

NASA 1958	NASA 1961	NASA 2006
1958 Goals Prior to JFK Speech	Clarity Focus Time Dimensioned	2006 Mission
<p>(c) The aeronautical and space activities of the United States shall be conducted so as to contribute materially to one or more of the following objectives:</p> <p>(1) The expansion of human knowledge of phenomena in the atmosphere and space;</p> <p>(2) The improvement of the usefulness, performance, speed, safety, and efficiency of aeronautical and space vehicles;</p> <p>(3) The development and operation of vehicles capable of carrying instruments, equipment, supplies and living organisms through space;</p> <p>(4) The establishment of long-range studies of the potential benefits to be gained from, the opportunities for, and the problems involved in the utilization of aeronautical and space activities for peaceful and scientific purposes.</p> <p>(5) The preservation of the role of the United States as a leader in aeronautical and space science and technology and in the application thereof to the conduct of peaceful activities within and outside the atmosphere.</p>	<p>“I believe that this nation should commit itself to achieving the goal, before this decade is out, of landing a man on the moon and returning him safely to the earth.” JFK 1961</p> <p>Why and emotionally compelling!!!</p> <p>“Why some say the moon? Why choose this as our goal? That goal will serve to organize and measure the best of our energies and skills, because that challenge is one we are willing to accept, one we are unwilling to postpone, and one which we intend to win.” JFK 1961</p> <p>Narrowed focus:</p> <p>War – Man on Moon</p> <p>Battles:</p> <ul style="list-style-type: none"> - Navigation - Propulsion - Life-Support <p style="text-align: center;">SHARED SHORT CLEAR AND EMOTIONALLY COMPELLING</p>	<p>To pioneer the future in space exploration, scientific discovery, and aeronautics research.</p> <p>Goals: Fly the Shuttle as safely as possible until its retirement, note later than 2010.</p> <p>Complete the International Space Station in a manner consistent with NASA’s International Partner commitments and the needs of human exploration.</p> <p>Develop a balanced overall program of science, exploration, and aeronautics consistent with the redirection of human spaceflight program to focus on exploration.</p> <p>Bring a new Crew Exploration Vehicle into service as soon as possible after Shuttle retirement.</p> <p>Encourage the pursuit of appropriate partnerships with the emerging commercial space sector.</p> <p>Establish a lunar return program having the maximum possible utility for later missions to Mars and other destinations.</p>

<p>(6) The making available to agencies directly concerned with national defenses of discoveries that have military value or significance, and the furnishing by such agencies, to the civilian agency established to direct and control nonmilitary aeronautical and space activities, of information as to discoveries which have value or significance to that agency;</p> <p>(7) Cooperation by the United States with other nations and groups of nations in work done pursuant to this Act and in the peaceful application of the results, thereof; and</p> <p>(8) The most effective utilization of the scientific and engineering resources of the United States, with close cooperation among all interested agencies of the United States in order to avoid unnecessary duplication of effort, facilities, and equipment.</p> <p>(d) It is the purpose of this Act to carry out and effectuate the policies declared in subsections (a), (b), and (c).</p>		
--	--	--