

reasons why the Manned Space Flight program merits your support at this time (fig. 25, MC67-5971). There are points shown on this chart which I consider significant and worthy of some short discussion. First, through your support of the Manned Space Flight program, we will maintain the orderly pace of our progress in the space age at a time when there may be opportunities to move ahead of the Soviets in space achievement. It will guard against the possibility of technological "surprise" by supporting the continued advance of an industrial technology.

I would like to digress at this point to show you an outstanding example of this advancement in industrial technology which has evolved from the Manned Space Flight program—from the Gemini and more significantly from the Apollo developments. Figure 26, (MC67-5987) shows a young lady standing with a console which is called a Powercel Model 10A. This is a natural gas fuel cell power-plant being developed by Pratt-Whitney Aircraft. It provides more than 3,750 watts of electrical power. This air-cooled unit operates silently and has clean exhaust products, that is, carbon dioxide and water.

Pratt-Whitney Aircraft has delivered a unit of this type to a commercial gas distributor, for research and investigation of fuel cell

REASONS TO SUPPORT MANNED SPACE FLIGHT PROGRAM

- MAINTAIN ORDERLY PACE OF OUR PROGRESS
- GUARD AGAINST TECHNOLOGICAL "SURPRISE"
- MAINTAIN COMPETITIVE POSITION IN THE WORLD MARKET PLACE
- SUPPORT RESEARCH AND DEVELOPMENT VITAL TO SECURITY
- AVOID DISSIPATION OF SPACE CAPABILITY
- HOLD OPPORTUNITY TO RETURN DIRECT BENEFITS TO MAN
- TAKE ADVANTAGE OF OPPORTUNITIES FOR EXPANSION OF KNOWLEDGE
- PROVIDE THE MEANS TO MEET THE CHALLENGE OF THE FUTURE AT MODEST COST
- PROVIDE THE CAPABILITY TO EXPAND OUR SPACE ACTIVITY IF INTERNATIONAL SITUATION SHOULD CHANGE

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FIGURE 25