually
reserved for "Porky." [[A & I's JAVELINA MASCOT]] \\

But I haven't seen your mascot today. **Guess he heard we**
keep Air Force One stocked with barbecued pork-rinds! \\

Javelinas aren't the only wildlife native to these parts.
The mesquite outside Kingsville is also shot through with
rattlesnake and deer. Doves rise on the warm gulf winds, soaring

over the palms and red-tiled roofs of Texas A & I. And South Texas is a special place for the Bush family. We come down this way nearly every December to visit friends and hunt just outside Beeville.

(But the reputation of the area is changing. When I told Barbara I was flying down to South Texas to talk with college students and see the wildlife, she said: "Aren't you getting a bit old to be going to South Padre for Spring Break?") \ \ \

Like springtime itself, college commencements signal a time of change. Last week, at Oklahoma State, I spoke about America's new leadership role in the Atlantic Alliance. Tomorrow morning, at South Carolina, we'll be talking about change among the people of Eastern Europe -- people yearning to emulate not only our standard of living -- but also our standard of justice.

And this bright Texas morning also provides a special opportunity to reflect on American leadership in a year of remarkable democratic change.

The American adventure has always had the capacity to inspire others -- and to astonish the world. The voyages of Columbus. The Declaration of Independence. The taming of a continent. The invention of flight. **Century by century, the story of America has unfolded, and the world has looked to our shores for leadership and hope.**

America's democracy is the world's greatest experiment in freedom and diversity, an ongoing experiment that continues to unleash the creative energies of the world's most diverse

population. It is what took American pioneers to the Moon and back. It is what will take you as far as your dreams can soar.

Like the state it calls home, Texas A & I is also a place of pioneers. The first four-year college in South Texas. A leader in bilingual education, with the first such doctoral program in the U.S. Home to research and innovations from natural gas engineering to snake venom to the Rio ~~Red~~^{Star} grapefruit ~~we've enjoyed at the White House.~~ And many of you are yourselves pioneers -- the first in your families ever to attend college.

Of course, Texas has always produced its share of pioneers and visionaries. One was Sam Houston. Where others saw empty plains and dust, he saw farms, and ranches, and towns. Where others saw obstacles, he saw opportunity.

But Houston could scarcely have imagined that, little more than a hundred years after his death, the entire planet would hold its breath as his name became the first word ever uttered on the plains and dust of another world.

It was July 20, 1969. And although Apollo 11 had just survived one of the most harrowing landings in the history of space, the voice of Neil Armstrong was confident, strong, American. He said: "Houston: Tranquility Base here. The Eagle has landed." Eight words. And the world was changed forever.

When America accepted the Apollo challenge, we rolled up our sleeves and took on a daunting and dangerous job. Apollo 11 proved we could meet our commitments to ourselves and to the

world, lifting the spirits of a generation, and raising forever the horizons of the human race.

Today, America is still enjoying the dividends that flowed from Apollo's outpouring of new science and technology. That far-sighted investment is one reason America's aerospace industry remains first in the world -- and last year produced a ~~\$19~~ ¹⁸ billion tide of black ink in our balance of trade.

Project Apollo also spurred a burst in technological education throughout the country. During that short decade, we ~~tripled~~ ^{doubled} the number of graduating ~~Ph.D.~~ ^{Ph.D.} physical scientists, and quadrupled the [^]mathematicians and engineers. **The lesson history teaches us is that the benefits are there for those who dare to reach for them.**

Last summer, in a speech commemorating the 20th anniversary of the Apollo Moon landing, I announced three major space policy objectives: First, to have Space Station Freedom up before the century is out. Second, for the new century, a permanent lunar base: "Back to the Moon, back to the future -- and this time -- back to stay." And third, a manned expedition to Mars.

Together, these objectives form the cornerstone of my Administration's far-reaching plan for investing in America's future. Our space program will help rekindle public interest in science and mathematics, and revitalize an area of our educational system that has become disturbingly weak. In fact, one of the national education goals we announced in January is to make the United States first in math and science by the year

2000. But our space program will do more. It will revolutionize everything from computers to communications, from medicine to metals, regaining and retaining America's high-tech competitive edge. It will create new technologies, new industries, and new jobs.

It's an adventure I hope many of you will be part of. And it's an adventure that's already underway.

The Space Shuttle program is back and ushering in a new era in space. And it's led by a new generation of skilled professionals. Scientists like A & I Professor John Linder, who is working here to improve Shuttle communications. Shuttle engineers like Ruben Zavala, A & I Class of 1977, and avionics experts like Primitivo Perez, ^[prim-a-TEE-vo] 1971. And new American heroes like Franklin Chang-Diaz, [^] ^{Class of} NASA's first Hispanic astronaut.

Last fall, Dr. Chang-Diaz helped put America back in space, part of the team that deployed the Galileo spacecraft on its 6-year journey to Jupiter. Galileo is the most complex robotic ^{explorer} spacecraft ever built, and sails in the vanguard of a flotilla of exotic new craft now readying an assault on the ancient mysteries of the stars, the solar system, and our own planet Earth.

You are coming of age during a Golden Age of space science. And there's no better example of this than the miracle now orbiting ³⁸⁰ 300 miles above Kingsville -- the Hubble Space Telescope. It will see to the furthest reaches of the universe, to the very edges of time. (It will, quite literally, even

enable astronomers to see back in time -- perhaps far enough back to when the Dallas Cowboys last had a winning season!) \\\

And it's hoped that the telescope will see objects so clearly that, in theory, it could pick out the writing on a dime -- 100 miles away. \\ **Talk about the "Vision Thing!"** \\\

And even while Galileo and Hubble begin looking out across the vast reaches of space -- another array of new satellites will be looking back at Earth -- and taking the pulse of the most important planet in the universe. (Do you remember a couple years back when Time magazine named Earth "Planet of the Year?" Comedian Jay Leno said: **"What did you expect? All the judges came from Earth!"**) \\\

We call this initiative "Mission to Planet Earth." It's an effort of such magnitude, it dwarfs everything in the past -- a worldwide effort studying the complex interactions between the land, the sea, the ice, the air -- as well as between the Earth and the Sun.

Initiatives like these mark a critical investment in America's future. They will help protect the environment, fuel an educational renaissance, and hone America's competitive edge.

But the importance of the space program -- especially the manned space program -- goes deeper than that. Throughout our history, America has been a nation of discoverers, founded on the spirit of exploration. In fact, Monday marks the day in 1804 when Thomas Jefferson dispatched the Lewis and Clark Expedition to map much of what was to become the great American West.

Despite Jefferson's love of machines -- it's hard to imagine him sending a robot out alone to describe the wonders of ~~Yosemite~~. In the American adventure, there will always be a place for brave men and women.

Lewis and Clark were the first pioneers of American government-financed exploration. Our nation's quest for the unknown began when these brave men crossed the Mississippi. In our time, this quest saw Americans land on the Moon. But today, we're no longer just asking for the Moon. We've been there. We're looking further, to carry the American adventure beyond Earth, to wherever opportunity, curiosity, and need will take us.

It's time to open up the final frontier. There can be no turning back. America's space program is what civilization needs to begin this journey, and to perfect the commitment to go beyond. Each time we go to the frontier and beyond, we bring back more than we hoped for. This time we have the chance to bring back more than we can imagine.

Our 1991 budget is proof positive of America's commitment to an active, exciting and continuing presence in space -- to America's leadership in space. Our budget proposes \$15.2 billion for NASA, an increase of 24 percent -- almost \$3 billion -- which is the largest increase for any major agency of the government. It is our commitment to you for a brighter future.

Up beneath the dome of the United States Capitol -- where decisions about our space program will be made in the coming weeks -- the American story is told in stone, a tableau of U.S.

history carved around the rim of the dome itself. It begins with Columbus' arrival in the New World -- and ends with the first flight of the Wright brothers' plane.

But they got it wrong. The Wright brothers flight doesn't mark the end of the American story -- but the beginning of a new chapter -- a neverending story -- a story about a democracy where no dream is too large, where anything is possible.

We live in a century that began with great promise and hope for America, then only beginning to assume its place on the world stage. That hope has been fulfilled -- and surpassed -- beyond the wildest dreams of our founders. And the promise of America -- the promise of free choices, free chances, and free ideas -- is beginning to be tasted by more people in more places than ever before. It is their inspiration. And it is our strength. Our heritage. And our future.

And so as this century closes, it is in our hands to determine the kind of nation, the kind of people, we will become in the next.

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America is proud of you and the families you represent.

Congratulations. Thank you. And God bless the United States. *of*

#

America.

[[INSERT ON PAGE 7 -- AFTER FIRST FULL PARAGRAPH --

i.e.: "... the commitment to go beyond."]]

We stand at a halfway point in our exploration of the immediate solar system -- the planet Earth, its Moon, and the terrestrial neighborhood. 30 years ago, NASA was founded and the space race began. And 30 years from now -- I believe Man will stand on another planet. [And so I am pleased to return to Texas today to announce a new Age of Exploration, with not only a goal but also a timetable: I believe that before Apollo celebrates ^{the} ~~its~~ 50th anniversary ^{of its landing on the moon} ~~on Earth~~ -- the American flag should be planted on Mars.]

Simon edits ✓

McNally/Simon
May 7, 1990
Draft Four (TX-A&I)

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KINGSVILLE, TEXAS
FRIDAY, MAY 11, 1990, 11:00 A.M.

Thank you, Bill [MACKENZIE, BO. OF REGENTS CHM.].

And Thank you, President Manuel Ibanez [[ee-BAHN-yez]], and good morning to you all. It's always a pleasure to be back in my home state of Texas. \\\ And it's always good to see Governor Clements, Senator Gramm, and ~~so many distinguished members of our Texas congressional delegation.~~ *Congressman Ortiz and Congressman de la Garza.* Congratulations also to the families and friends and faculty of these students -- and, most of all -- To the Texas A & I Class of 1990. \\\

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#

THE WHITE HOUSE

WASHINGTON

May 8, 1990

MEMORANDUM FOR CHRISS WINSTON

FROM: ROGER B. PORTER *RBP*
SUBJECT: Texas A & I Commencement

Good rhetoric and clear articulation of space goals. We have made a number of editorial suggestions noted on the attached draft.

In addition, we recommend the following insert be added after the first paragraph on page seven, "Each time we go to the frontier and beyond, we bring back more than we hoped for. This time we have the chance to bring back more than we can imagine."

no new AP

Insert A

cc: James W. Cicconi

90 MAY 8 5:31

WHITE HOUSE STAFFING MEMORANDUM

DATE: 05/07/90 ACTION/CONCURRENCE/COMMENT DUE BY: 4:00 p.m. Tuesday 05/08

SUBJECT: PRESIDENTIAL REMARKS: TEXAS A & I COMMENCEMENT, KINGSVILLE, TX
(05/07 draft four)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BATES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNTERMAYER	<input type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROGERS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PINKERTON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DEMAREST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WINSTON	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ANDERSON	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GRAY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BROMLEY	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	ALBRECHT	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:

Please provide any comments/recommendations directly to Chriss Winston by 4:00 p.m. on Tuesday, 05/08, with a copy to my office. Thanks.

RESPONSE:

James W. Cicconi
Assistant to the President
and Deputy to the Chief of Staff
Ext. 2702

Save stars that we looked at by look out.

1990 MAY -7 PM 7:33

McNally/Simon
May 7, 1990
Draft Four (TX-A&I)

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The Space Shuttle program is back and ushering in a new era ^{OF} in space science. And it's led by a new generation of skilled professionals. Scientists like A & I Professor John Linder, who is working here to improve Shuttle communications. Shuttle engineers like Ruben Zavala, A & I Class of 1977, and avionics experts like Primitivo Perez, 1971. And new American heroes like Franklin Chang-Diaz, NASA's first Hispanic astronaut. ✓

Last fall, Dr. Diaz helped put America back in space, part of the team that deployed the Galileo spacecraft on its 6-year journey to Jupiter. Galileo is ^{ONE OF} the most complex robotic spacecraft ever built, and sails in the vanguard of a flotilla of exotic new craft now readying an assault on the ancient mysteries of the stars, the solar system, and our own planet Earth. ✓

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And it's hoped that the telescope will see objects so clearly that, in theory, it could pick out the ^{WORDS} writing on a dime -- 100 miles away. \\ Talk about the "Vision Thing!" \\\ ✓

And even while Galileo and Hubble begin looking out across the vast reaches of space -- another array of new satellites will be looking back at Earth -- and taking the pulse of the most

important planet in the universe. (Do you remember a couple years back when Time magazine named Earth "Planet of the Year?" Comedian Jay Leno said: "What did you expect? All the judges came from Earth!") \\\

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Initiatives like these mark a critical investment in America's future. They will help protect the environment, fuel an educational renaissance, and hone America's competitive edge.

But the importance of the space program -- especially the manned space program -- goes deeper than that. Throughout our history, America has been a nation of discoverers, founded on the spirit of exploration. In fact, Monday marks the day in 1804 when Thomas Jefferson dispatched the Lewis and Clark Expedition to map much of what was to become the great American West. Despite Jefferson's love of machines -- it's hard to imagine him sending a robot out alone to California to describe the wonders of Yosemite. In the American adventure, there will always be a place for brave men and women.

Lewis and Clark were the first pioneers of American government-financed exploration. The journey which began when they crossed the Mississippi -- in our time -- saw Americans land on the Moon. But today, we're no longer just asking for the

Moon. We've been there. We're looking further, to carry the American adventure beyond Earth, to wherever opportunity, curiosity, and need will take us. *SUGGESTED INSERT*

It's time to open up the final frontier. There can be no turning back. America's space program is what civilization needs to begin this journey, and to perfect the commitment to go beyond.

Up beneath the dome of the United States Capitol -- where decisions about our space program will be made in the coming weeks -- the American story is told in stone, a tableau of U.S. history carved around the rim of the dome itself. It begins with Columbus' arrival in the New World -- and ends with the first flight of the Wright brothers' plane.

But they got it wrong. The Wright brothers flight doesn't mark the end of the American story -- but the beginning of a new chapter -- a neverending story -- a story about a democracy where no dream is too large, where anything is possible.

We live in a century that began with great promise and hope for America, then only beginning to assume its place on the world stage. That hope has been fulfilled -- and surpassed -- beyond the wildest dreams of our founders. And the promise of America -- the promise of free choices, free chances, and free ideas -- is beginning to be tasted by more people in more places than ever before. It is their inspiration. And it is our strength. Our heritage. And our future.

And so as this century closes, it is in our hands to determine the kind of nation, the kind of people, we will become in the next.

Around campfires, by moonlight and starlight across the ages, men and women have turned their gaze skyward and dreamed an ancient dream. And somewhere in America today, maybe here in this stadium, there is a young man or woman who, like Neil Armstrong, will seize this dream and change the world for all time. I believe, I truly believe, that the Class of '90 will leave footprints not only in the sands of Texas -- but also in the sands of time -- and ultimately on the plains ^{AND VOLCANIC MOUNTAIN} of Mars.

You who have lived these past four years in Kingsville know a lot about the sky. The plains of South Texas are as flat as the sea -- a land without hills or impediments, a land of limitless horizons and dreams to match. It offers exactly the kind of night-time sky where the cream of America's youth -- the cream of Texas A and I -- can point confidently to the stars -- to eternity -- and to the future of themselves and this great Nation.

America is proud of you and the families you represent. Congratulations. Thank you. And God bless the United States.

#

insert X
p. 7

Grady

Insert for speech

^{our} My 1991 budget is proof positive of ^{america's} my commitment to an active, exciting and continuing American presence in space -- to America's leadership in space.

^{our} My budget proposes \$15.2 billion for NASA, an increase of 24 percent -- almost \$3 billion -- which is the largest increase for any major agency of the government. It is ^{our} my commitment to you for a brighter future.

take credit but
not so "me"

[[INSERT ON PAGE 7 -- AFTER FIRST FULL PARAGRAPH --
i.e.: "... the commitment to go beyond."]]

We stand at a halfway point in our exploration of the immediate solar system -- the planet Earth, its Moon, and the terrestrial neighborhood. 30 years ago, NASA was founded and the space race began. And 30 years from now -- I believe Man will stand on another planet. [And so I am pleased to return to Texas today to announce a new Age of Exploration, with not only a goal but also a timetable: I believe that before Apollo celebrates ~~its~~ ^{the} 50th anniversary ^{of its landing on the moon} ~~on Earth~~ -- the American flag should be planted on Mars.]

Grady, ALBRECHT, MITCHELL

WHITE HOUSE STAFFING MEMORANDUM

DATE: 05/07/90 ACTION/CONCURRENCE/COMMENT DUE BY: 4:00 p.m. Tuesday 05/08

SUBJECT: PRESIDENTIAL REMARKS: TEXAS A & I COMMENCEMENT, KINGSVILLE, TX
(05/07 draft four)

	ACTION FYI			ACTION FYI	
VICE PRESIDENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MCCLURE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUNUNU	<input type="checkbox"/>	<input type="checkbox"/>	NEWMAN	<input type="checkbox"/>	<input type="checkbox"/>
SCOWCROFT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PORTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DARMAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROGICH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BATES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNTERMEYER	<input type="checkbox"/>	<input type="checkbox"/>
CARD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROGERS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CICCONI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>PINKERTON</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DEMAREST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>WINSTON</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FITZWATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>ANDERSON</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GRAY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>BROMLEY</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HAGIN	<input type="checkbox"/>	<input type="checkbox"/>	<u>ALBRECHT</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

REMARKS:

Please provide any comments/recommendations directly to Chriss Winston by 4:00 p.m. on Tuesday, 05/08, with a copy to my office. Thanks.

RESPONSE:

See comments

90 MAY 8 3:55

James W. Cicconi
Assistant to the President
and Deputy to the Chief of Staff
Ext. 2702

1990 MAY -7 PM 7: 33

McNally/Simon
May 7, 1990
Draft Four (TX-A&I)

PRESIDENTIAL REMARKS: TEXAS A. & I. COMMENCEMENT
KINGSVILLE, TEXAS
FRIDAY, MAY 11, 1990, 11:00 A.M.

Thank you, President Manuel Ibanez [[ee-BAHN-yez]], and good morning to you all. **It's always a pleasure to be back in my home state of Texas.** \\ And it's always good to see Governor Clements, Senator Gramm, and so many distinguished members of our Texas congressional delegation. Congratulations also to the families and friends and faculty of these students -- and, most of all -- To the Texas A & I Class of 1990. \\

When Manny first contacted us about A & I's graduation, he called my son, George, Jr., and told him you wanted to hear a commencement address from a popular but aging Texan who has risen to the top of his field. And George said: "Does that mean you're inviting Nolan Ryan?" \\

But I'm honored to be in the home of the legendary Javelinas [[hah-vuh-lee-NUHS]] -- the wild boars. And I'm deeply honored to be speaking from the hallowed space on the playing field usually reserved for "Porky." [[A & I's JAVELINA MASCOT]] \\

But I haven't seen your mascot today. **Guess he heard we keep Air Force One stocked with barbecued pork-rinds!** \\

Javelinas aren't the only wildlife native to these parts. The mesquite outside Kingsville is also shot through with rattlesnake and deer. Doves rise on the warm gulf winds, soaring over the palms and red-tiled roofs of Texas A & I. And South Texas is a special place for the Bush family. We come down this

way nearly every December to hunt quail just outside Beeville.

(But the reputation of the area is changing. When I told Barbara I was flying down to South Texas to talk with college students and see the wildlife, she said: "Aren't you getting a bit old to be going to South Padre for Spring Break?") \\\

Like springtime itself, college commencements signal a time of change. Last week, at Oklahoma State, I spoke about America's new leadership role in the Atlantic Alliance. Tomorrow morning, at South Carolina, we'll be talking about change among the people of Eastern Europe -- people yearning to emulate not only our standard of living -- but also our standard of justice.

And this bright Texas morning also provides a special opportunity to reflect on American leadership in a year of remarkable democratic change.

The American adventure has always had the capacity to inspire others -- and to astonish the world. The voyages of Columbus. The Declaration of Independence. The taming of a continent. The invention of flight. **Century by century, the story of America has unfolded, and the world has looked to our shores for leadership and hope.**

America's democracy is the world's greatest experiment in freedom and diversity, an ongoing experiment that continues to unleash the creative energies of the world's most diverse population. It is what took American pioneers to the Moon and back. It is what will take you as far as your dreams can soar.

Like the state it calls home, Texas A & I is also a place of

pioneers. The first four-year college in South Texas. A leader in bi-lingual education, with the first such doctoral program in the U.S. Home to research and innovations from natural gas engineering to snake venom to the Rio Red grapefruit we've enjoyed at the White House. And many of you are yourselves pioneers -- the first in your families ever to attend college. ✓

Of course, Texas has always produced its share of pioneers and visionaries. One was Sam Houston. Where others saw empty plains and dust, he saw farms, and ranches, and towns. Where others saw obstacles, he saw opportunity.

But Houston could scarcely have imagined that, little more than a hundred years after his death, the entire planet would hold its breath as his name became the first word ever uttered on the plains and dust of another world.

It was July 20, 1969. And although Apollo 11 had just survived one of the most harrowing landings in the history of space, the voice of Neil Armstrong was confident, strong, American. He said: "Houston: Tranquility Base here. The Eagle has landed." Eight words. And the world was changed forever.

When America accepted the Apollo challenge, we rolled up our sleeves and took on a daunting and dangerous job. Apollo 11 proved we could meet our commitments to ourselves and to the world, lifting the spirits of a generation, and raising forever the horizons of the human race.

Today, America is still enjoying the dividends that flowed from Apollo's outpouring of new science and technology. That

far-sighted investment is one reason America's aerospace industry remains first in the world -- and last year produced ~~a \$19~~^{an \$18 ✓} billion tide of black ink in our balance of trade.

*Al-Samir
X5873*

Project Apollo also spurred a burst in technological education throughout the country. During that short decade, we tripled the number of graduating physical scientists, doubled the mathematicians, and more than doubled the engineers. **The lesson history teaches us is that the benefits are there for those who dare to reach for them.**

Last summer, in a speech commemorating the 20th anniversary of the Apollo Moon landing, I announced three major space policy objectives: First, to have Space Station Freedom up before the century is out. Second, for the new century, a permanent lunar base: "Back to the Moon, back to the future -- and this time -- back to stay." And third, a manned expedition to Mars.

Together, these objectives form the cornerstone of my Administration's far-reaching plan for investing in America's future. Our space program will rekindle public interest in science, and revitalize an area of our educational system that has become disturbingly weak. It will revolutionize everything from computers to communications, from medicine to metals, regaining and retaining America's high-tech competitive edge. It will create new technologies, new industries, and new jobs.

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*See insert
Next page*

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*Brady
F4844*

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